



Julián Blasco Moreno

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Date of document: 09/12/2020

v 1.4.3

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

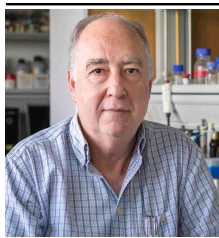
He has been involved in more than 60 research projects and 22 contracts with different companies. He has been the main researcher of 29 projects and 13 contracts. He is responsible for the research group "Ecotoxicology Ecophysiology and Biodiversity of Aquatic Systems" (PAIDI, RNM306 and CSIC groups), a team composed of 6 researchers from ICMAN-CSIC staff. Currently, he is the Director of the "Institute of Marine Sciences of Andalusia" (2015-) and was Deputy Director (1994-1998), head of the Department of Oceanography (1998-2007), head of the Department of Ecology and Coastal Management (2007-2011) and the group leader of the Associate Unit "Interdisciplinary Oceanography" between the University of Cádiz and the CSIC (2004-2011) and the group leader of the Associate Unit "Blue Growth" between IFAPA and CSIC.. He was Associate Professor of the University of Cadiz in the Physical-Chemistry Department (1994-1998). He has been lecture in Ph. D.Program MACOMA of EU and he is lecturer in several Master programs with mentions of excellence (e.g. Erasmus Mundus, WACOMA and Oceanography) and he is associated editor of the journals "Science of the Total Environment", Frontiers in Marine Sciences (Marine Pollution), and Environmental Toxicology and Chemistry and PeerJ and member of the editorial boards of the international journals Environment International, Marine Environmental Research and Data in Brief. The most of them Q1, according to the JCR (ISI Web of Knowledge). He has published more than 200 SCI articles and 15 book chapters. He has edited three books "Marine Ecotoxicology" from Elsevier and "Ecotoxicology of Nanoparticles in Aquatic Systems" from CRC and "Sunscreens in Coastal Ecosystems". He has been a supervisor of 16 Ph. D. theses and more than 20 Master theses. He has presented more than 250 communications at international congresses. He has been editor of several Special Issues of high impact journals. The scientific objectives, during his career, have been focused on the behaviour and distribution of legacy and emergent pollutants and their ecotoxicological effects. He has developed and applied novel bioassays and tools to assess the environmental risks associated with pollutants. Over the last years, he has focused on the study of emergent pollutants (pharmaceuticals and nanoparticles), due the current lack of knowledge, in order to improve the environmental risk assessment of these substances in aquatic ecosystems. The next steps of his research are focusing on the impact of contaminant mixtures (legacy and emergent), reflecting global changes scenarios. The objective is to develop new tools based on a depth scientific knowledge. For that, fate and behaviour of pollutants will be studied and the use of -omics techniques will be employed, in a general frame of ecotoxicogenomic approach. Our focal point is the use of an holistic approach for developing validated tools, based on sound scientific knowledge and usefulness for assessing the risk for aquatic ecosystems, in order to provide support of EU legislation (Water Framework Directive and Marine Directive Strategy).



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

Six-Years research, **6**,
Ph. D. supervisor: 16
H índice: 41 /SCOPUS)
Number of cites (2014-2018): 2307
Published papers ISI journals (2014-2018): 52 Q1: 78%
Total number of cites :4821
Published paper ISI journals: 203, Q1 (70%)
Information update 16/11/2020 Source: SCOPUS



Julián Blasco Moreno

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ScopusID: **7102318599**
ResearcherID: **A-5319-2008**
Contact aut. region/reg.: **Andalusia**
Personal web page: **julianblasco.weebly.com**

Current professional situation

Employing entity: CSIC **Type of entity:** Public Research Body
Department: Instituto de Ciencias Marinas de Andalucía
Professional category: Director
Start date: 23/01/2015
Dedication regime: Full time

Employing entity: CSIC **Type of entity:** State agency
Department: Ecology and Coastal Management, Instituto de Ciencias Marinas de Andalucía
Professional category: Investigador Científico
Start date: 28/11/2004
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 251010 - Shore and near-shore processes
Secondary (UNESCO code): 259900 - Other Earth, Space or Environmental specialities (specify)
Identify key words: Nanoparticles; Coastal pollution; Estuary; Risk assessment; Ecotoxicology; Global change; Metal pollution

Previous positions and activities

	Employing entity	Professional category	Start date
1	Consejo Superior de Investigaciones Científicas	Jefe Departamento Ecología y Gestión Costera	02/02/2007
2	Consejo Superior de Investigaciones Científicas	Responsable Unidad Asociada Oceanografía Interdisciplinar	01/01/2004
3	Consejo Superior de Investigaciones Científicas	Jefe de Departamento Oceanografía	20/02/1998
4	Consejo Superior de Investigaciones Científicas	Científico Titular	15/02/1988
5	Universidad de Cádiz	Profesor Asociado	01/10/1994
6	Instituto de Ciencias Marinas de Andalucía	Vicedirector	05/04/1994
7	CSIC	Becario postdoctoral	01/01/1986
8	Junta de Andalucía	Becario predoctoral	01/01/1984

	Employing entity	Professional category	Start date
9	Diputación de Cádiz	Becario Predoctoral en el ICMAN	01/01/1982
10	IFAPA-CSIC	Responsable Unidad Asociada "Blue Growth"	02/07/2019
11	Instituto Ciencias Marinas de Andalucía	Responsable Grupo Investigación	19/01/2001
12	Plan Andaluz de Investigación	Responsable Grupo Investigación RNM306	01/01/2000

- 1** **Employing entity:** Consejo Superior de Investigaciones Científicas
Professional category: Jefe Departamento Ecología y Gestión Costera
Start-End date: 02/02/2007 - 01/01/2011
Type of entity: State agency
Duration: 4 years
- 2** **Employing entity:** Consejo Superior de Investigaciones Científicas
Professional category: Responsable Unidad Asociada Oceanografía Interdisciplinar
Start-End date: 01/01/2004 - 01/01/2011
Type of entity: State agency
Duration: 7 years
- 3** **Employing entity:** Consejo Superior de Investigaciones Científicas
Professional category: Jefe de Departamento Oceanografía
Start-End date: 20/02/1998 - 01/02/2007
Type of entity: State agency
Duration: 8 years
- 4** **Employing entity:** Consejo Superior de Investigaciones Científicas
Professional category: Científico Titular
Start-End date: 15/02/1988 - 27/11/2004
Type of entity: State agency
Duration: 16 years - 9 months - 12 days
- 5** **Employing entity:** Universidad de Cádiz
Professional category: Profesor Asociado
Start-End date: 01/10/1994 - 30/09/1998
Type of entity: University
Duration: 4 years
- 6** **Employing entity:** Instituto de Ciencias Marinas de Andalucía
Professional category: Vicedirector
Start-End date: 05/04/1994 - 20/02/1998
Type of entity: State agency
- 7** **Employing entity:** CSIC
Professional category: Becario postdoctoral
Start-End date: 01/01/1986 - 14/12/1988
Duration: 2 years - 1 month - 15 days
- 8** **Employing entity:** Junta de Andalucía
Professional category: Becario predoctoral
Start-End date: 01/01/1984 - 31/12/1985
Type of entity: Comunidad Autónoma
Duration: 2 years
- 9** **Employing entity:** Diputación de Cádiz
Professional category: Becario Predoctoral en el ICMAN
Start-End date: 01/01/1982 - 28/02/1984
Type of entity: Institución provincial
Duration: 2 years - 2 months



- 10** **Employing entity:** IFAPA-CSIC
Professional category: Responsable Unidad Asociada "Blue Growth"
Start date: 02/07/2019

- 11** **Employing entity:** Instituto Ciencias Marinas de Andalucía **Type of entity:** R&D Centre
Professional category: Responsable Grupo Investigación
Start date: 19/01/2001

- 12** **Employing entity:** Plan Andaluz de Investigación **Type of entity:** PAI
Professional category: Responsable Grupo Investigación RNM306
Start date: 01/01/2000 **Duration:** 12 years - 11 months



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1** **University degree:** Tesina de Licenciatura
Name of qualification: Licenciado con Grado Ciencias Químicas
Degree awarding entity: Universidad de Cádiz **Type of entity:** University
Date of qualification: 01/09/1981
- 2** **University degree:** Higher degree
Name of qualification: Licenciado Ciencias Químicas
Degree awarding entity: Universidad de Cádiz **Type of entity:** University
Date of qualification: 01/06/1980

Doctorates

Doctorate programme: Programa Oficial de Doctorado en Ciencias Químicas
Degree awarding entity: Universidad de Sevilla **Type of entity:** University
Date of degree: 30/09/1985

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English		C1	C1	C1	C1

Teaching experience

General teaching experience

- 1** **Name of the course:** Efectos de la contaminación
University degree: Master Universitario en Contaminación, Toxicología y Sanidad Ambientales
Start date: 2012 **End date:** 2020
Entity: Universitat de València **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Biológicas
- 2** **Name of the course:** Master Gestión Integral del Agua
University degree: Master Gestión Integral Agua
Start date: 2017 **End date:** 2018
Entity: Universidad de Cádiz
Faculty, institute or centre: Facultad del CC Mar y Ambientales



- 3** **Name of the course:** Bioaccumulation and bioavailability of metals in aquatic organisms
University degree: Programa Pós-Graduação em Química (PPGQ)
Start date: 01/10/2014 **End date:** 08/10/2014
Entity: Universidad Estadual Paulista (Brasil) **Type of entity:** University
- 4** **Name of the course:** Mining spill
University degree: Programa Tempus-Phare
Start date: 2000 **End date:** 2000
Entity: Universidad de Bucarest **Type of entity:** University
- 5** **Name of the course:** Química del Medio Ambiente
University degree: Licenciado en Ciencias del Mar Orientación Medio Ambiente y Contaminación Marina
Start date: 1994 **End date:** 1998
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 6** **Type of teaching:** International teaching
Name of the course: TOOLS FOR HAZARD ASSESSMENT OF CHEMICAL AND COMPLEX ENVIRONMENTAL MEDIA
University degree: Master Erasmus Mundus Water and Coastal Management
Frequency of the activity: 2
Start date: 2019
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
City of entity: Puerto Real,
Subject language: English
- 7** **Name of the course:** Design and writing research projects (National, International , private and public funded)
University degree: Programa Oficial Doctorado Erasmus Munuds Marine and Coastal Management
Frequency of the activity: 4
Start date: 2012
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2
Entity: Universidad de Cádiz **Type of entity:** University
- 8** **Type of teaching:** International teaching
Name of the course: Bioaccumulation and bioavailability:keys for quality ecosystems
University degree: Master Erasmus Mundus Water and Coastal Management
Start date: 2011
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
City of entity: Puerto Real,
Subject language: English
- 9** **Type of teaching:** International teaching
Name of the course: Herramientas para la evaluación de la calidad de los ecosistemas litorales
University degree: Master Erasmus Mundus Water and Coastal Management
Frequency of the activity: 2
Start date: 2011
Entity: Universidad de Cádiz **Type of entity:** University



Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
City of entity: Puerto Real,
Subject language: English

- 10** **Name of the course:** Biogeoquímica marina. Metales trazas
University degree: Master Oceanografía
Start date: 2007
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 11** **Type of teaching:** Unofficial teaching
Name of the course: Herramientas para la evaluación de la calidad de los ecosistemas litorales
Type of subject: Especialización
University degree: Curso Especialización
Frequency of the activity: 5
Start date: 2006
Entity: FUECA-CSIC-Catedra UNESCO
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
City of entity: Puerto Real,
Subject language: English
- 12** **Name of the course:** Beses químicas para el estudio integrado del medio ambiente
University degree: Master Oceanología
Start date: 2006
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 13** **Name of the course:** Biogeoquímica Marina
University degree: Master Oceanología
Start date: 2006
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 14** **Type of teaching:** Official teaching
Name of the course: Metales trazas en ecosistemas litorales: especiación y biodisponibilidad
Type of programme: Doctorate
University degree: Programa de Doctorado Ciencias del Mar
Start date: 2005
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 15** **Name of the course:** Pathology, Physiology and Toxicology
University degree: Curso Internacional Leonardo EU
Start date: 1997
Entity: Universidad de Cádiz - CSIC
- 16** **Name of the course:** Bioindicadores de contaminación en ecosistemas litorales
University degree: Programa de doctorado Instrumentación y simulación en Química-Física
Start date: 1996
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias



- 17** **Name of the course:** Contaminacion por metales pesados y sus efectos biologicos
University degree: Programa de Doctorado Oceanografia y Medio Ambiente
Start date: 1994
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 18** **Name of the course:** Fundamentos y Aplicación de la Espectrometría de Absorción Atómica
University degree: Programa de doctorado Instrumentación y simulación en Química-Física
Start date: 1993
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 19** **Name of the course:** Indicadores por contaminación de metales pesados en el medio litoral
University degree: Programa de Doctorado Biología, Medio Ambiente y Gestion de Recursos Marinos
Start date: 1993
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 20** **Name of the course:** Contaminación por metales pesados y sus efectos biológicos
University degree: Programa de Doctorado Gestión de sistemas litorales y explotación de recursos marinos
Start date: 1992
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 21** **Name of the course:** Procesos fisicoquímicos en ecosistemas litorales
University degree: Programa de Doctorado Gestión de sistemas litorales y explotación de recursos marinos
Start date: 1991
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 22** **Name of the course:** Contaminación marina y efectos biológicos
University degree: Programa de Doctorado Ciencias del Mar
Start date: 1988
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 23** **Name of the course:** Físicoquímica de ecosistemas litorales
University degree: Programa de Doctorado Ciencias del Mar
Start date: 1988
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 24** **Name of the course:** Fitoplancton de ecosistemas litorales
University degree: Programa de Doctorado Ciencias del Mar
Start date: 1988
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales



- 25** **Name of the course:** Química Marina
University degree: Programa de Doctorado Ciencias del Mar
Start date: 1987
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales
- 26** **Name of the course:** Técnicas básicas en Oceanografía
University degree: Programa de Doctorado Ciencias del Mar
Start date: 1987
Entity: Universidad de Cádiz **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar y Ambientales

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Inmunotoxicidad de nanoplásticos de poliestireno en las distintas subpoblaciones de hemocitos del mejillón mediterráneo; *Mytilus galloprovincialis*
Entity: Universidad de Cádiz **Type of entity:** University
Student: Maria Isabel Carrasco Braganza
Date of reading: 2020
- 2** **Project title:** Distribución espacial y temporal de la contaminación por metales pesados y REE en el cauce bajo del Guadalquivir (Desembocadura- Presa Alcalá del Río)
Type of project: TFM
Entity: Universidad de Cádiz **Type of entity:** University
Student: Antonio Jesús Diosdado Aragón
Date of reading: 23/09/2019
- 3** **Project title:** Mercurio en el Golfo de Cádiz: *Thunnus thynnus* y *Thunnus alalunga* como vector de contaminación
Type of project: TFM
Entity: Universidad de Cádiz **Type of entity:** University
Student: Hortensia Delgado Durán
Date of reading: 23/09/2019
- 4** **Project title:** Evaluación de la contaminación por compuestos farmacéuticos en organismos modelos (*Tisbe battagliai*, *Procambarus clarkii*, *Ruditapes philippinarum* y *Scrobicularia plana*). Una aproximación ecotoxicológica
Type of project: Doctoral thesis
Co-director of thesis: Julian Blasco; Miriam Hampel
Entity: Universidad de Cádiz **Type of entity:** University
Student: Chiara Trombini
Obtained qualification: Sobresaliente cum laude
Date of reading: 11/07/2019
Date of recognition: 11/07/2019
Quality recognition: Yes
- 5** **Project title:** Bioaccumulation of copper (CuONPs vs ionic Copper) from sediments in the clam *Scrobicularia plana*
Co-director of thesis: Olivia Campana; Elena Fabbri; Julian Blasco
Entity: Universidad de Bolonia
City of entity: Italy
Student: Silvia Scola



Date of reading: 2019

- 6** **Project title:** Spatial avoidance, inhibition of recolonisation and population isolation in zebrafish, "Danio rerio" caused by copper exposure under a non-force approach
Type of project: Master Thesis
Co-director of thesis: Julián Blasco; Cristiano Araujo
Entity: Universidad de Cádiz **Type of entity:** University
Student: Mohammed Ariful Islam
Obtained qualification: Sobresaliente
Date of reading: 2018
- 7** **Project title:** Factors and mechanisms of metal nanoparticle toxicity
Type of project: Doctoral thesis
Co-director of thesis: Julian Blasco; Miriam Hampel
Entity: Universidad de Cádiz **Type of entity:** University
Student: Moritz Volland
Date of reading: 2017
Quality recognition: Yes
- 8** **Project title:** Metallic nanoparticles (TiO₂, CeO₂ and Ag): behaviour, bioavailability, ecotoxicity and bioaccumulation in freshwater and marine organisms
Type of project: Doctoral thesis
Co-director of thesis: Julián Blasco; Ignacio Moreno Garrido
Entity: Universidad de Cádiz
Student: Marta Sendra Vega
Obtained qualification: Sobresaliente cum laude
Date of reading: 2017
Quality recognition: Yes
- 9** **Project title:** The importance of dissolved trace metals at very low concentrations, in the Spanish Hydrographic Confederations coastal waters
Type of project: Master thesis
Co-director of thesis: Antonio Tovar
Entity: Universidad de Cádiz **Type of entity:** University
Student: Cira Buonacore
Date of reading: 2017
- 10** **Project title:** Estudio metabólico y metabolómico de bioindicadores de áreas costeras y estuarinas del SO. de la Península Ibérica
Type of project: Doctoral thesis
Co-director of thesis: Jose Luis Gómez-Ariza; Tamara García-Barrera; Julián Blasco
Entity: Universidad de Huelva **Type of entity:** University
Student: Amanda Gago Tinoco
Obtained qualification: Sobresaliente
Date of reading: 2016
Quality recognition: Yes
- 11** **Project title:** Evaluación del riesgo ambiental de compuestos farmacéuticos: Atyaephyra desmarestii y Chironomus riparius. Influencia del forzamiento por temperatura
Type of project: Doctoral thesis
Entity: Universidad de Cádiz



Student: Elena Nieto Cristobal

Obtained qualification: Sobresaliente cum laude por unanimidad

Date of reading: 2016

- 12** **Project title:** Efectos de la acidificación por fugas de CO₂ en la biodisponibilidad de metales en los sedimentos marinos
Type of project: Doctoral thesis
Co-director of thesis: Julian Blasco; Inmaculada Riba López
Entity: Universidad de Cádiz **Type of entity:** University
Student: Araceli Rodriguez Romero
Obtained qualification: Sobresaliente cum laude
Date of reading: 2014
European doctorate: 09/12/2014 **Date of recognition:** 09/12/2014
Quality recognition: Yes **Date of award:** 09/12/2014
- 13** **Project title:** Impact of possible CO₂ leakage from sub seabed storage site in the mobility of some trace metals
Type of project: Master Thesis
Co-director of thesis: Julian Blasco; Araceli Rodriguez Romero
Entity: Universidad de Cádiz **Type of entity:** University
Student: Sinini Abdesalem
Obtained qualification: Sobresaliente
Date of reading: 2014
Quality recognition: No
- 14** **Project title:** Bioensayos de toxicidad en epífitos marinos anclados sobre mimes de silicona en localizaciones submareales
Type of project: Tesis de Master
Co-director of thesis: Ignacio Moreno Garrido
Entity: Universidad de Cádiz **Type of entity:** University
Student: Elena Crespo García
Date of reading: 2012
- 15** **Project title:** Efecto de los contaminantes emergentes sobre organismos en ecosistemas acuáticos
Type of project: Tesis de Master
Co-director of thesis: Miriam Hampel
Entity: Universidad de Cádiz **Type of entity:** University
Student: Elena Nieto Cristobal
Date of reading: 2012
- 16** **Project title:** Estudio de bioindicadores de estres oxidativo en microalgas marinas
Type of project: Tesis de Master
Co-director of thesis: Ignacio Moreno Garrido
Entity: Universidad de Cádiz **Type of entity:** University
Student: Pablo Lozano
Date of reading: 2012
- 17** **Project title:** Evaluación de la toxicidad letal y subletal de nanopartículas de oro y oro disuelto en organismos acuáticos
Type of project: Tesis de Master
Entity: Universidad de Cádiz **Type of entity:** University
Student: Jorge Otero Albiol



Date of reading: 2012

- 18** **Project title:** Exposición del molusco *Ruditapes philippinarum* a nanopartículas de oro: Estudio de localización mediante microscopía electrónica
Type of project: Work leading to an ASD
Co-director of thesis: A. Fernández; J. Blasco
Entity: Universidad de Sevilla **Type of entity:** University
Student: Carlos García-Negrete
Date of reading: 2011
- 19** **Project title:** Bioaccumulation and effects of gold nanoparticles on the clam, *Ruditapes philippinarum*
Type of project: Tesis de Master
Entity: Universidad de Plymouth **Type of entity:** University
Student: Moritz Volland
Date of reading: 2011
- 20** **Project title:** *Crassostrea angulata* (Lamarck, 1819) un organismo modelo para el estudio de la contaminación y polución metálica en ecosistemas litorales
Type of project: Doctoral thesis
Co-director of thesis: Ignacio Moreno-Garrido
Entity: Universidad de Cádiz **Type of entity:** University
Student: Dayanara Macías Mayorga
Obtained qualification: Sobresaliente cum laude
Date of reading: 2010
- 21** **Project title:** Desarrollo de ensayos ecotoxicológicos sobre microalgas bentónicas
Type of project: Doctoral thesis
Entity: Universidad de Cádiz **Type of entity:** University
Student: Cristiano Araujo
Obtained qualification: Premio Extraordinario Doctorado
Date of reading: 2010
Date of recognition: 2010
Quality recognition: Yes
- 22** **Project title:** Distribution of Trace Metal and Metalloid in the Sediment of Sancti Petri Channel, Spain
Type of project: Tesis de Master
Entity: Universidad de Cádiz **Type of entity:** University
Student: Kurshid Alam Bhuiyan
Date of reading: 2010
- 23** **Project title:** Effect of the anti epileptic drug Carbamazepine (CBZ) on the survival of larvae of the Gilthead Seabream, *Sparus aurata*
Type of project: Tesis de Master
Entity: Universidad de Cádiz **Type of entity:** University
Student: Siddhi Ramesh Prabhukonkar
Date of reading: 2010
- 24** **Project title:** Influencia de la fases de crecimiento de *Isochrysis galbana* en el contenido en vitamina C y metales trazas (hierro, cobre y zinc) del rotífero *Brachionus* sp
Type of project: Tesis de Master
Entity: Universidad de Cádiz **Type of entity:** University



Student: Eduardo Jimenez

Date of reading: 2010

- 25** **Project title:** Las fitoquelatinas como biomarcadores de toxicidad por metales en microalgas
Type of project: Tesis de Master
Entity: Universidad de Cádiz **Type of entity:** University
Student: Sara Perez
Date of reading: 2010
- 26** **Project title:** Proteínas de estrés térmico como marcadores de toxicidad en microalgas marinas
Type of project: Tesis de Master
Entity: Universidad de Cádiz **Type of entity:** University
Student: Ana Franzón
Date of reading: 2010
- 27** **Project title:** Sediment metal concentrations (Hg, Cd and Pb) in salt marshes area of Cádiz Bay
Type of project: Tesis de Master
Entity: Universidad de Cádiz **Type of entity:** University
Student: Suresh Varma Kamella
Date of reading: 2010
- 28** **Project title:** Arsenic and trace metals pollution in floodplains soil of Bangladesh
Type of project: Doctoral thesis
Entity: Universidad de Cádiz
Student: Dewan Ashan
Date of reading: 2009
Date of recognition: 2009
Quality recognition: Yes
- 29** **Project title:** Destino y efectos de tensioactivos en el medio marino
Type of project: Doctoral thesis
Co-director of thesis: Ali Temara
Entity: Universidad de Cádiz
Student: Aourell Mauffret
Date of reading: 2009
Date of recognition: 2009
Quality recognition: Yes
- 30** **Project title:** Influencia de los valores de pH y salinidad en la biodisponibilidad de metales y metaloides en sedimentos acuáticos
Type of project: Doctoral thesis
Entity: Universidad de Cádiz **Type of entity:** University
Student: Judit Kalman
Date of reading: 2009
Date of recognition: 2009
Quality recognition: Yes
- 31** **Project title:** Spatial and vertical distribution of metals in sediments from a freshwater ecosystem (the Guadalquivir river, SW Iberian peninsula)
Type of project: Tesis de Master
Entity: Universidad de Cádiz **Type of entity:** University



Student: Abubakar Ansari
Date of reading: 2009

- 32** **Project title:** Sensibilidad de *Cylindrotheca closterium* (Ehremberg) Lewin and Reimann al cobre usando tres indicadores de toxicidad diferentes
Type of project: Minor thesis
Entity: Universidad de Cádiz
Student: Cristiano Araujo
Date of reading: 2008
- 33** **Project title:** Biomarcadores en los sistemas litorales del SO. de la Península Ibérica
Type of project: Tesis de Master
Entity: Universidad de Cádiz
Student: Araceli Rodriguez Romero
Date of reading: 2008
- 34** **Project title:** Composition and distribution of polycyclic aromatic hydrocarbons in the superficial sediments from the Sancti-Petri Channel, Cadiz, Spain
Type of project: Tesis de Master
Entity: Universidad de Cádiz
Student: Fangting Ye
Date of reading: 2008
Type of entity: University
- 35** **Project title:** Acumulación del Cd y su efecto tóxico en *Crassostrea angulata*: experimentos en sistemas de flujo continuo.
Type of project: Work leading to an ASD
Entity: Universidad de Cádiz
Student: Dayanara Macías Mayorga
Date of reading: 2007
- 36** **Project title:** Especiación de metales y efectos sobre los organismos marinos en sedimentos estuáricos. El estuario del río Guadalete
Type of project: Doctoral thesis
Entity: Universidad de Cádiz
Student: Olivia Campana
Date of reading: 2006
Type of entity: University
- 37** **Project title:** Variazioni stagionali della concentrazione di metalli e dei livelli di metallothioneine nel mollusco *Crassostrea angulata* nell'estuario del Guadalquivir (Spagna)
Type of project: Tesis di laurea
Entity: Universidad de Bolonia
Student: Chiara Trombini
Date of reading: 2006
- 38** **Project title:** Evaluación del impacto de la contaminación metálica mediante una aproximación jerarquizada sobre poblaciones de *Uca tangeri* y *Scrobicularia plana* en un ecosistema litoral. Caño Sancti-Petri
Type of project: Doctoral thesis
Entity: Universidad de Cádiz
Student: Eduardo Cargnin Ferreira
Date of reading: 2005
Date of recognition: 2005
Type of entity: University



Quality recognition: Yes

- 39** **Project title:** Efectos del Lineal Alquilbenceno Sulfonato (LAS) sobre organismos marinos : Implicaciones ecotoxicológicas
Type of project: Doctoral thesis
Entity: Universidad de Cádiz **Type of entity:** University
Student: Miriam Hampel
Date of reading: 2003
- 40** **Project title:** Toxicidad de los homólogos del lineal alquilbenceno sulfonato sódico (LAS) y de su intermedio de degradación ácido sulfofenil carboxílico (SPC-C11) sobre embriones y larvas de dorada (*Sparus aurata*).
Type of project: Minor thesis
Entity: Universidad de Cádiz **Type of entity:** University
Student: Miriam Hampel
Date of reading: 2000
- 41** **Project title:** Distribución espacial y especiación de metales pesados en sedimentos y agua intersticial de tres sistemas litorales del golfo de Cádiz
Type of project: Doctoral thesis
Entity: Universidad de Cádiz **Type of entity:** University
Student: Verónica Saenz Arreucochea
Date of reading: 1998
- 42** **Project title:** Caracterización de las actividades fosfatásicas ácida y alcalina en *Scrobicularia plana*. Efecto de los metales Hg, Cd, Cu y Zn
Type of project: Minor thesis
Entity: Universidad de Cádiz **Type of entity:** University
Student: María Teresa Mazorra Fernández
Date of reading: 1996
- 43** **Project title:** Caracterización cinética y efectos de los metales pesados Cd, Pb y Cu en las enzimas aspartato y alanina aminotransferasas del molusco bivalvo *Ruditapes philippinarum* (Adams y Revve, 1850)
Type of project: Doctoral thesis
Entity: Universidad de Cádiz **Type of entity:** University
Student: Jaime Puppo Lama
Date of reading: 1995

Student tutorials

Name of the programme: Becas de Introducción a la investigación
Entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Frequency of the activity: 6
Number of tutored students: 6



Other activities/achievements not included above

- 1** **Description of the activity:** Conferencia invitada "Nanopartículas una nueva fuente de contaminación en los ecosistemas acuáticos"
Organising entity: Facultad de Ciencias-Universidad de Córdoba
Type of entity: University
End date: 19/02/2019
- 2** **Description of the activity:** Conferencia invitada "Nanopartículas: Riesgo y evaluación en los ecosistemas acuáticos"
Organising entity: Centro de Investigación en Recursos Naturales, Salud y Medio Ambiente
Type of entity: University Research Institute
End date: 21/11/2018
- 3** **Description of the activity:** Conferencia invitada en el SETAC Latin-american 12th Biennial meeting "Metals in coastal ecosystems. Old problemas and new challenges"
Organising entity: SETAC
Type of entity: Associations and Groups
End date: 2017
- 4** **Description of the activity:** Conferencia invitada : "Nanopartículas metálicas: Algunas certezas e incertidumbres en la evaluación de su riesgo ambiental"
Organising entity: Departamento Química y Ciencia de los Materiales
Type of entity: University Department
End date: 10/11/2016
- 5** **Description of the activity:** Conferencia invitada XIV Congresso Brasileiro de Ecotoxicologia "Pharmaceuticals: mixture toxicity, environmental forcing and chirality: Gaps and challenges"
City of activity: Curitiba, Brazil
Organising entity: Sociedade Brasileira de Ecotoxicologia
Type of entity: Public Research Body
End date: 08/09/2016
- 6** **Description of the activity:** KeyNote CICTA 2015 Congress Sediment toxicity test
Organising entity: CICTA 2015 UTAD
End date: 14/07/2015
- 7** **Description of the activity:** Conferencia invitada "Captación y almacenamiento de CO2 en estructuras geológicas submarinas y posibles efectos derivados de la liberación accidental sobre la biota"
Organising entity: Universitat de València
Type of entity: University
End date: 2014
- 8** **Description of the activity:** Conferencia invitada "Metal nanoparticles: facts and gaps in aquatic environmental risk assessment" Masetr Contaminación y Toxicología Ambiental
Organising entity: Universitat de València
Type of entity: University
End date: 2013
- 9** **Description of the activity:** Conferencia invitada " Nanopartículas metálicas: Cuestiones por resolver en la evaluación de riesgo en ecosistemas acuáticos" Master Oficial en Contaminación y Toxicología y Sanidad Ambientales de la Universitat de València
Organising entity: Universitat de València



End date: 2012

- 10 Description of the activity:** Conferencia invitada en el Master Cambio global
City of activity: Palma de Mallorca,
Organising entity: UIMP-CSIC
End date: 2010
- 11 Description of the activity:** Director del Curso "Buceo Científico"
Organising entity: FUECA-CSIC-Cátedra UNESCO
End date: 2010
- 12 Description of the activity:** Director del curso "Herramientas para la evaluación de la calidad de ecosistemas litorales"
City of activity: Puerto Real,
Organising entity: FUECA-CSIC-Catedra UNESCO
End date: 2010
- 13 Description of the activity:** Miembro Comisión Académica Programa Doctorado Gestión y conservación del mar
Organising entity: Universidad de Cádiz **Type of entity:** University
- 14 Description of the activity:** Responsable de la línea de Investigación del Programa de Doctorado "Gestión y Conservación del Mar"
Organising entity: Universidad de Cádiz-EIDEMAR-CEIMAR **Type of entity:** University
- 15 Description of the activity:** Responsable línea investigación Ph. D. Erasmus Program "Bioaccumulation and bioavailability for quality ecosystems"
City of activity: Puerto Real,
Organising entity: Ph. D. Erasmus Mundus Program **Type of entity:** University

Scientific and technological experience

Research and development groups/teams

Name of the group: Ecotoxicología, ecofisiología y biodiversidad de sistemas acuáticos

Aims of the group: Investigación

Name of principal investigator: Julian Blasco Moreno

Standardised code: RNM306

Type of collaboration: Co-authorship of projects and their development

Affiliation entity: Instituto Ciencias Marinas de Andalucía (CSIC)

Type of entity: State agency

Start date: 2000

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** ADVANCED BIOMICROFLUIDIC TECHNOLOGY FOR HIGH-THROUGHPUT INTEGRATED ANALYSIS OF MULTI-LEVEL BIOLOGICAL RESPONSES IN ECOTOXICOLOGICAL RESEARCH

Entity where project took place: Universidad de Cádiz **Type of entity:** University

Name principal investigator (PI, Co-PI....): Olivia Campana

Nº of researchers: 4

Funding entity or bodies: Centro de Investigación y Formación Agroalimentaria **Type of entity:** Body, others Córdoba

Type of participation: Team member

Code according to the funding entity: FEDER-UCA18-108163

Start-End date: 2020 - 2023

Total amount: 155.000 €

Dedication regime: Part time
- 2** **Name of the project:** Impacto de las Cremas Solares en Zonas Costeras de Andalucía: Requisito para un Turismo Sostenible. CreMar

Entity where project took place: Universidad de Cádiz **Type of entity:** University

Name principal investigator (PI, Co-PI....): Araceli Rodríguez-Romero

Start-End date: 2020 - 2023

Total amount: 56.169,43 €
- 3** **Name of the project:** EL MICROBIOMA AMBIENTAL: UNA HERRAMIENTA PARA EVALUAR EL IMPACTO DE LOS CONTAMINANTES CLASICOS Y EMERGENTES EN AREAS COSTERAS.PID2019-110049RB-I00

Entity where project took place: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): Julian Blasco; Jose Alhama

Funding entity or bodies: Plan Nacional I+D+i **Type of entity:** Public Research Body

Start-End date: 2020 - 2022

Total amount: 181.500 €
- 4** **Name of the project:** Plataforma instrumental avanzada para el estudio de metales trazas y nanopartículas metálicas y sus efectos en ecosistemas marinos (PIAMEM)

Entity where project took place: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): Julian Blasco

Funding entity or bodies: PAIDI 2020

Start-End date: 2020 - 2022

Total amount: 139.994 €



- 5** **Name of the project:** Non forced multi-compartment exposure system complementary ecotoxicological approach for assessing environmental disturbance (MULTICECOTOX) COOPB20444
Entity where project took place: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Cristiano Araujo
Nº of researchers: 9
Funding entity or bodies: Agencia Estatal Consejo Superior de Investigaciones Científicas
Start-End date: 2020 - 2021
Total amount: 23.700 €
- 6** **Name of the project:** RED CIENTIFICA SOBRE LOS RIESGOS DE LA CONTAMINACION Y ESCASEZ DEL AGUA EN ECOSISTEMAS ACUATICOS IBERICOS EN UN CONTEXTO DE CAMBIO GLOBAL: RECOMENDACIONES DE GESTION RED2018-102737-T
Entity where project took place: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Damià Barceló
Nº of researchers: 11
Funding entity or bodies: Plan Estatal de Investigación Científica y Técnica y de Innovación
Start-End date: 2020 - 2021
Total amount: 31.000 €
- 7** **Name of the project:** Sistema de cultivo multi-especie de zoo y fitoplancton para experimentación en el ICMAN-CSIC
Entity where project took place: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Julián Blasco
Start-End date: 2019 - 2021
Total amount: 90.703,02 €
- 8** **Name of the project:** CAMBIO EN EL PARADIGMA DE LOS ENSAYOS DE ECOTOXICIDAD APLICADOS EN LA EVALUACION DE RIESGO AMBIENTAL: DE LA TOXICIDAD A LA SELECCION DE HABITAT, CGL2017-92160-EXP
Entity where project took place: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Julián Blasco
Funding entity or bodies: Plan estatal I+D+I 2013-2016
Start-End date: 2018 - 2020
- 9** **Name of the project:** Adquisición ICP-OES para la compleción de la plataforma instrumental para el estudio de metales trazas y nanopartículas metálicas y sus efectos en ecosistemas marinos (PIAMEM)
Entity where project took place: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Julián Blasco
Start-End date: 2018 - 2019
Total amount: 107.761 €



- 10** **Name of the project:** Citotoxicidad de nanoplásticos de poliestireno en el sistema inmune del bivalvo; Mytilus galloprovincialis. (sTOP; TOxicity Plastic)
Entity where project took place: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Marta Sendra
Funding entity or bodies: Fundación CEIMAR **Type of entity:** Foundation
Start-End date: 2018 - 2019
Total amount: 4.000 €
- 11** **Name of the project:** CONTAMINANTES EMERGENTES EN SISTEMAS COSTEROS: DISTRIBUCION Y EFECTOS BIOLÓGICOS. DEL LABORATORIO AL CAMPO
Type of project: Research and development, including transfer
Entity where project took place: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Julián Blasco
Nº of researchers: 5
Funding entity or bodies: Plan Nacional I+D+I **Type of entity:** State agency
Code according to the funding entity: CTM2016-75908-R
Start-End date: 2017 - 2019 **Duration:** 3 years
Total amount: 159.000 €
- 12** **Name of the project:** Estudo ecotoxicológico e avaliação do risco ambiental de drogas ilícitas em ecossistemas marinhos
Entity where project took place: Universidad Santos **Type of entity:** University
City of entity: Santos, Brazil
Name principal investigator (PI, Co-PI....): Camilo Dias Seabra Pereira
Funding entity or bodies: FAPESP
Start-End date: 2016 - 2018
- 13** **Name of the project:** Red CONSOLIDER sobre los efectos de la escasez de agua y el cambio global en los sistemas fluviales
Entity where project took place: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Damia Barceló Culleres
Nº of researchers: 12
Start-End date: 01/12/2015 - 30/11/2017
Total amount: 51.500 €
- 14** **Name of the project:** Nanopartículas metálicas (Cu, Zn, Ce y Ti): biodisponibilidad, bioacumulación transferencia trófica, ecotoxicidad y riesgo asociado en organismos marinos y estuáricos RNM7812.
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** Regional
Degree of contribution: Coordinator of total project, network or consortium
City of entity: Andalusia, Spain
Name principal investigator (PI, Co-PI....): Julian Blasco Moreno
Name of the programme: Proyecto Excelencia Junta Andalucía
Start-End date: 04/02/2013 - 03/02/2017 **Duration:** 4 years



Total amount: 218.528,18 €

- 15 Name of the project:** Evaluación de los efectos de los contaminantes convencionales y emergentes en ecosistemas acuáticos. Ensayos de exposición controlada y validación en ecosistemas estuáricos CTM2012-38720-C03-03
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Julian Blasco Moreno
Name of the programme: Plan Nacional de Investigación Científica, Desarrollo e Innovación Tecnológica 2008-2011
Start-End date: 01/02/2013 - 30/01/2016 **Duration:** 3 years
Sub-project amount: 54.990 €
Dedication regime: Full time
- 16 Name of the project:** Plataforma instrumental para el estudio de procesos biogeoquímicos y ecotoxicológicos en ecosistemas marinos (PIBECO)
Entity where project took place: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Julian Blasco
Nº of researchers: 3
Funding entity or bodies: Ministerio de Economía y Competitividad **Type of entity:** Ministerio
Start-End date: 2015 - 2015
Total amount: 177.138,96 €
- 17 Name of the project:** Efectos de la acidificación por procesos de mitigación en la biodisponibilidad y toxicidad de contaminantes asociados con sedimentos marinos (RIACAP_CO2).
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Julián Blasco
Funding entity or bodies: Proyectos Excelencia Plan Andaluz de Investigación
Start-End date: 01/01/2009 - 31/12/2013 **Duration:** 3 years
- 18 Name of the project:** GENERA
Name principal investigator (PI, Co-PI....): Miriam Hampel
Funding entity or bodies: FP7-PEOPLE-2009-IRSES EU
Start-End date: 01/01/2009 - 31/12/2013
- 19 Name of the project:** Fate, behaviour and ecotoxicity of pharmaceutical compounds in marine ecosystems: Cadiz bay and Gdansk Gulf
Geographical area: Non EU International
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO
Nº of researchers: 3
Type of participation: Co-ordinator
Name of the programme: CSIC-IOPAN
Code according to the funding entity: 2010PL0014
Start-End date: 01/01/2011 - 31/12/2012



- 20** **Name of the project:** Environmental risk assessment of four pharmaceuticals compounds employing genomics tools and seabream *Sparus aurata*
Name principal investigator (PI, Co-PI....): Julian Blasco (scientist in charge)
Funding entity or bodies:
FP-7
Marie Curie Actions. European Reintegration Grants
Start-End date: 01/01/2009 - 2012 **Duration:** 3 years
- 21** **Name of the project:** Evaluación de la contaminación en el Mediterráneo Occidental (Marruecos-España) y su gestión sostenible mediante el análisis de bioacumuladores
Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO
Nº of researchers: 4
Code according to the funding entity: A/026238/09
Start-End date: 01/01/2010 - 31/12/2010
Total amount: 8.000 €
- 22** **Name of the project:** Analisis y modelado de la incorporacion de metales en organismos procedentes de lixiviacion de sedimentos marinos en contacto con fugas de CO2 de procesos CS-SSGS
Name principal investigator (PI, Co-PI....): Inmaculada Riba
Funding entity or bodies:
CTM2008-06344-C03-02/TECNO)
Ministerio de Ciencia e Innovación (PN I+D+i)
Start-End date: 01/01/2008 - 31/12/2010 **Duration:** 3 years
- 23** **Name of the project:** Capacidad de biocaptación de CO2 por microalgas marinas: implicaciones en el cambio global
Name principal investigator (PI, Co-PI....): Jesús Forja Pajares
Funding entity or bodies:
CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA **Type of entity:** Associations and Groups
Junta de Andalucía - Proyectos de Excelencia
Start-End date: 01/01/2008 - 31/12/2010 **Duration:** 2 years
Participating entity/entities: CSIC; Universidad de Cádiz; Universidad de Córdoba
- 24** **Name of the project:** Red de conocimiento científico-técnico ambiental para el desarrollo sostenible y la protección de la contaminación y sus efectos en el medio marino costero (PROMAR)
Name principal investigator (PI, Co-PI....): Tomás Ángel del Valls
Funding entity or bodies:
Ministerio de Educación y Ciencia. Plan Nacional I+D CTM2006-28144-E/TECNO)
Start-End date: 01/01/2007 - 31/12/2008 **Duration:** 1 year
- 25** **Name of the project:** Desarrollo de biosensores de microalgas para la medida de la toxicidad en sistemas acuáticos
Name principal investigator (PI, Co-PI....): Luis M. Lubián Chaichío
Funding entity or bodies:
PETRI
Start-End date: 01/01/2006 - 31/12/2007 **Duration:** 1 year



Total amount: 37.377 €

- 26** **Name of the project:** Evaluación de la bioacumulación y los efectos por Plomo y otros metales en la desembocadura del río Guadiana, costa Española. INTERREG-UTPIA
Name principal investigator (PI, Co-PI....): Inmaculada Riba López
Funding entity or bodies:
Universidad de Huelva. INTERREG.
Start-End date: 01/01/2005 - 31/12/2007 **Duration:** 2 years
Participating entity/entities: Universidad de Cádiz/CSIC
- 27** **Name of the project:** Biodisponibilidad y toxicidad de metales pesados en agua de mar: El modelo del ligando biótico para Cd y Ag en el pez Sparus aurata
Name principal investigator (PI, Co-PI....): Julián Blasco
Funding entity or bodies:
CSIC-GRICES
Start-End date: 01/01/2004 - 31/12/2005 **Duration:** 1 year
Participating entity/entities: CSIC (ICMAN)- University of Algarve
- 28** **Name of the project:** Biomarcadores como herramientas útiles en la gestión integrada de zonas costeras
Name principal investigator (PI, Co-PI....): Montserrat Solé Rovira
Funding entity or bodies:
CSIC-CNR Italia
Start-End date: 01/01/2003 - 31/12/2004 **Duration:** 1 year
Participating entity/entities: CSIC (ICMAN)- Istituto di Biología del Mare
- 29** **Name of the project:** Calidad ambiental en ecosistemas litorales mediante el uso de biomarcadores moleculares en peces
Name principal investigator (PI, Co-PI....): Montserrat Solé Rovira
Funding entity or bodies:
CSIC-CONACYT
Start-End date: 01/01/2003 - 31/12/2004 **Duration:** 1 year
Participating entity/entities: CSIC-Centro Investigación en Alimentación y Desarrollo (México)
- 30** **Name of the project:** Empleo de biomarcadores para el estudio de contaminación ambiental en zonas costeras: Atlántico, Mediterráneo y Báltico
Name principal investigator (PI, Co-PI....): Montserrat Solé Rovira
Funding entity or bodies:
CSIC-Academia de Ciencias de Polonia
Start-End date: 01/01/2003 - 31/12/2004 **Duration:** 1 year
Participating entity/entities: CSIC (ICMAN)-Institute of Oceanology (Polish Academia Sciences)
- 31** **Name of the project:** Diseño y aplicación de métodos integrados para evaluar la peligrosidad de los fangos de dragados en puertos españoles
Name principal investigator (PI, Co-PI....): Angel Del Valls Casillas
Funding entity or bodies:
Plan Nacional-Ministerio de Fomento
Start-End date: 01/01/2002 - 31/12/2004 **Duration:** 3 years
Participating entity/entities: UCA-CSIC



- 32** **Name of the project:** Evaluación del riesgo ambiental de la contaminación metálica en escenarios del alto valor ecológico: Las marismas del SO. de la Península Ibérica
Name principal investigator (PI, Co-PI....): Julián Blasco
Funding entity or bodies:
CSIC-ICCIT
Start-End date: 01/01/2002 - 31/12/2003 **Duration:** 1 year
Participating entity/entities: ICMAN (C.S.I.C.)- Universidad Algarve
- 33** **Name of the project:** Estudio de la situación ambiental y sanitaria del entorno de la Ría de Huelva
Name principal investigator (PI, Co-PI....): Juan Luis Ramos; M^a José González
Funding entity or bodies:
CICYT AMB1999-1778E
Start-End date: 01/01/2000 - 31/12/2001 **Duration:** 1 year
Participating entity/entities: Estación Experimental Zaidín-IQOG-ICMAN
- 34** **Name of the project:** Cambios en el ciclo del fósforo y sus repercusiones ambientales en una cuenca de pequeño tamaño (Rio Palmones, Cádiz)
Name principal investigator (PI, Co-PI....): X. Niell Castanera.
Funding entity or bodies:
Plan Nacional de Investigación (CICYT) (AMB96-0782)
Start-End date: 01/01/1996 - 31/12/1998
Participating entity/entities: CSIC-UCA-Univ. Málaga Duración, desde: 1996 hasta: 1999
- 35** **Name of the project:** Estudio del posible papel antioxidante de las metalotioneinas en las células de organismos marinos
Name principal investigator (PI, Co-PI....): Julián Blasco
Funding entity or bodies:
Comisión Mixta Hispano-Italiana
Start-End date: 01/01/1995 - 31/12/1996
Participating entity/entities: CSIC-Universidad de Génova Duración, desde: 1995 hasta: 1997
- 36** **Name of the project:** Aplicación de un método integrado para la medida de la calidad ambiental en sedimentos de tres ecosistemas litorales del golfo de Cádiz.
Name principal investigator (PI, Co-PI....): A. Gómez-Parra
Funding entity or bodies:
Plan Nacional de I+D (CYCYT) (AMB94-0291)
Start-End date: 01/01/1994 - 31/12/1996
Participating entity/entities: CSIC Duración, desde:1994 hasta: 1997
- 37** **Name of the project:** Metabolismo del fósforo orgánico y fisiología del crecimiento en microalgas marinas
Name principal investigator (PI, Co-PI....): L.M. Lubián Chaichio
Funding entity or bodies:
Plan Nacional de Investigación (CICYT) (MAR 88-0141)
Start-End date: 01/01/1989 - 31/12/1991
Participating entity/entities: CSIC Duración, desde: 1989 hasta: 1991



- 38** **Name of the project:** Ecofisiología del cultivo de almejas (*Venerupis decussata* y *Venerupis semidecussata*) en salinas
Name principal investigator (PI, Co-PI....): Prof. R. Establier Torregrosa
Funding entity or bodies:
Plan Andaluz de Investigación
Start-End date: 01/01/1988 - 31/12/1990
Participating entity/entities: CSIC Duración, desde:1988 hasta: 1990
- 39** **Name of the project:** Estudio ecológico sobre la regeneración de nutrientes y transformación de la biomasa en esteros de las salinas de Cádiz
Name principal investigator (PI, Co-PI....): Prof. R. Establier Torregrosa
Funding entity or bodies:
CAICYT (3-480-0)
Start-End date: 01/01/1985 - 31/12/1987
Participating entity/entities: CSIC Duración, desde: 1985 hasta: 1987
- 40** **Name of the project:** Estudio para el desarrollo integral de la Acuicultura Marina. Estudio de las enzimas digestivas de peces marinos de interés en Acuicultura
Name principal investigator (PI, Co-PI....): Prof. R. Establier Torregrosa
Funding entity or bodies:
CAICYT 62153-01
Start-End date: 01/01/1982 - 31/12/1984 **Duration:** 2 years
Participating entity/entities: CSIC
- 41** **Name of the project:** Estudio para el desarrollo integral de la Acuicultura Marina. Estudio fisicoquímico y de producción primaria de esteros para su posible adaptación a piscifactorias.
Name principal investigator (PI, Co-PI....): Prof. R. Establier Torregrosa
Funding entity or bodies:
CAICYT 62153-05
Start-End date: 01/01/1982 - 31/12/1984
Participating entity/entities: CSIC Duración, desde: 1982 hasta: 1984
- 42** **Name of the project:** Evaluación de la contaminación en el Mediterráneo Occidental (Marruecos-España) y su gestión sostenible
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** Non EU International
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO
Nº of researchers: 4
Type of participation: Co-ordinator
Name of the programme: AECID
Code according to the funding entity: A/031201/10
Start date: 01/01/2011
- 43** **Name of the project:** Investigación y Transferencia Transfronteriza España Portugal (I2TEP) subproyecto EMECORISK
Type of project: Industrial research **Geographical area:** European Union
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO
Nº of researchers: 10



Name of the programme: POCTEP
Code according to the funding entity: 0432_I2TEP_5_E
Start date: 01/01/2011

- 44** **Name of the project:** Assessing and predicting effects of water quantity and quality in Iberian River basins caused by global change
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI...): Barceló, Damià
Name of the programme: Consolider-Ingenio
Code according to the funding entity: CSD2009-00065
Start date: 01/04/2010
Total amount: 4.715.722 €
- 45** **Name of the project:** Estudio de la Presencia de Fármacos: Diagnósis, Efectos y Riesgos en Marismas y Ecosistemas Acuáticos de la Región Transfronteriza del Suroeste de España y Portugal (FARMACOTOX)
Geographical area: European Union
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI...): JOSE LUIS GÓMEZ ARIZA; Julian Blasco
Nº of researchers: 11
Name of the programme: POCTEP
Code according to the funding entity: 0042_RISE_5_E
Start date: 01/01/2010
- 46** **Name of the project:** Estudio de la presencia de disruptores endocrinos y de sus efectos tóxicos en marismas y ecosistemas acuáticos de la región transfronteriza del suroeste de España y Portugal (ENDOCRINOBIOTOX)
Geographical area: European Union
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI...): JOSE LUIS GÓMEZ ARIZA 10; Julian Blasco
Nº of researchers: 11
Name of the programme: POCTEP
Code according to the funding entity: 0042_RISE_5_E
Start date: 01/01/2010
- 47** **Name of the project:** Herramientas para la evaluación de la contaminación en el Mediterráneo Occidental (Marruecos y España) y su gestión mediante el análisis de compartimentos ambientales
Name principal investigator (PI, Co-PI...): JULIAN BLASCO MORENO
Nº of researchers: 5
Name of the programme: CSIC-CNESTEN
Code according to the funding entity: 2009MA023
Start date: 01/01/2010
Total amount: 5.000 €
- 48** **Name of the project:** Nanopartículas funcionalizadas par aplicaciones de hipertermia y evaluación de su ecotoxicidad
Geographical area: Autonómica
Name principal investigator (PI, Co-PI...): ASUNCION FERNANDEZ CAMACHO
Nº of researchers: 5
Name of the programme: Proyectos Excelencia Junta Andalucía
Code according to the funding entity: P09-FQM-4554



Start date: 29/12/2009

Total amount: 315.347,36 €

49 Name of the project: Improvement of SQGS through the incorporation of chronic exposure-effect model

Geographical area: European Union

Degree of contribution: Scientist in charge

Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO

Nº of researchers: 2

Code according to the funding entity: FP7-PEOPLE-IOF-2007 236059

Start date: 01/07/2009

Total amount: 228.338,45 €

50 Name of the project: Nitrogen removal in coastal sediments: molecular microbial ecology of nitrate reducing bacteria (-), intra-european Marie Curie reintegration grant,

Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO

Nº of researchers: 2

Code according to the funding entity: 235005

Start date: 16/03/2009

Total amount: 45.000 €

51 Name of the project: Estudio de biomarcadores de toxicidad en microalgas marinas como herramienta para la detección precoz de procesos de contaminación

Geographical area: NacionalCalidad en que ha participado: Investigador/a

Name principal investigator (PI, Co-PI....): IGNACIO MORENO GARRIDO

Nº of researchers: 4

Code according to the funding entity: CTM2009-10563/MAR

Start date: 01/01/2009

Total amount: 197.635 €

52 Name of the project: Red de investigación del Suroeste de Europa

Geographical area: Unión EuropeaCalidad en que ha participado: Investigador/a

Name principal investigator (PI, Co-PI....): Julian Blasco

Code according to the funding entity: RISE

Start date: 01/01/2009

Total amount: 100.000 €

53 Name of the project: CONTAMINACIÓN METÁLICA DE LOS SEDIMENTOS, BIODISPONIBILIDAD Y TOXICIDAD, BIOMARCADORES Y PROTEÓMICA, NUEVAS PERSPECTIVAS EN TOXICOLOGÍA AMBIENTAL

Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO

Nº of researchers: 2

Code according to the funding entity: 2007PT0040

Start date: 01/01/2008

Total amount: 5.000 €

54 Name of the project: HERRAMIENTAS PARA LA EVALUACIÓN DE LA CONTAMINACIÓN EN EL MEDITERRÁNEO OCCIDENTAL (MARRUECOS-ESPAÑA) Y SU GESTIÓN SOSTENIBLE MEDIANTE EL ANÁLISIS DE COMPARTIMENTOS AMBIENTALES

Geographical area: Non EU International

Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO

Nº of researchers: 3



Code according to the funding entity: 2007MA0025
Start date: 01/01/2008
Total amount: 5.000 €

55 Name of the project: DESARROLLO Y OPTIMIZACIÓN INDUSTRIAL DE ENSAYOS DE TOXICIDAD DE MATERIAL DE DRAGADO LOCALIZADOS EN RECINTOS PORTUARIOS MEDIANTE GUIAS ECOTOXICOLÓGICAS

Geographical area: Nacional
Calidad en que ha participado: Investigador/a
Name principal investigator (PI, Co-PI...): INMACULADA RIBA LÓPEZ
Nº of researchers: 2
Code according to the funding entity: PET2006_0685_01
Start date: 24/11/2007
Total amount: 17.468 €

56 Name of the project: CAMPAÑAS OCEANOGRÁFICAS ASOCIADAS AL PROYECTO INTEGRADO EUROPEO CARBOOCEAN

Geographical area: Nacional
Calidad en que ha participado: Investigador/a
61fca8a19df162c6b54710f66a94b045 12
Name principal investigator (PI, Co-PI...): ISABEL EMMA HUERTAS CABILLA
Nº of researchers: 3
Code according to the funding entity: (CTM2006-26206-E/MAR)
Start date: 01/01/2007
Total amount: 16.000 €

57 Name of the project: UNA NUEVA HERRAMIENTA DE RELEVANCIA ECOLÓGICA EN TOXICOLOGÍA AMBIENTAL: MICROFITOBENTOS PARA LA EVALUACIÓN DE LA CALIDAD AMBIENTAL DE SEDIMENTOS ESTUÁRICOS Y COSTEROS (MECASEC).

Geographical area: Nacional
Calidad en que ha participado: Investigador/a
Name principal investigator (PI, Co-PI...): IGNACIO MORENO GARRIDO
Nº of researchers: 4
Code according to the funding entity: CTM2006-01473
Start date: 01/10/2006
Total amount: 127.797,72 €

58 Name of the project: RED CIENTÍFICA PARA LA CARACTERIZACIÓN DE LOS NIVELES DE CONTAMINACIÓN Y LA GESTIÓN SOSTENIBLE DE MARISMAS DE LA REGIÓN TRANSFRONTERIZA PORTUGAL-ESPAÑA

Geographical area: European Union
Name principal investigator (PI, Co-PI...): JULIAN BLASCO MORENO; Bebianno-, Maria Joao
Nº of researchers: 4
Code according to the funding entity: SP5.E101/03
Start date: 01/06/2006
Total amount: 213.333,33 €

59 Name of the project: DESARROLLO DE NUEVOS BIOMARCADORES PARA UNA GESTIÓN SOSTENIBLE DE ZONAS SENSIBLES: UTILIZACIÓN DE PROTEÓMICA Y METALÓMICA (PROTEBIOMAR)

Geographical area: European Union
Name principal investigator (PI, Co-PI...): Bebianno-, Maria Joao; JULIAN BLASCO MORENO; JOSE LUIS GÓMEZ ARIZA
Nº of researchers: 3
Code according to the funding entity: PROTEBIOMAR



Start date: 01/04/2006
Total amount: 190.000 €

- 60** **Name of the project:** GENÓMICA Y PROTEÓMICA DE PECES PLANOS PARA LA DIVERSIFICACIÓN ACUÍCOLA ANDALUZA
Geographical area: Autonómica Calidad en que ha participado: Investigador/a
Name principal investigator (PI, Co-PI....): JUAN LOPEZ BAREA
Nº of researchers: 18
Code according to the funding entity: AGR 516
Start date: 26/01/2006
Total amount: 976.000 €
- 61** **Name of the project:** LA PROTEOMICA COMO HERRAMIENTA EN LA EVALUACION DE NUEVOS BIOMARCADORES DE LA CALIDAD AMBIENTAL EN LA ZONA COSTERA
Geographical area: National
Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO
Nº of researchers: 3
Code according to the funding entity: 2005PT0038
Start date: 01/01/2006
Total amount: 3.000 €
- 62** **Name of the project:** CARACTERIZACION DE LA BIOCUMULACION Y BIOMAGNIFICACION DE CONTAMINANTES COMO HERRAMIENTAS PARA LA EVALUACION DEL RIESGO EN LA SALUD HUMANA
Geographical area: National
Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO
Nº of researchers: 1
Code according to the funding entity: CTM2005-07282-C03-02
Start date: 15/10/2005
Total amount: 88.060 €
- 63** **Name of the project:** CARBOOCEAN
Geographical area: European Union
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): ISABEL EMMA HUERTAS CABILLA
Nº of researchers: 5
Code according to the funding entity: 511176-GOCE
Start date: 01/01/2005
Total amount: 122.792 €
- 64** **Name of the project:** RISK ASSESSMENT OF SURFACTANT IN COASTAL ENVIRONMENTS
Geographical area: European Union
Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO
Nº of researchers: 2
Code according to the funding entity: MEST-CT_2004-505182
Start date: 01/04/2004
Total amount: 102.943 €
- 65** **Name of the project:** HERRAMIENTAS PARA LA EVALUACION DE LA CONTAMINACION ORGANICA EN DOS ECOSISTEMAS MARINOS: GOLFO DE GDANSK (MAR BÁLTICO) Y BAHÍA DE CÁDIZ (OCÉANO ATLÁNTICO)



Geographical area: National

Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO

Nº of researchers: 1

Code according to the funding entity: 2004PL0020

Start date: 01/01/2004

Total amount: 3.000 €

66 Name of the project: CARACTERIZACIÓN DE LA CALIDAD DE ECOSISTEMAS COSTEROS AFECTADOS POR VERTIDOS DE PETROLEO. COMPARACIÓN ENTRE VERTIDOS ACCIDENTALES (IMPACTO AGUDO) Y DERRAMES CONTINUOS (IMPACTO CRÓNICO).

Geographical area: National

Name principal investigator (PI, Co-PI....): Del Valls-Casillas, Ángel; MARÍA DEL CARMEN SARASQUETE REIRIZ; JULIAN BLASCO MORENO

Nº of researchers: 3

Code according to the funding entity: MCYT/VEM003-20563

Start date: 19/12/2003

Total amount: 15.640 €

67 Name of the project: ACCIÓN COORDINADA 2003

Geographical area: Regional

Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO

Nº of researchers: 4

Code according to the funding entity: DESCONOCIDA

Start date: 13/11/2003

Total amount: 0 €

68 Name of the project: CARACTERIZACIÓN DEL MATERIAL DE DRAGADO OPTIMIZANDO UN MÉTODO INTEGRADO DE EVALUACIÓN DE LA CALIDAD AMBIENTAL. (ADSCRITO POR LA CI 2003-02-27 AL CACYTMAR).

Geographical area: National

Name principal investigator (PI, Co-PI....): TOMÁS ANGEL DEL VALLS CASILLAS; Del Valls-, T.A.; JULIAN BLASCO MORENO

Nº of researchers: 11

Code according to the funding entity: REN2002-01699

Start date: 01/11/2002

Total amount: 114.827,16 €

69 Name of the project: APLICACION DE SISTEMAS INMOVILIZADOS DE MICROALGAS MARINAS EN LA INCORPORACION Y EVALUACION DE LA TOXICIDAD DE SUSTANCIAS EN ECOSISTEMAS MARINOS

Geographical area: National

Name principal investigator (PI, Co-PI....): JULIAN BLASCO MORENO

Nº of researchers: 3

Code according to the funding entity: REN2001-2095/MAR

Start date: 28/12/2001

Total amount: 108.599 €

70 Name of the project: OPTIMIZACION DEL TRATAMIENTO ANTIFOULING EN LAS AGUAS DE REFRIGERACION DE LAS CENTRALES TERMICAS ANDALUZAS

Geographical area: Nacional Calidad en que ha participado: Investigador/a

Name principal investigator (PI, Co-PI....): EMILIO PASCUAL VÁZQUEZ

Nº of researchers: 6

Code according to the funding entity: 1FD97-1686-C02-01



Start date: 01/12/2000

Total amount: 116.325,89 €

71 Name of the project: Metalotioneínas en moluscos bivalvos: Implicaciones ambientales de su empleo como biomarcador de contaminación por metales pesados en sistemas costeros y estuáricos.

Name principal investigator (PI, Co-PI....): Julián Blasco; M.J. Bebianno

Funding entity or bodies:

CSIC-ICCTI

Start date: 01/01/2000

Duration: 1 year

Participating entity/entities: CSIC-Universidad de Algarve

72 Name of the project: PRIORITY SURFACTANTS AND THEIR TOXIC METABOLITES IN WASTE EFFLUENT DICHARGES AND INTEGRATED STUDY.

Geographical area: European Union

Name principal investigator (PI, Co-PI....): ABELARDO GÓMEZ PARRA; JULIAN BLASCO MORENO; EDUARDO GONZALEZ MAZO

Nº of researchers: 7

Code according to the funding entity: ENV4-CT97-0494

Start date: 01/01/1998

Total amount: 80.776,03 €

73 Name of the project: EFECTO DEL INCREMENTO DE LA RADIACION ULTRAVIOLETA, TEMPERATURA Y CO2 SOBRE LA PRODUCCION PRIMARIA DE MICROALGAS, Y MACROFITOS ACUATICOS: CONSECUENCIAS EN EL CAMBIO CLIMATICO

Geographical area: Nacional Calidad en que ha participado: Investigador/a

Name principal investigator (PI, Co-PI....): LUIS M^a LUBIÁN CHAICHIO

Nº of researchers: 4

Code according to the funding entity: AMB97-1021-CO2-01

Start date: 01/01/1997

Total amount: 0 €

74 Name of the project: Advanced biomicrofluidic technology for high-throughput integrated analysis of multi-level biological responses in ecotoxicological research

Name principal investigator (PI, Co-PI....): Olivia Campana

Funding entity or bodies:

Junta de Andalucía

Type of entity: Body, others

75 Name of the project: Diagnóstico global de un ecosistema acuático mediante la integración de técnicas multidisciplinares para establecer un mapa de riesgo. El río Guadalquivir, una oportunidad para la mejor de la gestión. (GUALDATOX)

Name principal investigator (PI, Co-PI....): José Alhama; Julián Blasco

Funding entity or bodies:

Junta de Andalucía

Type of entity: Body, others

76 Name of the project: Proposing a Novel Line of Evidence to Measure Environmental Stress in Aquatic Ecosystems by Shifting the Exposure Paradigm to Contaminants: Is Toxic Effect the Only Risk? NOnlyTox

Funding entity or bodies:

European Research Council

Name of the programme: ERC-Advance Grant



77 Name of the project: RED CIENTIFICA SOBRE LOS RIESGOS DE LA CONTAMINACION Y ESCASEZ DEL AGUA EN ECOSISTEMAS ACUATICOS IBERICOS EN UN CONTEXTO DE CAMBIO GLOBAL: RECOMENDACIONES DE GESTION

Total amount: 31.000 €

78 Name of the project: Red científica sobre los riesgos de la contaminación y escasez del agua en ecosistemas acuáticos ibéricos en un contexto de cambio global: recomendaciones de gestión (IBERAQUA-NET)

79 Name of the project: Red para el desarrollo y aplicación de herramientas ecotoxicomultiómicas para la protección de ecosistemas costeros de alto valor ecológico del SO de la Península Ibérica (España-Portugal)

Name principal investigator (PI, Co-PI....): Julian Blasco

Funding entity or bodies:

POCTEP_Interreg

R&D non-competitive contracts, agreements or projects with public or private entities

1 Name of the project: Impacto de fármacos en organismos acuáticos en escenarios de cambio global

Degree of contribution: Coordinator of total project, network or consortium

Name principal investigator (PI, Co-PI....): Julián Blasco

N° of researchers: 3

Funding entity or bodies:

Proyecto Intramural CSIC

Start date: 2014

Duration: 1 year

Total amount: 8.000 €

2 Name of the project: Evaluación de los efectos de contaminantes emergentes en ecosistemas acuáticos.

Funding entity or bodies:

Proyecto Intramural CSIC

Start date: 2012

Duration: 12 months

3 Name of the project: Desarrollo y aplicación de índices biológicos de calidad de aguas de transición y costeras de la Comunidad Autónoma de Andalucía en aplicación de la Directiva 2000/60/CE para el indicador macrofauna bentónica

Name principal investigator (PI, Co-PI....): Julián Blasco

Funding entity or bodies:

Egmasa

Start date: 2009

Duration: 2 years

4 Name of the project: Evaluación de los niveles de metales en especies del estuario del Guadalquivir

Name principal investigator (PI, Co-PI....): Julián Blasco

Funding entity or bodies:

Cobre Las Cruces

Start date: 2009

5 Name of the project: Investigación de la contaminación y cumplimentación del manejo de los sedimentos del Río Sa Francisco

Name principal investigator (PI, Co-PI....): Julián Blasco

**Funding entity or bodies:**

Votorantim Metais Zinco

Start date: 2009

- 6 Name of the project:** Desarrollo metodológico para el establecimiento del indicador de invertebrados bentónicos en aguas costeras y de transición de Andalucía

Name principal investigator (PI, Co-PI....): Julián Blasco**Funding entity or bodies:**

Consejería de Medio Ambiente (Junta de Andalucía)

Start date: 2008**Duration:** 1 year

- 7 Name of the project:** Programa de Evaluación de la Situación Ambiental del Guadalquivir en la zona de afectación del vertido de la Mina Las Cruces, previamente a la puesta en marcha de la actividad minera

Name principal investigator (PI, Co-PI....): Julián Blasco**Funding entity or bodies:**

Cobre Las Cruces

Start date: 2008**Duration:** 1 year

- 8 Name of the project:** Asistencia para el desarrollo y aplicación de indicadores biológicos en aguas de transición y costeras de Andalucía en cumplimiento de la Directiva 2000/60/CE

Name principal investigator (PI, Co-PI....): Julián Blasco**Funding entity or bodies:**

Consejería de Medio Ambiente (Junta de Andalucía)

Start date: 2007**Duration:** 1 year

- 9 Name of the project:** Estudio de alternativas para la ampliación de la dársena portuaria de Cádiz

Name principal investigator (PI, Co-PI....): Miguel Losada (UGR); Javier Ruiz (ICMAN)**Funding entity or bodies:**

Convenio Específico ICMAN-Universidad de Granada

Start date: 2007

- 10 Name of the project:** Estudio para diagnosticar y pronosticar las consecuencias de las acciones humanas en el estuario del Guadalquivir

Name principal investigator (PI, Co-PI....): Javier Ruiz**Funding entity or bodies:**

Autoridad Portuaria de Sevilla

Start date: 2007**Duration:** 2 years

- 11 Name of the project:** Evaluación de la toxicidad de tensioactivos asociados a sedimentos marinos mediante el empleo organismos de elevada relevancia ecológica (microfitobentos)

Type of project: Research and development, including transfer**Entity where project took place:** Consejo Superior de Investigaciones Científicas**Degree of contribution:** Scientific coordinator**Entity where project took place:** Consejo Superior de Investigaciones Científicas**Type of entity:** State agency**Name principal investigator (PI, Co-PI....):** Julian Blasco**Participating entity/entities:** Consejo Superior de Investigaciones Científicas**Funding entity or bodies:**

Petroquímica Española, S.A.

Type of entity: Business



City funding entity: San Roque, Andalusia, Spain

Code according to the funding entity: 200430E403

Start date: 2007

Duration: 2 years

Total amount: 24.500 €

12 Name of the project: Estudio de la viabilidad de la recuperación de las marismas del Rio San Pedro

Name principal investigator (PI, Co-PI....): Miguel Losada (UGR); Javier Ruiz (ICMAN)

Funding entity or bodies:

Convenio Específico ICMAN-Universidad de Granada

Start date: 2006

13 Name of the project: Asistencia técnica para la evaluación y seguimiento de los daños derivados del vertido del Prestige” en el Parque Nacional de las Islas Atlánticas y en otros espacios protegidos de relevancia comunitaria.

Name principal investigator (PI, Co-PI....): Julián Blasco

Funding entity or bodies:

Ministerio de Medio Ambiente. CIS

S.L.

Start date: 2004

Duration: 3 years

14 Name of the project: Diseño y aplicación de bioensayos para el estudio de la toxicidad asociado a sedimentos marinos

Name principal investigator (PI, Co-PI....): Julián Blasco Moreno

Funding entity or bodies:

Petroquímica Española S.A.

Start date: 2004

Duration: 2 years

15 Name of the project: Diagnóstico ambiental de la Bahía de Algeciras

Name principal investigator (PI, Co-PI....): Diego Sales Márquez

Participating entity/entities: UCA-CSIC

Funding entity or bodies:

Consejería Medio Ambiente

Junta Andalucía

Start date: 2002

Duration: 2 years

16 Name of the project: Estudio de la recuperación del Caño Sancti-Petri tras la desaparición de los vertidos de las aguas residuales de la

City of entity: de San Fernando,

Name principal investigator (PI, Co-PI....): Julián Blasco

Participating entity/entities: CSIC

Funding entity or bodies:

Consejería Medio Ambiente

Junta Andalucía

Start date: 2002

Duration: 3 years



- 17 Name of the project:** Efecto del lineal alquilbenceno sulfonato sódico (LAS) sobre organismos bentónicos. Implicaciones ecotoxicológicas
Name principal investigator (PI, Co-PI....): Julián Blasco Moreno
Funding entity or bodies:
Petroquímica Española S. A. (CEPSA)
Start date: 2000 **Duration:** 2 years
- 18 Name of the project:** Estudio de las comunidades acuáticas del estuario del río Guadalete y su función como zona de cría de especies marinas
Name principal investigator (PI, Co-PI....): Antonio Rodríguez
Participating entity/entities: ICMAN (C.S.I.C.)
Funding entity or bodies:
Consejería de Medio Ambiente de la Junta de Andalucía
Start date: 2000 **Duration:** 3 years
- 19 Name of the project:** Contaminación por metales pesados en el estuario del río Guadalquivir. Efectos del accidented e Aznalcóllar sobre el medio físico y los organismos
Name principal investigator (PI, Co-PI....): Abelardo Gómez Parra
Participating entity/entities: CSIC-Universidad de Cádiz
Funding entity or bodies:
Junta de Andalucía
Start date: 1999 **Duration:** 3 years
- 20 Name of the project:** Proyectos de investigación en el entorno de Doñana. Seguimiento de la contaminación en la zona estuárica
Name principal investigator (PI, Co-PI....): Julián. Blasco
Participating entity/entities: CSIC-Universidad de Cádiz
Funding entity or bodies:
C.S.I.C.
Start date: 1998 **Duration:** 1 year
- 21 Name of the project:** Estudio integrado de alquilbenceno sulfonatos lineales (LAS) en un ecosistema litoral somero (bahía de Cádiz, SO. De España)
Name principal investigator (PI, Co-PI....): A. Gómez-Parra
Funding entity or bodies:
Petroquímica Española S. A. (CEPSA)
Start date: 1991 **Duration:** 2 years
- 22 Name of the project:** Procesos de regeneración de nutrientes en marismas litorales de la provincia de Cádiz.
Name principal investigator (PI, Co-PI....): Prof. R. Establier Torregrosa
Participating entity/entities: CSIC
Funding entity or bodies:
Excma. Diputación Provincial de Cádiz
Start date: 1985 **Duration:** 1 year



Results

Industrial and intellectual property

- 1 Title registered industrial property:** HeMHAS- Heterogenous Multi-Habitat Assay System,
Inventors/authors/obtainers: Cristiano Araujo; Julian Blasco; David Roque; Rui Ribeiro; Matilde Moreira-Santos; Sergio Barro-Peñalver
Entity holder of rights: CSIC
Nº of application: #P201731426
Country of inscription: Spain
Date of register: 2017
- 2 Title registered industrial property:** SISTEMA DE INYECCIÓN DE CO2 PARA ESTUDIOS ECOTOXICOLÓGICOS
Inventors/authors/obtainers: MD Basallote; A. Rodriguez-Romero; M. Romano; J. Blasco; A. Valls; I. Riba
Entity holder of rights: Universidad de Cádiz
Nº of application: P201200753
Country of inscription: Spain
Date of register: 2015
Conferral date: 30/11/2015

Scientific and technological activities

Scientific production

H index: 41
Date of application: 01/10/2020
Fuente de Índice H: SCOPUS

Publications, scientific and technical documents

- 1** Julian Blasco; Cristiano Araujo; Karyna Pereira; Erika Sparventi; Enrique Gonzalez Ortegón. Contamination may induce behavioural plasticity in the habitat selection by shrimps: A cost-benefits balance involving contamination, shelter and predation. *Environmental Pollution*. 263, pp. 114545. Elsevier, 2020.
Type of production: Scientific paper **Format:** Journal
- 2** Julian Blasco; Cristiano Araujo; Rui Ribeiro; Matilde Moreira-Santos. Do Contaminants Influence the Spatial Distribution of Aquatic Species? How New Perspectives on Ecotoxicological Assays Might Answer This Question. *Environmental Toxicology and Chemistry*. 39 - 1, pp. 7 - 8. Wiley, 2020.
Type of production: Scientific paper **Format:** Journal
- 3** Marta Sendra; Maria Isabel Carrasco Braganza; Pilar Yeste; Marta Vila. Immunotoxicity of polystyrene nanoplastics in different hemocyte subpopulations of *Mytilus galloprovincialis*. *Scientific Reports*. 10, pp. 8637. Springer Nature, 2020.
Type of production: Scientific paper **Format:** Journal



- 4** Marta Sendra; Erica Sparaventi; Julian Blasco; Ignacio Moreno-Garrido; Cristiano V.M. Araujo. Ingestion and bioaccumulation of polystyrene nanoplastics and their effects on the microalgal feeding of *Artemia franciscana*. *Ecotoxicology and Environmental Safety*. 188, pp. 109853. Elsevier, 2020.
Type of production: Scientific paper **Format:** Journal
- 5** Luis Felipe de Almeida Duarte; Julian Blasco; Maria Gabriela Miranda Catharino; Edson Gonçalves Moreira; Caio Rodrigues Nobre; Chiara Trombini; Beatriz Barbosa Moreno; Denis Moledo de Souza Abessa; Camil Dias Seabra Pereira. Lead toxicity on a sentinel species subpopulation inhabiting mangroves with different status conservation. *Chemosphere*. 251, pp. 126394. Elsevier, 2020.
Type of production: Scientific paper **Format:** Journal
- 6** Safa Bejaoui; Carmen Michán; Khaoula Telahigue; Salwa Nechi; Mhamed el Casi; Julián Blasco; Nejla Soudani; Pedro M Costa; José Alhama. Metal body burden and tissue oxidative status in the bivalve *Venerupis decussata* from Tunisian coastal lagoons. *Marine Environmental Research*. 159, pp. 105000. Elsevier, 2020.
Type of production: Scientific paper **Format:** Journal
- 7** Melania Santonocito; Barbara Salerno; Chiara Trombini; Federico Tonini; Marina G. Pintado-Herrera; Gonzalo Martínez-Rodríguez; Julian Blasco; Pablo A Lara-Martin; Miriam Hampel. Stress under the sun: Effects of exposure to low concentrations of UV-filter 4- methylbenzylidene camphor (4-MBC) in a marine bivalve filter feeder, the Manila clam *Ruditapes philippinarum*. *Aquatic Toxicology*. 221, pp. 105418. Elsevier, 2020.
Type of production: Scientific paper **Format:** Journal
- 8** Antonio Tovar Sánchez; C Buonocore; David Roque; Julian Blasco. Addition to Metals in the European Marine Strategies Legislation: A Challenge for the Managers and Decision-Makers. *Environmental Science and Technology*. 53 - 9, pp. 5528. ACS, 2019.
Type of production: Scientific paper **Format:** Journal
- 9** Marta Sendra; Eleonora Staffieri; Maria. P. Yeste; Ignacio Moreno Garrido; Jose Manuel Gatica; Ilaria Corsi. Are the primary characteristics of polystyrene nanoplastics responsible for toxicity and ad/absorption in the marine diatom *Phaeodactylum tricornutum*?. *Environmental Pollution*. pp. aceptado. Elsevier, 2019.
Type of production: Scientific paper **Format:** Journal
- 10** C. Trombini; Miriam Hampel; Julian Blasco. Assessing the effect of human pharmaceuticals (carbamazepine, diclofenac and ibuprofen) on the marine clam *Ruditapes philippinarum*: An integrative and multibiomarker approach. *Aquatic Toxicology*. 208, pp. 146 - 156. Elsevier, 2019.
Type of production: Scientific paper **Format:** Journal
- 11** Fatma Aouini; Chiara Trombini; Marta Sendra; Julian Blasco. Biochemical response of the clam *Ruditapes philippinarum* to silver (AgD and AgNPs) exposure and application of an integrated biomarker response approach. *Marine Environmental Research*. pp. 104783 - 104783. 2019. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S014111361930296X>>. ISSN 0141-1136
Type of production: Scientific paper **Format:** Journal
- 12** Cristiano Araujo; Enrique González Ortegón; Marina G. Pintado Herrera; Miriam Biel Maeso; Pablo Lara Martín; Antonio Tovar Sánchez; Julian Blasco. Disturbance of ecological habitat distribution driven by a chemical barrier of domestic and agricultural discharges: An experimental approach to test habitat fragmentation. *Science of the Total Environment*. 651, pp. 2820 - 2829. Elsevier, 2019.
Type of production: Scientific paper **Format:** Journal
- 13** Cristiano V.M. Araújo; João Rodolfo S. Pontes; Julián Blasco. Does the previous exposure to copper alter the pattern of avoidance by zebrafish in a copper gradient scenario? Hypothesis of time-delayed avoidance due to pre-acclimation. *Science of The Total Environment*. 694, pp. 133703 - 133703. 2019. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0048969719336411>>. ISSN 0048-9697
Type of production: Scientific paper **Format:** Journal



- 14** Victoria C. Vera-Vera; F. Guerrero; Julián Blasco; C.V.M. Araujo. Habitat selection response of the freshwater shrimp *Atyaephyra desmarestii* experimentally exposed to heterogeneous copper contamination scenarios. *Science of the Total Environment*. 662, pp. 816 - 823. Elsevier, 2019.
Type of production: Scientific paper **Format:** Journal
- 15** M. Auguste; T. Balbi; M. Montagna; R. Fabbri; Marta Sendra; Laura Canesi. In vivo immunomodulatory and antioxidant properties of nanoceria (nCeO₂) in the marine mussel *Mytilus galloprovincialis*. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*. 219, pp. 95 - 102. Elsevier, 2019.
Type of production: Scientific paper **Format:** Journal
- 16** Luis Felipe de Almeida Duarte; Julián Blasco Moreno; Marília Gabriela Miranda Catharino; Edson Gonçalves Moreira; Chiara Trombini; Camilo Dias Seabra Pereira. Mangrove metal pollution induces biological tolerance to Cd on a crab sentinel species subpopulation. *Science of The Total Environment*. 687, pp. 768 - 779. 2019. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0048969719325999>>. ISSN 0048-9697
Type of production: Scientific paper **Format:** Journal
- 17** C.V.M Araujo; L. Gómez; D.C.V.R. Silva; M.G. Pintado-Herrera; P.A. Lara-Martín; Miriam Hampel; Julian Blasco. Risk of triclosan based on avoidance by the shrimp *Palaemon* varians in a heterogeneous contamination scenario: How sensitive is this approach?(Article). *Chemosphere*. 235, pp. 126 - 135. Elsevier, 2019.
Type of production: Scientific paper **Format:** Journal
- 18** Cristiano V. M. Araujo; Julian Blasco. Spatial avoidance as a response to contamination by aquatic organisms in nonforced, multicompartmented exposure systems: A complementary approach to the behavioral response. *Environmental Toxicology and Chemistry*. 38 - 2, pp. 312 - 320. Wiley, 2019.
Type of production: Scientific paper **Format:** Journal
- 19** M.A. Islam; Julian Blasco; Cristiano V. M. Araujo. Spatial avoidance, inhibition of recolonization and population isolation in zebrafish (*Danio rerio*) caused by copper exposure under a non-forced approach. *Science of the Total Environment*. 653 - 25, pp. 504 - 511. Elsevier, 2019.
Type of production: Scientific paper
- 20** Fatma Aouini; Chiara Trombini; Moritz Volland; Mhamed Elcafsi; Julian Blasco. Assessing lead toxicity in the clam *Ruditapes philippinarum*: Bioaccumulation and biochemical responses. *Ecotoxicology Environmental Safety*. 158, pp. 193 - 203. Elsevier, 2018.
Type of production: Scientific paper **Format:** Journal
- 21** C.V.M. Araujo; K.C. Pereira; Julian Blasco. Avoidance response by shrimps to a copper gradient: Does high population density prevent avoidance of contamination?. *Environmental Toxicology and Chemistry*. 37 - 12, pp. 3095 - 3105. Wiley, 2018.
Type of production: Scientific paper **Format:** Journal
- 22** Gema Rodríguez Moro; Tamara García Barrera; Chiara Trombini; Julian Blasco; José Luis Gómez Ariza. Combination of HPLC with organic and inorganic mass spectrometry to study the metabolic response of the clam *Scrobicularia plana* to arsenic exposure. *Electrophoresis*. 39 - 4, pp. 635 - 644. Wiley, 2018.
Type of production: Scientific paper **Format:** Journal
- 23** Marta Sendra; Moritz Volland; T Balbi; R. Fabbri; Maria Pilar Yeste; José Manuel Gatica; Laura Canesi; Julian Blasco. Cytotoxicity of CeO₂ nanoparticles using in vitro assay with *Mytilus galloprovincialis* hemocytes: relevance of zeta potential, shape and biocorona formation. *Aquatic Toxicology*. 200, pp. 13 - 20. 2018.
Type of production: Scientific paper **Format:** Journal



- 24** Marta Sendra; Ignacio Moreno-Garrido; Julian Blasco; Cristiano Araujo. Effect of erythromycin and modulating effect of CeO₂ NPs on the toxicity exerted by the antibiotic on the microalgae *Chlamydomonas reinhardtii* and *Phaeodactylum tricornutum*. *Environmental Pollution*. 242A, pp. 357 - 366. Elsevier, 2018.
Type of production: Scientific paper
- 25** Marta Sendra; Alejandro Damián Serrano; Cristiano Araujo; Ignacio Moreno Garrido; Julian Blasco. Erythromycin sensitivity across different taxa of marine phytoplankton. A novel approach to sensitivity of microalgae and the evolutionary history of the 23S gene. *Aquatic Toxicology*. Elsevier, 2018.
Type of production: Scientific paper **Format:** Journal
- 26** Rafael Zarzuela; Ignacio Moreno Garrido; Julian Blasco; M.L. Almoraima Gil; María J. Mosquera. Evaluation of the effectiveness of CuONPs/SiO₂-based treatments for building stones against the growth of phototrophic microorganisms. *Construction and Building Materials*. 187, pp. 501 - 509. Elsevier, 2018.
Type of production: Scientific paper **Format:** Journal
- 27** Marta Sendra; Julian Blasco; Cristiano Araujo. Is the cell wall of marine phytoplankton a protective barrier or a nanoparticle interaction site? *Toxicological responses of Chlorella autotrophica and Dunaliella salina to Ag and CeO₂ nanoparticles*. *Ecological Indicators*. 95, pp. 1053 - 1067. Elsevier, 2018.
Type of production: Scientific paper **Format:** Journal
- 28** Maria J. Bebianno; C. Cardoso; T. Gomes; J. Blasco; R.S. Santos; A. Colaco. Metal interactions between the polychaete *Branchipolynoe seepensis* and the mussel *Bathymodiolus azoricus* from Mid-Atlantic-Ridge hydrothermal vent fields. *Marine Environmental research*. 10.1016/j.marenvres., Elsevier, 2018.
Type of production: Scientific paper **Format:** Journal
- 29** Antonio Tovar-Sánchez; Cira Buonocore; David Roque. Metals in the European Marine Strategies Legislation: A Challenge for the Managers and Decision-Makers. *Environmental Science and Technology*. ACS, 2018. Available on-line at: <DOI: 10.1021/acs.est.8b02906>.
Type of production: Scientific paper **Format:** Journal
- 30** Cristiano Araujo; David Roque; Rui Ribeiro; Julian Blasco; Asier Toribio; Matilde Moreira-Santos; Enaitz Aguirre; Sergio Barro. Stress-driven emigration in complex field scenarios of habitat disturbance: The Heterogeneous Multi-Habitat Assay System (HeMHAS). *Science of the Total Environment*. aceptado, Elsevier, 2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 31** Julian Blasco; Moritz Volland; Miriam Hampel; Alberto Katsumiti; Maria Pilar Yeste; José Manuel Gatica; Miren Cajaraville. Synthesis methods influence characteristics, behaviour and toxicity of bare CuO NPs compared to bulk CuO and ionic Cu after in vitro exposure of *Ruditapes philippinarum* hemocytes. *Aquatic Toxicology*. 199, pp. 285 - 295. Elsevier, 2018.
Type of production: Scientific paper **Format:** Journal
- 32** Marta Sendra; Marina Pintado Herrera; Gabriela Aguirre Martínez; Ignacio Moreno Garrido; María Laura Martín Díaz; Pablo Antonio Lara Martín; Julian Blasco. Are the TiO₂ NPs a "Trojan horse" for personal care products (PCPs) in the clam *Ruditapes philippinarum*?. *Chemosphere*. 185, pp. 192 - 204. Elsevier, 2017.
Type of production: Scientific paper **Format:** Journal
- 33** Denisse. M.S. Abessa; Ligia M. B. M. Santana; Julian Blasco; Olivia Campana. Bioaccumulation kinetics of copper in *Ruditapes philippinarum* exposed to increasing, continuous and pulsed exposure: Implications for growth. *Science Total Environment*. 595, pp. 920 - 927. Elsevier, 2017.
Type of production: Scientific paper



- 34** Laura Canesi; T. Balbi; R. Fabbri; G. Damonte; A. Salis; Moritz Volland; Julian Blasco. Biomolecular coronas in invertebrate species: Implications in the environmental impact of nanoparticles. *Nanoimpact*. 8, pp. 89 - 98. Elsevier, 2017.
Type of production: Scientific paper **Format:** Journal
- 35** Marta Sendra; M. Pilar Este; Ignacio Moreno Garrido; Jose Manuel Gatica; Julian Blasco. CeO₂ NPs, toxic or protective to phytoplankton? Charge of nanoparticles and cell wall as factors which cause changes in cell complexity. *Science of the Total Environment*. 590-591, pp. 304 - 315. Elsevier, 2017.
Type of production: Scientific paper **Format:** Journal
- 36** Marta Sendra; M. Pilar Este; J. M. Gatica; Ignacio Moreno Garrido; Julian Blasco. Direct and indirect effects of silver nanoparticles on freshwater and marine microalgae (*Chlamydomonas reinhardtii* and *Phaeodactylum tricornutum*). *Chemosphere*. 179, pp. 279 - 289. Elsevier, 2017.
Type of production: Scientific paper
- 37** Marta Sendra; David Sánchez-Quiles; Julián Blasco; Ignacio Moreno-Garrido; Luis M Lubián; Sara Pérez-García; Antonio Tovar. Effects of TiO₂ nanoparticles and sunscreens on coastal marine microalgae: Ultraviolet radiation is key variable for toxicity assessment. *Environment International*. 98, pp. 62 - 68. Elsevier, 2017.
Type of production: Scientific paper **Format:** Journal
- 38** Elena Nieto; Carmen Corada Fernández; Miriam Hampel; Pablo A. Lara Martín; Paloma Sanchez-Argüello; Julian Blasco. Effects of exposure to pharmaceuticals (diclofenac and carbamazepine) spiked sediments in the midge, *Chironomus riparius* (Diptera, Chironomidae). *Science Total Environment*. 609, pp. 715 - 723. Elsevier, 2017.
Type of production: Scientific paper
- 39** Marta Sendra; M. Pilar Yeste; Ignacio Moreno Garrido; J. M. Gatica; Julian Blasco. Homoagglomeration and heteroagglomeration of TiO₂, in nanoparticle and bulk form, onto freshwater and marine microalgae. *Science Total Environment*. 592, pp. 403 - 411. Elsevier, 2017.
Type of production: Scientific paper
- 40** Marta Sendra; Ignacio Moreno Garrido; M. Pilar Este; J.M. Gatica; Julian Blasco. Toxicity of TiO₂, in nanoparticle or bulk form to freshwater and marine microalgae under visible light and UV-A radiation. *Environmental Pollution*. 227, pp. 39 - 48. 2017.
Type of production: Scientific paper
- 41** Miriam Hampel; Julian Blasco; Massimiliano Babbucci; Serena Ferraresso; Massimo Milan. Transcriptome analysis of the brain of the sea bream (*Sparus aurata*) after exposure to human pharmaceuticals at realistic environmental concentrations. *Marine Environmental Research*. 185, pp. 86 - 94. 2017.
Type of production: Scientific paper
- 42** Moritz Volland; Julian Blasco; Miriam Hampel. Validation of reference genes for RT-qPCR in marine bivalve ecotoxicology: Systematic review and case study using copper treated primary *Ruditapes philippinarum* hemocytes. *Aquat Toxicol*. 185, pp. 86 - 94. 2017.
Type of production: Scientific paper **Format:** Journal
- 43** Chiara Trombini; Miriam Hampel; Julian Blasco. Evaluation of acute effects of four pharmaceuticals and their mixtures on the copepod *Tisbe battagliai*. *Chemosphere*. 155, pp. 319 - 328. Elsevier, 2016.
Type of production: Scientific paper **Format:** Journal
- 44** E. González-Ortegón; J. Blasco; M. Hampel; E. Nieto; L. Leva; L. Giménez. Individual and mixture effects of selected pharmaceuticals on larval development of the estuarine shrimp *Palaemon longirostris*. *Science of the Total Environment*. 540 - 1, pp. 260 - 266. Elsevier, 2016.
Type of production: Scientific paper



- 45** Elena Nieto; Miriam Hampel; Enrique Gonzalez Oregón; Pilar Drake; Julián Blasco. Influence of temperature in single and mixture toxicity of pharmaceuticals in the crustacean *A. desmarestii*. *Journal of Hazardous Materials*. en prensa, Elsevier, 2016.
Type of production: Scientific paper **Format:** Journal
- 46** A. Rodríguez-Romero; N. Jiménez-Tenorio; I. Riba; J. Blasco. Laboratory simulation system, using *Carcinus maenas* as the model organism, for assessing the impact of CO₂ leakage from sub-seabed injection and storage. *Environmental Research*. 144 - PartA, pp. 117 - 129. Elsevier, 2016.
Type of production: Scientific paper
- 47** J. Blasco; Neus Roigo; J. Sierra; I. Moreno-Garrido; E. Nieto; E. Pérez-Gallego; M. Schuhmacher. Metal bioavailability in freshwater sediment samples and their influence on ecological status river basins. *Science of the Total Environment*. 540 - 1, pp. 287 - 296. Elsevier, 2016.
Type of production: Scientific paper
- 48** Neus Roig; Jordi Sierra; Miquel Nadal; Ignacio Moreno-Garrido; Elena Nieto; Miriam Hampel; E.P. Gallego; Marta Schuhmacher; Julian Blasco. "Assessment of sediment ecotoxicological status as a complementary tool for the evaluation of surface water quality: The Ebro river basin case study.". *Science of the Total Environment*. 503-504, pp. 269 - 278. Elsevier, 2015.
Type of production: Scientific paper
- 49** Moritz Volland; Miriam Hampel; Juan Antonio Martos-Sitcha; Chiara Trombini; Gonzalo Martínez-Rodríguez; Julián Blasco. Citrate gold nanoparticle exposure in the marine bivalve *Ruditapes philippinarum*: uptake, elimination and oxidative stress response. *Environmental Science and Pollution Research*. 22 - 22, pp. 17414 - 17421. Springer-Verlag, 2015.
Type of production: Scientific paper
- 50** Enrique González Ortegón; Luis Giménez; Julian Blasco; L. LeVay. Effects of food limitation and pharmaceutical compounds on the larval development and morphology of *Palaemon serratus*. *Science of the Total Environment*. 503-504, pp. 171 - 178. Elsevier, 2015.
Type of production: Scientific paper
- 51** C.V.M Araujo; M. Moreira-Santos; J. Patrício; I. Martins; I. Moreno-Garrido; J. Blasco; J.C. Marques; R. Ribeiro. Feeding niche preference of the mudsnail *Peringia ulvae*. *Marine and Freshwater Research*. 66, pp. 573 - 581. CSIRO Publishing, 2015.
Type of production: Scientific paper
- 52** Olivia Campana; Anne M. Taylor; Julian Blasco; William A. Maher; Stuart L. Simpsons. Importance of Subcellular Metal Partitioning and Kinetics to Predicting Sublethal Effects of Copper in Two Deposit-Feeding Organisms. *Environmental Science and Technology*. 49 - 3, pp. 1806 - 1814. ACS, 2015.
Type of production: Scientific paper
- 53** Dayanara Macías Mayorga; Ignacio Moreno Garrido; Julián Blasco. Is oxidative stress related to cadmium accumulation in the Mollusc *Crassostrea angulata*. *Aquatic Toxicology*. 161, pp. 231 - 241. Elsevier161, 2015.
Type of production: Scientific paper
- 54** Miriam Hampel; Julian Blasco; Helmut Segner. Molecular and celular effects of contamination in aquatic ecosystems. *Environmental Science and Pollution Research*. 22 - 22, pp. 17261 - 17266. Springer, 2015.
Type of production: Scientific paper



Type of production: Scientific paper

Format: Journal

- 66** Araceli Rodriguez Romero; M.D. Basallote; M.R.D. Orte; Inmaculada Riba; T.A. DelValls; Julian Blasco. Simulation of CO2 leakages during injection and storage in sub-seabed geological formations: Metal mobilization and biota effects. *Environment International*. 68, pp. 105 - 117. Elsevier, 2014.

Type of production: Scientific paper

Format: Journal

- 67** Julian Blasco; Vanesa Durán-Grados; Miriam Hampel; Juan Moreno-Gutiérrez. Towards an integrated environmental risk assessment of emissions from ships' propulsion systems. *Environment International*. 68, pp. 44 - 47. Elsevier, 2014.

Type of production: Scientific paper

Format: Journal

- 68** W. Hu; S. Culloty; G. Darmody; S. Lynch; J. Davenport; S. Ramírez García; I. Lynch; J. Blasco; K.A. Dawson; D. Sheehan. Toxicity of copper oxide nanoparticles in the blue mussel, *Mytilus edulis*: A redox proteomic investigation. *Chemosphere*. 108, pp. 289 - 299. Elsevier, 2014.

Type of production: Scientific paper

Format: Journal

- 69** Victoria Tornero; Alberto M. Arias; Julian Blasco. Trace element contamination in the Guadalquivir River Estuary ten years after the Aznalcóllar mine spill. *Marine Pollution Bulletin*. 86, pp. 349 - 360. Elsevier, 2014.

Type of production: Scientific paper

Format: Journal

- 70** Enrique Gonzalez-Ortegón; Julian Blasco; L. LeVay; L. Giménez. A multiple stressor approach to study the toxicity and sub-lethal effects of pharmaceutical compounds on the larval development of a marine invertebrate. *Journal of Hazardous Materials*. pp. <http://dx.doi.org/10.1016/j.jhazmat.2013.09.041>. Elsevier, 2013.

Type of production: Scientific paper

Format: Journal

- 71** Carlos Garcia-Negrete; Julian Blasco; Moritz Volland; T.C. Rojas; Miriam Hampel; Alejandro Fernandez-Lapresta; M.C. de Haro; M. Soto; Asuncion Fernandez. Behaviour of Au-citrate nanoparticles in seawater and accumulation in bivalves at environmentally relevant concentrations. *Environmental Pollution*. 174, pp. 134 - 141. Elsevier, 2013.

Type of production: Scientific paper

Format: Journal

- 72** T. Gomes; M. Gonzalez-Rey; A. Rodriguez-Romero; C. Trombini; I. Riba; J. Blasco; M. J. Bebianno. Biomarkers in *Nereis diversicolor* (Polychaeta: Nereididae) as management tools for environmental assessment on the southwest Iberian coast. *Scientia Marina*. 77 - S1, pp. 69 - 78. 2013.

Type of production: Scientific paper

Format: Journal

- 73** Olivia Campana; Julian Blasco; Stuart L. Simpson. Demonstrating the appropriateness of developing sediment quality guidelines based on sediment geochemical properties. *Environmental Science Technology*. pp. DOI: 10.1021/es4009272. American Chemical Society, 2013.

Type of production: Scientific paper

Format: Journal

- 74** Elena Crespo; Pablo Lozano; Julian Blasco; Ignacio Moreno-Garrido. Effect of Copper, Irgarol and Atrazine on Epiphytes Attached to Artificial Devices for Coastal Ecotoxicology Bioassays. *Bulletin Environmental Contamination and Toxicology*. pp. DOI 10.1007/s00128-013-1122-4. Springer, 2013.

Type of production: Scientific paper

Format: Journal

- 75** Olivia Campana; Antonio Rodriguez; Julian Blasco. Evaluating the suitability of *Hydrobia ulvae* as a test species for sediment metal toxicity testing applying. *Chemosphere*. 91, pp. 1136 - 1145. Elsevier, 2013. Available on-line at: <http://dx.doi.org/10.1016/j.chemosphere.2013.01.018>.

Type of production: Scientific paper

Format: Journal



- 76** Cristiano Araujo; Sonia Romero; Lucio F. Lourençato; Ignacio Moreno-Garrido; Julian Blasco; Michael R. Gretz; Matilde Moreira-Santos; Rui Ribeiro. Going with the Flow: Detection of Drift in Response to Hypo-Saline Stress by the Estuarine Benthic Diatom *Cylindrotheca closterium*. *PIOs One*. 8 - 11, pp. e81073. *PIOs*, 2013.
Type of production: Scientific paper **Format:** Journal
- 77** Elena Nieto; Julian Blasco; Enrique Gonzalez-Ortegon; Pilar Drake; Miriam Hampel. Is *Atyaephyra desmarestii* a useful candidate for lethal and sub-lethal toxicity tests on pharmaceutical compounds?. *Journal of Hazardous Materials*. <http://dx.doi.org/10.1016/j.jhazmat.2013.05.013>, Elsevier, 2013.
Type of production: Scientific paper **Format:** Journal
- 78** Cristiano V. Araujo; Julian Blasco; Ignacio Moreno-Garrido. Motionless of snail *Hydrobia ulvae* (Pennant) as response to sediment toxicity and its consequences for the post-exposure feeding. *Ecotoxicology and Environmental Contamination*. pp. aceptado. Brazilian Society of Ecotoxicology, 2013.
Type of production: Scientific paper **Format:** Journal
- 79** M. D. Subida; A. Berihuete; P. Drake; J. Blasco. Multivariate methods and artificial neural networks in the assessment of the response of infaunal assemblages to sediment metal contamination and organic enrichment. *Science Total Environment*. 10.1016/j.scitotenv. - 450-451, pp. 289 - 300. Elsevier, 2013.
Type of production: Scientific paper **Format:** Journal
- 80** Antonio Tovar-Sanchez; David Sanchez-Quiles; Gotzon Basterretxea; Juan L. Benedé; Alberto Chisvert; Amparo Salvador; Ignacio Moreno-Garrido; Julian Blasco. Sunscreen products as emerging pollutants to coastal waters. *PLOS One*. 8 - 6, pp. e65451. 2013.
Type of production: Scientific paper **Format:** Journal
- 81** J.C. Lopez-Doval; N. de Castro-Catalá ; I. Andrés-Domenech; J. Blasco; A. Ginebreda; I. Muñoz. Analysis of monitoring programmes and their suitability for ecotoxicological risk assessment in four Spanish basins. *Science of the Total Environment*. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84864333605&partnerID=40&md5=92a1ef67f76de2a44d15ea79345f94ec>>.
Type of production: Scientific paper **Format:** Journal
- 82** M. Hampel; A. Mauffret; K. Pazdro; J. Blasco. Anionic surfactant linear alkylbenzene sulfonates (LAS) in sediments from the Gulf of Gdansk (southern Baltic Sea, Poland) and its environmental implications. *Environmental Monitoring and Assessment*. 184 - 10, pp. 6013 - 6023. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84866531244&partnerID=40&md5=ca8ef899954caa406a4896278b4ec218>>.
Type of production: Scientific paper **Format:** Journal
- 83** A. Navarro-Ortega; V. Acuña; R.J. Batalla; J. Blasco; C. Conde; F.J. Elorza; A. Elosegi; F. Frances; F. La-Roca; I. Muñoz; M. Petrovic; Y. Pico; S. Sabater; X. Sanchez-Vila; M. Schuhmacher; D. Barcelo. Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. *Environmental Science and Pollution Research*. 19 - 4, pp. 918 - 933. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84860523927&partnerID=40&md5=b2baf5a6571ffcd9030e094136f04aab>>.
Type of production: Scientific paper **Format:** Journal
- 84** J. Kalman; I. Riba; A. Delvals; J. Blasco. Bioaccumulation and effects of metals bound to sediments collected from Gulf of Cadiz (SW Spain) using the polychaete *arenicola marina*. *Archives of Environmental Contamination and Toxicology*. 62 - 1, pp. 22 - 28. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84856969605&partnerID=40&md5=e68acb39d10051075652753a7c3c7d0a>>.
Type of production: Scientific paper **Format:** Journal



- 85** M. Pena-Abaurrea; F. Ye; J. Blasco; L. Ramos. Evaluation of comprehensive two-dimensional gas chromatography-time-of-flight-mass spectrometry for the analysis of polycyclic aromatic hydrocarbons in sediments. *Journal of Chromatography A*. 1256, pp. 222 - 231. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84865374436&partnerID=40&md5=f36ac3139a8d9e503c3e584469768c32>>.
Type of production: Scientific paper **Format:** Journal
- 86** M.D. Basallote; A. Rodri-guez-Romero; J. Blasco; A. DelValls; I. Riba. Lethal effects on different marine organisms, associated with sediment-seawater acidification deriving from CO2 leakage. *Environmental science and pollution research international*. 19 - 7, pp. 2550 - 2560. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84867460317&partnerID=40&md5=7ecc3fe715d5dcaaf0ef9b1594608402>>.
Type of production: Scientific paper **Format:** Journal
- 87** C.V.M. Araujo; J. Blasco; I. Moreno-Garrido. Measuring the avoidance behaviour shown by the snail *Hydrobia ulvae* exposed to sediment with a known contamination gradient. *Ecotoxicology*. 21 - 3, pp. 750 - 758. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84862902101&partnerID=40&md5=bf6063c08989a4ef3b6311efa8a13867>>.
Type of production: Scientific paper **Format:** Journal
- 88** A. Lapresta-Fernandez; A. Fernandez; J. Blasco. Nanoecotoxicity effects of engineered silver and gold nanoparticles in aquatic organisms. *TrAC - Trends in Analytical Chemistry*. 32, pp. 40 - 59. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84856575959&partnerID=40&md5=b6fe42211b32ca4ca5ef9b94799ee003>>.
Type of production: Scientific paper **Format:** Journal
- 89** A. Lapresta-Fernandez; A. Fernandez; J. Blasco. Public concern over ecotoxicology risks from nanomaterials: Pressing need for research-based information. *Environment International*. 39 - 1, pp. 148 - 149. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84555190283&partnerID=40&md5=f8dfd6624422e35492b20db19d21c931>>.
Type of production: Scientific paper **Format:** Journal
- 90** O. Campana; S.L. Simpson; D.A. Spadaro; J. Blasco. Sub-lethal effects of copper to benthic invertebrates explained by sediment properties and dietary exposure. *Environmental Science and Technology*. 46 - 12, pp. 6835 - 6842. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84862583106&partnerID=40&md5=e6b92f340f1d07b0c0a8a1980301c937>>.
Type of production: Scientific paper **Format:** Journal
- 91** V. Tornero; A.M. Arias; J. Blasco. Following the Aznalcollar toxic spill. *Environmental Research*. 111 - 8, pp. 1033 - 1036. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-80755172201&partnerID=40&md5=f34bcc7cf2b121434a847ec32b510e18>>.
Type of production: Scientific paper **Format:** Journal
- 92** A. Mauffret; D.C. Gillan; K.M. Eriksson; A. Rottiers; J. Blasco; A. Temara. LAS degradability by marine biofilms derived from seawater in Spain and Sweden. *Ecotoxicology and Environmental Safety*. 74 - 5, pp. 1250 - 1256. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-79958767679&partnerID=40&md5=d57952c8437265d588448e694860122f>>.
Type of production: Scientific paper **Format:** Journal
- 93** R. Company; A. Serafim; B. Lopes; A. Cravo; J. Kalman; I. Riba; T.A. DelValls; J. Blasco; J. Delgado; A.M. Sarmiento; J.M. Nieto; T.J. Shepherd; G. Nowell; M.J. Bebianno. Source and impact of lead contamination on ÎŽ-aminolevulinic acid dehydratase activity in several marine bivalve species along the Gulf of Cadiz. *Aquatic Toxicology*. 101 - 1, pp. 146 - 154. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78649903616&partnerID=40&md5=f2ee8830ca6961767f3163e68b0775b7>>.
Type of production: Scientific paper **Format:** Journal



- 94** J. Kalman; B.D. Smith; I. Riba; J. Blasco; P.S. Rainbow. Biodynamic modelling of the accumulation of Ag, Cd and Zn by the deposit-feeding polychaete *Nereis diversicolor*: Inter-population variability and a generalised predictive model. *Marine Environmental Research*. 69 - 5, pp. 363 - 373. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77952670691&partnerID=40&md5=0dd4174c6eb7bf1433fe6f2cd19fee50>>.
Type of production: Scientific paper **Format:** Journal
- 95** J. Kalman; I. Riba; T. Àngel DelValls; J. Blasco. Comparative toxicity of cadmium in the commercial fish species *Sparus aurata* and *Solea senegalensis*. *Ecotoxicology and Environmental Safety*. 73 - 3, pp. 306 - 311. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77649191103&partnerID=40&md5=521117900df2baa433d90e10f0e03cc1>>.
Type of production: Scientific paper **Format:** Journal
- 96** I. Lopes; A. Sedlmayr; M. Moreira-Santos; I. Moreno-Garrido; J. Blasco; R. Ribeiro. European bee-eater (*Merops apiaster*) populations under arsenic and metal stress: Evaluation of exposure at a mining site. *Environmental Monitoring and Assessment*. 161 - 1-4, pp. 237 - 245. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-74349104223&partnerID=40&md5=994aa6cc08a88e3c28bd756dbead5559>>.
Type of production: Scientific paper **Format:** Journal
- 97** S. Tedesco; H. Doyle; J. Blasco; G. Redmond; D. Sheehan. Exposure of the blue mussel, *Mytilus edulis*, to gold nanoparticles and the pro-oxidant menadione. *Comparative Biochemistry and Physiology - C Toxicology and Pharmacology*. 151 - 2, pp. 167 - 174. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-72049090110&partnerID=40&md5=3ae8ab9ab7890ddd47754cdf928d5c3>>.
Type of production: Scientific paper **Format:** Journal
- 98** A. Mauffret; A. Rico-Rico; A. Temara; J. Blasco. Exposure of the marine deposit feeder *Hydrobia ulvae* to sediment associated LAS. *Environmental Pollution*. 158 - 2, pp. 529 - 535. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-74249103360&partnerID=40&md5=b4e0c86d6f9176e7996158f4635471ac>>.
Type of production: Scientific paper **Format:** Journal
- 99** A. Mauffret; A. Temara; J. Blasco. Exposure of the marine deposit feeder *Hydrobia ulvae* to sediment spiked with LAS congeners. *Water Research*. 44 - 9, pp. 2831 - 2840. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77950952314&partnerID=40&md5=e1c41e33cc2ae746a12643100a2058eb>>.
Type of production: Scientific paper **Format:** Journal
- 100** H. Chairi; C. Fernandez-Diaz; J.I. Navas; M. Machado; L. Rebordinos; J. Blasco. In vivo genotoxicity and stress defences in three flatfish species exposed to CuSO₄. *Ecotoxicology and Environmental Safety*. 73 - 6, pp. 1279 - 1285. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77956191176&partnerID=40&md5=530537547cf4cb83031de01848e4517b>>.
Type of production: Scientific paper **Format:** Journal
- 101** I. Riba; J. Kalman; C. Vale; J. Blasco. Influence of sediment acidification on the bioaccumulation of metals in *Ruditapes philippinarum*. *Environmental Science and Pollution Research*. 17 - 9, pp. 1519 - 1528. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77957160014&partnerID=40&md5=cbf913ca9da1e9429be699342203e53f>>.
Type of production: Scientific paper **Format:** Journal
- 102** Jose Antonio Cuesta; Antonio Rodriguez; Alberto M. Arias; Julian Blasco. Langostino del Golfo de Cádiz: Bases científicas para la implantación de un marca de calidad REF REVISTA/LIBRO. *Ruta Pesquera* 81: 66-67 (2010). *Ruta Pesquera*. 81, pp. 66 - 67. 2010.
Type of production: Scientific paper



- 103** C.V.M. Araujo; J. Blasco; I. Moreno-Garrido. Microphytobenthos in ecotoxicology: A review of the use of marine benthic diatoms in bioassays. *Environment International*. 36 - 6, pp. 637 - 646. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77953614495&partnerID=40&md5=c2d5939f9065019a757a43f59dbb5ca0>>.
Type of production: Scientific paper **Format:** Journal
- 104** S. Tedesco; H. Doyle; J. Blasco; G. Redmond; D. Sheehan. Oxidative stress and toxicity of gold nanoparticles in *Mytilus edulis*. *Aquatic Toxicology*. 100 - 2, pp. 178 - 186. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78049508680&partnerID=40&md5=83d698c686802f8401e5c7bccc595e05>>.
Type of production: Scientific paper **Format:** Journal
- 105** C.V.M. Araujo; F.R. Diz; V. Tornero; L.M. Lubián; J. Blasco; I. Moreno-Garrido. Ranking sediment samples from three Spanish estuaries in relation to its toxicity for two benthic species: The microalga *Cylindrotheca closterium* and the copepod *Tisbe battagliai*. *Environmental Toxicology and Chemistry*. 29 - 2, pp. 393 - 400. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77951100818&partnerID=40&md5=f415002987b2f5afbfae747fa36facc9>>.
Type of production: Scientific paper **Format:** Journal
- 106** C.V.M. Araujo; V. Tornero; L.M. Lubián; J. Blasco; S.A. vanBergeijk; P. Cañavate; A. Cid; D. Franco; R. Prado; A. Bartual; M.G. Lopez; R. Ribeiro; M. Moreira-Santos; A. Torreblanca; B. Jurado; I. Moreno-Garrido. Ring test for whole-sediment toxicity assay with -a- benthic marine diatom. *Science of the Total Environment*. 408 - 4, pp. 822 - 828. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-72149104338&partnerID=40&md5=a7b03ba90bb3c1b7d7cfb56527c7b6dd>>.
Type of production: Scientific paper **Format:** Journal
- 107** C.V.M. Araujo; F.R. Diz; L.M. Lubian; J. Blasco; I. Moreno-Garrido. Sensitivity of *Cylindrotheca closterium* to copper: Influence of three test endpoints and two test methods. *Science of the Total Environment*. 408 - 17, pp. 3696 - 3703. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77953810726&partnerID=40&md5=07b82f97479726265cd99bb6d17284f0>>.
Type of production: Scientific paper **Format:** Journal
- 108** C. Trombini; E. Fabbri; J. Blasco. Temporal variations in metallothionein concentration and subcellular distribution of metals in gills and digestive glands of the oyster *Crassostrea angulata* [Variación temporal de la concentración de metalotioneínas y distribución subcelular de metales en branquias y glándula digestiva del ostión *Crassostrea angulata*]. *Scientia Marina*. 74 - SUPPL. 1, pp. 143 - 152. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78650932697&partnerID=40&md5=f6b4f4ac3039582d93e681b765b69d5d>>.
Type of production: Scientific paper **Format:** Journal
- 109** A. Mauffret; I. Moreno-Garrido; J. Blasco. The use of marine benthic diatoms in a growth inhibition test with spiked whole-sediment. *Ecotoxicology and Environmental Safety*. 73 - 3, pp. 262 - 269. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77649184891&partnerID=40&md5=42e54dcf346f2b9e5e06dae5ace5040e>>.
Type of production: Scientific paper **Format:** Journal
- 110** J. Blasco; T. Gomes; T. Garci-a-Barrera; A. Rodriguez-Romero; M. Gonzalez-Rey; F. Moran-Roldan; C. Trombini; M. Miotk; J.L. Gomez-Ariza; M.J. Bebianno. Trace metal concentrations in sediments from the southwest of the Iberian Peninsula [Concentración de metales trazas en sedimentos del suroeste de la Península Ibérica]. *Scientia Marina*. 74 - SUPPL. 1, pp. 99 - 106. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78650950127&partnerID=40&md5=bbcb0ddeb0245a944b9f1d6cc05c987>>.
Type of production: Scientific paper **Format:** Journal
- 111** J. Kalman; F. Palais; J.C. Amiard; C. Mouneyrac; A. Muntz; J. Blasco; I. Riba; C. Amiard-Triquet. Assessment of the health status of populations of the ragworm *Nereis diversicolor* using biomarkers at different levels of biological organisation. *Marine Ecology Progress Series*.



393, pp. 55 - 67. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-70450208126&partnerID=40&md5=7497c611fec8efdb3e5b25a89955ff53>>.

Type of production: Scientific paper

Format: Journal

- 112** A. Mauffret; A. Rottiers; T. Federle; D.C. Gillan; M. Hampel; J. Blasco; A. Temara. Colonized beads as inoculum for marine biodegradability assessment: Application to Linear Alkylbenzene Sulfonate. *Environment International*. 35 - 6, pp. 885 - 892. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-67349204466&partnerID=40&md5=b3851d1a536d78cf4b63a8545068ef53>>.

Type of production: Scientific paper

Format: Journal

- 113** D.A. Ahsan; T.A. DeIValles; J. Blasco. Distribution of arsenic and trace metals in the floodplain agricultural soil of Bangladesh. *Bulletin of Environmental Contamination and Toxicology*. 82 - 1, pp. 11 - 15. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-57849093059&partnerID=40&md5=b3d4327f70fd7127083b5a597858708a>>.

Type of production: Scientific paper

Format: Journal

- 114** M. Hampel; J. Canario; V. Branco; C. Vale; J. Blasco. Environmental levels of Linear alkylbenzene Sulfonates (LAS) in sediments from the Tagus estuary (Portugal): Environmental implications. *Environmental Monitoring and Assessment*. 149 - 1-4, pp. 151 - 161. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-58549108054&partnerID=40&md5=c29f5cc95ed3fae2405e6d993d043843>>.

Type of production: Scientific paper

Format: Journal

- 115** O. Campana; A. Rodriguez; J. Blasco. Identification of a potential toxic hot spot associated with AVS spatial and seasonal variation. *Archives of Environmental Contamination and Toxicology*. 56 - 3, pp. 416 - 425. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-63249092249&partnerID=40&md5=7e16946859611b9e36525159405f6d6e>>.

Type of production: Scientific paper

Format: Journal

- 116** D. Alvarez-Muñoz; A. Gomez-Parra; J. Blasco; C. Sarasquete; E. Gonzalez-Mazo. Oxidative stress and histopathology damage related to the metabolism of dodecylbenzene sulfonate in Senegalese sole. *Chemosphere*. 74 - 9, pp. 1216 - 1223. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-61549095812&partnerID=40&md5=f7fc41229c100bd626fb00b906acfc3f>>.

Type of production: Scientific paper

Format: Journal

- 117** M. Sole; J. Kopecka-Pilarczyk; J. Blasco. Pollution biomarkers in two estuarine invertebrates, *Nereis diversicolor* and *Scrobicularia plana*, from a Marsh ecosystem in SW Spain. *Environment International*. 35 - 3, pp. 523 - 531. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-61449224748&partnerID=40&md5=4ac8997b2b935307e9b55e2e4ab80446>>.

Type of production: Scientific paper

Format: Journal

- 118** C.V.M. Araujo; F.R. Diz; I. Laiz; L.M. Lubian; J. Blasco; I. Moreno-Garrido. Sediment integrative assessment of the Bay of Cadiz (Spain): An ecotoxicological and chemical approach. *Environment International*. 35 - 6, pp. 831 - 841. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-67349157527&partnerID=40&md5=1a720fc39b10d845f656159321516d87>>.

Type of production: Scientific paper

Format: Journal

- 119** F.R. Diz; C.V.M. Araujo; I. Moreno-Garrido; M. Hampel; J. Blasco. Short-term toxicity tests on the harpacticoid copepod *Tisbe battagliai*: Lethal and reproductive endpoints. *Ecotoxicology and Environmental Safety*. 72 - 7, pp. 1881 - 1886. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-70049095868&partnerID=40&md5=43104bf52349a09897432043e4932e41>>.

Type of production: Scientific paper

Format: Journal



- 120** M. Hampel; I. Moreno-Garrido; E. Gonzalez-Mazo; J. Blasco. Suitability of the marine prosobranch snail *Hydrobia ulvae* for sediment toxicity assessment: A case study with the anionic surfactant linear alkylbenzene sulphonate (LAS). *Ecotoxicology and Environmental Safety*. 72 - 4, pp. 1303 - 1308. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-64649098359&partnerID=40&md5=cd4049aba2a2bdc35bda837098ffa8ed>>.
Type of production: Scientific paper **Format:** Journal
- 121** D.A. Ahsan; T.A. DelValls; J. Blasco. The relationship of national and international environmental NGOs in Bangladesh and their role in wetland conservation. *International Journal of Environmental Research*. 3 - 1, pp. 23 - 34. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-67649965272&partnerID=40&md5=d9a69eecb2178c1c741f200d713ee18c>>.
Type of production: Scientific paper **Format:** Journal
- 122** M.L. Martin-Diaz; J. Blasco; D. Sales; T.A. DelValls. The use of a kinetic biomarker approach for in situ monitoring of littoral sediments using the crab *Carcinus maenas*. *Marine Environmental Research*. 68 - 2, pp. 82 - 88. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-67649240123&partnerID=40&md5=22a9711ec3f4acb7140d889ce51d9238>>.
Type of production: Scientific paper **Format:** Journal
- 123** Julian Blasco; ERduardo Gonzalez Mazo; Antonio Tovar. Urban pressure on the Spanish Mediterranean coasts: ecotoxicological and ecological issues in marine ecosystems. Impact of large Mediterranean cities on marine ecosystems: Workshop Proceedings. pp. 51 - 58. Alejandría(Egypt): 2009.
Type of production: Scientific paper
- 124** C.V.M. Araujo; F.R. Diz; I. Moreno-Garrido; L.M. Lubian; J. Blasco. Effects of cold-dark storage on growth of *Cylindrotheca closterium* and its sensitivity to copper. *Chemosphere*. 72 - 9, pp. 1366 - 1372. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-46349092912&partnerID=40&md5=a0e72c1362cddd39794be3fe0f68e29d>>.
Type of production: Scientific paper **Format:** Journal
- 125** M. Hampel; J.B. Ortiz-Delgado; C. Sarasquete; J. Blasco. Effects of sediment sorbed linear alkylbenzene sulphonate on juveniles of the senegal sole, *solea senegalensis*: Toxicity and histological indicators. *Histology and Histopathology*. 23 - 1, pp. 87 - 100. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-35748931766&partnerID=40&md5=de3497c97fdbf8de64c9b04ec7e7313d>>.
Type of production: Scientific paper **Format:** Journal
- 126** M.L. Martin-Di-az; J. Blasco; D. Sales; T.A. DelValls. Field validation of a battery of biomarkers to assess sediment quality in Spanish ports. *Environmental Pollution*. 151 - 3, pp. 631 - 640. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-38849141046&partnerID=40&md5=cf70aa74aa85199724da5a82e934e57c>>.
Type of production: Scientific paper **Format:** Journal
- 127** J. Blasco; A. Delvalls. Impact of emergent contaminants in the environment: Environmental risk assessment. *Handbook of Environmental Chemistry, Volume 5: Water Pollution*. 5 S1, pp. 169 - 188. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-54849419305&partnerID=40&md5=26aaaa0c19323c4537e0121df6eec4ac>>.
Type of production: Scientific paper **Format:** Journal
- 128** M.L. Martin-Diaz; T.A. DelValls; I. Riba; J. Blasco. Integrative sediment quality assessment using a biomarker approach: Review of 3 years of field research. *Cell Biology and Toxicology*. 24 - 6, pp. 513 - 526. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-56349143684&partnerID=40&md5=6861458276b2a8d53929568b6f0440fe>>.
Type of production: Scientific paper **Format:** Journal

- 129** J. Kalman; I. Riba; J. Blasco; T.A. DelValls. Is delta-aminolevulinic acid dehydratase activity in bivalves from south-west Iberian Peninsula a good biomarker of lead exposure?. *Marine Environmental Research*. 66 - 1, pp. 38 - 40. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-44749089047&partnerID=40&md5=60c5f4ae614d772bc54c3c16d6c7b96b>>.
Type of production: Scientific paper **Format:** Journal
- 130** A. Romero-Ruiz; J. Alhama; J. Blasco; J.L. Gomez-Ariza; J. Lopez-Barea. New metallothionein assay in *Scrobicularia plana*: Heating effect and correlation with other biomarkers. *Environmental Pollution*. 156 - 3, pp. 1340 - 1347. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-55849102115&partnerID=40&md5=68e03effce1ffa6a7735fa41a9550cb>>.
Type of production: Scientific paper **Format:** Journal
- 131** M.L. Martin-Di-az; J. Blasco; D. Sales; T.A. Delvalls. Biomarkers study for sediment quality assessment in Spanish ports using the crab *Carcinus maenas* and the clam *Ruditapes philippinarum*. *Archives of Environmental Contamination and Toxicology*. 53 - 1, pp. 66 - 76. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34249790277&partnerID=40&md5=13c4f52d0f121e469938b3b68c125c5f>>.
Type of production: Scientific paper **Format:** Journal
- 132** M. Hampel; E. Gonzalez-Mazo; C. Vale; J. Blasco. Derivation of predicted no effect concentrations (PNEC) for marine environmental risk assessment: Application of different approaches to the model contaminant Linear Alkylbenzene Sulphonates (LAS) in a site-specific environment. *Environment International*. 33 - 4, pp. 486 - 491. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047093508&partnerID=40&md5=5dbfc4a3b0fc3d5d6fcc0def5a890d0f>>.
Type of production: Scientific paper **Format:** Journal
- 133** L. Quiros; B. Piña; M. Sole; J. Blasco; M.A. Lopez; M.C. Riva; D. Barcelo; D. Raldua. Environmental monitoring by gene expression biomarkers in *Barbus graellsii*: Laboratory and field studies. *Chemosphere*. 67 - 6, pp. 1144 - 1154. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33846839665&partnerID=40&md5=3434e8dfe66e26f2e7221da0ee68fe5a>>.
Type of production: Scientific paper **Format:** Journal
- 134** I. Moreno-Garrido; L.M. Lubian; B. Jimenez; A.M.V.M. Soares; J. Blasco. Estuarine sediment toxicity tests on diatoms: Sensitivity comparison for three species. *Estuarine, Coastal and Shelf Science*. 71 - 1-2, pp. 278 - 286. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33845660435&partnerID=40&md5=f5da7d9e82bf9fe6979414c6242151ad>>.
Type of production: Scientific paper **Format:** Journal
- 135** J. Blasco; A. DelValls; P. Rainbow. Guest editorial. *Environment International*. 33 - 4, pp. 427 - 428. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33947715377&partnerID=40&md5=52a90a04de585649eeb585c3bac582e3>>.
Type of production: Scientific paper **Format:** Journal
- 136** D. Álvarez-Muñoz; P.A. Lara-Martín; J. Blasco; A. Gomez-Parra; E. Gonzalez-Mazo. Presence, biotransformation and effects of sulfophenylcarboxylic acids in the benthic fish *Solea senegalensis*. *Environment International*. 33 - 4, pp. 565 - 570. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047120862&partnerID=40&md5=a954b411324b2e5540838852ff81dee2>>.
Type of production: Scientific paper **Format:** Journal
- 137** I. Moreno-Garrido; L.M. Lubian; J. Blasco. Sediment toxicity tests involving immobilized microalgae (*Phaeodactylum tricornutum* Bohlin). *Environment International*. 33 - 4, pp. 481 - 485. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047133652&partnerID=40&md5=bca6a55fcf2bd04c70474abd0622dfaa>>.
Type of production: Scientific paper **Format:** Journal

- 138** M.L. Martin-Diaz; J. Kalman; I. Riba; D.F. dela Reguera; J. Blasco; A. DelValls. The use of a metallothionein-like-proteins (MTLP) kinetic approach for metal bioavailability monitoring in dredged material. *Environment International*. 33 - 4, pp. 463 - 468. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047146119&partnerID=40&md5=b798d63021774322599e4ee606064c96>>.
Type of production: Scientific paper **Format:** Journal
- 139** D. Alvarez-Muñoz; J. Blasco; A. Gomez-Parra; E. Gonzalez-Mazo. A biomarker approach to assess the C10-2-linear alkylbenzene sulfonate effect on benthic marine fish, *Solea senegalensis*, using a continuous exposure flow system. *Marine Environmental Research*. 62 - SUPPL. 1, pp. S378 - S379. 2006. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33745643206&partnerID=40&md5=6183c619e56a19074620ac0dcac71c32>>.
Type of production: Scientific paper **Format:** Journal
- 140** D. Alvarez-Muñoz; M. Saez; J. Blasco; A. Gomez-Parra; E. Gonzalez-Mazo. Enzymatic activity of acid and alkaline phosphatases and catalase in *Ruditapes philippinarum* as biomarkers of stress caused by anionic (C11-LAS) and non-ionic (NPEO2.8) surfactants [Actividades enzimáticas de las fosfatasas Ácida y alcalina y la catalasa en *Ruditapes philippinarum* como biomarcadores del estrés generado por tensioactivos aniónicos (C11-LAS) y no iónicos (NPEO2.8)]. *Ciencias Marinas*. 32 - 2 B, pp. 447 - 455. 2006. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33747379875&partnerID=40&md5=15ec99b99a15ee1ba0884f005d3fe19a>>.
Type of production: Scientific paper **Format:** Journal
- 141** M.C. Casado-Martinez; J. Blasco; M.A. Gonzalez-Castromil; I. Riba; T.A. DelValls. Interlaboratory assessment of marine bioassays to evaluate the environmental quality of coastal sediments in Spain. V. Whole sediment toxicity test using juveniles of the bivalve *Ruditapes philippinarum* [Ejercicio interlaboratorio de bioensayos para la evaluación de la calidad ambiental de sedimentos costeros. V. Ensayo de toxicidad sobre sedimento con juveniles del bivalvo *Ruditapes philippinarum*]. *Ciencias Marinas*. 32 - 1 B, pp. 159 - 166. 2006. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33645521585&partnerID=40&md5=560dbf81d6492b15d764e4f397a3e023>>.
Type of production: Scientific paper **Format:** Journal
- 142** M.L. Martin-Diaz; S.R. Tuberty; C.L. McKenney Jr.; J. Blasco; C. Sarasquete; T.A. DelValls. The use of bioaccumulation, biomarkers and histopathology diseases in shape *Procambarus clarkii* to establish bioavailability of Cd and Zn after a mining spill. *Environmental Monitoring and Assessment*. 116 - 1-3, pp. 169 - 184. 2006. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33745116268&partnerID=40&md5=b671d12603e024952f1abb649f172b1c>>.
Type of production: Scientific paper **Format:** Journal
- 143** A.R. de la Rúa; J.M. Arellano; M.L. Gonzalez de Canales; J. Blasco; C. Sarasquete. Accumulation of copper and histopathological alterations in the oyster *Crassostrea angulata* [Acumulación de cobre y alteraciones histopatológicas en el ostión *Crassostrea angulata*]. *Ciencias Marinas*. 31 - 3, pp. 455 - 466. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-26844511213&partnerID=40&md5=8df860a0a9c1a3248b6180ef2ca2157d>>.
Type of production: Scientific paper **Format:** Journal
- 144** M.L. Martin-Diaz; A. Villena-Lincoln; S. Bamber; J. Blasco; T. DelValls. An integrated approach using bioaccumulation and biomarker measurements in female shore crab, *Carcinus maenas*. *Chemosphere*. 58 - 5, pp. 615 - 626. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-11144266574&partnerID=40&md5=c08bcfa18cae314ec5e118caf6f23418>>.
Type of production: Scientific paper **Format:** Journal
- 145** M.L. Martin-Diaz; J. Blasco; M. Gonzalez De Canales; D. Sales; T. DelValls. Bioaccumulation and toxicity of dissolved heavy metals from the Guadalquivir Estuary after the Aznalcóllar mining spill using *Ruditapes philippinarum*. *Archives of Environmental Contamination and Toxicology*. 48



- 2, pp. 233 - 241. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-15744401566&partnerID=40&md5=eff6ceb56d7182c654665210b8f357ac>>.

Type of production: Scientific paper

Format: Journal

- 146** O. Campana; A. Rodriguez; J. Blasco. Bioavailability of heavy metals in the Guadalete River Estuary (SW Iberian Peninsula) [Biodisponibilidad de metales pesados en el Estuario del R o Guadalete (SO Pen nsula Ib rica)]. *Ciencias Marinas*. 31 - 1 B, pp. 135 - 147. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-21344463061&partnerID=40&md5=b69a944064565c0dded27a027663dac3>>.

Type of production: Scientific paper

Format: Journal

- 147** I. Moreno-Garrido; O. Campana; L.M. Lubian; J. Blasco. Calcium alginate immobilized marine microalgae: Experiments on growth and short-term heavy metal accumulation. *Marine Pollution Bulletin*. 51 - 8-12, pp. 823 - 829. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-27744522047&partnerID=40&md5=b55fb661d3792809c32ad08cc553b26b>>.

Type of production: Scientific paper

Format: Journal

- 148** M. Sole Rovira; C. Fernandez-Diaz; J.P. Ca avate; J. Blasco. Effects on metallothionein levels and other stress defences in Senegal sole larvae exposed to cadmium. *Bulletin of Environmental Contamination and Toxicology*. 74 - 3, pp. 597 - 603. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-23444440518&partnerID=40&md5=1de91e0d2ffc24beedbc631bfc6e3c71>>.

Type of production: Scientific paper

Format: Journal

- 149** I. Riba; J. Blasco; N. Jimenez-Tenorio; T.A. DelValls. Heavy metal bioavailability and effects: I. Bioaccumulation caused by mining activities in the Gulf of C diz (SW, Spain). *Chemosphere*. 58 - 5, pp. 659 - 669. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-11144305801&partnerID=40&md5=186d3a99c854c3fdb9c7d2f848923bd6>>.

Type of production: Scientific paper

Format: Journal

- 150** I. Riba; J. Blasco; N. Jimenez-Tenorio; M.L. Gonzalez De Canales; T.A. DelValls. Heavy metal bioavailability and effects: II. Histopathology-bioaccumulation relationships caused by mining activities in the Gulf of C diz (SW, Spain). *Chemosphere*. 58 - 5, pp. 671 - 682. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-11144339975&partnerID=40&md5=1c3e715f3dccb6d551a118acd53a06dc>>.

Type of production: Scientific paper

Format: Journal

- 151** Mat n-D az ML; Riba I; Blasco J; Sales D; DelValls TA.. Integrated approach of the adverse effects produced by the Aznalcollar mining spill in the aquatic environment. Integrated assessment and management of the ecosystem affected by the Aznalcollar mining spill (SW. Spain). pp. 235 - 247. 2005.

Type of production: Scientific paper

- 152** M.C. Casado-Martinez; I. Riba; J. Blasco; T.A. DelValls. Linking sediment chemical and biological guidelines for characterization of dredged material. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*. 40 - 2, pp. 289 - 303. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-13144273811&partnerID=40&md5=b1bca816ac626b9656c6e1cea0ef344a>>.

Type of production: Scientific paper

Format: Journal

- 153** Blasco J.; Arias, A. M.; S enz, V.; Moreno-Garrido, I.; Fern ndez-Bast n, M.; Gonz lez-Pascual, R. Ransome, T. Temporal trends in the levels of heavy metal contamination in the species of the Guadalquivir River Estuary after the Aznalc llar accident. Integrated assessment and management of the ecosystem affected by the Aznalcollar mining spill. pp. 211 - 217. 2005.

Type of production: Scientific paper



- 154** I. Riba; M.C. Casado-Martinez; J. Blasco; T.A. DelValls. Bioavailability of heavy metals bound to sediments affected by a mining spill using *Solea senegalensis* and *Scrobicularia plana*. *Marine Environmental Research*. 58 - 2-5, pp. 395 - 399. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-2942582658&partnerID=40&md5=d371af3fccd6d029868b61fe973a098a>>.
Type of production: Scientific paper **Format:** Journal
- 155** E. Perez; J. Blasco; M. Sole. Biomarker responses to pollution in two invertebrate species: *Scrobicularia plana* and *Nereis diversicolor* from the Cádiz bay (SW Spain). *Marine Environmental Research*. 58 - 2-5, pp. 275 - 279. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-2942514867&partnerID=40&md5=894ccee330f2c664b81f43c9d3e612eb>>.
Type of production: Scientific paper **Format:** Journal
- 156** M.L. Martin-Diaz; J. Blasco; D. Sales; T.A. DelValls. Biomarkers as tools to assess sediment quality. Laboratory and field surveys. *TrAC - Trends in Analytical Chemistry*. 23 - 10-11, pp. 807 - 818. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-9644257331&partnerID=40&md5=9fdf95f8e3e1aa15d62bcb496083b3b7>>.
Type of production: Scientific paper **Format:** Journal
- 157** T.A. DelValls; A. Andres; M.J. Belzunce; J.L. Buceta; M.C. Casado-Martinez; R. Castro; I. Riba; J.R. Viguri; J. Blasco. Chemical and ecotoxicological guidelines for managing disposal of dredged material. *TrAC - Trends in Analytical Chemistry*. 23 - 10-11, pp. 819 - 828. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-9644283132&partnerID=40&md5=822d13772eec9bb3f75063f30b4d89cc>>.
Type of production: Scientific paper **Format:** Journal
- 158** M.D. Frutos; J. Blasco; A. Gomez-Parra. Phosphatase activity in salt-ponds of the Bay of Cadiz [Actividad fosfatásica en salinas de la Bahía de Cádiz]. *Ciencias Marinas*. 30 - 3, pp. 403 - 416. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-4444235075&partnerID=40&md5=ab69a66b61d213b0c506a1f77fd3ee6c>>.
Type of production: Scientific paper **Format:** Journal
- 159** M. Hampel; J.B. Ortiz-Delgado; I. Moreno-Garrido; C. Sarasquete; J. Blasco. Sublethal effects of linear alkylbenzene sulphonate on larvae of the seabream (*Sparus aurata*): Histological approach. *Histology and Histopathology*. 19 - 4, pp. 1061 - 1073. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-6344231829&partnerID=40&md5=bf6fae2f2e7ec2a0df9788d1dcd19b59>>.
Type of production: Scientific paper **Format:** Journal
- 160** L.R. Bordajandi; G. Gomez; E. Abad; J. Rivera; M.M Fernandez-Baston; J. Blasco; M.J. González. Survey of Persistent Organochlorine Contaminants (PCBs, PCDD/Fs, and PAHs), Heavy Metals (Cu, Cd, Zn, Pb, and Hg), and Arsenic in Food Samples from Huelva (Spain): Levels and Health Implications. *Journal of Agricultural and Food Chemistry*. 52 - 4, pp. 992 - 1001. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-10744230659&partnerID=40&md5=0a442a6220c65f6d514d02edda3b6737>>.
Type of production: Scientific paper **Format:** Journal
- 161** D. Barcelo; M. Petrovic; E. deDeckere; J.F. Bakker; M. Scrimshaw; J. Stegemann; G. Kowalewska; P. Heining; C. Vale; P.D. Hansen; M.J.B. Segarra; A. Parker; V. Poulsen; W. Manz; J. Blasco; T.A. DelValls. Synthesis of the SedNet work package 3 outcomes. *Journal of Soils and Sediments*. 4 - 4, pp. 223 - 224. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-9144219631&partnerID=40&md5=6b635c211173bb1a07c0620a7d5a0126>>.
Type of production: Scientific paper **Format:** Journal
- 162** M. Sole; J. Potrykus; C. Fernandez-Diaz; J. Blasco. Variations on stress defences and metallothionein levels in the Senegal sole, *Solea senegalensis*, during early larval stages. *Fish Physiology and Biochemistry*. 30 - 1, pp. 57 - 66. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-19444372266&partnerID=40&md5=d5aa1c25033add0f744e02cd18bf65cc>>.



Type of production: Scientific paper

Format: Journal

- 163** I. Riba; E. Garcia-Luque; J. Blasco; T.A. DelValls. Bioavailability of heavy metals bound to estuarine sediments as a function of pH and salinity values. *Chemical Speciation and Bioavailability*. 15 - 4, pp. 101 - 114. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-2942574506&partnerID=40&md5=14f695429031bc353f96fbbcf14f8c86>>.

Type of production: Scientific paper

Format: Journal

- 164** O. Campana; C. Sarasquete; J. Blasco. Effect of lead on ALA-D activity, metallothionein levels, and lipid peroxidation in blood, kidney, and liver of the toadfish *Halobatrachus didactylus*. *Ecotoxicology and Environmental Safety*. 55 - 1, pp. 116 - 125. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037404153&partnerID=40&md5=aaf1b214a1f69d24de6ddd7c19c1225>>.

Type of production: Scientific paper

Format: Journal

- 165** I. Moreno-Garrido; M. Hampel; L.M. Lubian; J. Blasco. Marine benthic microalgae *Cylindrotheca closterium* (Ehremberg) Lewin and Reimann (Bacillariophyceae) as a tool for measuring toxicity of linear alkylbenzene sulfonate in sediments. *Bulletin of Environmental Contamination and Toxicology*. 70 - 2, pp. 242 - 247. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037292555&partnerID=40&md5=31be8165a20c25068b8aaf37b807e4fb>>.

Type of production: Scientific paper

Format: Journal

- 166** Moreno-Garrido, I.; Lubián, L.M.; Julian Blasco. Marine sediment toxicity testing using benthic microalgae. *SETAC Globe*. 4 - 5, pp. 43 - 44. 2003.

Type of production: Scientific paper

- 167** M. Arjonilla; J. Blasco. Nutrient analysis in estuarine water. Effect of salinity [Análisis de nutrientes en aguas estuarinas. Efecto de la salinidad]. *Ciencias Marinas*. 29 - 4, pp. 389 - 395. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0242569335&partnerID=40&md5=6bda211665bd34c571e08cdcd415ca95>>.

Type of production: Scientific paper

Format: Journal

- 168** I. Moreno-Garrido; M. Hampel; L.M. Lubian; J. Blasco. Sediment toxicity tests using benthic marine microalgae *Cylindrotheca closterium* (Ehremberg) Lewin and Reimann (Bacillariophyceae). *Ecotoxicology and Environmental Safety*. 54 - 3, pp. 290 - 295. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037341364&partnerID=40&md5=3e8b95ff289ffd2903aed6fca86c1a4a>>.

Type of production: Scientific paper

Format: Journal

- 169** V. Saenz; J. Blasco; A. Gomez-Parra. Speciation of heavy metals in recent sediments of three coastal ecosystems in the gulf of Cádiz, Southwest Iberian Peninsula. *Environmental Toxicology and Chemistry*. 22 - 12, pp. 2833 - 2839. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0344874608&partnerID=40&md5=3893f6b24fb04a63b48b72170b21578c>>.

Type of production: Scientific paper

Format: Journal

- 170** M.T. Mazorra; J.A. Rubio; J. Blasco. Acid and alkaline phosphatase activities in the clam *Scrobicularia plana*: Kinetic characteristics and effects of heavy metals. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*. 131 - 2, pp. 241 - 249. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036161730&partnerID=40&md5=94ffc1fe00f71dfd50c2078efd2c0fb9>>.

Type of production: Scientific paper

Format: Journal

- 171** M. Hampel; I. Moreno-Garrido; J. Blasco. Can early life-stages of the marine fish *Sparus aurata* be useful for the evaluation of the toxicity of linear alkylbenzene sulphonates homologues (LAS C10-C14) and commercial LAS?. *TheScientificWorldJournal* [electronic resource]. 2, pp. 1689 - 1698. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-2142653474&partnerID=40&md5=d905d56a11b75d7e0887c4ba6d0f8798>>.



Type of production: Scientific paper

Format: Journal

- 172** J. Blasco; A.M. Arias; V. Saenz. Heavy metal concentrations in *Squilla mantis* (L.) (crustacea, stomatopoda) from the Gulf of Cádiz evaluation of the impact of the Aznalcollar mining spill. *Environment International*. 28 - 1-2, pp. 111 - 116. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036014139&partnerID=40&md5=5f0dcc133c8a117462ef27b474c6b80d>>.

Type of production: Scientific paper

Format: Journal

- 173** M. Hampel; J. Blasco. Toxicity of linear alkylbenzene sulfonate and one long-chain degradation intermediate, sulfophenyl carboxylic acid on early life-stages of seabream (*Sparus aurata*). *Ecotoxicology and Environmental Safety*. 51 - 1, pp. 53 - 59. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036154224&partnerID=40&md5=4a498d2e984d9e379ca3619922c57226>>.

Type of production: Scientific paper

Format: Journal

- 174** M. Hampel; I. Moreno-Garrido; C. Sobrino; L.M. Lubian; J. Blasco. Acute toxicity of LAS homologues in marine microalgae: Esterase activity and inhibition growth as endpoints of toxicity. *Ecotoxicology and Environmental Safety*. 48 - 3, pp. 287 - 292. 2001. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035090869&partnerID=40&md5=19d88bf5c2db928edf0b7e9dda3c3bfd>>.

Type of production: Scientific paper

Format: Journal

- 175** I. Moreno-Garrido; M. Hampel; L.M. Lubian; J. Blasco. Marine microalgae toxicity test for linear alkylbenzene sulfonate (LAS) and alkylphenol ethoxylate (APEO). *Analytical and Bioanalytical Chemistry*. 371 - 4, pp. 474 - 478. 2001. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0034771766&partnerID=40&md5=60c08d67653971564237c89d90a12323>>.

Type of production: Scientific paper

Format: Journal

- 176** Arellano J.M.; J. Blasco; J.B. Ortíz; D. Capeta-Da Silva; A. Navarro; M J. Sánchez del Pino; C. Sarasquete. Copper contamination and detoxification in *Halobatrachus didactylus* and *Solea senegalensis*. Quantification and stress oxidative enzymes. *Ecotoxicol. Env. Rest.* 3 - 1, pp. 22 - 28. 2000.

Type of production: Scientific paper

- 177** J. Blasco; V. Saenz; A. Gomez-Parra. Heavy metal fluxes at the sediment-water interface of three coastal ecosystems from south-west of the Iberian Peninsula. *Science of the Total Environment*. 247 - 2-3, pp. 189 - 199. 2000. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0342615085&partnerID=40&md5=1f92f9c379834b194bcc0cb1619e2866>>.

Type of production: Scientific paper

Format: Journal

- 178** M.P. Cajaraville; M.J. Bebianno; J. Blasco; C. Porte; C. Sarasquete; A. Viarengo. The use of biomarkers to assess the impact of pollution in coastal environments of the Iberian Peninsula: A practical approach. *Science of the Total Environment*. 247 - 2-3, pp. 295 - 311. 2000. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0034689675&partnerID=40&md5=4b64e61a68f0641f27e12417d0dc78ee>>.

Type of production: Scientific paper

Format: Journal

- 179** J. Blasco; J. Puppo. Effect of heavy metals (Cu, Cd and Pb) on aspartate and alanine aminotransferase in *Ruditapes philippinarum* (Mollusca: Bivalvia). *Comparative Biochemistry and Physiology - C Pharmacology Toxicology and Endocrinology*. 122 - 2, pp. 253 - 263. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0032947833&partnerID=40&md5=6a5afd19bfd55e3be0b44f50e772dbe6>>.

Type of production: Scientific paper

Format: Journal

- 180** J. Blasco; A.M. Arias; V. Saenz. Heavy metals in organisms of the River Guadalquivir estuary: Possible incidence of the Aznalcollar disaster. *Science of the Total Environment*. 242 - 1-3, pp. 249 - 259. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033462134&partnerID=40&md5=014359be0df4e04f7697f7621f77fe87>>.

Type of production: Scientific paper

Format: Journal

- 181** J.M. Arellano; J.B. Ortiz; D. Capeta Da Silva; M.L. Gonzalez De Canales; C. Sarasquete; J. Blasco. Levels of copper, zinc, manganese and iron in two fish species from salt marshes of Cadiz Bay (southwest Iberian Peninsula). *Boletín - Instituto Español de Oceanografía*. 15 - 1-4, pp. 485 - 488. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033304174&partnerID=40&md5=05d20e1a865e3a4f981dab0e555e071f>>.
- Type of production:** Scientific paper **Format:** Journal
- 182** Blasco, J.; E. González-Mazo; C. Sarasquete. Linear alkylbenzene sulphonate (LAS) and bioaccumulation of heavy metals (Cu and Pb) in *Ruditapes philippinarum*. *Toxicology Environmental Chemistry*. 71, pp. 447 - 456. 1999.
- Type of production:** Scientific paper
- 183** J. Blasco; E. Gonzalez-Mazo; C. Sarasquete. Linear alkylbenzene sulphonates (LAS) and bioaccumulation of heavy metals (Cu and Pb) in *Ruditapes philippinarum*. *Toxicological and Environmental Chemistry*. 71 - 3-4, pp. 447 - 456. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033451575&partnerID=40&md5=e9cb944ebc559dafb9145991ede28ada>>.
- Type of production:** Scientific paper **Format:** Journal
- 184** Blasco J; Sáenz V; Hampel M; Puppo J. Metal contamination and pollution in estuaries and coastal areas). *BFU Research Bull.* 3, pp. 108 - 109. 1999.
- Type of production:** Scientific paper
- 185** A. Viarengo; B. Burlando; M. Cavaletto; B. Marchi; E. Ponzano; J. Blasco. Role of metallothionein against oxidative stress in the mussel *Mytilus galloprovincialis*. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*. 277 - 6 46-6, pp. R1612 - R1619. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033398702&partnerID=40&md5=236a1b64bd59a42cf18c90cf5b3ca734>>.
- Type of production:** Scientific paper **Format:** Journal
- 186** T.A. DelValls; V. Saenz; A.M. Arias; J. Blasco. Thallium in the marine environment: First ecotoxicological assessments in the Guadalquivir estuary and its potential adverse effect on the Donana European natural reserve after the Aznalcollar mining spill (SW Spain). *Ciencias Marinas*. 25 - 2, pp. 161 - 175. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033150641&partnerID=40&md5=ff7a84220506e65f6fecc1a902edec59>>.
- Type of production:** Scientific paper **Format:** Journal
- 187** M.A. Suñer; V. Devesa; O. Muñoz; F. Lopez; R. Montoro; A.M. Arias; J. Blasco. Total and inorganic arsenic in the fauna of the Guadalquivir estuary: Environmental and human health implications. *Science of the Total Environment*. 242 - 1-3, pp. 261 - 270. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0343048356&partnerID=40&md5=6368a097b5ae98fa22bff7c94ed5ecb8>>.
- Type of production:** Scientific paper **Format:** Journal
- 188** Blasco J.; M. J. Bebianno. Biomarkers. *Cuad. Inv. Biol.* 20, pp. 541 - 541. 1998.
- Type of production:** Scientific paper
- 189** Arellano J.M.; J. Blasco; D. Capeta-Da Silva; J. B. Ortíz; A. Navarro; M. J. Sánchez-del Pino; C. Sarasquete. Copper contamination and detoxification in *Halobatrachus didactylus*.- Quantification and oxidative stress. *Cuad. Inv. Biol.* 20, pp. 481 - 484. 1998.
- Type of production:** Scientific paper



- 190** T.Á. DelValls; J.M. Forja; E. Gonzalez-Mazo; A. Gomez-Parra; J. Blasco. Determining contamination sources in marine sediments using multivariate analysis. *TrAC - Trends in Analytical Chemistry*. 17 - 4, pp. 181 - 192. 1998. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0031958880&partnerID=40&md5=b7e39fa868b105a1f7954ce773c6a3bc>>.
Type of production: Scientific paper **Format:** Journal
- 191** Moreno, I.; J. Blasco; M. González del Valle; L. M. Lubián. Differences in copper accumulation by the marine microalgae *Nannocloropsis gaditana*, Lubián, submitted to two different treatments. *Ecotoxicol. and Environ. Restoration*. 1 - 1, pp. 43 - 47. 1998.
Type of production: Scientific paper
- 192** Mazorra, M. T.; J. A. Rubio; C. Sarasquete; J. Blasco. Efecto in vitro de metales pesados sobre las actividades fosfatásicas del molusco bivalvo *Scrobicularia plana*. *La Química en el entorno marino: Nuevos aspectos metodológicos y aplicaciones. VIII Seminario Química Marina*. pp. 41 - 46. 1998.
Type of production: Scientific paper
- 193** Blasco, J.; E. González-Mazo; C. Sarasquete. Effect of linear alkylbenzene sulphonate (LAS) and heavy metals (Cu and Pb) in gills and digestive gland of *Scrobicularia plana*. *Cuad. Inv. Biol.* 20, pp. 247 - 250. 1998.
Type of production: Scientific paper
- 194** T.A. DelValls; J. Blasco; M.C. Sarasquete; J.M. Forja; A. Gomez-Parra. Evaluation of heavy metal sediment toxicity in littoral ecosystems using juveniles of the fish *Sparus aurata*. *Ecotoxicology and Environmental Safety*. 41 - 2, pp. 157 - 167. 1998. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0032188970&partnerID=40&md5=12ebb01e621bb96feaa7fa383f786d0b>>.
Type of production: Scientific paper **Format:** Journal
- 195** Blasco, J.; V. Saenz; A. Gómez-Parra. Flujos de metales a través de la interfase agua-sedimento en dos ecosistemas litorales del S.O. de la Península Ibérica. *Cuad. Inv. Biol.* 20, pp. 177 - 180. 1998.
Type of production: Scientific paper
- 196** Blasco, J.; J. A. Rubio; J. Forja; A. Gómez-Parra. Heavy metals in some fishes of the *Mugilidae* family from salt-ponds of Cadiz Bay, SW. Spain. *Ecotoxicol. and Environ. Restoration*. 1 - 2, pp. 71 - 78. 1998.
Type of production: Scientific paper
- 197** C. Sarasquete; M.L. Gonzalez De Canales; J. Blasco; D. Capeta Da Silva; J.M. Arellano; M. Gutierrez. Histochemical distribution and accumulation of trace metals in the heart of green and normal *Crassostrea angulata* specimens from different southwest Spanish coast. *European Journal of Histochemistry*. 41 - 2, pp. 139 - 148. 1997. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-8544270906&partnerID=40&md5=704e434115a8088f7579ede41c73ff6b>>.
Type of production: Scientific paper **Format:** Journal
- 198** Blasco, J.; C. Sarasquete; E. González-Mazo; A. Gómez-Parra. Influencia del alquilbenceno sulfonato lineal, sobre algunas actividades enzimáticas en la almeja *Ruditapes philippinarum*. *Sem. Quim. Mar.* 6, pp. 1 - 11. Servicio Publicaciones UCA, 1997.
Type of production: Scientific paper
- 199** J. Puppo; J. Blasco. Partial characterization of alanine aminotransferase from gills and digestive gland of the bivalve *Ruditapes philippinarum*. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*. 111 - 1, pp. 99 - 109. 1995. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0028966821&partnerID=40&md5=2dd1db32128fe218262fb337255856d3>>.
Type of production: Scientific paper **Format:** Journal



- 200** DelValls, T.A.; J. M. Forja; J. Blasco; T. Ortega-Díaz; A. Gómez-Parra. Evaluation of pollution-induced degradation in Cadiz Bay, using sediment-quality triad approach. *Gaia*. 9, pp. 127 - 130. 1994.
Type of production: Scientific paper
- 201** Blasco, J.; T. A. DelValls; J. A. Rubio; M. Arjonilla; A. Gómez-Parra. Heavy metals in organisms and sediments from Cadiz Bay. *Gaia*. 9, pp. 131 - 136. 1994.
Type of production: Scientific paper
- 202** Gómez-Parra, A.; E. González-Mazo; J. Blasco. Impacto ambiental de vertidos urbanos en una marisma litoral del golfo de Cádiz. *Gaia*. 9, pp. 123 - 126. 1994.
Type of production: Scientific paper
- 203** J.M. Forja; J. Blasco; A. Gomez Parra. Spatial and seasonal variation of in situ benthic fluxes in the Bay of Cadiz (South West Spain). *Estuarine, Coastal and Shelf Science*. 39 - 2, pp. 127 - 142. 1994. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0028163511&partnerID=40&md5=873808282169348c95e44a90129de6c7>>.
Type of production: Scientific paper **Format:** Journal
- 204** J. Blasco; J. Puppo; M.C. Sarasquete. Acid and alkaline phosphatase activities in the clam *Ruditapes philippinarum*. *Marine Biology*. 115 - 1, pp. 113 - 118. 1993. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047161612&partnerID=40&md5=92ff13022a60df6ef9240a9a15196c2d>>.
Type of production: Scientific paper **Format:** Journal
- 205** Blasco, J.; J. Puppo; M. L. González de Canales; C. Sarasquete. Acumulación y efectos histopatológicos del Cu en *Liza aurata* y *Sparus aurata*. *Series Quím. Oceanogr.*, II - 2/3, pp. 159 - 174. 1993.
Type of production: Scientific paper
- 206** Puppo J.; J. Blasco. Influencia del Cd sobre la actividad aspartato aminotransferasa (AST) en dos moluscos bivalvos *Ruditapes decussatus* y *Ruditapes philippinarum*. *Series Quím. Oceanogr.*, II - 2/3, pp. 152 - 158. 1993.
Type of production: Scientific paper
- 207** J. Puppo; J.M. Forja; J. Blasco. Biochemical characteristics of aspartate aminotransferase from gills and digestive gland of the Manila clam (*Ruditapes philippinarum*). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*. 103 - 1, pp. 209 - 216. 1992. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0026649206&partnerID=40&md5=dd1e1144a2d727e8303422b2f24bebdb>>.
Type of production: Scientific paper **Format:** Journal
- 208** Blasco J.; A. Gómez-Parra; J. M. Forja; R. Establier. Sulphate-reduction and sulpho-oxydation at Cádiz bay (SW., Spain). *Rev.Int. Oceanogr. Méd.*, 105/106, pp. 4 - 18. 1992.
Type of production: Scientific paper
- 209** Blasco, J.. Efectos bioquímicos de la contaminación por metales pesados. V Seminario Química. pp. 13 - 44. Serv. Public. UCA, 1991.
Type of production: Scientific paper
- 210** Establier R.; J. Blasco; L. M. Lubián; A. Gómez-Parra. Fitoplancton e hidrografía de la bahía de Cádiz de abril de 1986 a diciembre de 1988. *Scient. Mar*. 54 - 2, pp. 203 - 209. 1990.
Type of production: Scientific paper
- 211** Forja J. M.; A. Gómez-Parra; J. Blasco. Ritmos circadianos y perfiles verticales en un ecosistema litoral somero. *Scient. Mar.*, 54 - 1, pp. 9 - 18. 1990.
Type of production: Scientific paper



- 212** Blasco, J.; R. Establier; C. Sarasquete. Distribución de las actividades enzimáticas digestivas (alfa-amilasa y proteasas) en diversas especies de mugílidos. IV Semin. Química Marina, pp. 170 - 182. Serv. Public. UCA, 1988.
Type of production: Scientific paper
- 213** Gutiérrez, M.; C. Sarasquete; J. Blasco; M. L. González de Canales. Histoquímica de enzimas en el hígado de la anguila, *Anguilla anguilla* (Osteichthyes, Anguillidae) de las salinas de Cádiz. Bol. Fisiol. Anim. S. Paulo. 12, pp. 13 - 19. 1988.
Type of production: Scientific paper
- 214** Blasco, J.; A. Gómez-Parra; M.D. Frutos; R. Establier. Evolución espacial y temporal de la concentración de materia orgánica en los sedimentos de los esteros de la bahía de Cádiz. Inv. Pesq. 51 - 4, pp. 599 - 617. 1987.
Type of production: Scientific paper
- 215** Establier, R.; J. Blasco; L. M. Lubián. Fitoplancton e hidrografía de la bahía de Cádiz de enero de 1984 a diciembre de 1985. Inv. Pesq., 51 - 4, pp. 501 - 515. 1987.
Type of production: Scientific paper
- 216** Gutiérrez, M.; R. Establier; J. Blasco; C. Sarasquete. Phosphatases in the kidney of the aglomerular fish, *Halobatrachus didactylus* (Schneider, 1801). Rev. Int. Oceanogr. Med., 87/88, pp. 161 - 169. 1987.
Type of production: Scientific paper
- 217** Blasco J.; R. Establier; V. Flores; A. Gómez-Parra. Amonificación en aguas y sedimentos marinos de la bahía de Cádiz (S.O. de España). Inv. Pesq. 50 - 2, pp. 297 - 307. 1986.
Type of production: Scientific paper
- 218** González de Canales M. L.; C. Sarasquete; J. Blasco; M. Gutiérrez. Caracteres fisicoquímicos de la fosfatasa alcalina del granulocito neutrófilo del *Halobatrachus didactylus* (Schneider, 1801) (Teleostei: Haloabtrachidae). Inv. Pesq., 50 - 2, pp. 227 - 236. 1986.
Type of production: Scientific paper
- 219** Establier R.; M. Gutierrez; M. C. Sarasquete; J. Blasco; E. Bravo. Changes in the phosphatase activity in various organs of the toadfish *Halobatrachus didactylus* (Schneider, 1801)(Teleostei: Halobatrachidae) during sexual maturation. Inv. Pesq. 50 - 2, pp. 271 - 278. 1986.
Type of production: Scientific paper
- 220** Establier R.; L. M. Lubián; J. Blasco. Fitoplancton e hidrografía de la bahía de Cádiz de marzo de 1980 a diciembre de 1983. Inv. Pesq. 50 - 1, pp. 69 - 81. 1986.
Type of production: Scientific paper
- 221** Blasco, J.; C. Sarasquete; R. Establier; M. Gutiérrez. Fosfatasa en el estómago y bazo de la dorada, *Sparus aurata*, L. III Seminario Química Marina. pp. 225 - 232. Serv. Public. UCA, 1986.
Type of production: Scientific paper
- 222** Gutiérrez, M.; R. Establier; C. Sarasquete; J. Blasco; E. Bravo. Enzimas en organismos marinos II. Fosfatasa del intestino, hígado y ciegos pilóricos de la dorada, *Sparus aurata*, L. Inv. Pesq. 49 - 2, pp. 239 - 253. 1985.
Type of production: Scientific paper
- 223** Establier, R.; J. Blasco; C. Sarasquete; E. Bravo. Enzimas en organismos marinos III. Actividad α -amilásica en diversos mugílidos. Inv. Pesq. 49 - 2, pp. 255 - 259. 1985.
Type of production: Scientific paper



- 224** R. Establier; A. Gomez-Parra; J. Blasco. Superficial accumulation of heavy metals in near shore marine sediments: An objective index of environmental pollution. *Bulletin of Environmental Contamination and Toxicology*. 35 - 3, pp. 348 - 353. 1985. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0021824176&partnerID=40&md5=09f6bda2090e4f963abec2dbd1a17ee3>>.
Type of production: Scientific paper **Format:** Journal
- 225** Gómez-Parra; A.; R. Establier; J. Blasco. Distribución de metales pesados en sedimentos superficiales de los caños de alimentación de los esteros de la bahía de Cádiz. *Inf. Técn. Inst. Inv. Pesq.,.* 120, pp. 1 - 20. 1984.
Type of production: Scientific paper
- 226** Establier R.; M. Gutiérrez; J. Blasco; C. Sarasquete. Enzimas en organismos marinos. I. Fosfatasas en el riñón de dorada, *Sparus aurata*. *L.Inv. Pesq.* 48 - 3, pp. 527 - 538. 1984.
Type of production: Scientific paper
- 227** Establier, R.; L. M. Lubián; J. Blasco; A. Gómez-Parra. Estudio de las variaciones fisicoquímicas de las salinas de Cádiz dedicadas al cultivo extensivo de peces. *Inf. Técn. Inst. Inv. Pesq.,.* 112, pp. 1 - 35. 1984.
Type of production: Scientific paper
- 228** Establier, R.; J. Blasco; A. Gómez-Parra.; D. Escolar. Materia orgánica en los sedimentos de la bahía de Cádiz y su zona de marismas y salinas. *Inv. Pesq.* 48 - 2, pp. 285 - 301. 1984.
Type of production: Scientific paper
- 229** Marta Sendra; Ignacio Moreno; Julian Blasco. Toxicity of Metal and Metal Oxide Engineered Nanoparticles to Phytoplankton. *Ecotoxicology of Nanoparticles in Aquatic Systems*. pp. 1 - 37. CRC Press, 2019.
Type of production: Book chapter **Format:** Book
Corresponding author: Yes
- 230** Julian Blasco; Miriam Hampel; Olivia Campana; Ignacio Moreno Garrido. Biological effects of pharmaceuticals in marine environment. *Environmental Problems in Marine Biology*. pp. 317 - 349. CRC Press, 2017.
Type of production: Book chapter **Format:** Book
- 231** M. Hampel; J. Blasco; M.L. Martín-Díaz. Biomarkers and effects. *Marine Ecotoxicology: Current Knowledge and Future Issues*. pp. 121 - 165. Elsevier-Academic Press, 2016.
Type of production: Book chapter **Format:** Book
- 232** Diana Álvarez-Muñoz; Marta Llorca; Julián Blasco; Damià Barceló. Contaminants in the Marine Environment. *Marine Ecotoxicology: Current Knowledge and Future Issues*. pp. 1 - 34. Elsevier, 2016.
Type of production: Book chapter **Format:** Book
- 233** Inmaculada Riba Lopez; Enrique García Luque; Judit Kalman; Julian Blasco; Carlos Vale. Effects of sediment acidification on the bioaccumulation of Zn in *R. philippinarum*. *Oceans and the Atmospheric Carbon Content*. pp. 115 - 132. Springer, 2011.
Type of production: Book chapter **Format:** Book
- 234** Ignacio Moreno Garrido; Cristiano V. M. Araujo; Julian Blasco. Microphytobenthos. *Marine Phytoplankton*. pp. 1 - 44. Nova Science Publisher Inc., 2009.
Type of production: Book chapter
- 235** J. Blasco, T.A. DelValls.. Impact of the Emergent Contaminants in the Environment: Environmental Risk Assessment. *Handbook of Environmental Chemistry*. 5, pp. 169 - 188. 2008.
Type of production: Book chapter



- 236** T.A. DelValls; P.M. Chapman; P. Drake; M. Dulce Subida; C. Vale; D. Fernandez de la Reguera; J. Blasco. Benthos Sediment Quality Assessments. Sustainable management of sediment resources: Sediment quality and impact assessment. pp. 215 - 262. Amsterdam(Holland): Elsevier, 2007.
Type of production: Book chapter
- 237** P.-D. Hansen; Julian Blasco; T. A. DelValls; V. Poulsen; M. Van den Heuvel-Greve.. Biological analysis (bioassays, biomarkers, biosensors). Sustainable management of sediment resources: Sediment quality and impact assessment of pollutants. pp. 131 - 162. Amsterdam(Holland): Elsevier, 2007.
Type of production: Book chapter
- 238** M. D. Scrimshaw; T. A. DelValls; J. Blasco; P. M. Chapman. Sediment Quality Guidelines and Weight of Evidence Assessments. Sustainable management of sediment resources: Sediment quality and impact assessment of pollutants. pp. 295 - 310. Amsterdam(Holland): Elsevier, 2007.
Type of production: Book chapter
- 239** DelValls TA, Casado-Martínez MC, Martín-Díaz ML, Riba I, Fernández N, Buceta JL., Blasco J.. A Weight of evidence approach to characterize sediment quality using laboratory and field assays: an example for Spanish coasts. Water Encyclopedia: Water Quality and Resources Development. Wiley Publishing, 2005. ISSN 1537-744X
Type of production: Book chapter
- 240** Moreno-Garrido I, Lubián LM, Blasco J.. Marine and estuarine microalgal sediment toxicity tests. Water Encyclopedia: Oceanography, Meteorology, Physics and Chemistry, Water Law and Water History, Art and Culture. Wiley Publishing, 2005.
Type of production: Book chapter
- 241** Blasco J.; Sáenz, V.; Arias, A.M; González-Pascual, R.; Campana O.; Ransome, T., Moreno-Garrido, I.; Hampel, M.. Efecto del accidente minero sobre los organismos residentes en el estuario del Guadalquivir y en las zonas de la plataforma próxima a la desembocadura. Contaminación por metales pesados del estuario del Guadalquivir (2003). pp. 165 - 204. Universidad de Cadiz, 2003.
Type of production: Book chapter
- 242** Blasco, J.. El uso de biomarcadores en contaminación marina. Patología y Biotoxicología en Acuicultura. CSIC, 1999.
Type of production: Book chapter
- 243** Segner, H.; M. L. González de Canales; J. Blasco; C. Sarasquete. El uso de líneas celulares de peces para valoración de la toxicidad de los metales pesados. Histofisiología e Histopatología de Especies Marinas de Interés en Acuicultura. Servicio Publicaciones UCA, 1998.
Type of production: Book chapter
- 244** Blasco, J.. Estrategia de los organismos marinos a la intoxicación por metales pesados. Situación presente y perspectivas en Acuicultura, Histofisiología, Histopatología y Biotoxicología. Serv. Pub. UCA, 1998.
Type of production: Book chapter
- 245** Blasco, J.. Principales contaminantes inorgánicos en el medio marino: Efectos y control. Contaminación Marina. Serv. Pub. UCA, 1998.
Type of production: Book chapter
- 246** Blasco; J.; R. Establier; A. Gómez-Parra. Relación entre el contenido de carbohidratos totales y materia orgánica en sedimentos de zonas intermareales de la bahía de Cádiz (S.O. de España). Acuicultura Intermareal. pp. 23 - 30. 1989.
Type of production: Book chapter



- 247** Gómez-Parra, A.; J. Blasco. Regeneración de nutrientes en ecosistemas litorales. IV Semin. Química Marina. pp. 13 - 36. , Serv. Public. UCA, 1988.
Type of production: Book chapter
- 248** Julian Blasco; Ilaria Corsi. Ecotoxicology of Nanoparticles in Aquatic Systems. Ecotoxicology of Nanoparticles in Aquatic Systems. pp. 1 - 270. Boca Ratón (United States of America): CRC Press, 2019. ISBN 9781138067264
Type of production: Scientific book or monograph **Format:** Book
Degree of contribution: Editor or co-editor
- 249** J. Blasco; P.M. Chapman; O. Campana; M. Hampel. Marine Ecotoxicology: Current Knowledge and Future Issues. pp. 1 - 321. Elsevier-Acadmic Press, 2016. ISBN 978-0-12-803371-5
Type of production: Scientific book or monograph **Format:** Book
Degree of contribution: Editor or co-editor
- 250** Julián Blasco; Antoni Ginebreda; Alicia Navarro-Ortega; Sergi Sabater. Recomendaciones de Gestión SCARCE/Policy Briefs SCARCE project. Evaluación y predicción de los efectos del cambio global sobre la calidad y cantidad del agua en los ríos de la Península Ibérica. pp. 1 - 87. (Spain): 2016. ISBN 978-84-617-5517-2
Legal deposit: B 22209-2016
Type of production: Scientific book or monograph **Format:** Book
Degree of contribution: Editor or co-editor
- 251** DelValls, T.A., Blasco J. (editores). Integrated assessment and management of the ecosystem affected by the Aznalcóllar mining spill (SW, Spain). Integrated assessment and management of the ecosystem affected by the Aznalcóllar mining spill (SW, Spain). pp. 1 - 385. 2005. ISBN 84-609-7200-3
Type of production: Scientific book or monograph
- 252** Julian Blasco; Carlos Barata; José María Navas. Summary of the special issue. Science of the Total Environment. 706, pp. 134934. Elsevier, 2020.
Type of production: Scientific edition **Format:** Journal
- 253** Mitiam; Julian Blasco; Helmut. Molecular and cellular effects of contamination in aquatic ecosystems. Environmental Science and Pollution Research. 22 - 22, pp. 17261 - 17452. Springer, 2015.
Type of production: Scientific edition
- 254** Julian; Ilaria; Valeria. Special issue. Particles in the Oceans: Implications for a safer marine environment. Marine Environmental Research. 111, pp. 1 - 169. Elsevier, 2015.
Type of production: Scientific edition **Format:** Journal
Corresponding author: Yes
- 255** Julian Blasco; Teodora Ortega; Rocío Ponce; Antonio Tovar-Sánchez. VSI-STOTEN Marine Sciences: A Multidisciplinary Approach to Global Change. Science of the Total Environment. 628-629, pp. 441 - 442. Elsevier, 2018.
Type of production: Preface-Editorial
Corresponding author: No
- 256** J.L. Pérez-Llorens, C. García, P. Drake, J. Blasco, A. M. Arias. Cadiz Bay Natural Park. Spanish network on coastal wetlands and lagoons.
Type of production: Ficha



Works submitted to national or international conferences

- 1** **Title of the work:** Contamination-driven behavioral plasticity: When the habitat selection is based on a cost-benefits balance among contamination, refuges and predation.
Name of the conference: SETAC Europe 30th Annual Meeting
Date of event: 03/05/2020
End date: 07/06/2020
Organising entity: SETAC-Europe
Cristiani Araujo; Karyna Pereira; Erika Sparaventi; Enrique Gonzalez-Ortegón; Julian Blasco.
- 2** **Title of the work:** Sediment microbiome as a tool for assessing metal contamination in a multispecies setup experiment
Name of the conference: SETAC Europe 30th Annual Meeting
Date of event: 03/05/2020
End date: 07/06/2020
Organising entity: SETAC-Europe
Ana M Herruzo; J. Jimenez-Pastor; C. Baena-Angulo; Ignacio Moreno-Garrido; Marta Sendra; Julian Blasco; Carmen Michán; José Alhama.
- 3** **Title of the work:** APLICACIÓN DE TECNOLOGÍAS METAÓMICAS PARA EVALUAR LOS EFECTOS DE LA CONTAMINACIÓN EN EL PARQUE NACIONAL DE DOÑANA
Name of the conference: XXIII Congreso Español de Toxicología y VII Iberoamericano
City of event: Sevilla, Spain
Date of event: 26/06/2019
End date: 28/06/2019
Organising entity: Sociedad Española de Toxicología
A.M. Herruzo; J.M. Jiménez Pastor; Victor M. Pérez Rosa; Julian Blasco; Carmen Michán; José Alhama Carmona. "Revista Toxicología".
- 4** **Title of the work:** Aproximación metaómica para evaluar los efectos del cadmio y plata sobre la función microbiana en sistemas multiespecies
Name of the conference: XXIII Congreso Español de Toxicología y VII Iberoamericano
City of event: Sevilla, Spain
Date of event: 26/06/2019
End date: 28/06/2019
Organising entity: Sociedad Española de Toxicología
A.M. Herruzo; J.M. Jiménez Pastor; C. Baena Angulo; Marta Sendra; Ignacio Moreno; Julian Blasco; Carmen Michán; José Alhama Carmona. "Revista Toxicología".
- 5** **Title of the work:** A novel perspective for ecotoxicological risk assessment based on driven-contamination spatial displacement in non-forced exposure systems
Name of the conference: 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental
City of event: Madrid, Spain
Date of event: 11/07/2018
End date: 13/07/2018
Organising entity: SICTA
Cristiano V. M. Araujo; Daniel C.V. R. Silva; Julian Blasco.



- 6** **Title of the work:** Dinámica de metapoblación en camarones (*Atyaephyra desmarestii*) expuestos a escenarios heterogéneos de contaminación
Name of the conference: 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental
City of event: Madrid, Spain
Date of event: 11/07/2018
End date: 13/07/2018
Organising entity: SICTA
Victoria Vera Vera; Francisco Guerrero; Julian Blasco; Cristiano V. M. Araujo.
- 7** **Title of the work:** Individual and mixture effects of Cd and Se in the peppery furrow shell *Scrobicularia plana*
Name of the conference: 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental
City of event: Madrid, Spain
Date of event: 11/07/2018
End date: 13/07/2018
Organising entity: SICTA
Chiara Trombini; Miriam Hampel; Gema Rodríguez-Moro; Tamara García-Barrera; José Luis Gómez Ariza; Julian Blasco.
- 8** **Title of the work:** Influence of previous acclimation to copper on the magnitude of the spatial avoidance by zebra fish under a contamination gradient scenario
Name of the conference: 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental
City of event: Madrid, Spain
Date of event: 11/07/2018
End date: 13/07/2018
Organising entity: SICTA
Joao R. S. Pontes; Julian Blasco; Cristiano V. M. Araujo.
- 9** **Title of the work:** Phylogenetic distribution of sensitivity to erythromycin across different marine phytoplankton taxa
Name of the conference: 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental
City of event: Madrid, Spain
Date of event: 11/07/2018
End date: 13/07/2018
Organising entity: SICTA
Marta Sendra; Alejandro Damián-Serrano; Cristiano V.M. Araujo; Ignacio Moreno-Garrido; Julian Blasco.
- 10** **Title of the work:** Spatial avoidance, potential of recolonization and population isolation in fish caused by copper exposure under a non-forced approach
Name of the conference: 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental
City of event: Madrid, Spain
Date of event: 11/07/2018
End date: 13/07/2018
Organising entity: SICTA
Mohammed Ariful-Islam; Julian Blasco; Cristiano V. M. Araujo.



- 11 Title of the work:** Adding habitat selection responses to ecological risk assessments: the heterogeneous multi-habitat assay system (HeMHAS).
Name of the conference: XIX Conference of the Iberian Association of Limnology
City of event: Coimbra, Portugal
Date of event: 24/06/2018
End date: 29/07/2018
Organising entity: Iberian Association of Limnology
Cristiano V.M. Araújo; David Roque; Julián Blasco; Rui Ribeiro; Matilde Moreira-Santos; Asier Toribio; Enaitz Aguirre; Sergio Barro.
- 12 Title of the work:** Habitat fragmentation due to contamination: isolation of shrimp population in Guadalete River (Spain)
Name of the conference: XIX Conference of the Iberian Association of Limnology
City of event: Coimbra, Portugal
Date of event: 24/06/2018
End date: 29/07/2018
Organising entity: Iberian Association of Limnology
Cristiano V.M. Araújo; Enrique González-Ortegón; Marina G. Pintado-Herrera; Miriam Biel-Maeso; Pablo A. Lara-Martín; Julián Blasco; Antonio Tovar-Sánchez.
- 13 Title of the work:** Bioconcentration and depuration of selected personal care products in *Ruditapes philippinarum*
Name of the conference: XIX Seminario Ibérico de Química Marina
City of event: Vigo, Spain
Date of event: 20/06/2018
End date: 22/06/2018
Organising entity: Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar
Marina G. Pintado-Herera; Marta Sendra; Julian Blasco; Pablo A. Lara-Martín.
- 14 Title of the work:** Experimental setup system for assessing single and mixture pollutants in marine environment
Name of the conference: XIX Seminario Ibérico de Química Marina
City of event: Vigo, Spain
Date of event: 20/06/2018
End date: 22/06/2018
Organising entity: Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar
Marta Sendra; Ignacio Moreno-Garrido; Cristiano Araujo; Chiara Trombini; Carmen Michán; Araceli Rodríguez-Romero; José Alhama; Julian Blasco.
- 15 Title of the work:** Expression analysis of stress related genes in the clam *Ruditapes philippinarum* after exposure to low concentrations of the emerging contaminant 4-methylbenzylidene camphor (4MBC)
Name of the conference: VI International Symposium on Marine Sciences
City of event: Vigo, Spain
Date of event: 20/06/2018
End date: 22/06/2018
Organising entity: Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar
Barbara Salerno; Melania Santonocito; Rocío Colas-Ruiz; Chiara Trombini; Gonzalo Martínez; Julian Blasco; Miriam Hampel.



- 16** **Title of the work:** Expression analysis of stress related genes in the clam *Ruditapes philippinarum* after exposure to low concentrations of an artificial sweetener acesulfame-K
Name of the conference: VI International Symposium on Marine Sciences
City of event: Vigo, Spain
Date of event: 20/06/2018
End date: 22/06/2018
Organising entity: Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar
Melania Santonocito; Barbara Salerno; Rocío Colas-Ruiz; Chiara Trombini; Julian Blasco; Miriam Hampel.
- 17** **Title of the work:** The MARINE STRATEGY FRAMEWORK DIRECTIVE: unattainable goal for trace metals
Name of the conference: XIX Seminario Ibérico de Química Marina
City of event: Vigo, Spain
Date of event: 20/06/2018
End date: 22/06/2018
Organising entity: Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar
Antonio Tovar-Sánchez; Cira Buonocore; David Roque; Julian Blasco.
- 18** **Title of the work:** Bioaccumulation, biochemical responses and gene expression in the marine clam *Scrobicularia plana* exposed to a pharmaceutical mixture at sub-lethal concentrations
Name of the conference: SETAC Europe 28th Annual Meeting
City of event: Rome, Italy
Date of event: 13/05/2018
End date: 17/07/2018
Organising entity: SETAC Europe
Chiara Trombini; Miriam Hampel; J. Kazakova; Ruth Fernández-Torres; Julian Blasco-Moreno; Miguel Bello-López.
- 19** **Title of the work:** The importance of cell wall of marine microalgae in preventing the toxicity of nanoparticles
Name of the conference: SETAC Europe 28th Annual Meeting
City of event: Rome, Italy
Date of event: 13/05/2018
End date: 17/07/2018
Organising entity: SETAC Europe
Marta Sendra; Julian Blasco-Moreno; Cristiano Araujo.
- 20** **Title of the work:** Toxicokinetics and metabolite identification of two emerging pollutants, Acesulfame-K and 4-MBC, in the manila clam *Ruditapes philippinarum*
Name of the conference: SETAC Europe 28th Annual Meeting
City of event: Rome, Italy
Date of event: 13/05/2018
End date: 17/07/2018
Organising entity: SETAC Europe
N.C. Ruiz; F. Tonini; Pablo Lara-Martin; Julian Blasco-Moreno; Miriam Hampel.
- 21** **Title of the work:** Metals in sediment of four Mediterranean river basins of the Iberian Peninsula: Occurrence and risk assessment
Name of the conference: A RECONNAISSANCE OF TRACE ORGANIC COMPOUNDS AND METALS IN GLOBAQUA RIVER BASINS: Effects on ecosystems and risk assessment
City of event: Barcelona, Spain



Date of event: 09/11/2017
End date: 10/11/2017
Organising entity: IDAEA-CSIC
Julian Blasco; Antoni Ginebreda.

- 22** **Title of the work:** When contamination acts as chemical barrier isolating populations: applying a new concept of contamination-driven habitat fragmentation in Guadalete River
Name of the conference: A RECONNAISSANCE OF TRACE ORGANIC COMPOUNDS AND METALS IN GLOBAQUA RIVER BASINS: Effects on ecosystems and risk assessment
City of event: Barcelona, Spain
Date of event: 09/11/2017
End date: 10/11/2017
Organising entity: IDAEA-CSIC
Cristiano Araujo; Enrique Gonzalez-Ortegón; Marina G. Pintado-Herrera; Miriam Biel-Maeso; Pablo A. Lara-Martín; Antonio Tovar-Sánchez; Julian Blasco.
- 23** **Title of the work:** Bioaccumulation kinetics of copper in *Ruditapes philippinarum* exposed to increasing, continuous and pulsed exposure: implications for gr
Name of the conference: 12th SETAC Latinamerica
City of event: Santos, Brazil
Date of event: 07/09/2017
End date: 10/09/2017
Organising entity: SETAC Latinamerica
Ligia Santana; Julian Blasco; Olivia Campana; Denis Abessa.
- 24** **Title of the work:** Biological tolerance and sublethal effects in *Ucides cordatus* (Linnaeus, 1763) fed by contaminated leaves
Name of the conference: 12th SETAC Latinamerica
City of event: Santos, Brazil
Date of event: 07/09/2017
End date: 10/09/2017
Organising entity: SETAC Latinamerica
L Duarte; M.D. Paço; B.D. Ferreira; M.V. Evangelist; A.L. Mendes; Camilo D. Seabra Pereira; Julian Blasco.
- 25** **Title of the work:** Metal in Coastal Ecosystems-Old Problems and New Challenges-Invited lecture
Name of the conference: 12th SETAC Latinamerica
City of event: Santos, Brazil
Date of event: 07/09/2017
End date: 10/09/2017
Organising entity: SETAC Latinamerica
Julian Blasco.
- 26** **Title of the work:** Assessing the spatial distribution of the gastropod *Olivella semistriata* by using whole-sediment avoidance and recolonization assays
Name of the conference: SETAC Europe 27th Annual Meeting
City of event: Bruselas, Belgium
Date of event: 07/05/2017
End date: 11/05/2017
Organising entity: SETAC
Dayanara Macias Mayorga; Cristiano Araujo; V. Vera-Vera; D. Salvatierra; I. Cedeño Macías; K. Benavides; Matilde Moreira dos Santos; Julian Blasco; Rui Ribeiro.



- 27** **Title of the work:** Biochemical and transcriptional responses in the freshwater crayfish *Procambarus clarkii* exposed to pharmaceutical mixture.
Name of the conference: SETAC Europe 27th Annual Meeting
City of event: Bruselas, Belgium
Date of event: 07/05/2017
End date: 11/05/2017
Organising entity: SETAC
Chiara Trombini; Miriam Hampel; Julian Blasco.
- 28** **Title of the work:** Incorporating avoidance and recolonization concepts in ecotoxicological risk assessment by using a non-forced exposure system
Name of the conference: SETAC Europe 27th Annual Meeting
City of event: Bruselas, Belgium
Date of event: 07/05/2017
End date: 11/05/2017
Organising entity: SETAC
Cristiano Araujo; Matilde Moreira dos Santos; Julian Blasco; Rui Ribeiro.
- 29** **Title of the work:** LABORATORY ASSAYS WITH NON-FORCED EXPOSURE TO PREDICT THE PREFERENTIAL SPATIAL DISTRIBUTION OF FISH IN TWO ECUADORIAN RIVERS
Name of the conference: SETAC Europe 27th Annual Meeting
City of event: Bruselas, Belgium
Date of event: 07/05/2017
End date: 11/05/2017
Organising entity: SETAC
Cristiano Araujo; V. Vera-Vera; D. Salvatierra; B.N. Ariza; D. Griffith; S. Erazo; R. Jaramillo; L.A. Ramos; Julian Blasco; Matilde Moreira dos Santos; Rui Ribeiro.
- 30** **Title of the work:** TiO₂ NPs as "Trojan horse" in the bioaccumulation of personal care compounds in the clam *Ruditapes philippinarum*.
Name of the conference: SETAC Europe 27th Annual Meeting
City of event: Bruselas, Belgium
Date of event: 07/05/2017
End date: 11/05/2017
Organising entity: SETAC
Marta Sendra; Marina Pintado Herrera; GV Aguirre Martínez; Pablo A Lara Martín; Laura Martín Díaz; Julian Blasco.
- 31** **Title of the work:** Effects of TiO₂ nanoparticles and sunscreens to species succession in a marine phytoplankton community under different radiation condition
Name of the conference: Final Conference COST ACTION Engineered Nanomaterials from Wastewater Treatment & Stormwater to Rivers
City of event: Aveiro, Portugal
Date of event: 07/02/2017
End date: 08/02/2017
Organising entity: Universidad Aveiro **Type of entity:** University
Marta Sendra; David Sanchez Quiles; Julian Blasco; Ignacio Moreno Garrido; Luis M. Lubián; Sara Pérez; Antonio Tovar.



- 32** **Title of the work:** Toxicity of Silver Nanoparticles to phytoplankton in different aquatic environments
Name of the conference: Final Conference COST ACTION Engineered Nanomaterials from Wastewater Treatment & Stormwater to Rivers
City of event: Aveiro, Portugal
Date of event: 07/02/2017
End date: 08/02/2017
Organising entity: Universidad Aveiro **Type of entity:** University
Marta Sendra; Ignacio Moreno Garrido; M. Pilar Yeste; Jose Manuel Gatica; Julian Blasco.
- 33** **Title of the work:** Policy briefs as an interfacing tool between science and river basin management
Name of the conference: NET-SCARCE International Conference. Rivers under water scarcity: Threats and Challenges
Type of event: Conference
City of event: Barcelona,
Date of event: 15/11/2016
End date: 16/11/2016
Organising entity: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency
Antoni Ginebreda; Julian Blasco.
- 34** **Title of the work:** A novel exposure system in ecotoxicity assays to assess biological effects on habitat selection: The non-forced exposure system
Name of the conference: NET-SCARCE International Conference. Rivers under water scarcity: Threats and Challenges
City of event: Barcelona,
Date of event: 15/11/2016
End date: 16/11/2016
Organising entity: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency
City organizing entity: Barcelona,
Cristiano Araujo; Julián Blasco.
- 35** **Title of the work:** I-TRAQ proteomic approach to understand low concentration citrate capped gold nanoparticle stress in the marine bivalve *Ruditapes philippinarum*
Name of the conference: 6th Congress of the Spanish Proteomics Society
City of event: Cádiz,
Date of event: 15/11/2016
End date: 18/11/2016
Organising entity: Spanish Proteomics Society
Amparo Torreblanca; Moritz Volland; R. Gaviria; Julian Blasco; Miriam Hampel.
- 36** **Title of the work:** Pharmaceuticals: mixture toxicity, environmental forcing and chirality: Gaps and challenges
Name of the conference: XIV Congreso Brasileiro de Ecotoxicología
Type of event: Conference
City of event: Curitiba, Brazil
Date of event: 07/10/2016
End date: 10/10/2016
Organising entity: Sociedade Brasileira de Ecotoxicologia, em conjunto com a Universidade Federal do Paraná (UFPR), Pontifícia Universidade Católica do Paraná (PUC PR) e a Universidade Positivo (UP).
Julián Blasco.



- 37** **Title of the work:** Biomarker responses in the clam *Ruditapes philippinarum* to lead exposure
Name of the conference: CIESM 2016
City of event: Kiel,
Date of event: 12/09/2016
End date: 16/09/2016
Organising entity: CIESM
Fatma Aouini; Chiara Trombini; Mohamed El Cafsi; Julián Blasco.
- 38** **Title of the work:** Cytotoxicity of copper oxide nanoparticles on haemocytes of the marine bivalve *Ruditapes philippinarum*. An in vitro approach
Name of the conference: 30th ESCPB
City of event: Barcelona, Spain
Date of event: 04/09/2016
End date: 07/09/2016
Organising entity: ESCPB/CSIC **Type of entity:** Public Research Body
Moritz Volland; Miriam Hampel; Alberto Katsumiti; Pilar Yeste; José manuel Gatica; Miren Cajaraville; Julián Blasco. "30th ESCPB Congress Unraveling complexity: from molecules to ecosystems. Book of abstracts".
- 39** **Title of the work:** Toxicity of TiO₂ nanoparticles and bulk in freshwater and marine microalgae, under visible light and UV-A radiation
Name of the conference: 30th ESCPB
City of event: Barcelona, Spain
Date of event: 04/09/2016
End date: 07/09/2016
Organising entity: ESCPB/CSIC **Type of entity:** Public Research Body
"30th ESCPB Congress. Unraveling complexity: from molecules to ecosystems. Book of Abstract".
- 40** **Title of the work:** Behaviour of CeO₂ nanoparticles and bulk and their toxicity in freshwater and seawater microalgae
Name of the conference: XVIII Seminario Ibérico de Química Marina
City of event: Alicante, Spain
Date of event: 19/07/2016
End date: 22/07/2016
Organising entity: Universidad de Alicante **Type of entity:** University
Pilar Este; Marta Sendra; Ignacio Moreno Garrido; José Manuel Gatica; Julián Blasco. "XVIII Seminario Ibérico de Química Marina".
- 41** **Title of the work:** Oxidative stress and neurotoxicity in *Scrobicularia plana* exposed to pharmaceutical mixture
Name of the conference: XVIII Seminario Ibérico Química Marina
City of event: Alicante, Spain
Date of event: 19/07/2016
End date: 22/07/2016
Organising entity: Universidad de Alicante **Type of entity:** University
Chiara Trombini; Miriam Hampel; Julián Blasco. "Libro Resúmenes XVIII Seminario Ibérico Química Marina".
- 42** **Title of the work:** Statistical modeling of proteome expression data in Manila clam, *Ruditapes philippinarum*, exposed to citrate capped gold nanoparticles (AuNP), as a model contaminant of environmental nanoparticle contamination
Name of the conference: The Valencia Bayesian Research VABAR group. ScoVa16 Workshop
City of event: Valencia, Spain



Date of event: 2016

RG Gavidia; M. Volland; J. Blasco; A. Torreblanca; M. Hampel.

- 43** **Title of the work:** A membranar subproteome approach to understand the relationship between the polychaete *Branchipolynoe seepensis* and the mussel *Bathymodiolys azoricus* from Lucky Strike hydrothermal vent field
Name of the conference: 14th DSBS Deep Sea Biology Symposium
City of event: Aveiro, Portugal
Date of event: 31/08/2015
End date: 04/09/2015
Organising entity: Universidad de Aveiro
C. Cardoso; T. Gomes; H. Osorio; J. Blasco; A. Colaço; RS Santos; MJ Bebianno.
- 44** **Title of the work:** Antioxidant defense mechanisms against metal stressors in the commensal polychaete *Branchipolynoe seepensis* and the host mussel *Bathymodiolus azoricus* from the Mid-Atlantic Ridge (MAR)
Name of the conference: 14th DSBS Deep Sea Biology Symposium
City of event: Aveiro, Portugal
Date of event: 31/08/2015
End date: 04/09/2015
Organising entity: Universidad de Aveiro
C. Cardoso; T. Gomes; J. Blasco; A. Colaço; RS Santos; MJ Bebianno.
- 45** **Title of the work:** Antioxidant responses and bioaccumulation in clam *Scrobicularia plana* exposed to arsenate
Name of the conference: CICTA 2015
City of event: Vila Real, Norte, Portugal
Date of event: 14/07/2015
End date: 17/07/2015
Organising entity: University of Trás-os-Montes and **Type of entity:** University -alto Douro/SICTA
C. Trombini; M. Hampel; G. Rodríguez-Moro; T. García-Barrera; J. Gómez-Ariza; J. Blasco.
- 46** **Title of the work:** Biological responses on *C. maenas* caused by sediment properties and pH interactions during CO₂ leakage events from sub-seabed injection and storage
Name of the conference: CICTA 2015
City of event: Vila Real, Norte, Portugal
Date of event: 14/07/2015
End date: 17/07/2015
Organising entity: University of Trás-os-Montes and **Type of entity:** University -alto Douro/SICTA
A. Rodríguez-Romero; N. Jimenez-Tenorio; I. Riba-López; J. Blasco.
- 47** **Title of the work:** Effect of adsorbed TiO₂ nano-particles on aquatic organisms
Name of the conference: CICTA 2015
City of event: Vila Real, Norte, Portugal
Date of event: 14/07/2015
End date: 17/07/2015
Organising entity: University of Trás-os-Montes and **Type of entity:** University -alto Douro/SICTA
M. Sendra-Vega; I. Moreno-Garrido; L.M. Lubian; A. Tovar-Sánchez; J. Blasco.



- 48** **Title of the work:** Enantiospecific chronic effects of ibuprofen in the freshwater crustacean, *A. desmarestii*.
Name of the conference: CICTA 2015
City of event: Vila Real, Norte, Portugal
Date of event: 14/07/2015
End date: 17/07/2015
Organising entity: University of Trás-os-Montes and **Type of entity:** University
-alto Douro/SICTA
E. Nieto; M. Hampel; J. Aceña; E. González-Oregón; S. Pérez; P. Drake; J. Blasco.
- 49** **Title of the work:** Itraq-based proteomics analysis of citrate gold nanoparticle exposure effects in the marine clam *Ruditapes philippinarum*
Name of the conference: CICTA 2015
City of event: Vila Real, Norte, Portugal
Date of event: 14/07/2015
End date: 17/07/2015
Organising entity: University of Trás-os-Montes and **Type of entity:** University
-alto Douro/SICTA
M. Volland; A. Torreblanca; J. Blasco; M. Hampel.
- 50** **Title of the work:** Changes in Branchipolynoe seepensis membranar subproteome from lucky strike hydrothermal vent field
Name of the conference: 18th International Symposium on Pollutant Responses in Marine Organisms
City of event: Trondheim, Norway
Date of event: 24/05/2015
End date: 27/05/2015
Organising entity: The Norwegian University of Science and Technology NTNU
C. Cardoso; T. Gomes; H. Osorio; J. Blasco; A. Colaço; RS Santos; MJ Bebianno.
- 51** **Title of the work:** Host-symbiont interaction between the polychaete Branchipolynoe seepensis and the vent mussel Bathymodiolus azoricus in response to metal accumulation in the mid-Atlantic-ridge (mar)
Name of the conference: 18th International Symposium on Pollutant Responses in Marine Organisms
City of event: Trondheim, Norway
Date of event: 24/05/2015
End date: 27/05/2015
Organising entity: The Norwegian University of Science and Technology NTNU
C. Cardoso; T. Gomes; J. Blasco; A. Colaço; RS Santos; MJ Bebianno.
- 52** **Title of the work:** Behaviour of TiO₂ nanoparticles and bulk and their toxicity in freshwater and seawater microalgae
Name of the conference: 25th SETAC Europe
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 03/05/2015
End date: 07/05/2015
Organising entity: SETAC-Europe
Marta Sendr; Ignacio Moreno-Garrido; Julian Blasco.
- 53** **Title of the work:** Effects of pharmaceuticals on larvae and juveniles of Palaemons variants under daily variation of temperature
Name of the conference: 25th SETAC-Europe
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain



Date of event: 03/05/2015

End date: 07/05/2015

Organising entity: SETAC-Europe

Enrique González Ortegón; Julian Blasco; L. LeVay; Luis Giménez.

54 Title of the work: Impact of metal stressors between the polychaete "Branchipolynoe seepensis" and the host mussel "Bathymodiolus azoricus" from Mid-Atlantic-Ridge hydrothermal vents

Name of the conference: 25th SETAC Europe

Type of participation: Participatory - oral communication

City of event: Barcelona, Spain

Date of event: 03/05/2015

End date: 07/05/2015

Organising entity: SETAC-Europe

C. Cardoso; T. Gomes; Julian Blasco; A. Colaço; RS Santos; MJ Bebianno.

55 Title of the work: Methodology approach using effect-based monitoring tools to link surface water quality, ecotoxicity and pollutants availability

Name of the conference: 25th SETAC-Europe

Type of participation: Participatory - oral communication

City of event: Barcelona, Spain

Date of event: 03/05/2015

End date: 07/05/2015

Organising entity: SETAC

Neus Roig; Jordi Sierra; Ignacio Moreno Garrido; Elena Nieto; Miriam Hampel; M Nadal; Julian Blasco; Marta Schuhmacher.

56 Title of the work: Behavior and toxicity of nanoparticles: from freshwater to saltwater

Name of the conference: ImagineNano 2015

Type of event: Conference

Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk

Corresponding author: Yes

City of event: Bilbao, Spain

Date of event: 10/03/2015

End date: 13/03/2015

Organising entity: FUNDACION PHANTOMS

Julian Blasco.

57 Title of the work: Statistical modeling of proteome expression data in Manila clam, *Ruditapes philipinarum*, exposed to citrate capped gold nanoparticles (AuNP), as a model contaminant of environmental nanoparticle contamination.

Name of the conference: Statistical Models for Omics Data Integration and Analysis

City of event: Valencia,

Date of event: 2015

RG Gaviria; M. Volland; J. Blasco; A. Torreblanca; M. Hampel.

58 Title of the work: Laboratory simulation of CO2 leakages during injection and storage in sub-seabed geological formations: metal accumulation and toxicity in the model benthic organisms *Hediste*

Name of the conference: 6th Bilateral Seminar Italy-Japan

City of event: Palermo, Italy

Date of event: 19/11/2014

End date: 20/11/2014



Organising entity: Consiglio Nazionale Ricercar-University of Siena
Araceli Rodríguez Romero; Natalia Jimenez Tenorio; Inmaculada Riba; Julian Blasco.

- 59 Title of the work:** Uptake, elimination and oxidative stress response to 0.75 ug/L citrate gold nanoparticle exposure in the marine clam *Ruditapes philippinarum*
Name of the conference: 2nd Marine NanoEcoSafety Workshop
City of event: Palermo, Italy
Date of event: 17/11/2014
End date: 18/11/2014
Organising entity: Consiglio Nazionale Ricercar-University of Siena
Moritz Volland; Miriam Hampel; Chiara Trombini; Juan Antonio Martos Sitcha; Gonzalo Martínez Rodríguez; Julian Blasco.
- 60 Title of the work:** STEM in SEM imaging of gold nanoparticles in tissular ecotoxicity experiments
Name of the conference: 18th International Microscopy Congress
City of event: Praga,
Date of event: 07/09/2014
End date: 12/09/2014
Carlos García Negrete; María del Carmen Jiménez de Haro; Julián Blasco; Manu Soto; Asunción Fernández.
- 61 Title of the work:** Citrate Capped Gold Nanoparticle Exposure in The Marine Clam *Ruditapes philippinarum*: Uptake, Elimination and Effect
Name of the conference: ESCPB 2014
City of event: Glasgow, United Kingdom
Date of event: 01/09/2014
End date: 04/09/2014
Organising entity: European Society of Comparative Physiology and Biochemistry
Moritz Volland; Chiara Trombini; Miriam Hampel; Carlos García-Negrete; Juan Antonio Martos-Sitcha; Gonzalo Martínez-Rodríguez; Asunción Fernández; Julian Blasco. "Abstract book".
- 62 Title of the work:** Toxicity of metal nanoparticle in marine and freshwater microalgae
Name of the conference: ESCPB 2014
City of event: Glasgow, United Kingdom
Date of event: 01/09/2014
End date: 04/09/2014
Organising entity: European Society of Comparative Physiology and Biochemistry
Sara Pérez; Ignacio Moreno-Garrido; Luis F. Capitán-Vallvey; Alejandro Lapresta; Luis M. Lubián; Miriam Hampel; Julian Blasco. "Abstract book".
- 63 Title of the work:** Effect of temperature and salinity on Cd adsorption in a sandy coastal sediment
Name of the conference: XVII Seminario Ibérico de Química Marina
City of event: Las Palmas de GRan Canaria, Spain
Date of event: 11/06/2014
End date: 13/06/2014
Organising entity: Universidad de Las Palmas de Gran canaria
Julian Blasco; Verónica Saenz-Arreucochea; Abelardo Gómez-Parra. "Abstract Book".
- 64 Title of the work:** Toxicity of silver and gold-silver alloy nanoparticles in marine and freshwater microalgae
Name of the conference: XVII Seminario Ibérico de Química Marina
City of event: Las Palmas de GRan Canaria, Spain



Date of event: 11/06/2014

End date: 13/06/2014

Organising entity: Universidad de Las Palmas de Gran Canaria

Sara Pérez; Ignacio Moreno-Garrido; Luis Fermín Capitán-Vallvey; Alejandro Lapresta-Fernández; Luis M. Lubián; Julian Blasco. "Abstract Book".

65 Title of the work: Citrate gold nanoparticle exposure in the marine clam *Ruditapes philippinarum*: Uptake, elimination and effect

Name of the conference: SETAC Europe 24th Annual Meeting

City of event: Basel, Switzerland

Date of event: 11/05/2014

End date: 15/05/2014

Organising entity: SETAC Europe

Moritz Volland; Miriam Hampel; Chiara Trombini; Tania Gomes; Carlos Garcia-Negrete; Asunción Fernández; Maria Joao Bebianno; Julian Blasco; Julián Blasco. "Abstract Book".

66 Title of the work: Improving the WFD purposes by the incorporation of ecotoxicity tests and the assessment of pollutants availability

Name of the conference: SETAC Europe 24th Annual Meeting

City of event: Basel, Switzerland

Date of event: 11/05/2014

End date: 15/05/2014

Organising entity: SETAC Europe

Neus Roig; Jordi Sierra; M. Nadal; Ignacio Moreno-Garrido; Elena Nieto; Miriam Hampel; Julián Blasco; Marta Schummacher; J Domingo. "Abstract Book".

67 Title of the work: Relating subcellular copper partitioning to the growth effect in *Ruditapes philippinarum* (*Bivalvia*: Veneridae) exposed to continuous, increasing and pulse impact of copper contaminated sediments

Name of the conference: SETAC Europe 24th Annual Meeting

City of event: Basel, Switzerland

Date of event: 11/05/2014

End date: 15/05/2014

Organising entity: SETAC Europe

Ligia Santana; Olivia Campana; L.V. Lotufo; D.M. Abessa; Julián Blasco. "Abstract Book".

68 Title of the work: Single and mixture toxicity of pharmaceuticals on *Atyaephyra desmarestii* in global changes scenarios

Name of the conference: SETAC Europe 24th Annual Meeting

City of event: Basel, Switzerland

Date of event: 11/05/2014

End date: 15/05/2014

Organising entity: SETAC Europe

Elena Nieto; Miriam Hampel; Pilar Drake; Enrique González-Ortegón; Julian Blasco. "Abstract Book".

69 Title of the work: The effect of pharmaceutical compounds on the larval development of the estuarine shrimp *Palaemon longirostris*

Name of the conference: SETAC Europe 24th Annual Meeting

City of event: Basel, Switzerland

Date of event: 11/05/2014

End date: 15/05/2014

Organising entity: SETAC Europe



Enrique González-Ortegón; L. Giménez; L. LeVay; Elena Nieto; Miriam Hampel; Julián Blasco. "Abstract Book".

- 70** **Title of the work:** Nanotoxicity of metal nanoparticles in aquatic organisms: some facts and gaps
Name of the conference: NanoSpain Conf. 2014
City of event: Madrid, Spain
Date of event: 11/03/2014
End date: 14/03/2014
Organising entity: FUNDACION PHANTOMS; UA Madrid, CSIC, UPM, DIFC, Julián Blasco; Moritz Volland; Sara Pérez; Carlos Garcia-Negrete; Jorge Otero; Asuncion Fernandez; Ignacio Moreno-Garrido; Miriam Hampel. "Abstract Book".
- 71** **Title of the work:** Effects of food limitation and pharmaceuticals compounds on the larval development of a marine invertebrate
Name of the conference: 4th International SCARCE Conference
City of event: Cádiz, Spain
Date of event: 25/11/2013
End date: 26/11/2013
Organising entity: ICMAN (CSIC)/IDAEA (CSIC)
Enrique González-Ortegón; Julian Blasco; L. LeVay; L. Gimenez. "Abstract book".
- 72** **Title of the work:** Exposure to human pharmaceuticals produces differential transcriptome expression fingerprints in the brain of the seabream, Sparus aurata
Name of the conference: 4th International SCARCE Conference
City of event: Cádiz, Spain
Date of event: 25/11/2013
End date: 26/11/2013
Organising entity: ICMAN (CSIC)/IDAEA (CSIC)
Miriam Hampel; Massimo Milan; Julian Blasco; Sara Ferrareso; Luca Bargelloni. "Abstract book".
- 73** **Title of the work:** Improving the WFD purposes by the incorporation of ecotoxicity tests
Name of the conference: 4th International SCARCE Conference
City of event: Cádiz, Spain
Date of event: 25/11/2013
End date: 26/11/2013
Organising entity: ICMAN (CSIC)/IDAEA (CSIC)
Neus Roig; Jordi Sierra; Marti Nadal; Ignacio Moreno-Garrido; Elena Nieto; Miriam Hampel; Julian Blasco; Marta Schummacher; J. Domingo. "Abstract book".
- 74** **Title of the work:** Temperature forcing and pharmaceuticals occurrence as proxy of global change. Sublethal effects (osmoregulatory capacity, ingestion and respiration rates) in the freshwater crustacean, A. desmarestii
Name of the conference: 4th International SCARCE Conference
City of event: Cádiz, Spain
Date of event: 25/11/2013
End date: 26/11/2013
Organising entity: ICMAN (CSIC)/IDAEA (CSIC)
Elena Nieto; Miriam Hampel; Enrique Gonzalez-Ortegon; Pilar Drake; Julian Blasco. "Abstract book".



- 75** **Title of the work:** Sunscreen products as emerging pollutants in coastal waters
Name of the conference: 2013 40th CIESM CONGRESS
City of event: Marseille, France
Date of event: 28/10/2013
End date: 01/11/2013
Organising entity: The Mediterranean Science Commission
David Sánchez Quiles; Antonio Tovar Sánchez; Nuria Marbá; Mardjan Makhani; Gotzon Basterrexta; Juan Benedé; Alberto Chisvert; Amparo Salvador; Ignacio Moreno; Julián Blasco.
- 76** **Title of the work:** Location study of gold NPs in bivalve tissue by STEM mode in a SEM-FEG microscope
Name of the conference: Microscopy at the Frontiers of Science
City of event: Tarragona,
Date of event: 17/09/2013
End date: 20/09/2013
Carlos A. García Negrete; María del Carmen Jiménez del Haro; Julian Blasco; Asunción Fernández.
- 77** **Title of the work:** Combined developmental and growth responses of early life stages of a marine invertebrate to emergent compounds
Name of the conference: CICTA 2013
City of event: Valencia, Spain
Date of event: 01/07/2013
End date: 04/10/2013
Organising entity: SICTA-Universidad de Valencia
E. González Ortigón; J. Blasco; L. Levay; L. Giménez.
- 78** **Title of the work:** Detection of intracellular reactive oxygen species (ROS) by flow cytometry on microalgae: studies on laboratory monoalgal and natural mixed cultures
Name of the conference: CICTA 2013
City of event: Valencia, Spain
Date of event: 01/07/2013
End date: 04/10/2013
Organising entity: SICTA-Universidad de Valencia
Sara Perez-García; L.M. Lubián; J. Blasco; I. Moreno Garrido.
- 79** **Title of the work:** Simulation of CO₂ leakages from marine stable and geological storage: metal mobilization and biota effects
Name of the conference: CICTA 2013
City of event: Valencia, Spain
Date of event: 01/07/2013
End date: 04/10/2013
Organising entity: SICTA-Universidad de Valencia
Araceli Rodriguez Romero; M.D. Basallote Sanchez; M.R. De Orte; T.A. DelValls; I Riba; J. Blasco.
- 80** **Title of the work:** Uptake, effect and elimination of engineered gold nanoparticles in the marine bivalve clam *Ruditapes philippinarum*
Name of the conference: CICTA 2013
City of event: Valencia, Spain
Date of event: 01/07/2013
End date: 04/10/2013
Organising entity: SICTA-Universidad de Valencia



Moritz Volland; Chiara Trombini; Carlos Garcia Negrete; Asuncion Fernandez; Tania Gomes; Maria Joao Bebianno; Miriam Hampel; Julian Blasco.

- 81** **Title of the work:** Preliminary risk assessment of the pharmaceuticals occurrence in two marine ecosystems: Cadiz Bay and Gulf of Gdansk
Name of the conference: SETAC Europe 23rd annual meeting 2013
City of event: Glasgow, United Kingdom
Date of event: 12/05/2013
End date: 16/05/2013
Organising entity: SETAC
G.Siedlewicz; E. Kotlarska; M. Borecka; K.Pazdro; Miriam Hampel; Ignacio Moreno-Garrido; Chiara Trombini; Julian Blasco.
- 82** **Title of the work:** Assessment of pollution issues in Doñana National Park by the biological response of *P. clarkii*
Name of the conference: PRIMO 17. Pollutant responses in marine organisms
City of event: Faro, Portugal
Date of event: 05/05/2013
End date: 08/05/2013
Organising entity: University of Algarve
Jose L. Gomez-Ariza; Maria J. Bebianno; Julian Blasco; Amanda Gago-Tinoco; R. Gonzalez-Dominguez; Tamara García-Barrera.
- 83** **Title of the work:** Evaluation of lethal and sublethal effects of exposure to gold nanoparticles and dissolved gold on aquatic organisms
Name of the conference: PRIMO 17. Pollutant responses in marine organisms
City of event: Faro, Palestinian Occupied Territories
Date of event: 05/05/2013
End date: 08/05/2013
Organising entity: University of Algarve
City organizing entity: Portugal
Miriam Hampel; Jorge Otero; Carlos Garcia-Negrete; Asuncion Fernandez Camacho; Julian Blasco.
- 84** **Title of the work:** Multivariate methods and artificial neural networks in the assessment of the response of infaunal assemblages to sediment metal contamination and organic enrichment
Name of the conference: PRIMO 17. Pollutant responses in marine organisms
City of event: Faro, Portugal
Date of event: 05/05/2013
End date: 08/05/2013
Organising entity: University of Algarve **Type of entity:** University
Pilar Drake; M.D. Subida; Angel Berihuete; Julian Blasco.
- 85** **Title of the work:** Occurrence pharmaceuticals in south west Iberian Peninsula: A preliminary risk assessment
Name of the conference: PRIMO 17. Pollutant responses in marine organisms
City of event: Faro, Portugal
Date of event: 05/05/2013
End date: 08/05/2013
Organising entity: University of Algarve
Julian Blasco; Miriam Hampel; C. Pereira; Chiara Trombini; Maria Gonzalez-Rey; Elena Nieto; Ignacio Moreno-Garrido; Maria J. Bebianno.



- 86** **Title of the work:** Potential environmental implications derived from carbon dioxide capture and storage in marine stable geological formations. Biological effects on the benthic organisms *Ruditapes philippinarum*
Name of the conference: PRIMO 17 Pollutant responses in marine organisms
City of event: Faro, Portugal
Date of event: 05/05/2013
End date: 08/05/2013
Organising entity: University of Algarve
Araceli Rodriguez-Romero; M.D. Basallote-Sánchez; Natalia Jimenez-Tenorio; Manoela R. De Orte; Inmaculada Riba; Julian Blasco.
- 87** **Title of the work:** ROS-Scavenging enzyme activities in three marine microalgal species exposed to model contaminants (copper, irgarol and atrazine)
Name of the conference: PRIMO 17. Pollutant responses in marine organisms
City of event: Faro, Portugal
Date of event: 05/05/2013
End date: 08/05/2013
Organising entity: University of Algarve
Pablo Lozano; Chiara Trombini; Julian Blasco; Ignacio Moreno-Garrido.
- 88** **Title of the work:** Studying the influence of CO₂ release from sub-seabed geological storages in sediment toxicity by using acute amphipod toxicity test
Name of the conference: International Symposium on Toxicity Assessment ISTA 16
City of event: Cape Town, South African Republic
Date of event: 21/02/2013
End date: 26/02/2013
Organising entity: University of Western Cape
Maria Dolores Basallote; Araceli Rodriguez-Romero; Manoela R. De Orte; Julian Blasco; Tomas A. DelValls; Inmaculada Riba.
- 89** **Title of the work:** Assessing toxicity of citrate-gold nanoparticles at different marine trophic levels (microalgae, copepods and bivalve mollusks)
Name of the conference: NanoSpain Conf. 2012
City of event: Santander,
Date of event: 2012
Julián Blasco; Ignacio Moreno-Garrido; Miriam Hampel; Jorge Otero; Gozalo Quiroga; Moritz Volland; Carlos A. García-Negrete; A. Lapresta-Fernández; Asunción Fernández.
- 90** **Title of the work:** Distribution of inorganic and organic contaminants in sediments of the Guadalquivir River estuary
Name of the conference: XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar
Type of participation: Participatory - poster
City of event: Cadiz,
Date of event: 2012
Blasco, J.; Eljarrat, E. and D. Barceló.
- 91** **Title of the work:** Efectos de la salinidad sobre el crecimiento, la fluorescencia de clorofila y el drift de la microalga bentónica *Cylindrotheca closterium* TIPO DE PRESENTACIÓN: Comunicación oral.
Name of the conference: XVII Iberian Symposium on Marine Biology Studies,
City of event: San Sebastián, España,
Date of event: 2012



Sonia Romero-Romero; Cristiano V.M. Araújo; Lúcio Lourençato; Ignacio Moreno-Garrido; Julián Blasco; Matilde Moreira-Santos; Rui Ribeir.

- 92** **Title of the work:** Effect of pharmaceutical compounds on the larval development of *Palaemon serratus*
Name of the conference: 3rd SCARCE International Conference, Bridging toxicants, stressors and risk based management under water scarcity
City of event: Valencia, Valencian Community, Spain
Date of event: 2012
End date: 2012
Organising entity: Universidad de Valencia, IDAEA-CSIC
Enrique Gonzalez Ortegon; Julian Blasco; Lewis LeVay; Luis Gimenez.
- 93** **Title of the work:** Effects of Pollutants in aquatic ecosystems of the cross-border region of the southwest of Iberian Peninsula
Name of the conference: SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting
Type of participation: 'Participatory - poster
City of event: Berlin,
Date of event: 2012
C.G. Pereira; T. Gomes; A. Rodriguez; D. Macías-Mayorga; J. Blasco; M.J. Bebianno.
- 94** **Title of the work:** Effects of environmentally relevant concentrations of pharmaceutical compounds on gene expression in the gilthead seabream, *Sparus aurata*
Name of the conference: XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar
Type of participation: 'Participatory - poster
City of event: Cadiz,
Date of event: 2012
Hampel; M. and J. Blasco.
- 95** **Title of the work:** Effects of temperature on acute mixture toxicity of pharmaceuticals: application of predictive mixture toxicity models
Name of the conference: 3rd SCARCE International Conference, Bridging toxicants, stressors and risk based management under water scarcity
City of event: Valencia, Valencian Community, Spain
Date of event: 2012
End date: 2012
Organising entity: Universidad Valencia, IDAEA-CSIC
Elena Nieto; Miriam Hampel; Julian Blasco Moreno.
- 96** **Title of the work:** Effects of the exposure of the clam *Ruditapes philippinarum* to carbamezapine, diclofenac and ibuprofen. Evaluation of enzymatic and molecular endpoints
TIPO DE PARTICIPACIÓN: Poster
Name of the conference: 28th Congress-European Society for Comparative Physiology and Biochemistry
City of event: Bilbao,
Date of event: 2012
C. Trombini; M. Hampel; J. Blasco.
- 97** **Title of the work:** Environmental metallomics and metabolomics in marine coastal research
Name of the conference: Helmholtz Zentrum Geesthacht
City of event: Hamburg, Germany
Date of event: 2012
Manuel Contreras Acuña; Amanda Gago Tinoco; Raul Gonzalez Dominguez; Tamara Garcia Barrera; Julian Blasco Moreno; Jose Luis Gomez Ariza.



- 98** **Title of the work:** Exposure of snail *Hydrobia ulvae* to copper spiked estuarine sediment: effects on activity and postexposure feeding TIPO DE PRESENTACIÓN: póster
Name of the conference: XII Congresso Brasileiro de Ecotoxicologia
City of event: Porto de Galinhas,
Date of event: 2012
Cristiano V.M. Araújo; Julián Blasco; Ignacio Moreno-Garrido.
- 99** **Title of the work:** Exposure of the bivalve *Ruditapes philippinarum* to gold nanoparticles: Location study by electron microscopy
Name of the conference: NanoSpain Conf. 2012
City of event: Santander,
Date of event: 2012
C.A.García-Negrete; T.C.Rojas Ruíz; M.C.Jimenez de Haro; A.Lapresta-Fernández; A.Fernández; M.Volland; M.Hampel; J.Blasco.
- 100** **Title of the work:** Laboratory scale experimental system for the assessment of acidification impacts on aquatic organisms caused by CO₂ leakages from marine stable geological storage formations
Name of the conference: XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar
Type of participation: 'Participatory - poster
City of event: Cadiz,
Date of event: 2012
Rodríguez-Romero, A.; Basallote-Sánchez, M.D.; De Orte, M.R.; Sarmiento, A.M.; DelValls, A.; Riba, I. and J. Blasco.
- 101** **Title of the work:** Laboratory scale simulation of CO₂ leakages from marine stable geological storage: metal accumulation and biological effects on the benthic organism *Ruditapes philippinarum*
Name of the conference: SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting
Type of participation: 'Participatory - poster
City of event: Berlin,
Date of event: 2012
A. Rodríguez Romero; J. Blasco; I. Riba.
- 102** **Title of the work:** Linking subcellular metal partitioning to the particulate and dissolved exposure pathways and chronic effect of copper in two deposit feeder organisms
Name of the conference: SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting
Type of participation: 'Participatory - poster
City of event: Berlin,
Date of event: 2012
O. Campana; A.M. Taylor; J. Blasco; S.L. Simpson.
- 103** **Title of the work:** Metabolomic and Metallomic Analysis of crab *Procambarus clarkii* to assess the pollution in Doñana National Park
Name of the conference: 7th International Franco-Spanish workshop on Bio-inorganic Analytical Chemistry
City of event: Gijon, Spain
Date of event: 2012
Amanda Gago Tinoco; Raul Gonzalez Dominguez; Julian Blasco Moreno; Tamara Garcia Barrera; Jose Luis Gomez Ariza.



- 104** **Title of the work:** Monitoring of the quality of the Atlantic coastal waters using algae and molluscs as bioindicators of contamination
Name of the conference: XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar
Type of participation: 'Participatory - poster
City of event: Cadiz,
Date of event: 2012
Blasco, J.; Laissouai, A.; Benkdad, A.; Moreno Garrido, I.; Hampel, M.; Macías-Mayorga, D. and M. Benmansour1.
- 105** **Title of the work:** Pharmaceuticals in the aquatic environment: multi-biomarker approach for assessing the health status in the clam *Ruditapes philippinarum*
Name of the conference: 3rd SCARCE International Conference, Bridging toxicants, stressors and risk based management under water scarcity
City of event: Valencia, Spain
Date of event: 2012
Organising entity: Universidad Valencia-IDAEA (CSIC)
City organizing entity: Valencia,
Chiara Trombini; Miriam Hampel.
- 106** **Title of the work:** Quality assessment of two ecologically important ecosystems in the south coast of Portugal - oxidative stress biomarkers and proteomic analysis in *Scrobicularia plana*
Name of the conference: XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar
Type of participation: 'Participatory - poster
City of event: Cadiz,
Date of event: 2012
Gomes, T.; Pereira, C.; Rodriguez, A.; Macías-Mayorga, D.; González-Rey, M.; Blasco, J. and M.J. Bebianno.
- 107** **Title of the work:** Single and combined toxicity of pharmaceutical compounds on the harpacticoid copepod, *Tisbe battagliai*
Name of the conference: XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar
City of event: Cádiz,
Date of event: 2012
Trombini, C.; Romero, M.D.; Blasco, J. and M. Hampel.
- 108** **Title of the work:** Superoxide dismutase activity in three marine microalgal species exposed to copper, Irgarol and Atrazine: a discussion on species sensitivity. TIPO DE PRESENTACIÓN: póster
Name of the conference: XII Congresso Brasileiro de Ecotoxicologia.
City of event: Porto de Galinhas,
Date of event: 2012
Pablo Lozano; Chiara Trombini; Elena Crespo; Julián Blasco; Ignacio Moreno-Garrido.
- 109** **Title of the work:** The SCARCE Consolider project on water scarcity in Iberian river basins
Name of the conference: SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting
City of event: Berlin,
Date of event: 2012
A. Navarra-Ortega; S. Sabater; I. Muñoz; X. Sanchez-Vila; C. Conde; Y. Picó; J. Blasco; A. Elozegi; M. Schuhmacher; R. Batalla; F. Francés; D. Barcelo.



- 110** **Title of the work:** Toxicity bioassay for dissolved Au and Au-Citrate nanoparticles on five marine microalgal species
Name of the conference: XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar
Type of participation: 'Participatory - poster
City of event: Cadiz,
Date of event: 2012
Moreno-Garrido, I.; Trombini, C.; García-Negrete, C.; Lapresta-Fernández, A.; Fernández, A.; Blasco, J.
- 111** **Title of the work:** Toxicity bioassays on epiphyte populations attached to silica mimes at subtidal locations.
TIPO DE PRESENTACIÓN: póster
Name of the conference: XII Congresso Brasileiro de Ecotoxicologia
City of event: Porto de Galinhas,
Date of event: 2012
Elena Crespo; Pablo Lozano; Julián Blasco; Ignacio Moreno-Garrido.
- 112** **Title of the work:** Transcriptome analysis of the brain of the gilthead sea bream (*Sparus aurata*) after exposure to environmental concentrations of human pharmaceuticals
Name of the conference: SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting
Type of participation: 'Participatory - poster
City of event: Berlin,
Date of event: 2012
M. Hampel; M. Milan; J. Blasco; S. Ferrareso; L. Bargelloni.
- 113** **Title of the work:** Use of a metallomics approach to assess the biological response of the clam *Scrobicularia plana* in several environmental areas of southwest Iberian peninsula
Name of the conference: XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar
City of event: Cádiz,
Date of event: 2012
Gago-Tinoco, A.; González-Fernández, M.; García-Barrera, T.; Blasco, J.; Bebiano, M.J. and J.L. Gómez-Ariza.
- 114** **Title of the work:** "Influence of the sediment particle size and particulate organic carbon on dissolved and particulate exposure pathways and chronic effects of copper in sediments"
Name of the conference: 13th Australasian Society for Ecotoxicology Conference
Type of participation: 'Participatory - poster
City of event: Darwin, Australia,
Date of event: 2011
Campana O.; Spadaro S.; Blasco J.; Simpson S.
- 115** **Title of the work:** Effects of the exposure of the clam *Ruditapes philippinarum* to gold nanoparticles. Evaluation of enzymatic and molecular endpoints
Name of the conference: PRIMO 16
City of event: Long Beach,
Date of event: 2011
M. Volland; M. Hampel; C. García-Negrete; A. Lapresta-Fernández; T.C. Rojas; M. C. Jiménez del Haro; A. Fernández; Julián Blasco.



- 116** **Title of the work:** Enzymatic and molecular responses on the Manila clam, *Ruditapes philippinarum*, to gold nanoparticles and dissolved gold
Name of the conference: 6th International Conference. Environmental Effects of Nanoparticles and Nanomaterials
City of event: London,
Date of event: 2011
Julián Blasco; M. Volland; M. Hampel; C. García-Negrete; A. Lapresta-Fernández; T.C. Rojas; M. C. Jiménez del Haro; A. Fernández.
- 117** **Title of the work:** Phytochelatins as biomarkers of cadmium and copper toxicity in marine microalgae
Name of the conference: PRIMO 16
Type of participation: 'Participatory - poster
City of event: Long Beach,
Date of event: 2011
S. Pérez; M. Hampel; I. Moreno; J. Blasco.
- 118** **Title of the work:** Quality assessment of two ecologically important ecosystems in the south coast of Portugal-oxidative stress biomarkers and proteomic analysis in *Nereis divesicolor*
Name of the conference: PRIMO 16
City of event: Long Beach,
Date of event: 2011
C. Pereira; T. Gomes; M. González-Rey; J. Blasco; M. Bebianno.
- 119** **Title of the work:** Single and mixture toxicity of several pharmaceutical compounds on survival of the haparticoid copepod, *Tisbe battagliai*.
Name of the conference: PRIMO 16
Type of participation: 'Participatory - poster
City of event: Long Beach,
Date of event: 2011
C. Trombini; M. Romero; J. Blasco; M. Hampel.
- 120** **Title of the work:** Toxicity testing and behavioral changes in two species exposure to several pharmaceutical compounds: the copepod *Tisbe battagliai* and the shrimp *Atyaephyra desmarestii*
Name of the conference: SCARCE 2nd Annual Conference. Integrated modelling and monitoring at different river basin scale
City of event: Madrid,
Date of event: 2011
Elena Nieto; Pilar Drake; C. Trombini; E. González-Ortegón; Miriam Hampel; Julián Blasco.
- 121** **Title of the work:** "Contribution of dissolved and particulate exposure pathways to the chronic effect of copper"
Name of the conference: 6th International Conference on Marine Pollution and Ecotoxicology.
Type of participation: 'Participatory - poster
City of event: Hong Kong,
Date of event: 2010
Campana O.; Spadaro S.; Blasco J.; Simpson S.
- 122** **Title of the work:** Acumulación de cobre y cadmio en *Crassostrea angulata* ¿sinergismo o antagonismo?
Name of the conference: XV Seminario Ibérico Química Marina
Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 2010



.Macías-Mayorga; D.; Moreno-Garrido; I.; Blasco; J.

- 123 Title of the work:** Avoidance behaviour of *Hydrobia ulvae* exposed to a gradient with contaminated estuarine sediment
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2010
Cristiano Araújo; Julián Blasco; Ignacio Moreno-Garrido.
- 124 Title of the work:** Biomarkers and protein expression profiles in *Scrobicularia plana* from the southwest Iberian Peninsula
Name of the conference: CICTA 2010
City of event: Heredia, Costa Rica
Date of event: 2010
Gomes; T.; González-Rey; M.; Rodríguez-Romero; A.; Trombini; C.; Riba; I.; Blasco; J.; Bebianno; M. J..
- 125 Title of the work:** Biomarkers and proteomic analysis in *Nereis diversicolor* as tools to management quality assessment in the southwest Iberian coast.
Name of the conference: XV Seminario Ibérico Química Marina
City of event: Vigo, Spain
Date of event: 2010
Gomes; T.; González-Rey; M.; Rodríguez-Romero; A.; Trombini; C.; Riba; I.; Blasco; J.; Bebianno; M. J.
- 126 Title of the work:** Contaminación metálica y estrés oxidativo en dos poblaciones de *Crassostrea angulata*: variaciones estacionales
Name of the conference: CICTA 2010
Type of participation: 'Participatory - poster
City of event: Heredia, Costa Rica
Date of event: 2010
.Macías-Mayorga; D.; I. Moreno-Garrido; J. Blasco.
- 127 Title of the work:** Effects of salinity on the accumulation of trace metals and toxicity in the polychaete, *Arenicola marina*
Name of the conference: CICTA 2010
Type of participation: 'Participatory - poster
City of event: Heredia, Costa Rica
Date of event: 2010
Kalman; J.; I. Riba-López; A. Del Valls-Casillas; J. Blasco.
- 128 Title of the work:** Estadística multivariante y la guía de calidad de sedimento: sus incertidumbres y riesgos asociados
Name of the conference: CICTA 2010
City of event: Heredia, Costa Rica
Date of event: 2010
Blasco; J.; C.V.M. Araujo; I. Moreno-Garrido.
- 129 Title of the work:** Evaluation of Comprehensive two dimensional gas chromatography-time of flight mass spectrometry for the analysis of high molecular-mass polycyclic aromatic hydrocarbons
Name of the conference: International Symposium on Capillary Chromatography and the 7th GCxGC Symposium
City of event: Riva del Garda, Italy



Date of event: 2010

M. Pena-Abaurrea; J. Blasco; L. Ramos.

- 130 Title of the work:** Exposure of the marine deposit feeder *Hydrobia ulvae* to sediment associated LAS
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2010
Aourell Mauffret; A Rico-Rico; A Temara; J. Blasco.
- 131 Title of the work:** Exposure of the marine deposit feeder *Hydrobia ulvae* to sediment spiked with LAS congeners
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2010
Aourell Mauffret; A Temara; J Blasco.
- 132 Title of the work:** Feeding preferences of the mudsnail *Hydrobia ulvae* and the prevention of macroalgal blooms in estuaries
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2010
Cristiano Araújo; Matilde Moreira-Santos; Joana Patrício; Irene Martins; Ignacio Moreno-Garrido; Julián Blasco; João Marques; Rui Ribeiro.
- 133 Title of the work:** Influence of pH on the bioaccumulation and effects of metals bound to sediments in the polychaete, *Arenicola Marina*
Name of the conference: XV Seminario Ibérico Química Marina
Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 2010
Kalman; J.; Riba; I.; DelValls; T.A.; Blasco; J.
- 134 Title of the work:** Metal composition of *Scrobicularia plana* shells in the River Guadalquivir Estuary: influence of the Aznalcollar mine spill
Name of the conference: CICTA 2010
City of event: Heredia, Costa Rica
Date of event: 2010
Blasco; J.; S. Pérez-Mayol; B. Morales-Nin; V. Tornero.
- 135 Title of the work:** Radionuclides and trace metals in microalgae from the Atlantic coasts from Morocco and Iberian Peninsula: baseline for integrated biomonitoring approach
Name of the conference: CICTA 2010
Type of participation: 'Participatory - poster
City of event: Heredia, Costa Rica
Date of event: 2010
Blasco; J.; A. Benkdad; M. Benmansour; I. Moreno-Garrido; V. Tornero; CV. M. Araujo; A. Laissaoui.



- 136** **Title of the work:** Ring-test for a whole sediment toxicity assay with the benthic marine diatom *Cylindrotheca closterium* (Ehrenmberg) (Lewin& Reinman)
Name of the conference: XV Seminario Ibérico Química Marina
City of event: Vigo, Spain
Date of event: 2010
Araujo; C.V.M.; J. Blasco; I. Moreno-Garrido.
- 137** **Title of the work:** Single and mixture toxicity of several pharmaceutical compounds on survival and reproduction of the harpacticoid copepod, *Tisbe battagliai*
Name of the conference: CICTA 2010
City of event: Heredia, Costa Rica
Date of event: 2010
. Hampel; M.; J. Blasco.
- 138** **Title of the work:** Spatiotemporal relationships between sediment metal concentrations and the structure of macrobenthic assemblages
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2010
Maria Dulce Subida; Pilar Drake; Julian Blasco.
- 139** **Title of the work:** The SCARCE Consolider project on Iberian river basins
Name of the conference: SETAC-Europe
City of event: Sevilla, Spain
Date of event: 2010
Alícia Navarro-Ortega; Sergi Sabater; Isabel Muñoz; Xavier Sanchez-Vila; Carlos Conde; Yolanda Picó; Francesc La-Roca; Julián Blasco; Arturo Elosegi; Marta Schumacher; Ramon Batalla; Félix Francés; Damià Barceló.
- 140** **Title of the work:** The SCARCE Project: Assessing and predicting global change effects on Iberian river basins
Name of the conference: CICTA 2010
City of event: Heredia, Costa Rica
Date of event: 2010
Blasco; J.; A. Navarro-Ortega; S. Sabater; I. Muñoz; X. Sánchez-Vila; C. Conde; Y. Picó; F. La Roca; A. Elosegui; M. Schummacher; R. Batalla; F. Francés; D. Barceló.
- 141** **Title of the work:** Trace metal concentrations in sediments from southwest of Iberian Peninsula
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2010
Julian Blasco; Tania Gomes; Tamara Garcia-Barrera; Araceli Rodriguez-Romero; Maria Gonzalez-Rey; Fernando Moran-Roldan; Chiara Trombini; Michal Miotk; Jose Luis Gomez-Ariza; Maria Joao Bebianno.
- 142** **Title of the work:** Uso de microfitorbentos para ensayos de toxicidad
Name of the conference: CICTA 2010
City of event: Heredia, Costa Rica
Date of event: 2010
Moreno-Garrido; I.; C.V.M. Araujo; J. Blasco .



- 143** **Title of the work:** Evaluation du degré de contamination par des éléments radioactifs dans le littoral maroco-espagnol grâce à l'usage des bioindicateurs (mollusques).
Name of the conference: International Conference on Sustainable Solid Waste Management
Type of participation: 'Participatory - poster
City of event: El Jadida, Morocco
Date of event: 2009
K. EL Fallah; A. Laissaoui; A. Chahlaoui; M.Fidah; A.Benkdad; M.Benmansour; J.Blasco; M.V.tornero; et I.Moreno Garrido.
- 144** **Title of the work:** Urban pressures on the Spanish Mediterranean coasts: ecotoxicological and ecological issues in marine ecosystems
Name of the conference: International workshop Impact of large coastal Mediterranean cities on Marine Ecosystems”
City of event: Alejandría, Egypt
Date of event: 2009
Blasco; J.; González-Mazo; E.; Tovar-Sánchez; A.
- 145** **Title of the work:** Accuracy of flow cytometry as method in benthic microalgae toxicity test: a comparison with density and viability cell
Name of the conference: 5th SETAC World Congress
Type of participation: 'Participatory - poster
City of event: Sidney, Australia
Date of event: 2008
Cristiano V.M. Araujo; Ignacio Moreno-Garrido; Fernando R. Diz; Luis M. Lubián and Julián Blasco.
- 146** **Title of the work:** Aplicación de la metodología DIGE a la proteómica ambiental
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
City of event: Lisboa, Portugal
Date of event: 2008
I. Varó; O. Antúnez; R. Company; M. J. Bebianno; M. Cajaraville; M. Hampel; J. Blasco; A. Torreblanca.
- 147** **Title of the work:** Application of toxicity tests to determine letal and sublethal effects of copper (CuSO₄.5 H₂O) and LAS (linear alkylbenzene sulphonate) for the haparticoid copepod, Tisbe battagliai
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
City of event: Lisboa, Portugal
Date of event: 2008
Fernando R. Diz; Cristiano V. M. Araujo; Ignacio Moreno-Garrido; Miriam Hampel; Julian Blasco.
- 148** **Title of the work:** Assessment of metal pollution in the Guadalquivir River ten years after the Aznalcóllar mine spill
Name of the conference: XIV Seminario Ibérico Química Marina
City of event: Cádiz,
Date of event: 2008
Tornero; V.; Arias; A.M.; Blasco; J.
- 149** **Title of the work:** Biomarkers and metals in oysters Crassostrea angulata (Lamarck, 1819) transplanted in the Guadalquivir River estuary
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
City of event: Lisboa, Portugal



Date of event: 2008

D. Macías; I. Moreno-Garrido; J. Blasco.

- 150** **Title of the work:** Biomarkers as tools to management of quality assessment in Southwest Iberian coast
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
A. Rodríguez-Romero; T. C. Gomes; C. Trombini; M. Gonzalez-Rey; L. Martín-Díaz; T. A. DelValls; M. J. Bebianno; J. Blasco.
- 151** **Title of the work:** Biomarkers in two benthic model organisms for quality assessment of southwest Iberian coastal zone
Name of the conference: XIV Seminario Ibérico Química Marina
City of event: Cádiz,
Date of event: 2008
Bebianno; M. J.; Blasco; J.; Gomes; T.; Rodríguez-Roero; A.; González-Rey; M.; Trombini; C.; Riba; I.
- 152** **Title of the work:** Calidad ambiental del sedimento de la bahía de Cádiz (España) basada en las respuestas de la microalga *Cylindrotheca closterium* y del copépodo *Tisbe battagliai*
Name of the conference: XIV Seminario Ibérico Química Marina
City of event: Cádiz,
Date of event: 2008
Araújo; C. V. M.; Diz; F. R.; Laiz; I.; Moreno-Garrido; I.; Lubian; L. M.; Blasco; J.
- 153** **Title of the work:** Composition and distribution of polycyclic aromatic hydrocarbons in the superficial sediments from the Sancti-Petri channel, Cádiz, Spain
Name of the conference: XIV Seminario Ibérico Química Marina
Type of participation: 'Participatory - poster
City of event: Cádiz,
Date of event: 2008
Ye; F.; DelValls Casillas; T. A.; Blasco; J.
- 154** **Title of the work:** Concentración de metales, biomarcadores de exposición y estrés oxidativo en *Crassostrea angulata* en dos poblaciones (bahía de Cádiz y estuario del Guadalquivir): Variaciones estacionales
Name of the conference: XIV Seminario Ibérico Química Marina
City of event: Cádiz,
Date of event: 2008
Macías; D.; Moreno-Garrido; I.; Blasco; J.
- 155** **Title of the work:** Derivation of environmentally safe concentrations (PNEC) for lineal alkylbenzene sulphonates (LAS) for environmental risk assessment purposes in sediments from the Tagus estuary, Portugal
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
M. Hampel; V. Branco; J. Canario; C. Vale; J. Blasco.



- 156** **Title of the work:** Efecto de temperatura y oscuridad sobre la sensibilidad de *Cylindrotheca closterium* a cobre
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
C. V. M. Araujo; I. Moreno-Garrido; F. R. Diz; L. M. Lubián; J. Blasco.
- 157** **Title of the work:** Effect of copper on metallothionein, antioxidante enzyme activities and glutathione levels in the bivalve *Crassostrea angulata* (Lamarck, 1819)
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
D. Macías; I. Moreno-Garrido; J. Blasco.
- 158** **Title of the work:** Effect of sediment acidification on the bioaccumulation of Zn in *Ruditapes philippinarum*
Name of the conference: SeaSink
Type of participation: 'Participatory - poster
City of event: Oporto, Portugal
Date of event: 2008
I. Riba; E. García-Luque; J. Kalman; J. Blasco; C. Vale.
- 159** **Title of the work:** Efeito do cobre sobre a viabilidade celular, fluorescencia de clorofila, crecimiento e tamanho celular de *Cylindrotheca closterium* (Bacillariophyceae)
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
City of event: Lisboa, Portugal
Date of event: 2008
C. V. M. Araujo; I. Moreno-Garrido; F. R. Diz; L. M. Lubián; J. Blasco.
- 160** **Title of the work:** Evaluation de la contamination dans l'entourage océanique et méditerranéen en utilisant les algues comme des bio-indicateurs
Name of the conference: Workshop sur les Techniques Analytiques, Nucléaires et Conventionnelles et leurs Applications
Type of participation: 'Participatory - poster
City of event: Meknes, Morocco
Date of event: 2008
A. Benkddad; A. Laissaoui; J. Blasco; I. Riba López; M. Benmansour; M. Chakir.
- 161** **Title of the work:** Fecundity and Nativity: An approach to standardization of sublethal toxicity tests with harpacticoid copepods
Name of the conference: 5th SETAC World Congress
Type of participation: 'Participatory - poster
City of event: Sidney, Australia
Date of event: 2008
Fernando R. Diz; Cristiano V. M. Araujo; Ignacio Moreno-Garrido; Miriam Hampel; Julian Blasco.



- 162 Title of the work:** Impact lead contamination on α -aminolevulinic acid dehydratase activity in several marine bivalve species along the Gulf of Cádiz
Name of the conference: XIV Seminario Ibérico Química Marina
Type of participation: 'Participatory - poster
City of event: Cádiz,
Date of event: 2008
Company; R.; Serafim; A. M.; Lopes; B.; Cravo; A.; Kalman; J; Rib; I; DelValls; T.A.; Blasco; J.; Delgado; J.; Sarmiento; A. M.; Nieto; J. M.; Shepherd; T. J.; Pearson; G.; Bebianno; M. J.
- 163 Title of the work:** LAS marine biodegradability assessment using bacterial communities from South of Spain and Sweden
Name of the conference: SETAC-Europe 18th Annual Meeting
Type of participation: 'Participatory - poster
City of event: Varsovia, Poland
Date of event: 2008
Aourell Mauffret; André Rottiers; David Gillan; Tom Federle; Martin Eriksson; Julian Blasco; Ali Temara.
- 164 Title of the work:** Metal bioavailability and toxicity in two benthic model organisms
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
A. Rodriguez-Romero; C. Trombini; T. Gomes; M. González-Rey; M. J. Bebbianno; J. Blasco.
- 165 Title of the work:** Metal contamination in sediment and biochemical responses in benthic organisms (*Scrobicularia plana* and *Nereis diversicolor*) is there a relationship between contamination and toxicity
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
A. Rodriguez; C. Trombini; J. Blasco.
- 166 Title of the work:** Monitorización de la contaminación por metales y radionuclidos en las costas de Marruecos mediante el uso de macrófitos (algas superiores y moluscos)
Name of the conference: XIV Seminario Ibérico Química Marina
Type of participation: 'Participatory - poster
City of event: Cádiz,
Date of event: 2008
Laissaoui; A.; Tornero; V.; Benkdad; A.; Moreno-Garrido; I.; Fidah; M.; Benmansour; M.; Blasco; J.
- 167 Title of the work:** Proteomics as a tool to evaluate the response of the clam, *Ruditapes philippinarum*, to linear alkylbenzene sulphonate (LAS) exposure
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
M. Hampel; I. Varó; A. Torreblanca; J. Blasco.



- 168** **Title of the work:** Sediment and benthic organism metal concentrations in ecosystems from southwest Iberian Peninsula
Name of the conference: XIV Seminario Ibérico Química Marina
City of event: Cádiz,
Date of event: 2008
Blasco; J.; Bebianno; M. J.; Rodríguez-Romero; A.; Rey; M.; Trombini; C.; Miotk; M.; Riba; I.; Gomes; T. C.
- 169** **Title of the work:** Sediment-associated LAS mixture and homologues toxicity to the deposit feeder *Hydrobia ulvae*
Name of the conference: XIV Seminario Ibérico Química Marina
Type of participation: 'Participatory - poster
City of event: Cádiz,
Date of event: 2008
Mauffret; A.; Rico-Rico; A.; Temara; A.; Blasco; J.
- 170** **Title of the work:** Sediment-associated LAS mixture and homologues toxicity to the marine deposit feeder *Hydrobia ulvae*
Name of the conference: SETAC-Europe 18th Annual Meeting
Type of participation: 'Participatory - poster
City of event: Varsovia, Poland
Date of event: 2008
Aourell Mauffret; Ali Temara; Angeles Rico-Rico; Julian Blasco.
- 171** **Title of the work:** Sediment-associated LAS mixture and homologues toxicity to the marine diatom *C. Closterium*
Name of the conference: SETAC-Europe 18th Annual Meeting
Type of participation: 'Participatory - poster
City of event: Varsovia, Poland
Date of event: 2008
Aourell Mauffret; Ali Temara; Angeles Rico-Rico; I Moreno-Garrido; Julian Blasco.
- 172** **Title of the work:** Sediment-associated LAS mixture and homologues toxicity to the marine diatom, *C. closterium*
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
A. Mauffret; A. Temara; I. Moreno-Garrido; J. Blasco.
- 173** **Title of the work:** Sediment-associated LAS-mixture and homologues toxicity to the deposit feeder *Hydrobia ulvae*
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
City of event: Lisboa, Portugal
Date of event: 2008
A. Mauffret; A. Temara; J. Blasco.
- 174** **Title of the work:** Temporal variations in levels of heavy metals in the Guadalquivir River alter the Aznalcollar mining spill (1998-2008)
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology



Type of participation: 'Participatory - poster

City of event: Lisboa, Portugal

Date of event: 2008

V. Tornero; C. Trombini; A.M. Arias; J. Blasco.

- 175** **Title of the work:** Use of proteomics to assess metal accumulation effects in *Scrobicularia plana*
Name of the conference: 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 2008
T. Gomes; M. González-Rey; S. Chora; A. Rodríguez-Romero; C. Trombini; J. Blasco; M. Bebbianno.
- 176** **Title of the work:** A proteomic approach to study the effects of linear alkylbenzene sulphonate (LAS) exposure in the clam, *Ruditapes philippinarum*
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
City of event: Oporto,
Date of event: 2007
M. Hampel; I Varó; A. Torreblanca; J. Blasco.
- 177** **Title of the work:** An integrative approach on benthos as key environmental compartment for environmental quality of Sancti-Petri saltmarsh area (Sw Iberian Peninsula).
Name of the conference: Pollutant Response in Marine Organisms XIV
City of event: Florianópolis, Brazil
Date of event: 2007
Blasco J; P. Drake; AM. Arias; C. Sarasquete; LM: Lubián; I. Moreno-Garrido; O. Campana; B. Jimenez; JL. Gómez Ariza; E. Cargnin-Ferreira.
- 178** **Title of the work:** Biodegradation of LAS in marine environments using colonised biofilms as inoculum
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
Date of event: 2007
A. Mauffret; A. Rottiers; T. Federle; M. Hampel; J. Blasco; M. Eriksson; C. Petersson; H. Blanck; A. Temara.
- 179** **Title of the work:** Biomarkers in a moderately contaminated litoral ecosystem, are they usefulness tools for risk assessment?
Name of the conference: Persistent Organic Pollutants in the environment. Global distribution, transport and effects
Type of participation: 'Participatory - poster
City of event: Baeza, Spain
Date of event: 2007
J. Blasco; M. Solé; P. Drake; O. Campana; B. Jiménez.
- 180** **Title of the work:** Cadmium Accumulation and Metallothionein Induction in *Solea senegalensis*
Name of the conference: Pollutant Response In Marine Organisms XIV
Type of participation: 'Participatory - poster
City of event: Florianópolis, Brazil
Date of event: 2007
Judith Kalman; Inmaculada Riba; Julian Blasco; T. Angel DelValls.



- 181** **Title of the work:** Cadmium accumulation in the bivalve *Crassostrea angulata*, Lammarck: methallothionein and stress oxidative biomarkers
Name of the conference: : Pollutant Response in Marine Organisms XIV
Type of participation: 'Participatory - poster
City of event: Florianópolis, Brazil
Date of event: 2007
Macías-Mayorga; I. Moreno-Garrido; J. Blasco.
- 182** **Title of the work:** Development of whole sediment ecotoxicity test using the benthic microalgae *Cylindrotheca closterium* and the mollusc *Hydrobia ulvae*
Name of the conference: SETAC-Europe
Type of participation: 'Participatory - poster
City of event: Oporto,
Date of event: 2007
A. Mauffret; A. Temara; I. Moreno-Garrido; J. Blasco.
- 183** **Title of the work:** Environmental monitoring by gene expresión biomarkers in *Barbas graellsii*: laboratory and field studies
Name of the conference: SETAC-Europe
City of event: Oporto,
Date of event: 2007
D. Raldúa; Quirós Laia; Benjamin Piña; Montse Solé; Julián Blasco; Miguel Ángel López; M.Carmen Riva; Damià Barceló.
- 184** **Title of the work:** Esterase activity as endpoint in benthic marine microalgae assays: a comparison with standard growth-inhibition and chlorophyll fluorescence
Name of the conference: Pollutant Response in Marine Organisms XIV
Type of participation: 'Participatory - poster
City of event: Florianópolis, Brazil
Date of event: 2007
C.V. M. Araujo; I. Moreno-Garrido; F.R. Diz; L.M. Lubián; J. Blasco.
- 185** **Title of the work:** Evaluation of organochlorine contaminants in aquatic ecosystem from Cadiz Bay (Spain)
Name of the conference: Persistent Organic Pollutants in the environment. Global distribution, transport and effects
City of event: Baeza, Spain
Date of event: 2007
M. Saénz; J.R. Mateo; M. Fernández; O. Campana; J. Blasco; B. Jimenez.
- 186** **Title of the work:** Induction in gill and digestive system of *Sparus aurata* after cadmium administration
Name of the conference: ISTA 13
Type of participation: 'Participatory - poster
City of event: Toyama, Japan
Date of event: 2007
J. Kalman; I. Riba; M.L. Martín-Díaz; J. Blasco; T. A. DelValls.
- 187** **Title of the work:** Is γ -Aminolevulinic Acid Dehydratase from Bivalves of West Iberian Peninsula a Good Biomarker of Lead Pollution?
Name of the conference: : Pollutant Response in Marine Organisms XIV
City of event: Florianópolis, Brazil
Date of event: 2007



Kalman; Inmaculada Riba; Julian Blasco; T. Angel DelValls.

- 188 Title of the work:** Metal contamination in the coastal and estuarine ecosistema from the Southwest of Iberian Peninsula. Is there a risk situation?
Name of the conference: 14th International Symposium on Environmental Pollution and its impact on life in the Mediterranean region
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2007
J. Blasco; A. Rodríguez; M. Rey; C. Trombini; T.C. Gomez; J.L. Gómez-Ariza; M. J. Bebianno.
- 189 Title of the work:** Metallothionein like protein in the mollusc *Crassostrea angulata* from the Guadalquivir River estuary: A good biomarker for metal pollution?
Name of the conference: Pollutant Response In Marine Organisms XIV
Type of participation: 'Participatory - poster
City of event: Florianópolis, Brazil
Date of event: 2007
C. Trombini; O. Campana; E. Fabbri; J. Blasco.
- 190 Title of the work:** Oxidative stress biomarkers in transplanted *Crassostrea angulata*: the Guadalquivir estuary.
Name of the conference: Pollutant Response in Marine Organisms XIV
Type of participation: 'Participatory - poster
City of event: Florianópolis, Brazil
Date of event: 2007
D. Macías-Mayorga; I. Moreno-Garrido; J. Blasco.
- 191 Title of the work:** Source apportionment of lead in the lower Guadiana river basin.
Name of the conference: 23rd IAGS Symposium
Type of participation: 'Participatory - poster
City of event: Oviedo,
Date of event: 2007
Martins; L; Batista; M. J; Matos; J; Oliveira; D; Shepherd; T.J. Abreu; M.M; Condesso de Melo; T; Barrosinho; J; Neves; C; Bebianno; M. J; Serafim; A; Company; R; Cravo; A; Locutura; J; Bel-Lan; A; Nieto; J. M; Delgado; J; DelValls; T.A; Blasco; J; Kalman; J; Riba I.
- 192 Title of the work:** Spatial and seasonal bioavailability of sediment-associated metals along the estuary of Guadalete River (SW Spain)
Name of the conference: 14th International Symposium on Environmental Pollution and its impact on life in the Mediterranean region
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2007
O. Campana; A. Rodríguez; J. Blasco.
- 193 Title of the work:** Determination of activity of α -aminolevulinic acid dehydratase in bivalves collected from the coast of Huelva, SW Spain
Name of the conference: XIII Seminario Iberico Quimica Marinha
Type of participation: 'Participatory - poster
Date of event: 2006
Kalman; J.; Riba I; Blasco J; DelValls TA.



- 194** **Title of the work:** Development of a spiked sediment ecotoxicity test using the benthic microalgae *Cylindrotheca closterium*
Name of the conference: SETAC North America 27th Annual Meeting
Type of participation: 'Participatory - poster
City of event: Montreal, Canada
Date of event: 2006
Mauffret A; Moreno-Garrido I; Temara A; Blasco J.
- 195** **Title of the work:** Early life stages of Senegal Sole (*Solea senegalensis*) as tool for marine environmental risk assessment: a histopathologic approach
Name of the conference: XIII Seminario Iberico Quimica Marinha
Type of participation: 'Participatory - poster
City of event: Lisboa,
Date of event: 2006
Hampel M; Ortiz-Delgado JB; Blasco J.
- 196** **Title of the work:** Persistency assessment in marine environments: A biodegradation test battery with LAS as model compound
Name of the conference: SETAC North America 27th Annual Meeting
Type of participation: 'Participatory - poster
City of event: Montreal, Canada
Date of event: 2006
Mauffret A; Rottiers A; Federle T; Blasco J; Hampel M; Temara A.
- 197** **Title of the work:** Persistency assessment in marine environments: A biodegradation test battery with LAS as surfactant model compound
Name of the conference: SETAC Europe 16th Annual Meeting
City of event: The Hague, Holland
Date of event: 2006
Mauffret A; Rottiers A; Federle T; Blasco J; Hampel M; Temara A.
- 198** **Title of the work:** Biodegradation of Linear Alkylbenzene Sulphonate by a Marine Biofilm
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Mauffret A. Rottiers A; Federle T; Hampel M; Blasco J; Mathijs E; Temara A.
- 199** **Title of the work:** Derivation of predicted no effect concentrations (PNEC) for marine environmental risk assessment: Application of different approaches to the model contaminant linear alkylbenzene sulphonate (LAS) in a site specific environment
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Hampel M; González-Mazo E; Vale C; Blasco J.
- 200** **Title of the work:** Ecological risk assessment in coastal environments (RISICO Project: Risk Assessment of surfactants in coastal environments)
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Rico A; Jalba A; Mauffret A; Renaud F; Eyleters M; Warnau M; Hermens J; Blasco J; Mathijs E; Temara A.



- 201** **Title of the work:** Environmental levels of linear alkylbenzene sulphonates (LAS) in sediments from the Tagus estuary (Portugal)
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Hampel M; Canario J; Vale C; Blasco J.
- 202** **Title of the work:** Evaluation of organochlorine contaminants in sediments from aquatic ecosystems of high ecological value (Cadiz Bay, SW Iberian Peninsula)
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Fernández MA; Campana O; Blasco J; Jiménez B.
- 203** **Title of the work:** Localization of metals in the peppery furrow shell *Scrobicularia plana* (Bivalvia, Veneroidea): an anatomic-histological study
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Cargnin-Ferreira E; López C; Cabrera A; Blasco J; Sarasquete C.
- 204** **Title of the work:** Metallothionein levels in liver and blood of *Sparus aurata* as biomarker to cadmium intoxication
Name of the conference: PRIMO 13 Pollutant response in marine organisms”
Type of participation: 'Participatory - poster
City of event: Alessandria, Italy
Date of event: 2005
Kalman J; I Riba; J. Blasco; A DelValls.
- 205** **Title of the work:** Niveles de metalotioneínas como biomarcadores de contaminación en coquinas de fango del PN de Doñana
Name of the conference: XVI Congreso Esp
City of event: Cáceres,
Date of event: 2005
Alhama-Carmona J; Romero-Ruiz A; Blasco J; López-Barea J.
- 206** **Title of the work:** Niveles de metalotioneínas por RP-HPLC acoplado a la detección fluorescente en coquinas de fango en la zona del PN de Doñana con distinto grado de contaminación por metales
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Alhama-Carmona J; Romero-Ruiz A; Blasco J; López-Barea J.
- 207** **Title of the work:** Recovery of a coastal ecosystem, the Sancti-Petri channel: an integrative approach on benthos as key environmental compartment
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Blasco J, Drake P, Solé M, Arias AM, Sarasquete C, Lubián LM; Moreno-Garrido I, Campana O, Jimenez B, Gómez Ariza JL, Cargnin-Ferreira E.



- 208** **Title of the work:** Seasonal variation of metal concentrations and metallothionein levels in the mollusc, *Crassostrea angulata* from Guadalquivir estuary (SW Iberian Peninsula)
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Trombini C; Campana O; Fabbri E; Blasco J.
- 209** **Title of the work:** Sediment toxicity of linear alkylbenzene sulfonate (LAS) using the amphipod *Corophium volutator*
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Riba I; Blasco J.
- 210** **Title of the work:** Sediment toxicity tests involving immobilized microalgae (*Phaeodactylum tricorutum* Bohlin)
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Moreno-Garrido I; Muñoz-Luque JL; Lubián LM; Blasco J.
- 211** **Title of the work:** Spatial distribution of AVS and SEM in surficial sediment of Guadalete estuary (SW Spain)
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Campana O; Rodríguez A; Blasco J.
- 212** **Title of the work:** Spatial distribution of metal in surficial sediment of Guadalete estuary (SW Spain)
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Campana O; Rodríguez A; Blasco J.
- 213** **Title of the work:** The use of metallothionein concentrations in a kinetic approach for sediment monitoring in Spanish ports
Name of the conference: CICTA 2005
City of event: Cádiz,
Date of event: 2005
Martín-Díaz ML; Kalman J; Riba I; Blasco J; Del Valls A.
- 214** **Title of the work:** Bioavailability of sediment sorbed Linear Alkylbenzene Sulfonates (LAS) in sediments with different organic matter load.
Name of the conference: 3rd European Sediment Research Network (SedNet) Workshop, Monitoring sediment quality at river basin scale.
Type of participation: 'Participatory - poster
City of event: Lisboa,
Date of event: 2004
Hampel M; González-Mazo E; Blasco J.



- 215** **Title of the work:** Calcium-alginate immobilized marine microalgae: experiments on growth and short-term heavy metal accumulation.
Name of the conference: 4th Internacional Conference on Marine Pollution and Ecotoxicology
Type of participation: 'Participatory - poster
City of event: Hong-Kong,
Date of event: 2004
Moreno-Garrido; Campana O; Lubián; LM. Blasco; J.
- 216** **Title of the work:** Calidad ambiental y su efecto sobre la población de Scrobicularia plana en un ecosistema costero: bahía de Cádiz (SO. De España)
Name of the conference: VIII Congreso Brasileiro de Ecotoxicologia
Type of participation: 'Participatory - poster
City of event: Florianópolis, Brazil
Date of event: 2004
Cargnin-Ferreira E; Drake P; Blasco J; Sarasquete C.
- 217** **Title of the work:** Desarrollo y validación de un nuevo método para la determinación de metalotioneínas en dos especies de bivalvos como biomarcador de contaminación por metales
Name of the conference: Reunión de grupos de investigación que evalúan la contaminación potencial de Doñana por metales y plaguicidas
City of event: Sevilla, Spain
Date of event: 2004
Alhama-Carmona J; Romero-Ruiz A; Blasco J; López-Barea J.
- 218** **Title of the work:** Efecto tóxico de tensioactivos aniónicos y no iónicos sobre la almeja Ruditapes philippinarum
Name of the conference: XII Seminario Ibérico de Química Marina
City of event: La Coruña,
Date of event: 2004
Alvárez-Muñoz D; Sáez M; Blasco J; Gómez-Parra A; González-Mazo E.
- 219** **Title of the work:** Evaluation of metal sediment toxicity of guadalete estuary (SW Iberian Peninsula) using bioassay and sediment spiking approaches to determine bioaccumulation-toxicity relationships for the intertidal gastropod Hydrobia ulvae
Name of the conference: 4th Internacional Conference on Marine Pollution and Ecotoxicology
Type of participation: 'Participatory - poster
City of event: Hong-Kong,
Date of event: 2004
Campana; O.; Rodríguez; A. Blasco; J.
- 220** **Title of the work:** Evaluation of the suitability of assessment factor approach and equilibrium partitioning method for PNEC sediment derivation. A case study: linear alkylbenzene sulfonates in a littoral ecosystem
Name of the conference: 4th Internacional Conference on Marine Pollution and Ecotoxicology
Type of participation: 'Participatory - poster
City of event: Hong-Kong,
Date of event: 2004
Hampel; M.; Campana O. Blasco; J.
- 221** **Title of the work:** Spiked sediment toxicity test with the mudsnail Hydrobia ulvae for the evaluation of the effects of sediment sorbed commercial linear alkylbenzene sulphonate (LAS)
Name of the conference: CESIO 2004
Type of participation: 'Participatory - poster



City of event: Berlin, Germany
Date of event: 2004
Hampel M; González-Mazo E; Berna JL; Blasco J.

222 Title of the work: The *Uca tangeri* as a bioindicator of the health ecosystem
Name of the conference: 3rd Brazilian Crustacean Congress & 2004 The Crustacean Society Meeting
Type of participation: 'Participatory - poster
City of event: Florianópolis, Brazil
Date of event: 2004
Cargnin-Ferreira E; López J; Blasco J; Sarasquete C.

223 Title of the work: Toxicity of sediment sorbed linear alkylbenzene sulphonates (LAS) on juvenile *Solea senegalensis*: a histological approach
Name of the conference: CESIO 2004
Type of participation: 'Participatory - poster
City of event: Berlin, Germany
Date of event: 2004
Hampel; M.; Blasco; J.

224 Title of the work: Adverse effects of heavy metal contamination from Guadiamar River after minino spill (SW, Spain): Biomarkers, Bioaccumulation and Histopathology
Name of the conference: 13th Annual Meeting SETAC Europe
Type of participation: 'Participatory - poster
City of event: Hamburg, Germany
Date of event: 2003
DelValls TA; Blasco J; Tuberty SR; McKenney CL Jr; Gonzalez de Canales ML; Sales D.

225 Title of the work: Biomarkers of pollution in two invertebrates species from a littoral ecosystem in the Cadiz bay (SW Spain)
Name of the conference: 12th International Symposium. PRIMO
City of event: Florida.,
Date of event: 2003
Pérez E; Blasco J; Solé M.

226 Title of the work: Comparison of liquid phase and whole sediment bioassay to characterise dredging material from Spanish ports
Name of the conference: 13th Annual Meeting SETAC Europe
Type of participation: 'Participatory - poster
City of event: Hamburg, Germany
Date of event: 2003
Del Valls TA; Casado-Martínez MC; Buceta JL; lacondini A; Riba I; Blasco J; Forja JM.

227 Title of the work: Efecto del accidente minero de Aznalcóllar sobre los organismos del estuario del Guadalquivir.
Name of the conference: Jornadas sobre la Restauración del Río Guadiamar
Type of participation: 'Participatory - poster
City of event: Sevilla,
Date of event: 2003
Blasco J; Saenz V; Arias AM.



- 228** **Title of the work:** Effects of the heavy metals bound to sediments affected by a mining spill using *Solea senegalensis* and *Scrobicularia plana*
Name of the conference: 12th Internacional Symposium. PRIMO
City of event: Florida.,
Date of event: 2003
Riba; I.; Casado-Martínez; M.C.; Blasco; J.; DelValls; T.A.
- 229** **Title of the work:** Evaluation of dredging material toxicity in Spanish ports using female *Carcinus maenas*
Name of the conference: Internacional Conference on Remediation of Contaminated Sediments
Type of participation: 'Participatory - poster
City of event: Venecia, Italy
Date of event: 2003
DelValls A; Martín-Díaz ML; Blasco J; Sales D.
- 230** **Title of the work:** Metal contamination risk assessment in southern Iberian humid zones
Name of the conference: CICTA2003
Type of participation: 'Participatory - poster
City of event: Oporto, Portugal
Date of event: 2003
Blasco J; Bebianno MJ.
- 231** **Title of the work:** Metallothionein levels and heavy metals in early lyfe stages of the flatfish, *Solea senegalensis*
Name of the conference: CICTA2003
Type of participation: 'Participatory - poster
City of event: Oporto, Portugal
Date of event: 2003
Fernández-Díaz C; Cañavate; JP; Yúfera M; Blasco; J.
- 232** **Title of the work:** Metallothionein quantification by RP-HPLC coupled to fluorescent detection
Name of the conference: ESCBP 2003. Biological effects of pollutants: The role of environmental proteomics and genomics
Type of participation: 'Participatory - poster
City of event: Alessandria, Italy
Date of event: 2003
López-Barea; J; . Alhama J.; Blasco; J.; Romero; A.
- 233** **Title of the work:** Microphytobenthos toxicity bioassays involving estuarine sediments (Aveiro Lagoon Portugal)
Name of the conference: 13th Annual Meeting SETAC Europe
Type of participation: 'Participatory - poster
City of event: Hamburg, Germany
Date of event: 2003
Moreno-Garrido I; Lubian LM; Soares AMVM; Blasco J.
- 234** **Title of the work:** Phytoplankton toxicity bioassays involving Linear Alkylbenzene Sulphonates (LAS) and mixed microalgal populations:a flor cytometry approach
Name of the conference: 13th Annual Meeting SETAC Europe
Type of participation: 'Participatory - poster
City of event: Hamburg, Germany
Date of event: 2003



Lubian LM; Moreno-Garrido I; Blasco J.

- 235** **Title of the work:** Risk assessment of metal contamination in European southwest Atlantic wetlands
Name of the conference: 13th Annual Meeting SETAC Europe
Type of participation: 'Participatory - poster
City of event: Hamburg, Germany
Date of event: 2003
Blasco J; Bebianno M.
- 236** **Title of the work:** Screening growth of calcium alginate immobilised marine microalgae
Name of the conference: CICTA2003
Type of participation: 'Participatory - poster
City of event: Oporto, Portugal
Date of event: 2003
Moreno-Garrido; I.; Campana; O.; Lubián; L.M. Blasco; J.
- 237** **Title of the work:** Sediment toxicity testing: Is the mudsnail *Hydrobia ulvae* a suitable candidate for LAS spiked sediment toxicity assessment?
Name of the conference: 13th Annual Meeting SETAC Europe
Type of participation: 'Participatory - poster
City of event: Hamburg, Germany
Date of event: 2003
Hampel M; Moreno-Garrido I; Gonzalez-Mazo E; Blasco J.
- 238** **Title of the work:** Situación actual tras el seguimiento de los efectos del vertido minero en el medio físico y los organismos del estuario del Guadalquivir
Name of the conference: Jornadas sobre la Restauración del Río Guadiamar
City of event: Sevilla,
Date of event: 2003
Blasco J; Gómez-Parra A.
- 239** **Title of the work:** Study of the relationship between macrobenthic community and heavy metal gradient pollution along estuary of Guadalete river
Name of the conference: CICTA2003
Type of participation: 'Participatory - poster
City of event: Oporto, Portugal
Date of event: 2003
Campana; O.; Lopez; J.; Drake; P.; Rodriguez; A. and J. Blasco.
- 240** **Title of the work:** The quota effect in microalgal toxicity tests: Flow cytometry
Name of the conference: 13th Annual Meeting SETAC Europe
Type of participation: 'Participatory - poster
City of event: Hamburg, Germany
Date of event: 2003
Moreno-Garrido I; Blasco J; Lubián LM.
- 241** **Title of the work:** Aplicaciones de citometría de flujo en ensayos de toxicidad con nanoplancton
Name of the conference: . XI Seminario de Química Marina
City of event: Faro, Portugal
Date of event: 2002
Lubián LM; Moreno-Garrido I; Blasco J.



- 242** **Title of the work:** Bioensayos de toxicidad de sedimentos sobre la diatomea bentónica marina
Cylindrotheca closterium (Ehremberg) Lewin & Reinman
Name of the conference: . XI Seminario de Química Marina
Type of participation: 'Participatory - poster
City of event: Faro, Portugal
Date of event: 2002
Moreno-Garrido I; Lubian LM; Blasco J.
- 243** **Title of the work:** Contaminación por metales pesados en *Crassostrea angulata*: efectos histopatológicos
Name of the conference: . XI Seminario de Química Marina
Type of participation: 'Participatory - poster
City of event: Faro, Portugal
Date of event: 2002
Gonzalez-Canales ML; Jiménez N; Ramírez MO; Blasco J; Sarasquete C.
- 244** **Title of the work:** El Evaluación de la biodisponibilidad de metales en el estuario del río Guadalete.
Implicaciones en la evaluación de riesgo ambiental
Name of the conference: . XI Seminario de Química Marina
City of event: Faro, Portugal
Date of event: 2002
Campana O; Blasco J.
- 245** **Title of the work:** El accidente minero de Aznalcóllar. Su impacto en el ecosistema estuárico
Name of the conference: . XI Seminario de Química Marina
City of event: Faro, Portugal
Date of event: 2002
Blasco J.
- 246** **Title of the work:** Evaluación de la calidad ambiental en ecosistemas costeros
Name of the conference: Workshop España-Italia para la coordinación de la investigación en el ámbito de las Ciencias Marinas
City of event: Madrid,
Date of event: 2002
Blasco; J.
- 247** **Title of the work:** Histopatología y metales pesados en *Scrobicularia plana* del estuario del Guadalquivir
Name of the conference: . XI Seminario de Química Marina
Type of participation: 'Participatory - poster
City of event: Faro, Portugal
Date of event: 2002
Gonzalez-Canales ML; Jiménez N; Ramírez MO; Blasco J; Sarasquete C.
- 248** **Title of the work:** Marine Microalgae and Early Life Stages of Seabream (*Sparus aurata*) as Tools for Marine Environmental Risk Assessment
Name of the conference: . AMEBA Policy Forum
Type of participation: 'Participatory - poster
City of event: Javea, Spain
Date of event: 2002
Blasco J; Hampel M; Moreno-Garrido I.



- 249** **Title of the work:** Short term toxicity test about the effects of sediment sorbed comercial Linear Alkylbenzene Sulphonate (LAS) on survival of the mudsnail *Hydrobia ulvae*
Name of the conference: . XI Seminario de Química Marina
City of event: Faro, Portugal
Date of event: 2002
Hampel M; Moreno-Garrido I; Blasco J.
- 250** **Title of the work:** Toxicokinetic of heavy metals after the Aznalcóllar mining spill using *Ruditapes philippinarum*.
Name of the conference: . SETAC Europe 12th Annual Meeting
Type of participation: 'Participatory - poster
City of event: Viena, Austria
Date of event: 2002
.Martín-Díaz ML; Blasco J; González de Canales ML; Sales D; DelValls A.
- 251** **Title of the work:** Acute toxicity of homologues of linear alkylbenzene sulphonates (LAS C10 to C14) anmd comercial LAS on survival of seabream (*Sparus aurata*) larvae
Name of the conference: . 11th Annual Meeting of SETAC Europe
Type of participation: 'Participatory - poster
City of event: Madrid,
Date of event: 2001
. Hampel M; Moreno-Garrido I; Blasco J.
- 252** **Title of the work:** Bioaccumulation and toxicity Zn, Cd and Cu from mining spill using the shore crab *Carcinus maenas*
Name of the conference: . 11th Annual Meeting of SETAC Europe
Type of participation: 'Participatory - poster
City of event: Madrid,
Date of event: 2001
. Martín-Díaz ML; Villena-Lincoln A; Bamber S; Blasco J; Sales D; DelValls A.
- 253** **Title of the work:** Evaluation of pollution in the Guadalquivir River estuary. Biomarker approach
Name of the conference: . 11th Annual Meeting of SETAC Europe
Type of participation: 'Participatory - poster
City of event: Madrid,
Date of event: 2001
. Blasco J; Hampel M; Moreno-Garrido I; Arias AM.
- 254** **Title of the work:** Histopathological effects in marine animals from Guadalquivir estuary after Aznalcollar mining spill
Name of the conference: . 11th Annual Meeting of SETAC Europe
Type of participation: 'Participatory - poster
City of event: Madrid,
Date of event: 2001
. González de Canales ML; Tenorio N; Ortiz-Delgado JB; Blasco J; Arias A.M.; Gómez-Parra A; DelValls TA.
- 255** **Title of the work:** Is *Scorbicularia plana* a useful biomonitor of contamination and pollution sediment by heavy metals in the Guadalquivir estuary?
Name of the conference: . 4º Congreso Ibérico y 1er Congreso Iberoamericano de Contaminación y Toxicología Ambiental
City of event: Madrid,



Date of event: 2001

. Gonzalez R; Hampel M; Blasco J.

- 256 Title of the work:** Lead effect on α -aminolevulinic acid dehydratase in *Halobatrachus didactylus*
Name of the conference: . 11th Annual Meeting of SETAC Europe
Type of participation: 'Participatory - poster
City of event: Madrid,
Date of event: 2001
. Campana O; Sarasquete C; Blasco J.
- 257 Title of the work:** Temporal trends in the levels of heavy metal contamination in the species of the Guadalquivir River estuary after the Aznalcollar accident
Name of the conference: . 11th Annual Meeting of SETAC Europe
Type of participation: 'Participatory - poster
City of event: Madrid,
Date of event: 2001
. Blasco J; Arias AM; Saenz V; Ransome T.
- 258 Title of the work:** The use of benthic marine microalgae in sediment toxicity test. A novel approach
Name of the conference: . 11th Annual Meeting of SETAC Europe
Type of participation: 'Participatory - poster
City of event: Madrid,
Date of event: 2001
. Moreno-Garrido I; Lubián LM; Blasco J.
- 259 Title of the work:** Toxicity of Zn, Cd and Cu from Aznalcóllar mining spill with the shore. crab *Carcinus maenas* using Vitellogenin/Vitellin, Metallothioneins and Bioaccumulation like indicators
Name of the conference: Biomarkers of Environmental Contamination
Type of participation: 'Participatory - poster
City of event: Oporto, Portugal,
Date of event: 2001
Martín Díaz ML.; Villena Lincoln A.; Bamber S.; Blasco; J.; Sales D. and Del Valls TA.
- 260 Title of the work:** Using a flow-trough system for the evaluation of linear alkylbenzene sulfonate toxicity in the clam *Ruditapes philippinarum*
Name of the conference: . 11th Annual Meeting of SETAC Europe
Type of participation: 'Participatory - poster
City of event: Madrid,
Date of event: 2001
. Sáez M; Blasco J; Gómez-Parra A; González-Mazo E.
- 261 Title of the work:** . Speciation of heavy metals in sediments of three ecosystems of Cádiz Gulf
Name of the conference: Third SETAC World Congress.
Type of participation: 'Participatory - poster
City of event: Brighton,
Date of event: 2000
Blasco J; Sáenz V; Gómez-Parra; A.
- 262 Title of the work:** . The oyster, *Crassostrea angulata*, as a bioindicator of heavy metal contamination in the Guadalquivir river estuary (1968-1998)
Name of the conference: 3rd Iberian Congress of Environmental Contamination and Toxicology.



Type of participation: 'Participatory - poster
City of event: Faro, Portugal
Date of event: 2000
Blasco J; Sáenz V; Arias AM.

263 Title of the work: .Are recovery and restoration strategies necessary for the salt-marshes and estuaries of SW Spain?

Name of the conference: Third SETAC World Congress.
City of event: Brighton,
Date of event: 2000
Blasco J; Riba I; Sáenz V; Del Valls TA; Gómez-Parra; A.

264 Title of the work: .Heavy metals in Squilla mantis (Linnaeus, 1758) (Crustacea, Stomatopoda) collected from different areas of Cádiz Gulf

Name of the conference: 3rd Iberian Congress of Environmental Contamination and Toxicology.
City of event: Faro, Portugal
Date of event: 2000
Blasco J; Sáenz V; Arias AM.

265 Title of the work: Acute toxicity of LAS homologues in marine microalgae. Esterase activity and inhibition growth as endpoints of toxicity.

Name of the conference: . 5th World Surfactant Congress
Type of participation: 'Participatory - poster
City of event: Florencia, Italy
Date of event: 2000
. Hampel M; Sobrino C; Lubián LM; Moreno-Garrido I; Blasco J.

266 Title of the work: Análisis de nutrientes en muestras estuáricas

Name of the conference: X Seminario Ibérico Química Marina.
City of event: Cádiz,
Date of event: 2000
Arjonilla M; Blasco J.

267 Title of the work: Cuantificación y alteraciones histopatológicas inducidas por cobre en ostión, Crassostrea angulata (Lamarck, 1822)

Name of the conference: X Seminario Ibérico Química Marina.
Type of participation: 'Participatory - poster
City of event: Cádiz,
Date of event: 2000
Arellano J; Rodríguez de la Rúa A; González Canales ML; Blasco J; Sarasquete C.

268 Title of the work: Efecto del lineal alquilbenceno sulfonato sódico (LAS) sobre las enzimas antioxidantes en la glándula digestiva de la almeja Ruditapes philippinarum (Adams & Revé, 1850)

Name of the conference: X Seminario Ibérico Química Marina.
Type of participation: 'Participatory - poster
City of event: Cádiz,
Date of event: 2000
Hampel M; González R; Blasco J.



- 269** **Title of the work:** Effects of homologues of linear alkylbenzene sulphonates (LAS C10 to C14) on survival of embryos and larvae of seabream (*Sparus aurata*)
Name of the conference: 5th World Surfactant Congress
Type of participation: 'Participatory - poster
City of event: Florencia, Italy
Date of event: 2000
Hampel M; Ortiz JB; Sarasquete C; Moreno A; Blasco J.
- 270** **Title of the work:** Lead effect on *Halobatrachus didactylus* (Schneider, 1801): biochemical and histological response
Name of the conference: Third SETAC World Congress.
Type of participation: 'Participatory - poster
City of event: Brighton,
Date of event: 2000
Campana O; Sarasquete C; Blasco J.
- 271** **Title of the work:** Priority surfactants and their toxic metabolites in waste effluent discharges: an integrated study (PRISTINE).
Name of the conference: Annual Congress GDCh Surfactantchemistry.
Type of participation: 'Participatory - poster
City of event: Würzburg,
Date of event: 1999
Knepper; T. P.; Barcelo D.; Schröder; H. F.; de Voogt P.; Gomez-Parra; A.; Ventura; F.; Moreno; A.; Blasco; J.
- 272** **Title of the work:** Priority surfactants and their toxic metabolites in waste effluent discharges: an integrated study (PRISTINE)
Name of the conference: EU-Workshop
City of event: Nancy,,
Date of event: 1998
Knepper; T. P.; Barcelo D.; Schröder; H. F.; de Voogt P.; Gomez-Para; A.; Ventura; F.; Moreno; A.; Blasco; J.
- 273** **Title of the work:** Biomarkers.
Name of the conference: CICTA98IKTIK
City of event: Bilbao,
Date of event: 1998
Blasco; J.; M. J. Bebianno. "Towards an integrative approach in environmental contamination and toxicology. Cuad. Inv. Biol."
- 274** **Title of the work:** Copper accumulation and oxidative stress in *Solea senegalensis*
Name of the conference: 8th Annual Meeting of SETAC-Europe. Interfaces in Environmental Chemistry and Toxicology
Type of participation: 'Participatory - poster
City of event: Burdeos,
Date of event: 1998
Blasco; J.; J. M. Arellano; A-. Navarro; M.J. Sánchez-DelPino; C. Sarasquete. "Abstracts of 8th Annual Meeting of SETAC-Europe".
- 275** **Title of the work:** Copper contamination and detoxification in *Halobatrachus didactylus*. Quantification and oxidative stress.
Name of the conference: CICTA98IKTIK



City of event: Bilbao,

Date of event: 1998

Arellano; J. M.; J. Blasco; D. Capeta-Da Silva; J. B. Ortíz; A. Navarro; M. J. Sánchez del Pino; C. Sarasquete. "Towards an integrative approach in environmental contamination and toxicology. Cuad. Inv. Biol."

276 Title of the work: Distribución de metales pesados en sedimentos de diferentes sistemas litorales del Golfo de Cádiz

Name of the conference: IX Seminario de Química Marina

City of event: Aveiro, Portugal

Date of event: 1998

Saenz; V.; J. Blasco; A. Gómez-Parra. "Resúmenes IX Seminario de Química Marina".

277 Title of the work: Distribución de metales pesados en sedimentos de diferentes sistemas litorales del Golfo de Cádiz

Name of the conference: IX Seminario Ibérico de Química Marina PUBLICACIÓN. IX Seminario de Química Marina. Libro de Resúmenes

City of event: Aveiro, Portugal

Date of event: 1998

Sáenz; V.; J. Blasco; A. Gómez-Parra.

278 Title of the work: Effect of linear alkylbenzene sulphonate (LAS) and heavy metals (Cu and Pb) in gills and digestive gland of *Scrobicularia plana*)

Name of the conference: CICTA98IKTIK

City of event: Bilbao,

Date of event: 1998

Blasco; J.; E. González-Mazo; C. Sarasquete. "Towards an integrative approach in environmental contamination and toxicology. Cuad. Inv. Biol."

279 Title of the work: Flujos de metales a través de la interfase agua-sedimento en dos ecosistemas litorales del S.O. de la Península Ibérica

Name of the conference: CICTA98IKTIK

City of event: Bilbao,

Date of event: 1998

Blasco; J.; V. Saenz; A. Gómez-Parra. "Towards an integrative approach in environmental contamination and toxicology. Cuad. Inv. Biol."

280 Title of the work: Intercambio de N y P entre el sedimento y la columna de agua en el estuario del Odiel (Huelva)

Name of the conference: IX Seminario Ibérico de Química Marina PUBLICACIÓN. IX Seminario de Química Marina. Libro de Resúmenes

City of event: Aveiro, Portugal

Date of event: 1998

Rubio; J. A.; J. M. Forja; J. Blasco; A. Gómez-Parra.

281 Title of the work: Intercambio de N y P entre el sedimento y la columna de agua en el estuario del Odiel (Huelva)

Name of the conference: IX Seminario de Química Marina

City of event: Aveiro, Portugal

Date of event: 1998

Rubio; J.; Forja J. M.; Blasco; J.; A. Gómez-Parra. "Resúmenes IX Seminario de Química Marina".



- 282** **Title of the work:** Sediments: A dynamic compartments for heavy metals in estuarine and saltmarshes ecosystems
Name of the conference: 1st Interdisciplinary Symposium on Estuarine Processes
City of event: Faro, Portugal
Date of event: 1998
Blasco; J.; V. Saenz; A. Gómez-Parra. "Proceedings 1st Interdisciplinary Symposium on Estuarine Processes (SIPRES)".
- 283** **Title of the work:** Adsorción de Cd por sedimentos marinos costeros
Name of the conference: 26ª Reunión Bienal de la Real Sociedad Española de Química
Type of participation: 'Participatory - poster
City of event: Cádiz,
Date of event: 1997
Organising entity: Real Sociedad Española de Química **Type of entity:** Sociedad Científica
Saenz V.; J. Blasco; A. Gómez-Parra. "Actas de la 26ª Reunión Bienal de la Real Sociedad Española de Química".
- 284** **Title of the work:** Distribución de metales pesados (Cu, Fe, Mn, Zn) en distintos órganos de las especies Solea senegalensis y Fundulus heteroclitus) pertenecientes a la región suratlántica de la Península Ibérica
Name of the conference: 2º Congreso sobre el Margen Continental Ibérico Atlántico
Type of participation: 'Participatory - poster
City of event: Cádiz,
Date of event: 1997
Arellano; J. M.; J. B. Ortiz; D. Capeta da Silva; M. L. González de Canales; C. Sarasquete; J. Blasco. "Resúmenes 2º Congreso sobre el Margen Continental Ibérico Atlántico".
- 285** **Title of the work:** Priority surfactants and their toxic metabolites in waste effluent discharges: an integrated study (PRISTINE)
Name of the conference: EU-Workshop
City of event: Cranfield,,
Date of event: 1997
Knepper; T. P.; Barcelo D.; Schröder; H. F.; de Voogt P.; Gomez-Para; A.; Ventura; F.; Moreno; A.; Blasco; J..
- 286** **Title of the work:** Contaminación por metales pesados en sedimentos superficiales de la bahía de Cádiz
Name of the conference: VIII Simposio de Química Marina
City of event: Vigo,
Date of event: 1996
Blasco; J.; T. A.. DelValls; J. M. Forja; A. Gómez-Parra. "Resúmenes del VIII Simposio de Química Marina".
- 287** **Title of the work:** Efecto in vitro de metales pesados sobre las actividades fosfatásicas del molusco bivalvo Scrobicularia plana
Name of the conference: VIII Simposio Ibérico de Química Marina
City of event: Vigo,
Date of event: 1996
Mazorra; M. T.; J. A. Rubio; J. Blasco. "Resúmenes del VIII Simposio de Química Marina".
- 288** **Title of the work:** Fundulus heteroclitus (Linneo, 1785; Pisces, Ciprinodontidae) como bioindicador del impacto ambiental producido por la contaminación de Cu²⁺ en el medio marino
Name of the conference: Primera Reunión Nacional de Inmunología y Patología de Peces
Type of participation: 'Participatory - poster



City of event: Badajoz,

Date of event: 1996

Ortiz; J.; J. M. Arellano; J. Blasco; C. Sarasquete; M. L. González de Canales. "Actas de la I Reunión nacional de Inmunología y Patología de Peces".

- 289** **Title of the work:** Influencia del grado de confinamiento en la regeneración del fósforo en sistemas costeros
Name of the conference: VIII Simposio Ibérico de Química Marina
City of event: Vigo,
Date of event: 1996
Frutos; M. D.; J. Blasco; J. A. Rubio; A. Gómez-Parra. "Resúmenes del VIII Simposio de Química Marina".
- 290** **Title of the work:** Metallothionein as antioxidant agent in the digestive gland of marine mussels
Name of the conference: International Workshop of Metallothionein
City of event: Geel, Belgium,
Date of event: 1996
Viarengo; A.; J. Blasco; B. B. "Abstracts of International Workshop of Metallothionein". Available on-line at: <ando, E. Ponzano, A. Marro, M. Pertica>.
- 291** **Title of the work:** Acumulación de cobre por algas sometidas a dos tratamientos térmicos distintos
Name of the conference: I Congreso Ibérico sobre Contaminación y Toxicología Ambiental
Type of participation: 'Participatory - poster
City of event: Coimbra, Portugal
Date of event: 1995
Moreno-Garrido; I.; J. Blasco; M. González del Valle; L. M. Lubián. "Resúmenes I Congreso Ibérico sobre Contaminación y Toxicología Ambiental".
- 292** **Title of the work:** Bioacumulación de Fe, Mn, Cu y Zn en peces de las marismas de la bahía de Cádiz
Name of the conference: I Congreso Ibérico sobre Contaminación y Toxicología Ambiental
City of event: Coimbra, Portugal
Date of event: 1995
Blasco; J.; J. A. Rubio; J. Forja; A. Gómez-Parra. "Resúmenes I Congreso Ibérico sobre Contaminación y Toxicología Ambiental".
- 293** **Title of the work:** Determinación de la toxicidad de sedimentos marinos usando juveniles del pez Sparus aurata
Name of the conference: : I Congreso Ibérico sobre Contaminación y Toxicología Ambiental
Type of participation: 'Participatory - poster
City of event: Coimbra, Portugal
Date of event: 1995
DelValls; T.A.; C. Sarasquete; J. M. Froja; J. Blasco; A. Gómez-Parra. "Resúmenes I Congreso Ibérico sobre Contaminación y Toxicología Ambiental".
- 294** **Title of the work:** Evaluación del impacto ambiental de vertidos residuales urbanos en una marisma litoral
Name of the conference: I Congreso Ibérico sobre Contaminación y Toxicología Ambiental
Type of participation: 'Participatory - poster
City of event: Coimbra, Portugal
Date of event: 1995
Gómez-Parra; A.; E. González-Mazo; J. Blasco. "Resúmenes I Congreso Ibérico sobre Contaminación y Toxicología Ambiental".



- 295** **Title of the work:** Efecto de algunos metales sobre la actividad alanina aminotransferasa (AIAT) en el molusco bivalvo *Ruditapes philippinarum*. Cinética de inhibición
Name of the conference: VII Seminario de Química Marina
City of event: Puerto Real,
Date of event: 1994
Blasco; J.; J. Puppo. "Resúmenes VII Seminario Química Marina".
- 296** **Title of the work:** Heavy metals in organisms and sediments from Cadiz bay
Name of the conference: Simposio Ibérico sobre el Margen Continental Atlántico
City of event: Lisboa,
Date of event: 1994
Blasco; J.; T.A. del Valls; J. A. Rubio; M. Arjonilla; A. Gómez-Parra. "Gaia, 9:131-136 (1994)".
- 297** **Title of the work:** Impacto ambiental en vertidos urbanos en una marisma litoral del golfo de Cádiz
Name of the conference: Simposio Ibérico sobre el Margen Continental Atlántico
City of event: Lisboa,
Date of event: 1994
Gómez-Parra; A.; E. González-Mazo; J. Blasco. "Gaia, 9: 123-126 (1994)".
- 298** **Title of the work:** Influencia del alquilbenceno sulfonato lineal sobre algunas actividades enzimáticas en la almeja *Ruditapes philippinarum*
Name of the conference: VII Seminario de Química Marina
City of event: Puerto Real,
Date of event: 1994
Blasco; J.; C. Sarasquete; E. González-Mazo; A. Gómez-Parra. "Resúmenes VII Seminario Química Marina".
- 299** **Title of the work:** Seasonality of sediment toxicity in two littoral ecosystems of Cadiz Gulf (SW. Spain)
Name of the conference: : 6th International Conference Environmental Contamination
Type of participation: 'Participatory - poster
City of event: Delphi, Greece
Date of event: 1994
DelValls; T. A.; J. Blasco; J. A. Rubio; J. M. Forja; A. Gómez-Parra. "Environmental Contamination 6th Inter. Conference".
- 300** **Title of the work:** Simulación de procesos en estuarios: Aplicaciones a la investigación y a la docencia en Oceanografía
Name of the conference: VII Seminario de Química Marina
City of event: Puerto Real,
Date of event: 1994
Gómez-Parra; A.; J. M. Forja; J. A. Rubio; J. Blasco; T. A. DelValls; E. González-Mazo; T. Ortega; V. León. "Resúmenes VII Seminario Química Marina".
- 301** **Title of the work:** Sublethal effects of linear alkylbenzenesulphonate (LAS) on two clams *Ruditapes philippinarum* and *Ruditapes decussatus*
Name of the conference: 6th International Conference Environmental Contamination
Type of participation: 'Participatory - poster
City of event: Delphi, Greece
Date of event: 1994
Blasco; J.; C. Sarasquete; E. González-Mazo; T.A. DelValls; A. Gómez-Parra. "Environmental Contamination 6th Inter. Conference".



- 302** **Title of the work:** Acumulación y efectos hematológicos e histopatológicos en *Halobatrachus didactylus* y *Mugil auratus* contaminados con plomo
Name of the conference: VI Seminario de Química Marina
City of event: Cádiz,
Date of event: 1992
Sarasquete; C.; J. Blasco; J. Puppo; A. Grau. "Resúmenes VI Seminario de Química Marina".
- 303** **Title of the work:** Acumulación y efectos histopatológicos del cobre en *Sparus aurata* y *Mugil auratus*
Name of the conference: VI Seminario de Química Marina
City of event: Cádiz,
Date of event: 1992
Blasco; J.; C. Sarasquete; J. Puppo; M. L. González de Canales. "Resúmenes VI Seminario de Química Marina".
- 304** **Title of the work:** Caracterización parcial y efecto in vitro de los metales pesados sobre las actividades fosfatásicas ácida y alcalina en *Ruditapes decussatus* (Mollusca: Bivalvia)
Name of the conference: VI Seminario de Química Marina
City of event: Cádiz,
Date of event: 1992
Puppo; J.; C. Sarasquete; M. L. González de Canales; J. Blasco. "Resúmenes VI Seminario Química Marina".
- 305** **Title of the work:** Effect of several metals on aspartate aminotransferase and acid and alkaline phosphatase activities in the clam *Ruditapes philippinarum*
Name of the conference: 2nd European Conference on Ecotoxicology
Type of participation: 'Participatory - poster
City of event: Amsterdam,
Date of event: 1992
J. Blasco; J. Puppo. "Proceedings of 2nd European Conference on Ecotoxicology".
- 306** **Title of the work:** Incorporación de Cd y actividad aspartato aminotransferasa (AST) en dos moluscos bivalvos *Ruditapes decussatus* y *Ruditapes philippinarum*
Name of the conference: VI Seminario de Química Marina
City of event: Cádiz,
Date of event: 1992
Puppo; J.; J. Blasco. "Resúmenes VI Seminario Química Marina".
- 307** **Title of the work:** Acid and alkaline phosphatase activities as biochemical indicator of heavy metal pollution in bivalve molluscs
Name of the conference: 4th International Conference Environmental Contamination
Type of participation: 'Participatory - poster
City of event: Barcelona,
Date of event: 1990
J. Blasco; J. Puppo; A. Gómez-Parra; J. M. Forja. "Proceedings of 4th International Environmental Contamination".
- 308** **Title of the work:** Efectos bioquímicos de la contaminación por metales pesados
Name of the conference: V Seminario de Química Marina
City of event: Cádiz,
Date of event: 1990
Blasco; J. "V Seminario de Química Marina (J. López-Ruiz, A. Gómez-Parra, eds) Serv. Public. UCA, 13-44 (1991)".



- 309** **Title of the work:** Partial characterization of glutamic oxalacetic transaminase from the clam *Ruditapes philippinarum* (Mollusca: Bivalvia)
Name of the conference: 32th Congrès-Assemblée Plénière Commission Internationale pour L'Exploration Scientifique de la Mer Méditerranée
Type of participation: 'Participatory - poster
City of event: Perpignan,
Date of event: 1990
Puppo; J.; J. Blasco. "Rapport et Procès-verbaux des Réunions Commission Internationale pour L'Exploration Scientifique de la Mer Méditerranée".
- 310** **Title of the work:** Phosphatase activity in Eustigmatophycean marine microalgae
Name of the conference: 25th European Marine Biology Symposium (E.M.B.S.)
Type of participation: 'Participatory - poster
City of event: Ferrara,
Date of event: 1990
Lubián; L. M.; J. Blasco; R. Establier. "Abstracts of 25th E.M.B.S.".
- 311** **Title of the work:** p-Nitrophenylphosphatase activity in marine microalgae *Tetraselmis suecica*
Name of the conference: 32th Congrès-Assemblée Plénière Commission Internationale pour L'Exploration Scientifique de la Mer Méditerranée
Type of participation: 'Participatory - poster
City of event: Perpignan,
Date of event: 1990
Blasco; J.; L. M. Lubián; R. Establier. "Rapport et Procès-verbaux des Réunions Commission Internationale pour L'Exploration Scientifique de la Mer Méditerranée".
- 312** **Title of the work:** Actividades fosfatásicas en las almejas *Venerupis decussata* y *Venerupis semidecussata*
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988
Blasco; J.; R. Establier. "Resúmenes de Comunicaciones".
- 313** **Title of the work:** Acumulación y efectos enzimáticos del cadmio en *Venerupis decussata* y *Venerupis semidecussata* procedentes de cultivos
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988
Establier; R.; J. Blasco; A. Gómez-Parra; J. Puppo. "Resúmenes de Comunicaciones".
- 314** **Title of the work:** Distribución de las actividades enzimáticas digestivas (?-amilasa y proteasas) en diversos mugílidos.
Name of the conference: IV Seminario de Química Marina
City of event: Cádiz,
Date of event: 1988
Blasco; J.; R. Establier; C. Sarasquete. "Actas IV Seminario Química Marina".
- 315** **Title of the work:** Emisión de heces y pseudoheces en las especies *Venerupis decussata* y *Venerupis semidecussata*: composición y contenido de pigmentos
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988



Establier; R.; J. Blasco; A. Gómez-Parra. "Resúmenes de Comunicaciones".

- 316** **Title of the work:** Evolución de las actividades enzimáticas relacionadas con el ciclo del S en esteros de las salinas de la bahía de Cádiz
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988
Blasco; J.; R. Establier; A. Gómez-Parra. "Resúmenes de Comunicaciones".
- 317** **Title of the work:** Evolución del fitoplancton en la bahía de Cádiz en el periodo 1967-1987
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988
Establier; R.; J. Blasco; L. M. Lubián; A. Gómez-Parra. "Resúmenes de Comunicaciones".
- 318** **Title of the work:** Evolución espacial y temporal de fitoplancton y nutrientes en salinas dedicadas al cultivo
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988
Frutos; M.; R. Establier; J. Blasco. "Resúmenes de Comunicaciones".
- 319** **Title of the work:** Excreción de compuestos nitrogenados por *V. decussata* y *V. semidecussata* procedentes de cultivo
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988
Establier; R.; J. Blasco. "Resúmenes de Comunicaciones".
- 320** **Title of the work:** Regeneración de nutrientes en ecosistemas litorales
Name of the conference: IV Seminario Química Marina
City of event: Cádiz,
Date of event: 1988
Gómez-Parra; A.; J. Blasco. "IV Seminario Química Marina".
- 321** **Title of the work:** Relación entre el contenido de carbohidratos totales y de materia orgánica en sedimentos de zonas intermareales de la bahía de Cádiz
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988
Blasco; J.; R. Establier; A. Gómez-Parra. "Resúmenes de Comunicaciones".
- 322** **Title of the work:** Variación espacial y temporal de la actividad fosfatásica en un estero de la bahía de Cádiz
Name of the conference: II Simposio de Acuicultura de Esteros y Zonas Intermareales
City of event: Cádiz,
Date of event: 1988
Frutos; M.; R. Establier; A. Gómez-Parra; J. Blasco. "Resúmenes de Comunicaciones".
- 323** **Title of the work:** Estudio histoquímico de las fosfatasa ácida y alcalina en el aparato digestivo de *Mugil auratus*
Name of the conference: I Congreso de la Federación Iberoamericana de Biología Molecular



City of event: Barcelona,

Date of event: 1987

González de Canales; M. L.; C. Sarasquete; J. Blasco; M. Gutiérrez. "Resúmenes del I Congreso de la Federación Iberoamericana de Biología Molecular".

324 Title of the work: Estudio histoquímico de carbohidratos y proteínas en el aparato digestivo de la anguilla Anguilla anguilla

Name of the conference: IV Reunión de la Sociedad Española de Histoquímica

City of event: Valencia, Spain

Date of event: 1986

González de Canales; M. L.; M. Gutiérrez; C. Sarasquete; J. Blasco. "Libro de Actas de la IV Reunión Española de la Sociedad Española de Histoquímica".

325 Title of the work: Fosfatasas en el estómago y bazo de la dorada, Sparus aurata, L.

Name of the conference: III Seminario Química Marina

City of event: Cádiz,

Date of event: 1986

Blasco; J.; C. Sarasquete; R. Establier; M. Gutiérrez. "Actas del III Seminario Química Marina".

326 Title of the work: Estudio bioquímico de la actividad fosfatásica del riñón de dorada Sparus aurata y su localización histoquímica

Name of the conference: III Reunión de la Sociedad Española de Histoquímica

City of event: Cádiz, Spain

Date of event: 1984

Blasco; J.; C. Sarasquete; M. Gutiérrez; R. Establier. "Resúmenes".

327 Title of the work: Acumulación y efectos hematológicos, histopatológicos y enzimáticos del Pb²⁺ en la lisa Mugil auratus procedente de una salina de Cádiz

Name of the conference: I Simposio Nacional de Acuicultura de Esteros

City of event: Cádiz,

Date of event: 1982

Sarasquete; C.; M. Gutiérrez; R. Establier; J. Blasco. "Programa y Resúmenes".

328 Title of the work: Contribución al estudio de las enzimas proteolíticas del aparato digestivo de especies cultivadas en las salinas

Name of the conference: I Simposio Nacional de Acuicultura de Esteros

City of event: Cádiz,

Date of event: 1982

Blasco; J.; R. Establier; M. Gutiérrez; C. Sarasquete. "Programas y Resúmenes".

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Comité Evaluación Contratos Ramón y Cajal
Affiliation entity: Agencia Estatal de Investigación
Start-End date: 2019 - 2019
- 2** **Committee title:** SETAC Europe Council member
Affiliation entity: SETAC
City affiliation entity: Brussels, Belgium
Start-End date: 2017 - 06/11/2018
- 3** **Committee title:** Comisión Expertos MINEICO. Evaluación de Proyectos
Affiliation entity: Ministerio de Economía, Innovación y Competitividad
Start-End date: 2017 - 2017
- 4** **Committee title:** Comisión de Expertos del MEC evaluación proyectos PN
Affiliation entity: MINISTERIO DE EDUCACION Y CIENCIA
City affiliation entity: Madrid,
Start-End date: 2007 - 2007
- 5** **Committee title:** Miembro del Comité Externo del Centro de Investigación de Recursos Naturales, Salud y Medio Ambiente (RENSMA) Universidad de Huelva
Affiliation entity: Universidad de Huelva **Type of entity:** University
Start date: 05/02/2018
- 6** **Committee title:** Award Committee Society of Environmental Toxicology and Chemistry -Europe
Primary (UNESCO code): 259900 - Other Earth, Space or Environmental specialities (specify)
Affiliation entity: SETAC-Europe
City affiliation entity: Bruselas, Belgium
Start date: 2017
- 7** **Committee title:** Consejo Nacional de Seguridad Marítima-Grupo de trabajo 4- Contaminación y vertidos marinos
Affiliation entity: Ministerio de Agricultura y Medio Ambiente-MAGRAMA
City affiliation entity: Spain
Start date: 15/05/2014
- 8** **Committee title:** Jurado Premios CEPRECO 2008
Geographical area: National
Affiliation entity: Ministerio de Medio Ambiente, Medio Rural y Marino
City affiliation entity: Madrid, Spain



Organization of R&D activities

- 1** **Title of the activity:** From Lab to Field: Relevance of Effects Observed in Lab Studies for Non-target Local Populations and Communities and their Habitat Selection
Type of activity: Co-chair Special Session Congress SETAC 2020
Convening entity: SETAC Europe **Type of entity:** Associations and Groups
Start-End date: 03/05/2020 - 07/05/2020
- 2** **Title of the activity:** Congreso ISMS-Seminario Química Marina
Type of activity: Comité Científico
Convening entity: Universidade de Vigo **Type of entity:** University
City convening entity: Vigo
Start-End date: 2018 - 2018
- 3** **Title of the activity:** Congreso Iberoamericano de Contaminación y Toxicología Ambiental
Type of activity: Comité Científico **Geographical area:** Non EU International
Convening entity: Sociedad Iberoamericana de Contaminación y Toxicología Ambiental
City convening entity: Madrid
Start-End date: 2018 - 2018
- 4** **Title of the activity:** Congreso Internacional NET-SCARCE
Type of activity: Comité Científico
Convening entity: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency
City convening entity: Barcelona, Spain
Start-End date: 15/11/2016 - 16/11/2016
- 5** **Title of the activity:** 10th Iberian and 7th Iberoamerican Congress on Environmental Contamination and Toxicology
Type of activity: Comité Científico **Geographical area:** European Union
Convening entity: Universidad Tras Montes and alto Douro/SICTA
City convening entity: Vila Real, Portugal
Start-End date: 2015 - 2015
- 6** **Title of the activity:** 2nd Marine NanoEcoSafety workshop
Type of activity: Congress-Scientific Committee **Geographical area:** European Union
Convening entity: Consiglio Nazionale Ricerca-University of Siena
City convening entity: Palermo, Italy
Type of participation: Scientific Committee
Start-End date: 17/11/2014 - 18/11/2014
- 7** **Title of the activity:** XVII Seminario Ibérico Química Marina
Type of activity: Miembro del Comité Científico **Geographical area:** Non EU International
Convening entity: Universidad de las Palmas de Gran Canaria
City convening entity: Las Palmas de Gran Canaria, Spain
Start-End date: 11/06/2014 - 13/06/2014



- 8** **Title of the activity:** XVII Seminario Ibérico Química Marina
Type of activity: Miembro del Comité Organizador **Geographical area:** Non EU International
Convening entity: Universidad de las Palmas de Gran Canaria
City convening entity: Las Palmas de Gran Canaria, Spain
Start-End date: 11/06/2014 - 13/06/2014
- 9** **Title of the activity:** 4th SCARCE International Conference "Towards a better understanding of the links between stressors, hazard assessment and ecosystem services under water scarcity
Type of activity: Congreso Internacional **Geographical area:** European Union
Convening entity: Instituto de Ciencias Marinas de Andalucía e IDAEA
City convening entity: Cádiz, Spain
Type of participation: Organiser
Nº assistants: 100
Start-End date: 25/11/2013 - 26/11/2013
- 10** **Title of the activity:** Economics for Water Ecosystem Management
Type of activity: Curso Avanzado **Geographical area:** National
Convening entity: Proyecto Consolider Ingenio SCARCE
City convening entity: Sevilla
Type of participation: Organiser
Start-End date: 19/05/2011 - 21/05/2011
- 11** **Title of the activity:** CICTA 2010
Type of activity: Congreso **Geographical area:** Non EU International
Convening entity: SICTA y Universidad Heredia
City convening entity: Heredia, Costa Rica
Type of participation: Comité Científico
Start-End date: 2010 - 2010
- 12** **Title of the activity:** XV Seminario Ibérico Química Marina
Type of activity: Congreso **Geographical area:** Ibérico
Convening entity: Instituto Investigaciones Marinas (CSIC)
City convening entity: Vigo
Type of participation: Comité Científico
Start-End date: 2010 - 2010
- 13** **Title of the activity:** CICTA 2008
Type of activity: Congreso **Geographical area:** Non EU International
Convening entity: Universidad Lisboa
City convening entity: Lisboa, Portugal
Type of participation: Comité Científico
Start-End date: 2008 - 2008
- 14** **Title of the activity:** XIV Seminario Ibérico de Química Marina
Type of activity: Congreso **Geographical area:** Península Ibérica
City of event: Cádiz,
Convening entity: Universidad de Cádiz y CSIC
Type of participation: Organiser
Nº assistants: 100
Start-End date: 2008 - 2008



- 15** **Title of the activity:** 14th International Symposium Pollutant Response in Marine Organisms
Type of activity: Congreso **Geographical area:** Non EU International
Convening entity: Universidad de Florianopolis
City convening entity: Florianopolis, Brazil
Type of participation: Comité Científico
Start-End date: 2007 - 2007
- 16** **Title of the activity:** 6º Congreso Ibérico y 3º Iberoamericano de Contaminación y Toxicología Ambiental CICTA 2005
Type of activity: Congreso Internacional **Geographical area:** Non EU International
Convening entity: Sociedad Iberoamericana de Contaminación y Toxicología Ambiental
City convening entity: Cádiz, Spain
Type of participation: Chairman
Nº assistants: 300
Start-End date: 25/09/2005 - 28/05/2005
- 17** **Title of the activity:** XI Seminario Ibérico Química Marina
Type of activity: Congreso **Geographical area:** Ibérico
Convening entity: SICTA y Universidad de Algarve
City convening entity: Faro, Portugal
Type of participation: Comité Científico
Start-End date: 2002 - 2002
- 18** **Title of the activity:** 4º Congreso y 1º Iberoamericano de Contaminación y Toxicología Ambiental
Type of activity: Congreso **Geographical area:** Non EU International
Convening entity: SICTA e INIA
City convening entity: Madrid
Type of participation: Comité Científico
Start-End date: 2001 - 2001
- 19** **Title of the activity:** Effect assessment in marshland and areas of high ecological value. The Aznalcollar accident. Case study
Type of activity: Symposium **Geographical area:** Non EU International
City convening entity: Madrid
Type of participation: Organiser
Start-End date: 2001 - 2001
- 20** **Title of the activity:** 3er Congreso Ibérico de Contaminación y Toxicología Ambiental
Type of activity: Congreso **Geographical area:** Ibérica
Convening entity: Sociedad Ibérica de Contaminación y Toxicología Ambiental
City convening entity: Faro, Portugal
Type of participation: Comité Científico
Start-End date: 2000 - 2000
- 21** **Title of the activity:** X Seminario Ibérico de Química Marina
Type of activity: Congreso **Geographical area:** Ibérico
Convening entity: Universidad de Cádiz y CSIC
City convening entity: Cádiz
Type of participation: Organiser
Start-End date: 2000 - 2000



- 22** **Title of the activity:** Biomarkers
Type of activity: Workshop **Geographical area:** Ibérico
Convening entity: 2º Congreso Ibérico de Contaminación y Toxicología Ambiental
City convening entity: Bilbao
Start-End date: 1998 - 1998
- 23** **Title of the activity:** 30th ESCPB Congress
Type of activity: Comité Científico **Geographical area:** European Union
Convening entity: European Society Comparative Biochemistry and Physiology
City convening entity: Barcelona, Catalonia, Spain
Start date: 2016
- 24** **Title of the activity:** XVIII Seminario Ibérico de Química Marina
Type of activity: Comité Organizador **Geographical area:** European Union
Convening entity: Universidad de Alicante
City convening entity: Alicante, Valencian Community, Spain
Start date: 2016
- 25** **Title of the activity:** Aquatic Nanotoxicology: from freshwater to seawater-overcoming the difficulties of standard toxicity tests and the implications for higher toxicity testing
Type of activity: Special Session 25th SETAC Congress **Geographical area:** European Union
City of event: Barcelona,
Convening entity: SETAC-Europe
City convening entity: Barcelona, Spain
Type of participation: Co-organizador
Start date: 03/05/2015 **Duration:** 2 days
- 26** **Title of the activity:** Jornada Proyecto Consolider SCARCE-Agencia Vasca del Agua
Type of activity: Jornada Científica
Convening entity: Proyecto Consolider-Ingenio SCARCE-Agencia Vasca del Agua
City convening entity: Vitoria
Start date: 21/07/2013
- 27** **Title of the activity:** Jornada Proyecto Consolider SCARCE-Confederación Hidrográfica del Ebro
Type of activity: Jornada Científica
Convening entity: Proyecto Consolider-Ingenio SCARCE-Confederación Hidrográfica del Ebro
City convening entity: Zaragoza
Type of participation: Organiser
Start date: 20/07/2013

R&D management

- 1** **Name of the activity:** Unidad Asociada IFAPA-CSIC Crecimiento Azul
Type of management: Group management
Performed tasks: Responsable
Entity: ICMAN-CSIC
Start date: 02/07/2019



- 2** **Name of the activity:** Plan Estratégico de la Universidad de Cádiz
Performed tasks: Participación área Investigación
Entity: Universidad de Cádiz **Type of entity:** University
Start date: 15/09/2014
- 3** **Name of the activity:** Grupo de Investigación Ecotoxicology, Ecophysiology and Biodiversity of Aquatic Systems
Type of management: Group management
Performed tasks: Responsable
Entity: ICMAN-CSIC
Start date: 03/06/2013
- 4** **Name of the activity:** Comité de Bioética
Type of management: Comité Bioética
Performed tasks: Vicepresidente
Entity: Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency
Start date: 2010 **Duration:** 5 years
- 5** **Name of the activity:** Sociedad Iberoamericana de Contaminación y Toxicología Ambiental
Type of management: Management of body
Performed tasks: Vicepresidente
Start date: 2005 **Duration:** 2 years - 7 months
- 6** **Name of the activity:** Sociedad Iberoamericana de Contaminación y Toxicología Ambiental
Type of management: Management of body
Performed tasks: Presidente
Start date: 2003 **Duration:** 2 years
- 7** **Name of the activity:** Grupo de investigación del Plan Andaluz RNM306
Type of management: Group management
Performed tasks: Responsable
Entity: Instituto Ciencias Marinas de Andalucía
Start date: 2000

Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Evaluador
Performed tasks: Evaluación proyectos
Entity where activity was carried out: Research Grants Council Hong-Kong
Start-End date: 2017 - 2018
- 2** **Name of the activity:** Evaluador
Performed tasks: Evaluación proyectos
Entity where activity was carried out: FWO-Research Foundation Flanders
City of entity: Belgium,
Start-End date: 2017 - 2018
- 3** **Performed tasks:** Evaluador proyectos
Entity where activity was carried out: NRC-UK
Start-End date: 2015 - 2018



- 4** **Name of the activity:** Environmental Toxicology and Chemistry
Performed tasks: Editorial Board member-Miembro del Comité Editorial
Entity where activity was carried out: Environmental Toxicology and Chemistry Journal
Start-End date: 2014 - 2017
- 5** **Name of the activity:** BONUS-Program Filand
Performed tasks: Evaluador proyectos
Entity where activity was carried out: Bonus-Program
City of entity: Helsinki, Finland
Start-End date: 2016 - 2016
- 6** **Name of the activity:** Comité Editorial
Performed tasks: Miembro del Comité Editorial
Entity where activity was carried out: ISRN Toxicology
Start-End date: 2013 - 2015
- 7** **Performed tasks:** Editor Asociado
Entity where activity was carried out: Heliyon-Elsevier
Start date: 2019
- 8** **Name of the activity:** Evaluado
Performed tasks: Evaluación de proyectos
Entity where activity was carried out: Agencia de Calidad Universitaria Islas Baleares
Start date: 2019
- 9** **Name of the activity:** Evaluación de proyectos
Performed tasks: Evaluador
Entity where activity was carried out: Minsiterio de Ciencia y Tecnología de Israel
Start date: 2019
- 10** **Performed tasks:** Associate Editor
Entity where activity was carried out: Science of the Total Environment Journal
Start date: 2018
- 11** **Name of the activity:** Editor Asociado Environmental Toxicology and Chemistry
Performed tasks: Editor
Entity where activity was carried out: Environmental Toxicology and Chemistry-Wiley
Start date: 2018
- 12** **Performed tasks:** Editorial Board
Entity where activity was carried out: Data in Brief - Elsevier
Start date: 2018
- 13** **Name of the activity:** Evaluador proyectos
Performed tasks: Evaluacion de proyectos
Entity where activity was carried out: Swiss National Foundation
City of entity: Switzerland
Start date: 2018



- 14** **Name of the activity:** Evaluador proyectos
Performed tasks: Evaluación proyectos
Entity where activity was carried out: Croatian Science Foundtion (HRZZ)
Start date: 2018
- 15** **Name of the activity:** Editor Asociado
Performed tasks: Editor
Entity where activity was carried out: PeerJ
Start date: 2017
- 16** **Performed tasks:** Editorial Board
Entity where activity was carried out: Science of the Total Environment Journal
Start date: 2016
- 17** **Name of the activity:** Evaluador proyectos
Performed tasks: Evaluacion de proyectos
Entity where activity was carried out: Ministero dell'Istruzione dell'Università e della Ricerca
City of entity: Italy
Start date: 2016
- 18** **Name of the activity:** Evaluación de proyectos FONDECYT
Performed tasks: Evaluador proyectos
Entity where activity was carried out: CONICYT
City of entity: Chile
Start date: 2016
- 19** **Name of the activity:** editor
Performed tasks: Associate Editor
Entity where activity was carried out: Frontiers in Environmental Sciences (Marine Pollution)
Start date: 2015
- 20** **Name of the activity:** Editor
Performed tasks: Editor Asociado
Entity where activity was carried out: Frontiers in Marine Science Marine Pollution
Start date: 2015
- 21** **Name of the activity:** Marine Environmental Research
Performed tasks: Editorial Board Member-Miembro del Comité editorial
Entity where activity was carried out: Marine Environmental Research-Elsevier
Start date: 01/12/2014
- 22** **Name of the activity:** Frontiers in Marine Science-Marine Biogeochemistry
Performed tasks: Review Editorial Board
Entity where activity was carried out: Frontiers in Marine Science-Marine Biogeochemistry
Start date: 2014
- 23** **Performed tasks:** Evaluación de proyectos
Entity where activity was carried out: Fonds National de la Recherche Luxembourg
City of entity: Luxembourg, Luxembourg
Start date: 13/06/2013



- 24** **Name of the activity:** evaluador
Performed tasks: Evaluación proyectos
Entity where activity was carried out: ANR **Type of entity:** State agency
City of entity: France
Start date: 2013
- 25** **Name of the activity:** Editorial Board Environment International
Performed tasks: Editorial board member-Miembro del Comité Editorial
Entity where activity was carried out: Environment International-Elsevier
Start date: 2006
- 26** **Name of the activity:** evaluador
Performed tasks: Evaluacion proyectos
Entity where activity was carried out: FONICYT
City of entity: Argentina
- 27** **Name of the activity:** Evaluador
Performed tasks: Evaluación proyectos
Entity where activity was carried out: Agencia Nacional de Evaluación y Prospectiva **Type of entity:** Agencia Nacional
- 28** **Name of the activity:** evaluador
Performed tasks: Evaluación proyectos
Entity where activity was carried out: Royal Society
- 29** **Name of the activity:** evaluador
Performed tasks: Evaluación proyectos
Entity where activity was carried out: Plan Nacional Investigación Bélgica
City of entity: Belgium
- 30** **Name of the activity:** Revisor
Performed tasks: Revisión artículos
Entity where activity was carried out: Wiley
- 31** **Name of the activity:** Revisor
Performed tasks: Revisión artículos
Entity where activity was carried out: Elsevier **Type of entity:** Business
- 32** **Name of the activity:** Revisor
Performed tasks: Revisión artículos
Entity where activity was carried out: Springer **Type of entity:** Business



Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Universidade Estadual Paulista Júlio de Mesquita Filho
Type of entity: University
Faculty, institute or centre: Câmpus de São José do Rio Preto
City of entity: San Jose do Rio Preto, Brazil
Start-End date: 01/10/2014 - 10/10/2014
Goals of the stay: Guest
Provable tasks: Impartición de curso
- 2** **Entity:** Istituto Fisiologia Generale (Università di Genova)
Type of entity: University
City of entity: Génova, Italy
Start date: 1989
Duration: 3 months
Name of programme: metalotioneinas
Goals of the stay: Guest
Provable tasks: Identificación y cuantificación de metalotioneínas en moluscos bivalvos

Scientific societies and professional associations

- 1** **Name of the society:** American Chemical Society
Start-End date: 2005 - 2019
- 2** **Name of the society:** Society Environmental Contamination and Toxicology
Start date: 1998
- 3** **Name of the society:** Sociedad Iberoamericana de Contaminación y Toxicología Ambiental
Start date: 1996

Periods of research activity

Nº of recognized periods: 5
Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora
Date of recognition: 2019



Summary of other achievements

- 1** **Description of the achievement:** Editor invitado Virtual Special Issue "CICTA 2018" STOTEN
Accrediting entity: Elsevier
Conferral date: 2019
- 2** **Description of the achievement:** Editor Invitado Science Total Environment Marine Sciences: "A Multidisciplinary Approach to Global Change"
Accrediting entity: Elsevier
Conferral date: 2017
- 3** **Description of the achievement:** Editor Invitado Special Issue of Environmental Science and Pollution Research
Accrediting entity: Springer
Conferral date: 2015
- 4** **Description of the achievement:** Editor invitado Special Issue Marine Environmental Research
Accrediting entity: Elsevier
Conferral date: 2015
- 5** **Description of the achievement:** Editor invitado Science of the Total Environment "Towards a better understanding of the links between stressors, hazard assessment and ecosystem services"
Accrediting entity: Elsevier
Conferral date: 2014
- 6** **Description of the achievement:** Presencia como Scientist en el Essential Science Indicators Environment/Ecology
Accrediting entity: ISI Web of Knowledge
Conferral date: 2013
- 7** **Description of the achievement:** Conferencia invitada "Contamination in coastal ecosystems: old and new issues and some responses"
Accrediting entity: Natural History Museum **Type of entity:** Public Research Body
City accrediting entity: London, United Kingdom
Conferral date: 09/2011
- 8** **Description of the achievement:** Editor invitado Scientia Marina "Advances in Marine Chemistry"
Conferral date: 2010
- 9** **Description of the achievement:** Editor invitado revista Ciencias Marinas publicacion número especial XI Seminario Ibérico Química Marina
Conferral date: 2005
- 10** **Description of the achievement:** Conferencia invitada en la Facultad de Ciencias Biológicas Universidad Valencia "Impacto del accidente minero de Aznalcollar en el medio físico y los organismos del estuario del Guadalquivir"
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Spain
Conferral date: 2004



- 11** **Description of the achievement:** Editor invitado revista Ciencias Marinas publicacion número especial X Seminario Ibérico Química Marina
Conferral date: 2003