



**MARIA LAURA MARTIN DIAZ**

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**MARIA LAURA MARTIN DIAZ**

Surname(s): **MARTIN DIAZ**  
Name: **MARIA LAURA**  
ORCID: **0000-0003-0400-0641**  
ScopusID: **57201881559**  
Date of birth: **21/05/1976**  
Nationality: **Spain**  
Country of birth: **Spain**  
Email: **laura.martin@uca.es**

**Current professional situation**

**Employing entity:** UNIVERSIDAD DE CÁDIZ      **Type of entity:** University  
**Department:** Facultad de Ciencias del Mar y Ambientales  
**Professional category:** Profesor Catedrático de Universidad  
**City employing entity:** Cádiz, Andalusia, Spain  
**Phone:** 956016423  
**Start date:** 08/11/2017  
**Type of contract:** Civil servant      **Dedication regime:** Full time  
**Primary (UNESCO code):** 239100 - Environmental Chemistry; 240000 - Life Science  
**Performed tasks:** Docencia e investigación en Química Física.  
**Identify key words:** Ecotoxicology



## Education

### University education

#### Doctorates

**Doctorate programme:** PD Oceanografía Litoral. DOCTORA EN CIENCIAS DEL MAR

**Degree awarding entity:** Universidad de Cádiz **Type of entity:** University

**City degree awarding entity:** Cádiz, Andalusia, Spain

**Date of degree:** 27/07/2004

**DEA awarding entity:** Universidad de Cádiz

**Date DEA was awarded:** 04/06/2003

**European doctorate:** Yes

**Date of certificate:** 27/07/2004

**Thesis title:** DETERMINACION DE LA CALIDAD AMBIENTAL DE SEIS SISTEMAS LITORALES Y DE ESTUARIO DE LA PENINSULA IBERICA UTILIZANDO ENSAYOS DE CAMPO Y DE LABORATORIO

**Thesis director:** Diego Sales Márquez

**Obtained qualification:** Sobresaliente cum laude por unanimidad

**Recognition of quality:** No

**Special doctorate award:** Yes

**Date of award:** 21/12/1004

**Standardised degree:** No

### Language skills

| Language | Listening skills | Reading skills | Spoken interaction | Speaking skills | Writing skills |
|----------|------------------|----------------|--------------------|-----------------|----------------|
| French   | A1               | A1             | A1                 | A1              | A1             |
| Italian  | A1               | A1             | A2                 | A2              | A1             |
| English  | C1               | C1             | C1                 | C1              | C1             |

## Teaching experience

### Experience supervising doctoral thesis and/or final year projects

- Project title:** Evaluación del riesgo ambiental de efluentes de estaciones de depuración de aguas residuales en ecosistemas marinos

**Type of project:** Doctoral thesis

**Co-director of thesis:** María Laura Martín Díaz; Carmen Garrido Pérez

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Student:** Beatriz Díaz Garduño

**Obtained qualification:** Sobresaliente Cum laude por unanimidad

**Date of reading:** 2018

**European doctorate:** Yes

**Quality recognition:** Yes



- 2** **Project title:** New perspectives in the use of sentinel organisms in emerging contaminants ecotoxicological assessments for coastal waters  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Elena Fabbri; María Laura Martín Díaz  
**Entity:** Universidad de Bolonia (Italia) **Type of entity:** University  
**Student:** Marco Capolupo  
**Obtained qualification:** Sobresaliente Cum laude por unanimidad  
**Date of reading:** 2018  
**European doctorate:** Yes  
**Quality recognition:** Yes
- 3** **Project title:** Environmental risk assessment of UV filters OC, ODP and PBS in marine environment: effects in embryo-larval stages  
**Type of project:** Trabajo Fin de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Soledad Castro  
**Obtained qualification:** Notable  
**Date of reading:** 2017
- 4** **Project title:** Oxidative Stress Response to hydrogen peroxide exposure: Organismal and Cellular Effects in Bivalves  
**Type of project:** Trabajo Fin de Máster  
**Entity:** Universidad de Cádiz  
**Student:** Alam Rushna  
**Obtained qualification:** Notable  
**Date of reading:** 2017
- 5** **Project title:** Desarrollo de herramientas para la evaluación de la calidad ambiental en zonas marinas afectadas por vertido de acuicultura de peces  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Tomás ángel del Valls Casillas; María Laura martín Díaz  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Claudio Silva Gallinato  
**Obtained qualification:** Sobresaliente Cum laude por unanimidad  
**Date of reading:** 2014
- 6** **Project title:** Diseño de una herramienta integrada para la evaluación y gestión de la calidad ambiental de sistemas afectados por vertidos de productos farmacéuticos  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** María Laura Martín Díaz; Tomás Ángel del Valls Casillas  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Gabriela Verónica Aguirre Martínez  
**Obtained qualification:** Sobresaliente Cum laude por unanimidad. PREMIO EXTRAORDINARIO DE DOCTORADO-UNIVERSIDAD DE CÁDIZ  
**Date of reading:** 2014  
**European doctorate:** Yes **Date of recognition:** 2014  
**Quality recognition:** Yes
- 7** **Project title:** Evaluación del riesgo ambiental de sedimentos marinos afectados por la contaminación de productos farmacéuticos: estudios en laboratorio e in situ.  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** María Laura Martín Díaz; Tomás Ángel del Valls Casillas



**Entity:** Universidad de Cádiz

**Type of entity:** University

**Student:** Luciane Alves Maranhó

**Obtained qualification:** Sobresaliente Cum laude por unanimidad. PREMIO EXTRAORDINARIO DE DOCTORADO-UNIVERSIDAD DE CÁDIZ

**Date of reading:** 2014

**European doctorate:** Yes

**Quality recognition:** Yes

**8 Project title:** Ecotoxicological assessment of wastewater treatment plants effluents discharged in marine areas from the Bay of Cádiz (SW, Spain)

**Type of project:** Trabajo Fin de Máster

**Co-director of thesis:** María Laura Martín Díaz; Carmen Garrido Pérez; Tomás Ángel del Valls Casillas

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Student:** Beatriz Díaz Garduño

**Obtained qualification:** Sobresaliente- PREMIO EXTRAORDINARIO FIN DE MASTER-UNIVERSIDAD DE CÁDIZ

**Date of reading:** 2014

**9 Project title:** Ecotoxicological assessment of wastewater treatment plants effluents discharged in marine areas from the Bay of Cádiz (SW, Spain)

**Type of project:** Trabajo Fin de Máster

**Co-director of thesis:** María Laura Martín Díaz; Carmen Garrido Pérez; Tomás Ángel del Valls Casillas

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Student:** Beatriz Díaz Garduño

**Obtained qualification:** Sobresaliente- PREMIO EXTRAORDINARIO FIN DE MASTER-UNIVERSIDAD DE CÁDIZ

**Date of reading:** 2014

**10 Project title:** Bases científicas para el diseño de un plan de vigilancia ambiental para las piscifactorías marinas instaladas en tierra

**Type of project:** Doctoral thesis

**Co-director of thesis:** Tomás Ángel del Valls Casillas; Martín-Díaz, ML

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Student:** Carlos Brais Carballeira Braña

**Obtained qualification:** Sobresaliente Cum laude por unanimidad. PREMIO EXTRAORDINARIO DE DOCTORADO-UNIVERSIDAD DE CÁDIZ

**Date of reading:** 2013

**European doctorate:** Yes

**Date of recognition:** 2013

**Quality recognition:** Yes

**11 Project title:** Alterazione di risposte fisiologiche in invertebrati marini esposti nella Baia di Cadice (Spagna) come indici della qualità dell'ambiente

**Type of project:** Trabajo Fin de Máster

**Co-director of thesis:** María Laura Martín Díaz; Elena Fabbri

**Entity:** Universidad de Cádiz (España) - Universidad de Bolonia (Italia)

**Student:** Matia Mattioli

**Obtained qualification:** SOBRESALIENTE

**Date of reading:** 2012

**12 Project title:** Calidad del tejido biológico en organismos bentónicos afectados por vertidos marinos agudos y crónicos

**Type of project:** Doctoral thesis



**Co-director of thesis:** Tomás Ángel del Valls Casillas; Martín-Díaz, ML  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Julia Ramos Gómez  
**Obtained qualification:** Sobresaliente Cum laude por unanimidad  
**Date of reading:** 2011  
**European doctorate:** Yes  
**Quality recognition:** Yes

**13 Project title:** Acute Toxicity assessment of an anti-breast cancer pharmaceutical Tamoxifen using the sea urchin *Paracentrotus lividus*, the microalgae *Selenastrum capricornutum* and *Isochrysis galbana* and the bacteria *Vibrio fisheri*  
**Type of project:** Trabajo Fin de Master  
**Co-director of thesis:** María Laura Martín Díaz; María José Salamanca Marín; Carmen Garrido Pérez  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Cornellius Okello  
**Obtained qualification:** Sobresaliente  
**Date of reading:** 2011

**14 Project title:** The use of Biomarkers for environmental quality assessment of two important Brazilian ports: Santos and Paranaguá.  
**Type of project:** Trabajo Fin de Máster  
**Co-director of thesis:** María Laura Martín Díaz; Tomás Ángel del Valls Casillas  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** LUCIANE ALVES MARANHO  
**Obtained qualification:** Sobresaliente  
**Date of reading:** 2010

## Scientific and technological experience

### Scientific or technological activities

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

- 1 Name of the project:** Desarrollo de una unidad móvil para la Evaluación del Riesgo Ambiental de efluentes de Estaciones de Depuración de Aguas Residuales en ecosistemas marinos  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universidad de Cádiz **Type of entity:** University  
**Name principal investigator (PI, Co-PI...):** MARIA LAURA MARTÍN DÍAZ  
**Nº of researchers:** 5  
**Funding entity or bodies:** Ministerio de Economía y Competitividad  
**Start date:** 01/08/2013 **Duration:** 1096 days
- 2 Name of the project:** DISEÑO DE UNA HERRAMIENTA INTEGRADA PARA LA EVALUACIÓN Y GESTIÓN DE LA CALIDAD AMBIENTAL DE SISTEMAS ACUÁTICOS AFECTADOS POR VERTIDOS DE PRODUCTOS FARMACÉUTICOS.  
**Degree of contribution:** Coordinator of total project, network or consortium



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

**Name principal investigator (PI, Co-PI....):** MARIA LAURA MARTÍN DÍAZ

**Nº of researchers:** 8

**Name of the programme:** PROYECTOS DE EXCELENCIA, JUNTA DE ANDALUCÍA

**Code according to the funding entity:** P09-RNM-5136

**Start date:** 03/02/2010

**Duration:** 1460 days

**Total amount:** 242.483 €

**3 Name of the project:** CONCRETIZACIÓN DEL MASTER CONJUNTO EUROPEO EN GESTIÓN DE AGUA Y COSTAS PARA LA INCLUSIÓN DE UNIVERSIDAD BRASILEÑA

**Geographical area:** Non EU International

**Degree of contribution:** Researcher

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

**Name principal investigator (PI, Co-PI....):** AUGUSTO CESAR; TOMÁS ANGEL DEL VALLS CASILLAS

**Nº of researchers:** 4

**Name of the programme:** OTROS PROGRAMAS DE LA AGENCIA ESPAÑOLA DEL COOPERACIÓN INTERNACIONAL (AECI) , MINISTERIO DE ASUNTOS EXTERIORES Y COOPERACIÓN

**Code according to the funding entity:** B/026026/09

**Start date:** 16/01/2010

**Duration:** 380 days

**Total amount:** 16.500 €

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

**Name of the project:** EJECUCIÓN DE CAMPAÑAS DE TRABAJO EN EL RÍO SAN FRANCISCO (TRES MARIAS, BRASIL) PARA DETERMINAR LA CALIDAD DE SUS SEDIMENTOS (5246/10 TM)

**Type of project:** Precompetitive development

**Geographical area:** Non EU International

**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** TOMÁS ANGEL DEL VALLS CASILLAS

**Nº of researchers:** 22

**Participating entity/entities:** Universidad de Cádiz

**Code according to the funding entity:** OT2010/149

**Start date:** 01/10/2010

**Duration:** 731 days

## Results

### Industrial and intellectual property

**1 Title registered industrial property:** Unidad móvil para la evaluación y control del impacto de efluentes de estaciones depuradoras de aguas residuales en ecosistemas marinos

**Type of industrial property:** Patent of invention

**Inventors/authors/obtainers:** María Laura Martín Díaz; Jose Antonio Perales Vargas-Machuca; Beatriz Díaz Garduño; Enrique García Luque; Jesús Barragán Sánchez; Carmen Garrido Pérez; Manuel Alejandro Manzano Quiñones

**Entity holder of rights:** Universidad de Cádiz

**Nº of application:** P201600278

**Country of inscription:** Spain, Andalusia

**Date of register:** 11/04/2016



**Conferral date:** 29/01/2018**N° of patent:** ES2637236**Spanish patent:** Yes**EU patent:** Yes**International non-EU patent:** Yes**PCT patent:** Yes**Relevant results:** International Patent Classification: G01N 33/18 (2006.01)**2 Title registered industrial property:** Jaula bentónica para anélidos poliquetos**Type of industrial property:** Patent of invention**Trade secret:** No**Inventors/authors/obtainers:** JULIA RAMOS GÓMEZ; Ramos Manzano, José; MARIA LAURA MARTÍN DÍAZ; TOMÁS ANGEL DEL VALLS CASILLAS**Entity holder of rights:** Universidad de Cádiz**Reference/registry code:** ES 2368243 B1**N° of application:** P201000540**Country of inscription:** Spain, Andalusia**Date of register:** 27/04/2010**Conferral date:** 07/09/2012**N° of patent:** ES2582287**Spanish patent:** Yes**EU patent:** Yes**International non-EU patent:** Yes**Relevant results:** International Patent Classification: A01K 61/00 (2006.01); G01N 33/18 (2006.01)

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Capolupo, Marco; Diaz-Garduno, Beatriz; Martin-Diaz, Maria Laura. The impact of propranolol, 17-ethinylestradiol, and gemfibrozil on early life stages of marine organisms: effects and risk assessment. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH. 25 - 32, pp. 32196 - 32209. SPRINGER HEIDELBERG, 01/11/2018. ISSN 09441344

**DOI:** 10.1016/j.envres.2014.08.014**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Impact index in year of publication:** 2.8**Journal in the top 25%:** No**Position of publication:** 83**No. of journals in the cat.:** 242**Source of citations:** WOS**Citations:** 0

- 2** Helm, Rebecca R.; Laura Martin-Diaz, Maria; Tarrant, Ann M. Phylogenetic analysis of cnidarian peroxiredoxins and stress-responsive expression in the estuarine sea anemone *Nematostella vectensis*. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR & INTEGRATIVE PHYSIOLOGY. 221, pp. 32 - 43. ELSEVIER SCIENCE INC, 01/07/2018. ISSN 1095-6433

**DOI:** 10.1016/j.cbpa.2018.03.009**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - ZOOLOGY**Impact index in year of publication:** 2.26**Journal in the top 25%:** Yes**Position of publication:** 27**No. of journals in the cat.:** 167



**Source of citations:** WOS**Citations:** 0

- 3** Diaz-Garduno, B.; Perales, J. A.; Garrido-Perez, C.; Martin-Diaz, M. L. Health status alterations in Ruditapes philippinarum after continuous secondary effluent exposure before and after additional tertiary treatment application. ENVIRONMENTAL POLLUTION. 235, pp. 720 - 729. ELSEVIER SCI LTD, 01/04/2018. ISSN 0269-7491

**DOI:** 10.1016/j.cbpa.2018.03.009**Type of production:** Scientific paper**Impact source:** ISI**Impact index in year of publication:** 4.36**Position of publication:** 40**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 242**Citations:** 0

- 4** Diaz-Garduno, B.; Perales, J. A.; Biel-Maeso, M.; Pintado-Herrera, M. G.; Lara-Martin, P. A.; Garrido-Perez, C.; Martin-Diaz, M. L. Biochemical responses of Solea senegalensis after continuous flow exposure to urban effluents. SCIENCE OF THE TOTAL ENVIRONMENT. 615, pp. 486 - 497. ELSEVIER SCIENCE BV, 15/02/2018. ISSN 00489697

**DOI:** 10.1016/j.scitotenv.2017.09.304**Type of production:** Scientific paper**Impact source:** ISI**Impact index in year of publication:** 4.61**Position of publication:** 27**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 242**Citations:** 4

- 5** Aguirre-Martínez, GV; André, C; Gagné, F; Martín-Díaz, ML. The effects of human drugs in Corbicula fluminea. Assessment of neurotoxicity, inflammation, gametogenic activity, and energy status. ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY. 148, pp. 652 - 663. (United Kingdom): Elsevier, 2018. ISSN 01476513

**DOI:** 10.1016/j.ecoenv.2017.09.042**Type of production:** Scientific paper**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 3.974**Position of publication:** 50**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 242

- 6** Diaz-Garduno, B.; Pintado-Herrera, M. G.; Biel-Maeso, M.; Rueda-Marquez, J. J.; Lara-Martin, P. A.; Perales, J. A.; Manzano, M. A.; Garrido-Perez, C.; Martin-Diaz, M. L. Environmental risk assessment of effluents as a whole emerging contaminant: Efficiency of alternative tertiary treatments for wastewater depuration. WATER RESEARCH. 119, pp. 136 - 149. PERGAMON-ELSEVIER SCIENCE LTD, 01/08/2017. ISSN 0043-1354

**Type of production:** Scientific paper**Impact source:** ISI**Impact index in year of publication:** 7.051**Position of publication:** 1**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - WATER RESOURCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 90**Citations:** 11

- 7** Aguirre-Martinez, Gabriela V.; Reinardy, Helena C.; Laura Martin-Diaz, M.; Henry, Theodore B. Response of gene expression in zebrafish exposed to pharmaceutical mixtures: Implications for environmental risk. *ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY*. 142, pp. 471 - 479. ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/08/2017. ISSN 0147-6513
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.974  
**Position of publication:** 50  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 242  
**Citations:** 4
- 8** Sendra, M; Pintado-Herrera, MG; Aguirre-Martínez, GV; Moreno-Garrido, I; Martín-Díaz, ML; Lara, P; Blasco, J. Are the TiO<sub>2</sub> NPs a “Trojan horse” for personal care products (PCPs) in the clam *Ruditapes philippinarum*?. *CHEMOSPHERE*. 185, pp. 192 - 204. (United Kingdom): Elsevier, 2017. ISSN 00456535  
**DOI:** 10.1016/j.chemosphere.2017.07.00
- Type of production:** Scientific paper  
**Position of signature:** 5  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 4.208  
**Position of publication:** 32
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 229
- 9** Moreira, Lucas Buruaem; Maranhão, Luciane Alves; Baena-Nogueras, Rosa Maria; Lara-Martin, Pablo Antonio; Martin-Diaz, Maria Laura. Effects of novobiocin and methotrexate on the benthic amphipod *Ampelisca brevicornis* exposed to spiked sediments. *MARINE ENVIRONMENTAL RESEARCH*. 122, pp. 169 - 177. ELSEVIER SCI LTD, 01/12/2016. ISSN 1879-0291
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.101  
**Position of publication:** 10  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 105  
**Citations:** 1
- 10** Diaz-Garduno, B.; Rueda-Marquez, J. J.; Manzano, M. A.; Garrido-Perez, C.; Martin-Diaz, M. L. Are combined AOPs effective for toxicity reduction in receiving marine environment? Suitability of battery of bioassays for wastewater treatment plant (WWTP) effluent as an ecotoxicological assessment. *MARINE ENVIRONMENTAL RESEARCH*. 114, pp. 1 - 11. ELSEVIER SCI LTD, 01/03/2016. ISSN 1879-0291
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.101  
**Position of publication:** 10  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 105  
**Citations:** 3



- 11** Silva, Claudio; Yanez, Eleuterio; Laura Martin-Diaz, Maria; Angel DelValls, Tomas. GIS-based ecological risk assessment for contaminated sites by fish farm effluents using a multicriteria weight of evidence approach. AQUACULTURE RESEARCH. 47 - 2, pp. 524 - 539. WILEY-BLACKWELL, 01/02/2016. ISSN 1355-557X  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** Science Edition - FISHERIES  
**Impact index in year of publication:** 1.461 **Journal in the top 25%:** No  
**Position of publication:** 23 **No. of journals in the cat.:** 50  
**Source of citations:** WOS **Citations:** 2
- 12** Aguirre-Martinez, Gabriela V.; Angel DelValls, T.; Laura Martin-Diaz, M. General stress, detoxification pathways, neurotoxicity and genotoxicity evaluated in Ruditapes philippinarum exposed to human pharmaceuticals. ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY. 124, pp. 18 - 31. ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/02/2016. ISSN 0147-6513  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 3.743 **Journal in the top 25%:** Yes  
**Position of publication:** 47 **No. of journals in the cat.:** 229  
**Source of citations:** WOS **Citations:** 26
- 13** Aguirre-Martinez, G. V.; Okello, C.; Salamanca, M. J.; Garrido, C.; Del Valls, T. A.; Martin-Diaz, M. L. Is the step-wise tiered approach for ERA of pharmaceuticals useful for the assessment of cancer therapeutic drugs present in marine environment?. ENVIRONMENTAL RESEARCH. 144, pp. 43 - 59. ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/01/2016. ISSN 0013-9351, ISSN 1096-0953  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** Science Edition - PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH  
**Impact index in year of publication:** 3.835 **Journal in the top 25%:** Yes  
**Position of publication:** 25 **No. of journals in the cat.:** 176  
**Impact source:** ISI **Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 3.835 **Journal in the top 25%:** Yes  
**Position of publication:** 44 **No. of journals in the cat.:** 229  
**Source of citations:** WOS **Citations:** 5
- 14** Maranhão, L. A.; Andre, C.; DelValls, T. A.; Gagne, F.; Martin-Diaz, M. L. In situ evaluation of wastewater discharges and the bioavailability of contaminants to marine biota. SCIENCE OF THE TOTAL ENVIRONMENT. 538, pp. 876 - 887. ELSEVIER SCIENCE BV, 15/12/2015. ISSN 1879-1026  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 3.976 **Journal in the top 25%:** Yes  
**Position of publication:** 32 **No. of journals in the cat.:** 225  
**Source of citations:** WOS **Citations:** 10

- 15** Maranhão, L. A.; Andre, C.; DeIValls, T. A.; Gagne, F.; Martin-Diaz, M. L. Adverse effects of wastewater discharges in reproduction, energy budget, neuroendocrine and inflammation processes observed in marine clams *Ruditapes philippinarum*. ESTUARINE COASTAL AND SHELF SCIENCE. 164, pp. 324 - 334. ACADEMIC PRESS LTD-ELSEVIER SCIENCE LTD, 05/10/2015. ISSN 0272-7714
- Type of production:** Scientific paper      **Format:** Journal  
**Impact source:** ISI      **Category:** Science Edition - MARINE & FRESHWATER BIOLOGY  
**Impact index in year of publication:** 2.335      **Journal in the top 25%:** Yes  
**Position of publication:** 24      **No. of journals in the cat.:** 104  
**Source of citations:** WOS      **Citations:** 4
- 16** Aguirre-Martinez, Gabriela V.; DeIValls, Angel T.; Laura Martin-Diaz, M. Yes, caffeine, ibuprofen, carbamazepine, novobiocin and tamoxifen have an effect on *Corbicula fluminea* (Muller, 1774). ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY. 120, pp. 142 - 154. ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/10/2015. ISSN 0147-6513
- Type of production:** Scientific paper      **Format:** Journal  
**Impact source:** ISI      **Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 3.13      **Journal in the top 25%:** Yes  
**Position of publication:** 55      **No. of journals in the cat.:** 225  
**Source of citations:** WOS      **Citations:** 30
- 17** Maranhão, L. A.; Andre, C.; DeIValls, T. A.; Gagne, F.; Martin-Diaz, M. L. Toxicological evaluation of sediment samples spiked with human pharmaceutical products: Energy status and neuroendocrine effects in marine polychaetes *Hediste diversicolor*. ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY. 118, pp. 27 - 36. ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/08/2015. ISSN 0147-6513
- Type of production:** Scientific paper      **Format:** Journal  
**Impact source:** ISI      **Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 3.13      **Journal in the top 25%:** Yes  
**Position of publication:** 55      **No. of journals in the cat.:** 225  
**Source of citations:** WOS      **Citations:** 17
- 18** Rueda-Marquez, J. J.; Pintado-Herrera, Marina G.; Martin-Diaz, M. L.; Acevedo-Merino, A.; Manzano, M. A. Combined AOPs for potential wastewater reuse or safe discharge based on multi-barrier treatment (microfiltration-H<sub>2</sub>O<sub>2</sub>/UV-catalytic wet peroxide oxidation). CHEMICAL ENGINEERING JOURNAL. 270, pp. 80 - 90. ELSEVIER SCIENCE SA, 15/06/2015. ISSN 1385-8947
- Type of production:** Scientific paper      **Format:** Journal  
**Impact source:** ISI      **Category:** Science Edition - ENGINEERING, CHEMICAL  
**Impact index in year of publication:** 5.31      **Journal in the top 25%:** Yes  
**Position of publication:** 8      **No. of journals in the cat.:** 135  
**Source of citations:** WOS      **Citations:** 17
- 19** Maranhão, L. A.; DeIValls, T. A.; Martin-Diaz, M. L. Assessing potential risks of wastewater discharges to benthic biota: An integrated approach to biomarker responses in clams (*Ruditapes philippinarum*) exposed under controlled conditions. MARINE POLLUTION BULLETIN. 92 - 1-2, pp. 11 - 24. PERGAMON-ELSEVIER SCIENCE LTD, 15/03/2015. ISSN 1879-3363
- Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI**Impact index in year of publication:** 3.099**Position of publication:** 56**Source of citations:** WOS**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 225**Citations:** 7

- 20** Maranhão, L. A.; Garrido-Perez, M. C.; Baena-Nogueras, R. M.; Lara-Martin, P. A.; Anton-Martin, R.; DelValls, T. A.; Martin-Diaz, M. L. Are WWTPs effluents responsible for acute toxicity? Seasonal variations of sediment quality at the Bay of Cadiz (SW, Spain). ECOTOXICOLOGY. 24 - 2, pp. 368 - 380. SPRINGER, 01/03/2015. ISSN 1573-3017

**Type of production:** Scientific paper**Impact source:** ISI**Impact index in year of publication:** 2.329**Position of publication:** 81**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 225**Citations:** 11

- 21** Maranhão, L. A.; Garrido-Perez, M. C.; DelValls, T. A.; Martin-Diaz, Ni. L. Suitability of Standardized Acute Toxicity Tests for Marine Sediment Assessment: Pharmaceutical Contamination. WATER AIR AND SOIL POLLUTION. 226 - 3, SPRINGER, 01/03/2015. ISSN 0049-6979, ISSN 1573-2932

**Type of production:** Scientific paper**Impact source:** ISI**Impact index in year of publication:** 1.551**Position of publication:** 124**Impact source:** ISI**Impact index in year of publication:** 1.551**Position of publication:** 35**Impact source:** ISI**Impact index in year of publication:** 1.551**Position of publication:** 49**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 225**Category:** Science Edition - WATER RESOURCES**Journal in the top 25%:** No**No. of journals in the cat.:** 85**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 84**Citations:** 7

- 22** Maranhão, L. A.; Moreira, L. B.; Baena-Nogueras, R. M.; Lara-Martin, P. A.; DelValls, T. A.; Martin-Diaz, M. L. A Candidate Short-Term Toxicity Test Using *Ampelisca brevicornis* to Assess Sublethal Responses to Pharmaceuticals Bound to Marine Sediments. ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY. 68 - 2, pp. 237 - 258. SPRINGER, 01/02/2015. ISSN 0090-4341, ISSN 1432-0703

**Type of production:** Scientific paper**Impact source:** ISI**Impact index in year of publication:** 2.039**Position of publication:** 100**Impact source:** ISI**Impact index in year of publication:** 2.039**Position of publication:** 55**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 225**Category:** Science Edition - TOXICOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 90**Citations:** 11





- 23** Aguirre-Martinez, G. V.; Owuor, M. A.; Garrido-Perez, C.; Salamanca, M. J.; Del Valls, T. A.; Martin-Diaz, M. L. Are standard tests sensitive enough to evaluate effects of human pharmaceuticals in aquatic biota? Facing changes in research approaches when performing risk assessment of drugs. CHEMOSPHERE. 120, pp. 75 - 85. PERGAMON-ELSEVIER SCIENCE LTD, 01/02/2015. ISSN 0045-6535, ISSN 1879-1298
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.698  
**Position of publication:** 37  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 225  
**Citations:** 36
- 24** Aguirre-Martinez, G. V.; Morales-Caselles, C.; Del Valls, T. A.; Martin-Diaz, M. L. Applicative implications of *Carcinus maenas* and *Ruditapes philippinarum* in biomonitoring studies after oil spills. CHEMISTRY AND ECOLOGY. 31 - 1, pp. 77 - 91. TAYLOR & FRANCIS LTD, 02/01/2015. ISSN 0275-7540, ISSN 1029-0370
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 1.281  
**Position of publication:** 103  
**Impact source:** ISI  
**Impact index in year of publication:** 1.281  
**Position of publication:** 152  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - ECOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 150  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 225  
**Citations:** 1
- 25** Maranhão, L. A.; Baena-Nogueras, R. M.; Lara-Martin, P. A.; DelValls, T. A.; Martin-Diaz, M. L. Bioavailability, oxidative stress, neurotoxicity and genotoxicity of pharmaceuticals bound to marine sediments. The use of the polychaete *Hediste diversicolor* as bioindicator species. ENVIRONMENTAL RESEARCH. 134, pp. 353 - 365. ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/10/2014. ISSN 1096-0953
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 4.373  
**Position of publication:** 15  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 223  
**Citations:** 41
- 26** Seabra Pereira, Camilo D.; Abessa, Denis M. S.; Choueri, Rodrigo B.; Almagro-Pastor, Victor; Cesar, Augusto; Maranhão, Luciane A.; Laura Martin-Diaz, Maria; Torres, Ronaldo J.; Gusso-Choueri, Paloma K.; Almeida, Joao E.; Cortez, Fernando S.; Mozeto, Antonio A.; Silbiger, Helcy L. N.; Sousa, Eduinetty C. P. M.; Angel Del Valls, Tommas; Bainy, Afonso C. D. Ecological relevance of sentinels' biomarker responses: A multi-level approach. MARINE ENVIRONMENTAL RESEARCH. 96, pp. 118 - 126. ELSEVIER SCI LTD, 01/05/2014. ISSN 1879-0291
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.762  
**Position of publication:** 12  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 103  
**Citations:** 20



- 27** Aguirre-Martinez, G. V.; Del Valls, T. A.; Martin-Diaz, M. L. Early responses measured in the brachyuran crab *Carcinus maenas* exposed to carbamazepine and novobiocin: Application of a 2-tier approach. *ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY*. 97, pp. 47 - 58. ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/11/2013. ISSN 0147-6513
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.482  
**Position of publication:** 73  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 216  
**Citations:** 27
- 28** Silva, C.; Yanez, E.; Martin-Diaz, M. L.; Riba, I.; DelValls, T. A. Integrated ecotoxicological assessment of marine sediments affected by land-based marine fish farm effluents: physicochemical, acute toxicity and benthic community analyses. *ECOTOXICOLOGY*. 22 - 6, pp. 996 - 1011. SPRINGER, 01/08/2013. ISSN 0963-9292
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.5  
**Position of publication:** 71  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 216  
**Citations:** 7
- 29** Aguirre-Martinez, Gabriela V.; Buratti, Sara; Fabbri, Elena; DelValls, Angel T.; Laura Martin-Diaz, M. Using lysosomal membrane stability of haemocytes in *Ruditapes philippinarum* as a biomarker of cellular stress to assess contamination by caffeine, ibuprofen, carbamazepine and novobiocin. *JOURNAL OF ENVIRONMENTAL SCIENCES*. 25 - 7, pp. 1408 - 1418. SCIENCE PRESS, 01/07/2013. ISSN 1878-7320
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 1.922  
**Position of publication:** 95  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 216  
**Citations:** 48
- 30** Aguirre-Martinez, G. V.; Del Valls, T. A.; Martin-Diaz, M. Identification of biomarkers responsive to chronic exposure to pharmaceuticals in target tissues of *Carcinus maenas*. *MARINE ENVIRONMENTAL RESEARCH*. 87-88, pp. 1 - 11. ELSEVIER SCI LTD, 01/06/2013. ISSN 1879-0291
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.328  
**Position of publication:** 25  
**Source of citations:** WOS
- Format:** Journal  
**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 103  
**Citations:** 28
- 31** Aguirre-Martinez, G. V.; Buratti, S.; Fabbri, E.; Del Valls, T. A.; Martin-Diaz, M. L. Stability of lysosomal membrane in *Carcinus maenas* acts as a biomarker of exposure to pharmaceuticals. *ENVIRONMENTAL MONITORING AND ASSESSMENT*. 185 - 5, pp. 3783 - 3793. SPRINGER, 01/05/2013. ISSN 0167-6369
- Type of production:** Scientific paper  
**Impact source:** ISI
- Format:** Journal





**Impact index in year of publication:** 1.679

**Position of publication:** 107

**Source of citations:** WOS

**Category:** Science Edition - ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 216

**Citations:** 18

- 32** Silva, Claudio; Mattioli, Mattia; Fabbri, Elena; Yanez, Eleuterio; Angel DelValls, T.; Laura Martin-Diaz, M. Benthic community structure and biomarker responses of the clam *Scrobicularia plana* in a shallow tidal creek affected by fish farm effluents (Rio San Pedro, SW Spain). ENVIRONMENT INTERNATIONAL. 47, pp. 86 - 98. PERGAMON-ELSEVIER SCIENCE LTD, 15/10/2012. ISSN 0160-4120

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 6.248

**Position of publication:** 6

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 210

**Citations:** 20

- 33** Alves Maranhão, Luciane; Seabra Pereira, Camilo Dias; Choueri, Rodrigo Brasil; Cesar, Augusto; Gusso-Choueri, Paloma Kachel; Torres, Ronaldo Jose; de Souza Abessa, Denis Moledo; Morais, Rodofley Davino; Mozeto, Antonio Aparecido; Angel DelValls, Tomas; Laura Martin-Diaz, Maria. The application of biochemical responses to assess environmental quality of tropical estuaries: field surveys. JOURNAL OF ENVIRONMENTAL MONITORING. 14 - 10, pp. 2608 - 2615. ROYAL SOC CHEMISTRY, 01/10/2012. ISSN 1464-0325

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 2.085

**Position of publication:** 84

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 210

**Citations:** 11

- 34** Pereira, C. D. S.; Martin-Diaz, M. L.; Catharino, M. G. M.; Cesar, A.; Choueri, R. B.; Taniguchi, S.; Abessa, D. M. S.; Bicego, M. C.; Vasconcellos, M. B. A.; Bainy, A. C. D.; Sousa, E. C. P. M.; DelValls, T. A. Chronic contamination assessment integrating biomarkers' responses in transplanted mussels-A seasonal monitoring. ENVIRONMENTAL TOXICOLOGY. 27 - 5, pp. 257 - 267. WILEY-BLACKWELL, 01/05/2012. ISSN 1520-4081

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 2.708

**Position of publication:** 8

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - WATER RESOURCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 80

**Citations:** 24

- 35** Carballeira, C.; Ramos-Gomez, J.; Martin-Diaz, M. L.; DelValls, T. A.; Carballeira, A. Designing an integrated environmental monitoring plan for land-based marine fish farms located at exposed and hard bottom coastal areas. JOURNAL OF ENVIRONMENTAL MONITORING. 14 - 5, pp. 1305 - 1316. 01/05/2012. ISSN 1464-0325

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 2.085

**Position of publication:** 84

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 210

**Citations:** 6



- 36** Silva, C.; Yanez, E.; Martin-Diaz, M. L.; DelValls, T. A. Assessing a bioremediation strategy in a shallow coastal system affected by a fish farm culture - Application of GIS and shellfish dynamic models in the Rio San Pedro, SW Spain. *MARINE POLLUTION BULLETIN*. 64 - 4, pp. 751 - 765. PERGAMON-ELSEVIER SCIENCE LTD, 01/04/2012. ISSN 1879-3363
- Type of production:** Scientific paper **Format:** Journal
- Impact source:** ISI **Category:** Science Edition - MARINE & FRESHWATER BIOLOGY
- Impact index in year of publication:** 2.531 **Journal in the top 25%:** Yes
- Position of publication:** 17 **No. of journals in the cat.:** 100
- Source of citations:** WOS **Citations:** 13
- 37** Buratti, Sara; Ramos-Gomez, Julia; Fabbri, Elena; Angel DelValls, T.; Laura Martin-Diaz, M. Application of neutral red retention assay to caged clams (*Ruditapes decussatus*) and crabs (*Carcinus maenas*) in the assessment of dredged material. *ECOTOXICOLOGY*. 21 - 1, pp. 75 - 86. SPRINGER, 01/01/2012. ISSN 0963-9292
- Type of production:** Scientific paper **Format:** Journal
- Impact source:** ISI **Category:** Science Edition - ENVIRONMENTAL SCIENCES
- Impact index in year of publication:** 2.773 **Journal in the top 25%:** Yes
- Position of publication:** 49 **No. of journals in the cat.:** 210
- Source of citations:** WOS **Citations:** 10
- 38** Carlos Brais Carballeira; Julia Ramos Gómez; María Laura Martín Díaz; Tomás Ángel del Valls Casillas. Identification of specific malformations of sea urchin larvae for toxicity assessment: Application to marine pisciculture effluents. *MARINE ENVIRONMENTAL RESEARCH*. 77, pp. 12 - 22. (United Kingdom): ELSEVIER, 2012. Available on-line at: <10.1016/J.MARENRES.2012.01.001>.
- Type of production:** Scientific paper **Format:** Journal
- Position of signature:** 3
- Total no. authors:** 5
- Impact source:** ISI **Category:** Science Edition - MARINE & FRESHWATER BIOLOGY
- Impact index in year of publication:** 2.34 **Journal in the top 25%:** Yes
- Position of publication:** 20 **No. of journals in the cat.:** 100
- 39** Ramos-Gomez, Julia; Viguri, Javier R.; Luque, Angel; Vale, Carlos; Laura Martin-Diaz, M.; Angel DelValls, T. Sediment-Quality Assessment Using the Polychaete *Arenicola marina*: Contamination, Bioavailability, and Toxicity. *ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY*. 61 - 4, pp. 578 - 589. SPRINGER, 01/11/2011. ISSN 0090-4341
- Type of production:** Scientific paper **Format:** Journal
- Impact source:** ISI **Category:** Science Edition - ENVIRONMENTAL SCIENCES
- Impact index in year of publication:** 1.927 **Journal in the top 25%:** No
- Position of publication:** 82 **No. of journals in the cat.:** 205
- Source of citations:** WOS **Citations:** 13
- 40** Ramos-Gomez, Julia; Coz, Alberto; Viguri, Javier R.; Luque, Angel; Laura Martin-Diaz, M.; Angel DelValls, T. Biomarker responsiveness in different tissues of caged *Ruditapes philippinarum* and its use within an integrated sediment quality assessment. *ENVIRONMENTAL POLLUTION*. 159 - 7, pp. 1914 - 1922. ELSEVIER SCI LTD, 01/07/2011. ISSN 0269-7491



**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 3.746

**Position of publication:** 21

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 205

**Citations:** 33

- 41** Seabra Pereira, Camilo Dias; Laura Martin-Diaz, Maria; Zanette, Juliano; Cesar, Augusto; Choueri, Rodrigo Brasil; de Souza Abessa, Denis Moledo; Catharino, Marilia Gabriela M.; Vasconcellos, Marina B. A.; Dias Bairy, Afonso Celso; Pereira Moreira de Sousa, Eduinetty Ceci; Angel Del Valls, Tomas. Integrated biomarker responses as environmental status descriptors of a coastal zone (Sao Paulo, Brazil). ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY. 74 - 5, pp. 1257 - 1264. ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/07/2011. ISSN 0147-6513

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 2.294

**Position of publication:** 64

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 205

**Citations:** 26

- 42** Ramos-Gomez, Julia; Martins, Marta; Raimundo, Joana; Vale, Carlos; Laura Martin-Diaz, M.; Angel DelValls, T. Validation of Arenicola marina in field toxicity bioassays using benthic cages: Biomarkers as tools for assessing sediment quality. MARINE POLLUTION BULLETIN. 62 - 7, pp. 1538 - 1549. PERGAMON-ELSEVIER SCIENCE LTD, 01/07/2011. ISSN 1879-3363

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 2.503

**Position of publication:** 14

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 97

**Citations:** 25

- 43** Carlos Brais Carballeira; María Laura Martín Díaz; Tomás Ángel del Valls Casillas. Influence of salinity on fertilization and larval development toxicity tests with two species of sea urchin. MARINE ENVIRONMENTAL RESEARCH. 72 - 4, pp. 196 - 203. (United Kingdom): Elsevier, 2011. ISSN 0141-1136

**DOI:** 10.1016/J.MARENRES.2011.08.008

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 3

**Impact source:** ISI

**Impact index in year of publication:** 2.28

**Position of publication:** 18

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 97

- 44** Alla Khosrovyan; Tomás Ángel del Valls Casillas; María Laura Martín Díaz; María del Carmen Morales Caselles; Inmaculada Riba López. SQA: A software tool for integrated sediment quality evaluation based on a Weight of Evidence Approach procedure. ENVIRONMENTAL MODELLING AND SOFTWARE. 1 - 2, pp. 1483 - 1484. (United Kingdom): Elsevier, 2010. ISSN 1364-8152

**DOI:** 10.1016/J.ENVSFT.2008.12.003



**Type of production:** Scientific paper  
**Position of signature:** 3

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 2.87

**Position of publication:** 11

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Category:** Science Edition - COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 97

- 45** Laura Martin-Diaz, M.; Gagne, Francois; Blaise, Christian. The use of biochemical responses to assess ecotoxicological effects of Pharmaceutical and Personal Care Products (PPCPs) after injection in the mussel *Elliptio complanata*. ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY. 28 - 2, pp. 237 - 242. ELSEVIER SCIENCE BV, 01/09/2009. ISSN 1382-6689

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 1.293

**Position of publication:** 111

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 181

**Citations:** 46

- 46** Maranhão, L. A.; Aguirre-Martinez, G. V.; Martin-Diaz, M. L. Adverse Effects of Pharmaceutical Products in the Marine Environment: The Use of Non-target Species to Evaluate Water and Sediment Matrices. ECOTOXICOLOGY AND GENOTOXICOLOGY: NON-TRADITIONAL AQUATIC MODELS. 33, pp. 33 - 47. ROYAL SOC CHEMISTRY, 01/01/2017. ISSN 1757-7179, ISBN 978-1-78262-781-4, ISBN 978-1-78262-988-7

**Type of production:** Book chapter

**Source of citations:** WOS

**Format:** Book

**Citations:** 0

- 47** Hampel, M.; Blasco, J.; Martin Diaz, M. L. Biomarkers and Effects. MARINE ECOTOXICOLOGY: CURRENT KNOWLEDGE AND FUTURE ISSUES. pp. 121 - 165. ACADEMIC PRESS LTD-ELSEVIER SCIENCE LTD, 01/01/2016. ISBN 978-0-12-803371-5, ISBN 978-0-12-803372-2

**Type of production:** Book chapter

**Source of citations:** WOS

**Format:** Book

**Citations:** 0

## Other achievements

### Stays in public or private R&D centres

- 1** **Entity:** Woods Hole Oceanographic Institution **Type of entity:** Organismo privado de investigación  
**City of entity:** Woods Hole, United States of America  
**Start-End date:** 01/06/2016 - 30/09/2016 **Duration:** 4 months  
**Name of programme:** Programa de Movilidad Salvador Madariaga. Becaria de la Fundación Fulbright.  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Determinación de biomarcadores moleculares en cnidarios
- 2** **Entity:** INTERDEPARTMENT CENTRE FOR ENVIRONMENTAL SCIENCES RESEARCH (CIRSA) **Type of entity:** University  
**City of entity:** Ravenna, Italy  
**Start-End date:** 01/05/2011 - 31/08/2011



**Name of programme:** Programa de Movilidad José Castillejo. Ministerio de Educación y Ciencia

**Goals of the stay:** Post-doctoral

**Provable tasks:** Determinación de biomarcadores moleculares en moluscos bivalvos