



Amalia Muñoz Cintas

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Date of document: 08/03/2024

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.

I got my PhD degree in the University of Valencia in 2001, with the thesis entitled “Reduction of waste and emissions in the furniture industry” funded through a grant from the Spanish Ministry of Science, obtaining the highest qualification and “cum laude”. Part of the work of this thesis was carried out in the private sector. After that, I worked in the environmental department of the Technological Institute of Wood and Furniture until 2002, when I obtained a postdoctoral grant from the “Torres Quevedo” call funded by the Spanish Ministry of Science to work at the Atmospheric Chemistry Department from the Mediterranean Center for Environmental Studies (CEAM). After that period, I continued working there as a Senior Researcher. My main scientific studies were related to gas-phase reactions (reactions with OH radicals, ozone, light and NO₃ radicals), relevant to photooxidant formation, including gas and particulate phase using EUPHORE (European PHOto-Reactor), one of the biggest outdoor atmospheric simulation chambers worldwide for studying atmospheric chemistry processes equipped with state of the art instrumentation. In 2009, I became the head of the Atmospheric Chemistry group and coordinator of the EUPHORE facility (EUPHORE). This facility is nowadays part of the Aerosol, Clouds and Trace Gases Research Infrastructure (ACTRIS). (<https://www.actris.eu/>). I maintain an active international collaboration. I am author of more than 50 publications, in peer review journals of high impact and chapter books, most of them with international collaboration (>70%).

I have been the PI of several EU funded projects from FP programs (e.g FP7-228335, FP7-GA-2011-295132, FP6-505968, H2020 Eurochamp2020 (GA730997), ATRIS IMP GA 871115 related to the use of Research Infrastructures for studying atmospheric chemical processes, and coordinator of two projects from EU LIFE+ programs (LIFE13 ENV/ES/000603, LIFE17 ENV/ES/000205. The last one is still in course, and it is related to the reduction of environmental contamination of pesticides and their metabolites, including air.

Nowadays I am also the PI of one H2020 project, ATMO-ACCESS (GA 101008004). ATMO-ACCESS is the organized response of distributed atmospheric research facilities for developing a pilot for a new model of Integrating Activities. The project will deliver a series of recommendations for establishing a comprehensive and sustainable framework for access to distributed atmospheric Research Infrastructures ensuring integrated access to and optimised use of the services they provide. I am the Spanish National contact Point of ACTRIS-ERIC

In addition, I have been the PI of 4 projects from the national calls, CGL2013-49093-C2-1-R, CGL2010-18474/CLI, CGL2007-65223/CLI and RTI 2018-097768B-C21). 3 of these projects were related to atmospheric behaviour of pesticides, and the last one was devoted to study secondary pollutants formed in the atmosphere in urban conditions. I have been also a research member of the national network of excellence ACTRIS-SPAIN (CGL2017-90884-REDT) and RED ESPAÑOLA DE DMAS AMBIENTALES (RED2018-102594-T).

I have been also a researcher of 3 projects from the Valencia Regional Government for Research Groups of excellence, being the PI of one of them (Prometeo/2019/110). The main objectives of these projects were understanding and validating the mechanisms and derived feedbacks of the mesoscale meteorological phenomena and their relationship with the water



regime, the air quality in the double perspective of the climate change and its impact on human health and vegetation, and the management of forest ecosystems in the context of climate change and associated disturbances. These three projects involved an important step-forward in understanding the environmental processes concerning the Valencian Region.

Additionally, I have been the responsible of several contracts with Industry (e.g: DowAgroSciences, ADAMA Agricultural Solutions, Aerosol d.o.o, Blue Industry, ,etc), and Local and Regional Public Authorities, and have participated and coordinated different field campaigns for measuring different type of pollutants (i.e: VOCs, NO₂, NH₃, O₃, etc)

I have organized several international workshops and international experimental campaigns with the participation of more than 300 international researchers.

I am also an associate researcher of the "Air Pollution Unit 2" CEAM as Associated Unit R +D+i to the Spanish National Research Council (CSIC), and the responsible researcher from CEAM of the "Atmospheric Pesticide Research Group" of Valencia.

I have been the tutor of several internships, mainly students from USA Universities, through EUROACE, and have acted as host of several PhD students from other institutions. I have supervised 1 doctoral thesis, with maximum qualification, and supervising two more and I have been the tutor of one "Juan de la Cierva -formación.



Amalia Muñoz Cintas

Surname(s): **Muñoz Cintas**
Name: **Amalia**
ORCID: **0000-0002-3618-7327**
ScopusID: **7401864440**
ResearcherID: **O-8140-2018**
Contact aut. region/reg.: **Valencian Community**

Current professional situation

Employing entity: Fundación Centro de Estudios Ambientales del Mediterráneo

Department: Fundacion Centro de Estudios Ambientales del Mediterráneo

Professional category: Investigadora Senior. Coordinadora de area

Start date: 31/05/2009

Type of contract: Permanent employment contract **Dedication regime:** Full time

Primary (UNESCO code): 250105 - Atmospheric chemistry

Secondary (UNESCO code): 250902 - Air pollution

Employing entity: Fundación Centro de Estudios Ambientales del Mediterráneo

Department: Química Atmosférica, Fundacion Centro de Estudios Ambientales del Mediterráneo

Professional category: Investigador Senior

City employing entity: Avda Charles Darwin 14. Parque Tecnológico de Valencia,

Phone: : 96 131 82 27

Fax: 96 131 81 90

Email: amalia@ceam.es

Start date: 01/09/2002

Type of contract: Permanent employment contract **Dedication regime:** Full time

Primary (UNESCO code): 250105 - Atmospheric chemistry; 250902 - Air pollution; 330801 - Air pollution control

Previous positions and activities

	Employing entity	Professional category	Start date
1	Instituto tecnológico del mueble y afines	Becario de especialización profesional ADEIT/AIDIMA	2001
2	Instituto tecnológico del mueble y afines	Becario FPI para la realización de la Tesis Doctoral AIDIMA	1997
3	Universidad de Valencia. Departamento Química Orgánica 1993,	Becario de colaboración	1993
4	Instituto tecnológico del mueble y afines	Técnico Superior	2002

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Employing entity: Instituto tecnológico del mueble y afines

Professional category: Becario de especialización profesional ADEIT/AIDIMA

Start-End date: 2001 - 2001

Type of entity: Associations and Groups

2 **Employing entity:** Instituto tecnológico del mueble y afines

Professional category: Becario FPI para la realización de la Tesis Doctoral AIDIMA

Start-End date: 1997 - 2001

Type of entity: Associations and Groups

3 **Employing entity:** Universidad de Valencia. Departamento Química Orgánica 1993,

Professional category: Becario de colaboración

Start-End date: 1993 - 1994

Type of entity: University Department

4 **Employing entity:** Instituto tecnológico del mueble y afines

Professional category: Técnico Superior

Start date: 2002

Type of entity: Associations and Groups



Education

University education

Doctorates

Doctorate programme: Dr. Ciencias Químicas

Degree awarding entity: Universitat de València

Date of degree: 2001

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	A2	B1			
English	C1	C2	C1	B2	B2
Catalan	C2	C2	B1	B1	B2

Teaching experience

Experience supervising doctoral thesis and/or final year projects

- Project title:** Cinètiques i mecanismes de la degradació atmosfèrica d'alguns pesticides

Type of project: Doctoral thesis

Entity: Universitat de València **Type of entity:** University

Student: Teresa Vera Espallardo

Obtained qualification: Sobresaliente Cum Laude

Date of reading: 09/02/2016
- Project title:** Desarrollo de técnicas analíticas para la determinación de compuestos polifuncionales (-OH, -CO, -COOH) en aire, mediante SPME con derivatización y análisis por GC-MS. Aplicación: Estudio de mecanismos de reacción de la degradación atmosférica de compuestos de interés.

Type of project: Work leading to an ASD

Entity: Universidad Jaime I **Type of entity:** University

Student: Montserrat Raro Macián

Date of reading: 2011

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:** Extreme events affecting the Valencia Region: Heat Waves, droughts, megafires and air pollution (ever)
Entity where project took place: Fundación Centro **Type of entity:** Innovation and Technology Centres de Estudios Ambientales del Mediterráneo
Name principal investigator (PI, Co-PI....): Muñoz
Nº of researchers: 12
Funding entity or bodies:
Generalitat Valenciana **Type of entity:** Regional Government
Start-End date: 01/01/2023 - 31/12/2026
Total amount: 600.000 €
- 2** **Name of the project:** Understanding the atmospheric chemistry of biomass burning emissions (ATMOBE)
Entity where project took place: Fundación Centro **Type of entity:** Innovation and Technology Centres de Estudios Ambientales del Mediterráneo
City of entity: Paterna (Valencia), Spain
Name principal investigator (PI, Co-PI....): Amalia Muñoz
Nº of researchers: 8
Funding entity or bodies:
Agencia Estatal de Investigación **Type of entity:** Ministerio de Ciencia e Innovación
City funding entity: Spain
Start-End date: 01/09/2023 - 31/08/2026
Total amount: 168.750 €
- 3** **Name of the project:** Solutions for Sustainable Access to Atmospheric Research Facilities (ATMO-ACCESS)
Geographical area: European Union
Funding entity or bodies:
European Commission. H2020 Programm
Type of participation: Principal investigator
Name of the programme: H2020
Code according to the funding entity: 101008004
Start-End date: 01/04/2021 - 31/03/2025
Total amount: 14.999.949,75 €
- 4** **Name of the project:** Aerosol, Clouds and Trace Gases Research Infrastructure Implementation Project
Nº of researchers: 40
Funding entity or bodies:
European Commission
Start-End date: 01/01/2020 - 31/12/2023

**5 Name of the project:** Pesticide reduction using friendly and environmentally controlled technologies**Type of project:** Demonstration, pilot projects, conceptual formulations and design of processes and services**Geographical area:** European Union**Degree of contribution:** Coordinator of total project, network or consortium**Entity where project took place:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**Nº of researchers:** 10**Nª people/year:** 1,8**Funding entity or bodies:**

CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA

Type of entity: Associations and Groups**Type of participation:** Co-ordinator**Name of the programme:** LIFE**Code according to the funding entity:** LIFE17 ENV/ES/000205**Start-End date:** 01/09/2018 - 31/08/2023**Participating entity/entities:** FUNDACION PARA EL FOMENTO DE LA INVESTIGACION SANITARIA Y BIOMEDICA EN LA COMUNITAT VALENCIANA; Federació de cooperatives agroalimentaries de la Comunitat Valenciana; Fundación Centro de Estudios Ambientales del Mediterráneo; Institut français de le vigne et du vin; Instituto Valenciano de Investigaciones Agrarias ; SOCIEDAD EUROPEA DE ANALISIS DIFERENCIAL DE MOVILIDAD, S.L; Universitat Politècnica de Catalunya; Università de Torino**Total amount:** 2.017.669 €**Sub-project amount:** 400.284 €**Percentage as grant:** 60**6 Name of the project:** Impactos del cambio global en la cuenca Mediterránea occidental: Metereología, contaminación atmosférica y ecosistemas forestales (IMAGINA)**Degree of contribution:** Coordinator of total project, network or consortium**Entity where project took place:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**City of entity:** Valencian Community, Spain**Name principal investigator (PI, Co-PI....):** Amalia Muñoz Cintas**Nº of researchers:** 12**Type of participation:** Principal investigator**Name of the programme:** Poyectos de I+D+i para grupos de investigación de excelencia (Prometeu 2019)**Code according to the funding entity:** PROMETEU/2019/110**Start-End date:** 01/01/2019 - 31/12/2022**Duration:** 4 years**Total amount:** 355.716 €**Applicant's contribution:** Coordinación del proyecto**7 Name of the project:** Analysis of emission-driven changes in the oxidation capacity of the atmosphere over Europe.**Degree of contribution:** Coordinator of total project, network or consortium**Entity where project took place:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**Name principal investigator (PI, Co-PI....):** A. Muñoz; E. Borrás**Nº of researchers:** 4**Funding entity or bodies:**

Ministerio de Ciencia e Innovación. Investigación

Type of entity: .**City funding entity:** Madrid, Community of Madrid, Spain**Type of participation:** Co-ordinator**Name of the programme:** Programa Estatal de I+D+i orientada a los Retos de la Sociedad



Code according to the funding entity: RTI2018-097768-B-C21

Start-End date: 01/01/2019 - 30/12/2022

Total amount: 130.000 €

Dedication regime: Full time

8 Name of the project: Red Española de DMAs Ambientales 2020 (REDMAAS2020)

Nº of researchers: 9

Funding entity or bodies:

CENTRO DE ACUSTICA APLICADA Y
EVALUACION NO DESTRUCTIVA

Type of entity: Associations and Groups

Name of the programme: ACCIONES DE DINAMIZACIÓN "REDES DE EXCELENCIA

Code according to the funding entity: RED2018!102594!T

Start-End date: 01/01/2020 - 31/12/2021

Total amount: 26.000 €

9 Name of the project: Integration of European Simulation Chambers for Investigating Atmospheric Processes – Towards 2020 and beyond

Degree of contribution: Scientific coordinator

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Name principal investigator (PI, Co-PI....): en España: Dr. Amalia Muñoz

Nº of researchers: 14

Funding entity or bodies:

Unión Europea.

Type of participation: Principal investigator

Name of the programme: H2020

Code according to the funding entity: 730997

Start-End date: 01/12/2016 - 31/08/2021

Duration: 4 years

Participating entity/entities: Forschungszentrum Jülich, Institut für Chemie und Dynamik der Geosphäre, Institut II: Troposphäre; Fundación Centro de Estudios Ambientales de Mediterráneo, Valencia; Paul-Scherrer-Institut, Labor für Atmosphärische Chemie, Villigen Forschungszentrum Karlsruhe, Institut für Meteorologie und Klimaforschung; University College Cork, Chemistry Department, Centre for Research into Atmospheric Chemistry; University of Leeds, School of Chemistry, Centre for Atmospheric Science; Universität Wuppertal

Total amount: 8.941.290 €

Sub-project amount: 627.649 €

10 Name of the project: Aerosoles, Nubes y Gases Traza ACTRIS-ESPAÑA

Nº of researchers: 10

Name of the programme: ACCIONES DE DINAMIZACIÓN "REDES DE EXCELENCIA

Code according to the funding entity: CGL2017-90884-REDT

Start-End date: 01/01/2018 - 31/12/2019

11 Name of the project: Desarrollo de estrategias de respuesta al cambio global en condiciones mediterráneas - DESESTRÉS

Degree of contribution: Researcher

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Nº of researchers: 5

Funding entity or bodies:

Generalitat Valenciana

Type of entity: Conselleria d'Educació

City funding entity: Valencia, Valencian Community, Spain



Name of the programme: Programa Prometeo para grupos de Investigación de Excelencia

Code according to the funding entity: Prometeo II/2014/038

Start-End date: 01/01/2014 - 31/12/2017

- 12** **Name of the project:** Impacto de Plaguicidas de uso habitual, y de sus productos de degradación en la atmósfera. Contaminación secundaria, sensores y niveles de exposición
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Scientific coordinator
Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo **Type of entity:** Innovation and Technology Centres
Name principal investigator (PI, Co-PI....): A. Muñoz
Nº of researchers: 5
Funding entity or bodies: Ministerio de economía y competitividad
Type of participation: Co-ordinator
Name of the programme: Programa de I+D+i orientada a los retos de la sociedad 2013
Code according to the funding entity: CGL2013-49093-C2-1-R
Start-End date: 01/01/2014 - 31/12/2017 **Duration:** 3 years
Total amount: 124.000 €
Dedication regime: Full time
- 13** **Name of the project:** Air pollution treatment in Eurorpean environments by means of photocatalytic textiles
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services **Geographical area:** European Union
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo **Type of entity:** Innovation and Technology Centres
Name principal investigator (PI, Co-PI....): A. Muñoz
Nº of researchers: 5
Funding entity or bodies: CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA **Type of entity:** Associations and Groups
Type of participation: Co-ordinator
Name of the programme: LIFE+ 2013
Code according to the funding entity: Life13 ENV/ES/000603
Start-End date: 01/07/2014 - 30/06/2017
Participating entity/entities: ASOCIACIÓN DE INVESTIGACIÓN DE LA INDUSTRIA TEXTIL; Ayuntamiento Quart de Poblet; Legambiente Emilia Romagna; Next Technology Tecnotessile Società Nazionale di Ricerca r. l.
Total amount: 1.297.105 €
Percentage as grant: 50
Dedication regime: Full time
- 14** **Name of the project:** Integration of European Simulation Chambers for Investigating atmospheric processes II. Cofinanciación del Proyecto Eurochamp II
Type of project: Research and development, including transfer
Degree of contribution: Scientific coordinator
Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo **Type of entity:** Innovation and Technology Centres



Name principal investigator (PI, Co-PI....): en España: Dr. Amalia Muñoz

Nº of researchers: 1

Funding entity or bodies:

Unión Europea.

Name of the programme: ayudas para grupos de investigación de calidad contrastada, ayudas complementarias para proyectos de I+D para el ejercicio 2013

Code according to the funding entity: ACOMP/2013/111

Start-End date: 01/01/2013 - 31/12/2013

Duration: 1 year

Total amount: 6.557.008 €

Sub-project amount: 890 €

15 Name of the project: Integration of European Simulation Chambers for Investigating atmospheric processes II. Cofinanciación del Proyecto Eurochamp II

Type of project: Research and development, including transfer

Degree of contribution: Scientific coordinator

Entity where project took place: Fundación Centro **Type of entity:** Innovation and Technology Centres de Estudios Ambientales del Mediterráneo

Name principal investigator (PI, Co-PI....): en España: Dr. Amalia Muñoz

Nº of researchers: 1

Funding entity or bodies:

Unión Europea.

Name of the programme: ayudas para grupos de investigación de calidad contrastada, ayudas complementarias para proyectos de I+D para el ejercicio 2013

Code according to the funding entity: ACOMP/2013/111

Start-End date: 01/01/2013 - 31/12/2013

Duration: 1 year

Total amount: 6.557.008 €

Sub-project amount: 890 €

16 Name of the project: Integration of European Simulation Chambers for Investigating atmospheric processes II (EUROCHAMP II)

Degree of contribution: Scientific coordinator

Entity where project took place: Fundación Centro **Type of entity:** Innovation and Technology Centres de Estudios Ambientales del Mediterráneo

Name principal investigator (PI, Co-PI....): en España: Dr. Amalia Muñoz

Nº of researchers: 14

Funding entity or bodies:

Unión Europea.

Name of the programme: FP7

Code according to the funding entity: 228335

Start-End date: 05/2009 - 31/12/2013

Duration: 3 years - 11 months

Participating entity/entities: Centre National de la Recherche Scientifique (CNRS-LCSR), Orleans; Forschungszentrum Jülich, Institut für Chemie und Dynamik der Geosphäre, Institut II: Troposphäre; Fundación Centro de Estudios Ambientales de Mediterráneo, Valencia; Joint Research Centr Institute for Environment and Sustainability, Ispra; Paul-Scherrer-Institut, Labor für Atmosphärische Chemie, Villigen Forschungszentrum Karlsruhe, Institut für Meteorologie und Klimaforschung; SP Swedish National Testing and Research Institute, Borås; University College Cork, Chemistry Department, Centre for Research into Atmospheric Chemistry; University of Leeds, School of Chemistry, Centre for Atmospheric Science; Universität Bayreuth, Institut für Atmosphärische Aerosolchemie am BITOEK; Universität Wuppertal

Total amount: 6.557.008 €

17 Name of the project: Vulnerabilidad de la Cuenca Mediterránea al cambio global. Estrategias de respuesta: Adaptación, Mitigación y Restauración (FEEDBACKS)

Type of project: Basic research (including archaeological digs, etc)

Degree of contribution: Researcher

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Nº of researchers: 10

Funding entity or bodies:

Generalitat Valenciana

Type of entity: DIRECCIÓ GENERAL DE POLÍTICA CIENTÍFICA

City funding entity: Valencia, Valencian Community, Spain

Name of the programme: PROGRAMA PROMETEO PARA GRUPOS DE INVESTIGACIÓN DE EXCELENCIA (PROMETEO 2009)

Code according to the funding entity: PROMETEO/2009/006

Start-End date: 01/01/2009 - 31/12/2013

18 Name of the project: Multidisciplinary research consortium on gradual and abrupt climate changes and the impact on the environment GRACCIE. CSD2007-00067

Type of project: Research and development, including transfer

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Name principal investigator (PI, Co-PI....): Joan Grimalt

Nº of researchers: 126

Funding entity or bodies:

Ministerio de Educación y Ciencia. Acción Consolider Ingenio

Type of entity: State agency

Type of participation: Others

Name of the programme: Consolider-Ingenio

Code according to the funding entity: CSD2007-00067

Start-End date: 2007 - 31/12/2013

Duration: 5 years

Participating entity/entities: Centro de Estudios Avanzados de Blanes; CSIC; Fundación CEAM; IJA-CSIC; IP; Universitat de Barcelona; UNICAN

Total amount: 5.000.000 €

Dedication regime: Part time

19 Name of the project: ADQUISICION Y MEJORA DE TÉCNICAS INSTRUMENTALES PARA LA INVESTIGACIÓN DE LOS PROCESOS QUÍMICOS ATMOSFÉRICOS EN CÁMARAS DE SIMULACIÓN. APLICACIÓN AL ESTUDIO DEL IMPACTO DE LAS EMISIONES DE COMPUESTOS ORGÁNICOS VOLÁTILES SOBRE LA CALIDAD DEL AIRE

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

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

City of entity: Valencian Community, Spain

Nº of researchers: 1

Type of participation: Co-ordinator

Name of the programme: ACTUACIONES DE INFRAESTRUCTURAS REALIZADAS EN PARQUES CIENTÍFICOS Y TECNOLÓGICOS

Code according to the funding entity: PCT-440000-2010-3

Start-End date: 01/01/2010 - 31/12/2012

Total amount: 242.200 €

Sub-project amount: 242.200 €

Percentage as grant: 75

Percentage as credit: 25

- 20** **Name of the project:** Impacto de pesticidas en la atmosfera: Niveles en aire y agua de lluvia. Cinéticas y degradación en aire (IMPESTAT)
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Fundación Centro **Type of entity:** Innovation and Technology Centres de Estudios Ambientales del Mediterráneo
Nº of researchers: 4
Funding entity or bodies:
Ministerio de Ciencia e Innovación CGL2010-18474/CLI
Type of participation: Co-ordinator
Start-End date: 01/01/2011 - 31/12/2011
Participating entity/entities: CEAM (España); CNRS-ICARE (Francia); Laboratorio de Salud Pública Consellería de Sanidad de la Generalitat Valenciana (España); Universidad del Leeds (Reino Unido)
Total amount: 12.000 €
Dedication regime: Full time
- 21** **Name of the project:** Desarrollo de nuevas estrategias de captación y análisis de los plaguicidas y sus metabolitos en aire
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Researcher
Entity where project took place: FUNDACION PARA EL FOMENTO DE LA INVESTIGACION SANITARIA Y BIOMEDICA EN LA COMUNITAT VALENCIANA
Name principal investigator (PI, Co-PI....): Vicent Yusá Pelechá
Nº of researchers: 6
Name of the programme: Ayudas para el desarrollo de proyectos de investigación para grupos de investigación consolidados
Code according to the funding entity: UGP-15-250
Start date: 01/05/2016
Total amount: 26.314 €
- 22** **Name of the project:** Ayudas a grupos de investigación de calidad contrastada, Programa Gerónimo Forteza, para la contratación de personal de apoyo en centros de investigación de la Comunitat Valenciana. Proyecto Eurochamp II
Entity where project took place: Fundación Centro **Type of entity:** Innovation and Technology Centres de Estudios Ambientales del Mediterráneo
Nº of researchers: 1
Funding entity or bodies:
Generalitat Valenciana **Type of entity:** Direcció General d'Universitat, Estudis Superiors i Ciència
City funding entity: Valencia, Valencian Community, Spain
Name of the programme: ayudas a grupos de investigación de calidad contrastada, Programa Gerónimo Forteza, para la contratación de personal de apoyo en centros de investigación de la Comunitat Valenciana
Code according to the funding entity: FPA/2013/A/073
Start date: 2013
Sub-project amount: 9.300 €
- 23** **Name of the project:** Fate and Impact of atmospheric Pollutants
Geographical area: European Union
Degree of contribution: Scientific coordinator
Entity where project took place: Fundación Centro **Type of entity:** Innovation and Technology Centres de Estudios Ambientales del Mediterráneo



Name principal investigator (PI, Co-PI....): en España: Dr. Amalia Muñoz

Funding entity or bodies:

Unión Europea.

Name of the programme: FP7-PEOPLE-2011-IRSES

Code according to the funding entity: PIRSES-GA-2011-295132

Start date: 02/2012

Duration: 4 years

Participating entity/entities: CNRS, Universität Wuppertal; Forschungszentrum Jülich, Institut für Chemie und Dynamik der Geosphäre, Institut II: Troposphäre; Fundación Centro de Estudios Ambientales de Mediterráneo, Valencia; Leibniz Institut fuer Troposphärenforschung, Universite de Bordeaux I, (UB1), Peking University, (PKU), Chinese Research Academy of Environmental Sciences, (CRAES), Karlsruher Institut fuer Technolo

Total amount: 926.000 €

Sub-project amount: 86.000 €

Applicant's contribution: Coordinator: Abdelwahid Mellouki (CNRS)

- 24 Name of the project:** Ayudas a grupos de investigación de calidad contrastada, Programa Gerónimo Forteza, para la formación de personal de apoyo en centros de investigación de la Comunitat Valenciana. Proyecto ECOPEST

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Nº of researchers: 1

Funding entity or bodies:

Generalitat Valenciana

Type of entity: Direcció General d'Universitat, Estudis Superiors i Ciència

City funding entity: Valencia, Valencian Community, Spain

Name of the programme: ayudas a grupos de investigación de calidad contrastada, Programa Gerónimo Forteza, para la contratación de personal de apoyo en centros de investigación de la Comunitat Valenciana

Code according to the funding entity: FPA/2010/060

Start date: 2010

Sub-project amount: 9.200 €

- 25 Name of the project:** Control de Pesticidas en la Atmósfera de la Comunidad Valenciana

Type of project: Basic research (including archaeological digs, etc)

Degree of contribution: Researcher

Entity where project took place: Generalitat Valenciana

Type of entity: Publica

Name principal investigator (PI, Co-PI....): Dr. Vicent Yusa

Nº of researchers: 4

Funding entity or bodies:

Generalitat Valenciana

Type of entity: publica

City funding entity: Valencia, Valencian Community, Spain

Type of participation: Others

Start date: 01/2009

Duration: 12 months

Participating entity/entities: Fundación Centro de Estudios Ambientales de Mediterráneo; Laboratorio de Salud Pública (Generalitat Valenciana); Universitat de València; Valencia

Total amount: 4.400 €

Dedication regime: Part time

- 26 Name of the project:** Ayudas a grupos de investigación de calidad contrastada, Programa Gerónimo Forteza, para la formación de personal de apoyo en centros de investigación de la Comunitat Valenciana. Proyecto Eurochamp

Type of entity: Innovation and Technology Centres



Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Nº of researchers: 1

Funding entity or bodies:

Generalitat Valenciana

Type of entity: Direcció General d'Universitat, Estudis Superiors i Ciència

City funding entity: Valencia, Valencian Community, Spain

Name of the programme: ayudas a grupos de investigación de calidad contrastada, Programa Gerónimo Forteza, para la contratación de personal de apoyo en centros de investigación de la Comunitat Valenciana

Code according to the funding entity: FPA/2009/041

Start date: 2009

Sub-project amount: 9.200 €

27 Name of the project: Estudio de la Persistencia en aire de pesticidas y sus productos de degradación en diferentes zonas de la Comunidad Valenciana

Identify key words: Atmospheric and environmental chemistry; Control of pesticides

Identify key words: Atmospheric and environmental chemistry; Control of pesticides

Type of project: Basic research (including archaeological digs, etc)

Geographical area: Regional

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

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Name principal investigator (PI, Co-PI....): Dr. Amalia Muñoz

Nº of researchers: 3

Name of the programme: Salud

Code according to the funding entity: A-06/08

Start date: 01/2008

Duration: 12 months

Participating entity/entities: Fundación Centro de Estudios Ambientales de Mediterráneo; Valencia

Total amount: 6.000 €

Sub-project amount: 6.000 €

Dedication regime: Part time

28 Name of the project: Atmospheric Fate and Impact of Pesticides (AFIP)

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Name principal investigator (PI, Co-PI....): en España: Dr. Mª Jose Sanz/ : Dr. Amalia Muñoz

Nº of researchers: 4

Funding entity or bodies:

INTERREG IIIC. RFO Perspective2007-2013. Project part-financed by the European Union

Start date: 01/2007

Duration: 1 year - 2 months

Participating entity/entities: Consellería de Sanidad. Generalitat Valenciana; Fundación Centro de Estudios Ambientales de Mediterráneo, Valencia. Centre National de la Recherche Scientifique (CNRS-LCSR), Orleans

Total amount: 65.187,73 €

29 Name of the project: Degradación de los pesticidas de uso más común en la

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Name principal investigator (PI, Co-PI....): Dr. Amalia Muñoz

Nº of researchers: 4

Funding entity or bodies:

Generalitat Valenciana. Consellería D'empresa



Uniuersitat i Ciencia. Referencia: GV/2007/257

Start date: 01/2007

Duration: 1 year - 11 months

Participating entity/entities: Fundación Centro de Estudios Ambientales de Mediterráneo; Valencia

Total amount: 25.305 €

30 Name of the project: Estudio del comportamiento atmosférico de pesticidas

Identify key words: Atmospheric and environmental chemistry; Control of pesticides

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

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

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Name principal investigator (PI, Co-PI....): Dr. Amalia Muñoz

Nº of researchers: 4

Funding entity or bodies:

Ministerio de Educación y Ciencia.

Type of entity: State agency

Type of participation: Co-ordinator

Name of the programme: Plan Nacional

Code according to the funding entity: CGL2007-65223/CLI

Start date: 2007

Duration: 3 years

Participating entity/entities: Fundación Centro de Estudios Ambientales de Mediterráneo; Valencia

Total amount: 45.000 €

Sub-project amount: 45.000 €

Dedication regime: Full time

31 Name of the project: Integration of European Simulation Chambers for Investigating atmospheric processes (EUROCHAMP) (cofinanciación del proyecto EUROCHAMP)

Type of project: Research and development, including transfer

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

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Name principal investigator (PI, Co-PI....): Dr. Amalia Muñoz

Nº of researchers: 1

Funding entity or bodies:

Ministerio Educación y Ciencia. Referencia: GGL2007-298883-E/CLI

Type of entity: State agency

Type of participation: Co-ordinator

Code according to the funding entity: GGL2007-298883-E/CLI

Start date: 2007

Duration: 1 year

Participating entity/entities: Fundación CEAM

Total amount: 10.000 €

Sub-project amount: 10.000 €

Dedication regime: Full time

32 Name of the project: Integration of European Simulation Chambers for Investigating atmospheric processes (EUROCHAMP)

Geographical area: European Union

Degree of contribution: Scientific coordinator

Entity where project took place: Fundación Centro de Estudios Ambientales del Mediterráneo

Type of entity: Innovation and Technology Centres

Name principal investigator (PI, Co-PI....): Peter Wiesen; en España: Dr. Amalia Muñoz

Nº of researchers: 11

Funding entity or bodies:

Unión Europea

Type of participation: Others**Name of the programme:** FP6**Code according to the funding entity:** FP-505968**Start date:** 2004**Duration:** 6 years

Participating entity/entities: Centre National de la Recherche Scientifique (CNRS-LCSR), Orleans; Forschungszentrum Jülich, Institut für Chemie und Dynamik der Geosphäre, Institut II: Troposphäre; Fundación Centro de Estudios Ambientales de Mediterráneo, Valencia; Joint Research Centre Institute for Environment and Sustainability, Ispra; Paul-Scherrer-Institut, Labor für Atmosphärische Chemie, Villigen; Forschungszentrum Karlsruhe, Institut für Meteorologie und Klimaforschung; SP Swedish National Testing and Research Institute, Borås; University College Cork, Chemistry Department, Centre for Research into Atmospheric Chemistry; University of Leeds, School of Chemistry, Centre for Atmospheric Science; Universität Bayreuth, Institut für Atmosphärische Aerosolchemie am BITOEK; Universität Wuppertal

Total amount: 4.500.000 €**Dedication regime:** Part time

- 33 Name of the project:** Técnicas de oxidación avanzadas para el tratamiento de disolventes orgánicos en la sección de acabado en el sector del mueble y afines

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services

Geographical area: Regional**Degree of contribution:** Current university student

Entity where project took place: Instituto tecnológico del mueble y afines

Type of entity: Associations and Groups**Name principal investigator (PI, Co-PI....):** Dr. Manuel Belanche**Nº of researchers:** 4**Funding entity or bodies:**

IMPIVA

Type of entity: Technological Centre**City funding entity:** Valencian Community, Spain**Type of participation:** Others**Start date:** 01/01/1997**Duration:** 2 years - 11 months - 30 days**Participating entity/entities:** AIDIMA; Instituto tecnológico del mueble y afines; Universitat de València

- 34 Name of the project:** Desarrollo de un sistema experto para el proceso de acabado de mobiliario

Entity where project took place: Instituto tecnológico del mueble y afines

Type of entity: Associations and Groups**Name principal investigator (PI, Co-PI....):** Dr. Vicent Sanz i Persiva**Funding entity or bodies:**

Universitat de València. (Aplicació pressupostària 683.6 Codi 1661)

Start date: 1996**Participating entity/entities:** Universitat de València

- 35 Name of the project:** Estudio de la reactividad y procesos catalíticos homogéneos y heterogéneos en complejos con ligando tiocarboxílicos

Type of project: Basic research (including archaeological digs, etc)**Degree of contribution:** Current university student

Entity where project took place: Universitat de València

Type of entity: University**Funding entity or bodies:**

DGICYT (Dirección General de Investigación Científica y Técnica)



Type of participation: Others

Start date: 1992

Duration: 4 years

Participating entity/entities: Universitat de València

Dedication regime: Part time

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

1 Name of the project: Evaluación de la Contribución de la Actividad del Puerto de Valencia a los Niveles de Contaminación del Aire

Degree of contribution: Researcher

Nº of researchers: 5

Funding entity or bodies:

AUTORIDAD PORTUARIA DE VALENCIA MOPT

Start date: 2021

Duration: 1 year - 6 months

Total amount: 50.000 €

2 Name of the project: monitorización y valoración de la evolución de la calidad del aire en el ámbito de influencia de las modificaciones efectuadas en el tránsito viario por la calle La Paz, Plaza de la Reina y Plaza del Ayuntamiento de Valencia

Degree of contribution: Researcher

Nº of researchers: 5

Start date: 2021

Total amount: 120.000 €

3 Name of the project: Medida del efecto descontaminante en entorno urbano

Degree of contribution: Scientific coordinator

Nº of researchers: 5

Funding entity or bodies:

AITEX

Start date: 2020

Duration: 1 year

Total amount: 19.339 €

4 Name of the project: DISEÑO EXPERIMENTAL Y PRESUPUESTO PARA MEDIR LA CAPACIDAD DE ABSORCIÓN DE NO_x DE UN MATERIAL FOTOCATALÍTICO EN LA CÁMARA DE SIMULACIÓN EUPHORE

Degree of contribution: Scientific coordinator

Nº of researchers: 4

Funding entity or bodies:

PORCELANOSA, S.A.

City funding entity: Spain

Start date: 01/06/2018

Duration: 3 months

Total amount: 11.295 €

5 Name of the project: Diagnóstico de la calidad de aire en el término municipal de Sagunto

Degree of contribution: Researcher

Nº of researchers: 5

Start date: 2018

Duration: 1 year - 2 months

Total amount: 57.000 €



- 6** **Name of the project:** Atmospheric degradation of prosulfocarb
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): A. Muñoz
Nº of researchers: 4
Funding entity or bodies:
Aarhus University
Type of entity: University Department
Start date: 01/10/2015
Duration: 6 months
Total amount: 15.000 €
- 7** **Name of the project:** Atmospheric chemistry of Amines
Nº of researchers: 6
Participating entity/entities: CNRS-IRCELYON; Universida de Oslo
Start date: 25/06/2015
Duration: 2 years
Total amount: 190.000 €
- 8** **Name of the project:** Preliminary Study: Feasibility studies to conduct atmospheric degradation experiments of Chlorothalonil at the EUPHORE Chamber
Degree of contribution: Scientific coordinator
Nº of researchers: 4
Funding entity or bodies:
Empresa multinacional relacionada con el sector de plaguicidas
Start date: 10/12/2013
Duration: 3 months
Total amount: 14.000 €
- 9** **Name of the project:** Experiments on two amines for CO2 capture
Degree of contribution: Researcher
Funding entity or bodies:
Confidencial. (Subcontrato a través de NILU)
Start date: 2013
Duration: 6 months
Total amount: 49.400 €
- 10** **Name of the project:** Estudio del potencial de reducción de óxidos de nitrógeno por mortero fotocatalítico bajo condiciones controladas en las cámaras de simulación EUPHORE
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Dr. Amalia Muñoz
Nº of researchers: 5
Participating entity/entities: CEAM (España); Fundación Centro de Estudios Ambientales del Mediterráneo
Funding entity or bodies:
FORET. S. A.
Type of entity: Business
Start date: 06/2012
Duration: 4 months
Total amount: 46.000 €
- 11** **Name of the project:** (Confidencial). Estudios de degradación en aire de ciertos plaguicidas
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Dr. Amalia Muñoz
Nº of researchers: 1
Participating entity/entities: CEAM (España); Fundación Centro de Estudios Ambientales del Mediterráneo

**Funding entity or bodies:**

Empresa multinacional relacionada con el sector de plaguicidas

Start date: 03/2012**Duration:** 7 months**Total amount:** 96.000 €**12 Name of the project:** (Confidencial). Estudios de degradación en aire de ciertos plaguicidas**Degree of contribution:** Coordinator of total project, network or consortium**Name principal investigator (PI, Co-PI....):** Dr. Amalia Muñoz**Nº of researchers:** 4**Participating entity/entities:** CEAM (España); Fundación Centro de Estudios Ambientales del Mediterráneo**Funding entity or bodies:**

Empresa multinacional relacionada con el sector de plaguicidas

Start date: 09/2011**Duration:** 6 months**Total amount:** 60.000 €**13 Name of the project:** Proyecto de Investigación en Sistemas Avanzados para un avión más Eco-Eficiente**Degree of contribution:** CENIT.**Name principal investigator (PI, Co-PI....):** Dr. Amalia Muñoz**Participating entity/entities:** Fundación Centro de Estudios Ambientales del Mediterráneo; Ramen**Funding entity or bodies:**

Unión Europea

a través de la empresa RAMEM

Start date: 01/2011**Total amount:** 30.000 €**14 Name of the project:** Photochemically Induced Secondary Organic Aerosol Formation from OH + Alkyne Reactions on Atmospherically Relevant Seed Particles (PSOA)**Degree of contribution:** Investigador subcontratado**Name principal investigator (PI, Co-PI....):** M. T. Baeza; A. Rickart**Nº of researchers:** 2**Participating entity/entities:** University of Leeds; University of York; University of Leicester**Funding entity or bodies:**

University of Leeds

Type of entity: University**City funding entity:** United Kingdom**Start date:** 2011**Duration:** 2 years**Total amount:** 144.000 €**15 Name of the project:** NOxINT: NOx analyser interference in chemically complex mixtures**Degree of contribution:** Researcher**Name principal investigator (PI, Co-PI....):** Dr. William Bloss**Nº of researchers:** 5**Participating entity/entities:** CEAM (España); Universidad de Birmingham (Reino Unido); Universidad de Leicester (Reino Unido)**Funding entity or bodies:**

EUROCHAMP-2 (EU)

Type of entity: University Centres and Structures and Associated Bodies**Start date:** 11/2010**Duration:** 2 months



Total amount: 27.186,5 €

16 Name of the project: Isoprene Secondary Organic Aerosol formation and chemical composition

Degree of contribution: Actividad Transnacional Unión Europea

Name principal investigator (PI, Co-PI....): Dra. Laura Chiappini

Participating entity/entities: CEAM (España); INERIS (Francia)

Funding entity or bodies:

EUROCHAMP-2 (EU)

Start date: 09/2010

Duration: 2 months

Total amount: 21.749,2 €

17 Name of the project: Testeo DMA de alta resolución para la medida de compuestos orgánicos volátiles en aire ambiente

Name principal investigator (PI, Co-PI....): Dr. Eladio Montoya

Participating entity/entities: Fundación Centro de Estudios Ambientales del Mediterráneo; RAMEM

Funding entity or bodies:

RAMEM

Start date: 2010

Total amount: 25.700 €

18 Name of the project: Testeo DMA de alta resolución para la medida de compuestos orgánicos volátiles en aire ambiente

Name principal investigator (PI, Co-PI....): Dr. Eladio Montoya

Nº of researchers: 4

Participating entity/entities: Fundación Centro de Estudios Ambientales del Mediterráneo; RAMEM

Funding entity or bodies:

RAMEM

Start date: 2010

Total amount: 25.700 €

19 Name of the project: Estudio del potencial de reducción de óxidos de nitrógeno por el material BIONICITILE® impregnado con el ingrediente fotoactivo OFFNOX® bajo condiciones controladas en las cámaras de simulación EUPHORE

Name principal investigator (PI, Co-PI....): J.L Palau

Participating entity/entities: Fundación Centro de Estudios Ambientales del Mediterráneo; CERACASA; FMC-Foret

Funding entity or bodies:

CERACASA (España)

Type of entity: Business

Start date: 12/2009

Duration: 5 months

Total amount: 39.700,57 €

20 Name of the project: Photolysis of Naphthalene Oxidation Products

Degree of contribution: Subcontract project

Name principal investigator (PI, Co-PI....): Dr. John Wenger

Nº of researchers: 4

Participating entity/entities: Fundación Centro de Estudios Ambientales del Mediterráneo; UCC

Funding entity or bodies:

University College Cork (Irlanda)

Type of entity: Public Research Body

City funding entity: Ireland

**Start date:** 2009**Total amount:** 19.700 €**21 Name of the project:** Degradación atmosférica de aminas (ADA)**Degree of contribution:** Subcontract project (Universidad de Oslo, Noruega) Empresa/Administración Universidad de Oslo (Noruega) (Private Contract)**Name principal investigator (PI, Co-PI....):** Prof. Claus Nielsen**Nº of researchers:** 5**Participating entity/entities:** CNRS-Lyon; Norwegian Institute for Air Research (NILU) y CEAM; Universidad de Innsbruck; Universidad de Oslo**Start date:** 2008**Duration:** 3 years**Total amount:** 94.000 €**22 Name of the project:** Optimización de un modelo de predicción de aerosoles orgánicos secundarios (SOA) a partir de los resultados experimentales obtenidos en un fotorreactor (MIMASOA)**Name principal investigator (PI, Co-PI....):** Dra. Marta García Vivanco**Nº of researchers:** 6**Participating entity/entities:** Fundación Centro de Estudios Ambientales del Mediterráneo; Plataforma Solar de Almería**Funding entity or bodies:**

Plataforma Solar de Almería

Type of entity: Public Research Body**Start date:** 2008**Duration:** 2 years**Total amount:** 30.000 €**23 Name of the project:** Convenio de colaboración entre la Dirección General de Obras Públicas y Calidad de las Aguas y Costas Españolas y la Confederación Española de Empresarios de la Madera (CONFEMADERA)**Name principal investigator (PI, Co-PI....):** Rafael Mossi**Nº of researchers:** 3**Participating entity/entities:** AIDIMA; CONFEMADERA**Funding entity or bodies:**

Ministerio de Medio Ambiente. M IMAM

Start date: 01/01/2001**Duration:** 11 months - 30 days**24 Name of the project:** Atmospheric Transformation of Diesel Emissions**Degree of contribution:** Subcontract project Health Effect Institute (HEI) por medio de la Universidad de Wuppertal (Germany)**Name principal investigator (PI, Co-PI....):** Dra. Barbara Zielinska**Nº of researchers:** 7**Funding entity or bodies:**

Universidad de Wuppertal (Germany) Entidades participantes Univesrsity DRI

Total amount: 17.010 €**25 Name of the project:** Gas-particle partitioning of reaction products during the oxidation of selected aromatic and biogenic compounds**Degree of contribution:** subcontrato de proyecto**Name principal investigator (PI, Co-PI....):** Dr. John Wenger**Nº of researchers:** 5**Participating entity/entities:** Fundación CEAM; Univesrsity College Cork**Funding entity or bodies:**



NDP/EPA Ireland

Total amount: 5.000 €

- 26 Name of the project:** TRAPOZ (Estudio directo de la formación de radicales en la ozonólisis de alkenos)
Degree of contribution: Subcontract project Empresa/Administración financiadora: NERC (UK)
Name principal investigator (PI, Co-PI....): Dr. William Bloss
Nº of researchers: 5
Participating entity/entities: Fundación Centro de Estudios Ambientales del Mediterráneo; Universidad de Leeds; Universidad de Leicester; Universidad de de Birmingham
Total amount: 45.000 €

Scientific and technological activities

Scientific production

- 1 H index:** 21
Date of application: 15/10/2022
Fuente de Índice H: WOS
- 2 H index:** 25
Date of application: 25/01/2023
Fuente de Índice H: GOOGLE SCHOLAR
- 3 H index:** 23
Date of application: 17/07/2023
Fuente de Índice H: SCOPUS

Publications, scientific and technical documents

- 1** A. Muñoz; E. Borrás; T. Vera; I. Colmenar; M. Ródenas; C. Gimeno; E. Fuentes; C. Coscollá; H. Calvete-Sogo. Atmospheric degradation of two pesticides mixed with volatile organic compounds emitted by citrus trees. Ozone and secondary organic aerosol production. Atmospheric Environment. 295, pp. 119541. 2023.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 2** D. Jung; R. Soler; D. de la Paz; A. Notario; A. Muñoz; M. Ródenas; T. Vera; E. Borrás; R. Borge. Oxidation capacity changes in the atmosphere of large urban areas in Europe: Modelling and experimental campaigns in atmospheric simulation chambers. Chemosphere. 341, pp. 139919. 2023.
Type of production: Scientific paper
- 3** M. Ródenas; R. Soler; E. Borrás; t. Vera; J.J. Diéguez; A. Muñoz. Assessment of COVID-19 Lockdown Impact on the Air Quality in Eastern Spain: PM and BTX in Urban, Suburban and Rural Sites Exposed to Different Emissions. Atmosphere. 13 - 1, pp. 97. 2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes

- 4** F. J. Gomez-Moreno; E. Alonso-Blanco; E. Diaz; E. Coz; F. Molero; L. Nunez; M. Palacios; M. Barreiro; J. Fernandez; P. Salvador; M. Pineiro-Iglesias; P. Lopez-Mahia; E. Borrás; T. Vera; A. Muñoz; T. Tritscher; S. Schmitt; B. Artiñano. On the influence of VOCs on new particle growth in a Continental-Mediterranean region. *Environmental Research Communications*. 4 - 12, 2022.
Type of production: Scientific paper
- 5** E. Borrás; Tortajada-Genaro, L. A; F. Sanz; A. Muñoz. Multi-Oxygenated Organic Compounds in Fine Particulate Matter Collected in the Western Mediterranean Area. *Atmosphere*. 12 - 94, pp. 1 - 15. 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 6** Esther Fuentes; Antonio López; María Ibáñez; Vicent Yusà; Amalia Muñoz; Teresa Vera; Esther Borrás; Héctor Calvete-Sogo; Clara Coscollà. Pesticide Inhalation Exposure of Applicators and Bystanders Using Conventional and Innovative Cropping Systems in the Valencian Region, Spain. *Atmosphere*. 12, pp. 631. 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 7** Tomas, A; Aslan, L; Muñoz, A; Vera, T; Borrás, E; Coddeville, p. Photolysis of multifunctional carbonyl compounds under natural irradiation at EUPHORE. *Atmospheric Environment*. 253, pp. 1 - 11. 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 8** S. Wang; M. J. Newland; A. R. Rickard; J. F. Hamilton; A. Muñoz; M. Ródenas; M. Vázquez; L. Wang; X. Wang. Aromatic Photo-oxidation, A New Source of Atmospheric Acidity. *Environmental Science & Technology*. 54 - 13, pp. 7798 - 7806. 2020.
Type of production: Scientific paper **Format:** Journal
- 9** M. S. Alam; L. R. Crilley; J. D. Lee; L. J. Kramer; C. Pfrang; M. Vázquez-Moreno; M. Ródenas; A. Muñoz; W. J. Bloss. Interference from alkenes in chemiluminescent NOx measurements. *Atmospheric Measurement Techniques*. 13, pp. 5977 - 5991. 2020.
Type of production: Scientific paper **Format:** Journal
- 10** M. J. Newland; B. S. Nelson; A. Muñoz; M. Ródenas; T. Vera; J. Tárrega; A. R. Rickard. Trends in stabilisation of Criegee intermediates from alkene ozonolysis. *Physical Chemistry Chemical Physics*. 22, pp. 13698 - 13706. 2020.
Type of production: Scientific paper
- 11** A. Muñoz; E. Borrás; M. Rodenas; T. Vera; H. A. Pedersen. Atmospheric Oxidation of a Thiocarbamate Herbicide Used in Winter Cereals. *Environmental Science & Technology*. 52 - 16, pp. 9136 - 9144. 11/07/2018.
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 5 **Corresponding author:** Yes
Impact source: SCOPUS
Impact index in year of publication: 6.653
- 12** M. J. Newland; A. R. Rickard; T. Sherwen; M. J. Evans; L. Vereecken; A. Muñoz; M. Rodenas; W. J. Bloss. The atmospheric impacts of monoterpene ozonolysis on global stabilised Criegee intermediate budgets and SO₂oxidation: Experiment, theory and modelling. *Atmospheric Chemistry and Physics*. 18, pp. 6095 - 6120. 02/05/2018.
Type of production: Scientific paper **Format:** Journal
Position of signature: 6
Total no. authors: 8

- 13** F. Brillì; S. Fares; A. Ghirardo; P. deVisser; V. Calatayud; A. Muñoz; I. Annesi-Maesano; F. Sebastiani; A. Alivernini; V. Varriale; F. Menghini. Plants for Sustainable Improvement of Indoor Air Quality. Trends in Plant Science. 23 - 6, pp. 507 - 512. 2018.
Type of production: Scientific paper **Format:** Journal
Position of signature: 6
Total no. authors: 11
- 14** V. Yusà; A. Muñoz; T. Vera; E. Borrás; M. Ródenas; C. Coscollá. Risk assessment of airborne pesticides in a Mediterranean region of Spain. Science of the Total Environment. 574, pp. 724 - 734. 05/01/2017.
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 6
Impact source: SCOPUS
Impact index in year of publication: 3.976
- 15** E. Borrás; M. Ródenas; T. Vera; T. Gómez; A. Muñoz. ATMOSPHERIC DEGRADATION OF THE ORGANOTHIOPHOSPHATE INSECTICIDE – PIRIMIPHOS-METHYL. Science of the Total Environment. 2017.
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 5 **Corresponding author:** Yes
Impact source: SCOPUS
Impact index in year of publication: 3.976
- 16** E. Borrás; L. A. Tortajada-Genaro; A. Muñoz. Determination of reduced sulfur compounds in air samples for the monitoring of malodor caused by landfills. Talanta. 148, pp. 472 - 477. 2016.
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 3
Impact source: SCOPUS
Impact index in year of publication: 3.545
- 17** M. J. Newland; A. R. Rickard; M. S. Alam; L. Vereecken; A. Muñoz; M. Ródenas; W. J. Bloss. Kinetics of stabilised Criegee intermediates derived from alkene ozonolysis: reactions with SO₂, H₂O and decomposition under boundary layer conditions. Physical Chemistry Chemical Physics. In Press, 06/01/2015. Available on-line at: <<http://pubs.rsc.org/en/content/articlelanding/2015/cp/c4cp04186k#!divAbstract>>.
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 7
Impact source: SCOPUS
Impact index in year of publication: 4.198
- 18** T. Vera; E. Borrás; J. Chen; C. Coscollá; V. Daële; A. Mellouki; M. Ródenas; H. Sidebottom; X. Sun; V. Yusà; X. Zhang; A. Muñoz. Atmospheric degradation of lindane and 1,3-dichloroacetone in the gas phase. Studies at the EUPHORE simulation chamber. Chemosphere. 138, pp. 112 - 119. Elsevier, 2015.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
Impact source: ISI
Impact index in year of publication: 3.340

- 19** M. J. Newland; A. Rickard; M. S. Alam; L. Vereecken; A. Muñoz; M. Ródenas; W. Bloss. Atmospheric isoprene ozonolysis: impacts of stabilized Criegee intermediate reactions with SO₂, H₂O and dimethyl sulfide. *Atmospheric Chemistry and Physics*. 15, pp. 9521 - 9536. 2015.
Type of production: Scientific paper **Format:** Journal
Impact source: SCOPUS
Impact index in year of publication: 5.053
- 20** M. J. Newland; A. Rickard; M. S. Alam; L. Vereecken; A. Muñoz; M. Ródenas; W. Bloss. Atmospheric isoprene ozonolysis: impacts of stabilized Criegee intermediate reactions with SO₂, H₂O and dimethyl sulfide. *Atmospheric Chemistry and Physics Discussion*. 15, pp. 8839 - 8881. 2015.
Type of production: Scientific paper **Format:** Journal
- 21** E. Borrás; L. A. Tortajada-Genaro; M. Ródenas; T. Vera; C. Coscollá; V. Yusá; A. Muñoz. Gas-phase and particulate products from the atmospheric degradation of the organothiophosphorus insecticide chlorpyrifos-methyl. *Chemosphere*. 138, pp. 888 - 894. 2015. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0045653514013903>>.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
Impact source: SCOPUS
Impact index in year of publication: 3.499
- 22** K. Pereira; J. Hamilton; A. Rickard; W. J. Bloss; M. S. Alam; M. Camredon; M. Ward; K. Wyche; A. Muñoz; T. Vera; M. Vázquez; E. Borrás; M. Ródenas. Insights into the Formation and Evolution of Individual Compounds in the Particulate Phase during Aromatic Photo-oxidation. *Environmental Science and Technology*. 49, pp. 13168 - 13178. 2015.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI
Impact index in year of publication: 5.330
- 23** Thalman, R; Baeza-Romero, M.T; S. M. Ball; E. Borrás; M. J. S. Daniels; I. C. A. Goodall; S. B. Henry; T. Karl; F. N. Keutsch; S. Kim; J. Mak; P. S. Monks; A. Muñoz; J. Orlando; S. Peppe; A. R. Rickard; M. Ródenas; P. Sánchez; R. Seco; L. Su; G. Tyndall; M. Vázquez; T. Vera; E. Waxman; R. Volkamer. Instrument inter-comparison of glyoxal, methyl glyoxal and NO₂ under simulated atmospheric conditions. *Atmospheric Measurement Techniques*. 8, pp. 1835 - 1862. 2015.
Type of production: Scientific paper **Format:** Journal
Impact source: SCOPUS **Category:** Atmospheric Science
Impact index in year of publication: 3.206 **Journal in the top 25%:** Yes
- 24** E. Borrás; M. Ródenas; M. Vázquez; T. Vera; A. Muñoz. Particulate and gas-phase products from the atmospheric degradation of chlorpyrifos and chlorpyrifos-oxon. *Atmospheric Environment*. 123, pp. 112 - 120. 2015. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S1352231015304672>>.
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 5 **Corresponding author:** Yes
- 25** E. Borrás; M. Ródenas; T. Vera; A. Muñoz. Particulate matter formation from photochemical degradation of organophosphorus pesticides. *IOP Conference Series: Earth and Environmental Science*. 28 - 012003, pp. 1 - 8. 2015.
Type of production: Scientific paper **Format:** Journal

- 26** E. Borrás; M. Ródenas; T. Vera; A. Muñoz. Use of high-volume outdoor smog chamber photo-reactors for studying physical and chemical atmospheric aerosol formation and composition. IOP Conference Series: Earth and Environmental Science. 28 - 012004, pp. 1 - 8. 2015.
Type of production: Scientific paper **Format:** Journal
- 27** Amalia Muñoz; Teresa Vera; Milagros Ródenas; Esther Borrás; Abdelwahid Mellouki; Jack Treacy; Howard Sidebottom. Gas-phase degradation of the herbicide ethalfuralin under atmospheric conditions. Chemosphere. 95, pp. 395 - 401. 2014. Available on-line at: <10.1016/j.chemosphere.2013.09.053>.
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 7
Impact source: SCOPUS
Impact index in year of publication: 3.137
- 28** Xiaobing Pang; Alastair C. Lewis; Andrew R. Rickard; Maria Teresa Baeza-Romero; Thomas J. Adams; Stephen M. Ball; Mark J. S. Daniels; Iain C. A. Goodall; Paul S. Monks; Salvatore Peppe; Milagros Ródenas García; Pilar Sánchez; Amalia Muñoz. A smog chamber comparison of a microfluidic derivatization measurement of gas-phase glyoxal and methylglyoxal with other analytical techniques. Atmospheric Measurement Techniques. 7., pp. 373 - 389. 2014.
Type of production: Scientific paper **Format:** Journal
Impact source: SCOPUS
Impact index in year of publication: 3.205
- 29** Amalia Muñoz; Gary Dean; Tali Ehrlich. Atmospheric Degradation of Plant Protection Products. A case study: Photolytic degradation of diazinon and one of its metabolites, diazoxon, in air. Developments in Life Sciences. 14 - 3, pp. 3 - 7. 2014.
Type of production: Scientific paper **Format:** Journal
- 30** Thalman, R; Baeza-Romero, M.T; S. M. Ball; E. Borrás; M. J. S. Daniels; I. C. A. Goodall; S. B. Henry; T. Karl; F. N. Keutsch; S. Kim; J. Mak; P. S. Monks; A. Muñoz; J. Orlando; S. Peppe; A. R. Rickard; M. Ródenas; P. Sánchez; R. Seco; L. Su; G. Tyndall; M. Vázquez; T. Vera; E. Waxman; R. Volkamer. Instrument inter-comparison of glyoxal, methyl glyoxal and NO₂ under simulated atmospheric conditions. Atmospheric Measurement Techniques Discussion. 7, pp. 8581 - 8642. 2014.
Type of production: Scientific paper **Format:** Journal
- 31** Clara Coscollà; Amalia Muñoz; Esther Borrás; Teresa Vera; Milagros Ródenas; Vicent Yusà. Particle size distributions of currently used pesticides in ambient air of an agricultural Mediterranean area. Atmospheric Environment. 95, pp. 29 - 35. 2014.
Type of production: Scientific paper **Format:** Journal
Impact source: SCOPUS
Impact index in year of publication: 3.11
- 32** K. L. Pereira; J. F. Hamilton; A. R. Rickard; W. J. Bloss; M. S. Alam; M. Camredon; A. Muñoz; M. Vázquez; E. Borrás; M. Ródenas. Secondary organic aerosol formation and composition from the photo-oxidation of methyl chavicol (estragole). Atmos. Chem. Phys. 14, pp. 5349 - 5368. 2014. Available on-line at: <<http://www.atmos-chem-phys.net/14/5349/2014/acp-14-5349-2014.html>>.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI
Impact index in year of publication: 5.51

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Impact source: ISI
Impact index in year of publication: 3.137
- 34** A.C. Nölscher; T. Butler; J. Auld; P. Veres; A. Muñoz; D. Taraborrelli; L. Vereecken; J. Lelieveld; J. William. Using total OH reactivity to assess isoprene photooxidation via measurement and model. *Atmospheric Environment*. 89, pp. 453 - 463. 2014.
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 3.110
- 35** Xiaobing Pang Alastair C. Lewis; Andrew R. Rickard; Maria Teresa Baeza-Romero; Thomas J. Adams; Stephen M. Ball; Mark J. S. Daniels; Iain C. A. Goodall; Paul S. Monks; Salvatore Peppe; Milagros Ródenas García; Pilar Sánchez; Amalia Muñoz. A smog chamber comparison of a microfluidic derivatization measurement of gas-phase glyoxal and methylglyoxal with other analytical techniques. *Atmospheric Measurement Techniques Discussion*. 6,, pp. 5751 - 5794. 2013.
Type of production: Scientific paper
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- 36** M. G. Vivanco; M. Santiago; M. Sánchez; M. A.. Experimental data on SOA formation from mixtures of anthropogenic and biogenic organic compounds. *Atmósfera*. 26 - 1, pp. 59 - 73. 2013.
Type of production: Scientific paper
Format: Journal
Impact source: ISI
Impact index in year of publication: 0.490
- 37** Luis Antonio Tortajada-Genaro; Esther Borrás; Amalia Muñoz. Gas-phase and particulate products from the atmospheric degradation of an isoxazole fungicide. *Chemosphere*. 92 - 8, pp. 1035 - 1041. Elsevier, 2013. Available on-line at: <http://dx.doi.org/10.1016/j.chemosphere.2013.03.04>.
Type of production: Scientific paper
Format: Journal
Impact source: SCOPUS
Category: Environmental Science (miscellaneous)
Impact index in year of publication: 3.137
- 38** Jacqueline Hamilton; Maria Teresa Baeza Romero; Emanuela Finessi; Andrew R Rickard; Robert M Healy; Salvatore Peppe; Thomas J Adams; Mark J. S. Daniels; Stephen M Ball; Iain C. A. Goodall; Paul S Monks; Esther Borrás García; Amalia Muñoz. Online and Offline Mass Spectrometric Study of the Impact of Oxidation and Ageing on Glyoxal Chemistry and Uptake onto Ammonium Sulfate Aerosols. *Faraday Discussion*. 165, pp. 473 - 494. 2013.
Type of production: Scientific paper
Format: Journal
Impact source: ISI
Impact index in year of publication: 3.821
- 39** K. L. Pereira; J. F.; A. R. Rickard; W. Bloss; M. S. Alam; M. Camredon; A. Muñoz; M. Vázquez; E. Borrás; M. Rodenas. Secondary organic aerosol formation and composition from the photo-oxidation of methyl chavicol (estragole). *Atmospheric Chemistry and Physics discussion*. 13, pp. 33105 - 33144. 2013.
Type of production: Scientific paper

- 40** K. L. Pereira; J. F. Hamilton; A. R. Rickard; W. J. Bloss; M. S. Alam; M. Camredon; A. Muñoz; M. Vásquez; E. Borrás; M. Ródenas. Secondary organic aerosol formation and composition from the photo-oxidation of methyl chavicol (estragole). *Atmos. Chem. Phys. Discuss.* 13, pp. 33105 - 33144. 2013.
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- 41** Amalia Muñoz; Teresa Vera; Howard Sidebottom; Milagros Ródenas; Esther Borrás; Mónica Vázquez; Montserrat Raro; Abdelwahid Mellouki.. Studies on the atmospheric fate of propachlor (2-chloro-N-isopropylacetanilide) in the gas phase. *Atmospheric Environment*. 49, pp. 33 - 40. 2012.
Type of production: Scientific paper **Format:** Journal
Impact source: SCOPUS
Impact index in year of publication: 3.110
- 42** M. Karl; C. Dye; N. Schmidbauer; A. Wisthaler; T. Mikoviny; B. D'Anna; M. Muller; E. Clemente; A. Muñoz; R. Porras; M. Ródenas; M. Vázquez; and T. Brauers. Study of OH-initiated degradation of 2-aminoethanol. *Atmospheric chemical and Physics*. 12, pp. 1881 - 1901. 2012.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI
Impact index in year of publication: 5.1
- 43** T. Vera; A. Muñoz; M. Ródenas; M. Vazquez; E. Borrás; M. Marqués; A. Mellouki; J. Treacy; H. Sidebottom. Atmospheric fate of hymexazol (5-methylisoxazol-3-ol): simulation chamber studies. *Atmospheric Environment*. 45, pp. 3704 - 3711. 2011.
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Impact index in year of publication: 3.2
- 44** E. Borrás; P. Sanchez; A. Muñoz; L.A. Tortajada-Genaro. Development of a gas chromatography -mass spectrometry method for the determination of environmental pesticides in gaseous and particulate phases. *Analytica Chimica Acta*. 699, pp. 57 - 65. 2011.
Type of production: Scientific paper **Format:** Journal
Impact source: SCOPUS
Impact index in year of publication: 4.31
- 45** Grainne M. Clifford; Aurélie Hadj-Aïssa; A. Mellouki; Amalia Muñoz; Klaus Wirtz; Montserrat Martín Reviejo; Esther Borrás; and John C. Wenger. Simulation Chamber Studies on the Atmospheric Photolysis of o-Tolualdehyde. *Environmental Science and Technology* 2011.45, pp. 9649 - 9657. 2011.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI
Impact index in year of publication: 4.82
- 46** Amalia Muñoz; Annaïg Le Person; Stéphane Le Calvé; Abdelwahid Mellouki; Esther Borrás; Véronique Daële; Teresa Vera. Studies on atmospheric degradation of diazinon in the EUPHORE simulation chamber. *Chemosphere*. 85, pp. 724 - 730. 2011.
Type of production: Scientific paper **Format:** Journal
Impact source: SCOPUS
Impact index in year of publication: 3.137

- 47** A. Muñoz; T. Vera; H. Sidebottom; A. Mellouki; E. Borrás; M. Ródenas; E. Clemente; M. Vazquez. Studies on the atmospheric degradation of Chlorpyrifos-methyl. Environmental Science and Technology. 45 - 5, pp. 1880 - 1886.. 2011.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI
Impact index in year of publication: 5.257
- 48** M. Karl; C. Dye; N. Schmidbauer; A. Wisthaler; T. Mikoviny; B. D'Anna; M. Muller; E. Clemente; A. Muñoz; R. Porras; M. Ródenas; M. Vázquez; and T. Brauers. Study of OH-initiated degradation of 2-aminoethanol. Atmospheric chemical and Physics Discussion. 11, 27763–27814, 2011doi:10.5194/acpd-11-27763-2011. 2011.
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- 49** Vera Espallardo T.; Muñoz A.; Ródenas M.; Vázquez M.; Mellouki A.; Treacy J.; Sidebottom H.. Photolysis of Trichloronitromethane (Chloropicrin) under Atmospheric Conditions. Z. Phys. Chem.224, pp. 1039 - 1057. 2010.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI
Impact index in year of publication: 1.361
- 50** J. Hamilton; A. Lewis; T. Carey; J. Wenger; E. Borrás i Garcia; and A. Muñoz. Reactive oxidation products promote secondary organic aerosol formation from green leaf volatiles. Atmos. Chem. Phys., 9, 3815-3823, 2009. 9, pp. 3815 - 3823. 15., 2009.
Type of production: Scientific paper **Format:** Journal
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Impact index in year of publication: 4.881
- 51** E. Gómez Alvarez; J. Viidanoja; A. Muñoz; K. Wirtz; J. Hjorth. Experimental Confirmation of the Dicarbonyl Route in the Photo-oxidation of Toluene and Benzene. Environmental Science and Technology. pp. 8362 - 8369. ACS, 2007.
Type of production: Scientific paper **Format:** Journal
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- 52** A. Le Person; A. Mellouki; A. Muñoz; E. Borrás; M. Martin-Reviejo; K.Wirtz. Trifluralin: Photolysis under sunlight conditions and reaction with HO radicals. Chemosphere. 67, pp. 376 - 383. Elsevier, 2007.
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- 53** G. Solignac; I. Magneron; A. Mellouki; A. Muñoz; M. Martin Reviejo; K. Wirtz. A study of the reaction of OH radicals with N-Methyl Pyrrolidinone, N-Methyl Succinimide and N-Formyl Pyrrolidinone.Journal of atmospheric chemistry. 54, pp. 89 - 102. 2006.
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Impact source: ISI
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- 54** V. Feigenbrugel; A. Le Person; S. Le Calvé; A. Mellouki; A. Muñoz; K. Wirtz. Atmospheric fate of dichlorvos.Environmental Science and Technology. 40, pp. 850 - 857. 6., 2006.
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Impact index in year of publication: 4.363

- 55** O'Connor, M. P.; Wenger, J. C.; Mellouki, A.; Wirtz, K.; Muñoz, A.. The atmospheric photolysis of E-2-hexenal, Z-3-hexenal and E,E-2,4-hexadienal. *Phys. Chem. Chem. Phys.* 8, pp. 5236 - 5246. 2006.

Type of production: Scientific paper

Format: Journal

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Impact index in year of publication: 2.892

- 56** R. Mossi; C. Soriano; R. Minguet; E. Domingo. Colaboradores: C. Villena; A. Muñoz; A. García. Guía práctica "Código de buenas prácticas medioambientales para la fabricación de pinturas y barnices". CD-ROM. Generalitat Valenciana. Conselleria de Medio Ambiente. AIDIMA.2000.

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- 57** P. Arroyo, S. Gil, A. Muñoz, P. Palanca; J. Sanchís, V. Sanz. Polymer-suported Molydenyl tioglicolate as oxygen atom transfer reagent. *J. Molecular Catalysis.* 160, pp. 403 - 408. 2000.

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Format: Journal

- 58** A. Muñoz. Sistemas de tratamiento de las aguas residuales de cabinas de pintura. revista : AIDIMA Informa. 1998.

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Collection: Role of Oxides and Acids of Nitrogen in Atmospheric Chemistry

Type of production: Book chapter

Format: Book

- 60** T. Vera; A. Muñoz; J.L. Palau. Pesticide Residues in the atmosphere. *Pesticides: Evaluation of Environmental Pollution.* pp. 203 - 232. CRC Press, 2012.

Type of production: Book chapter

Format: Book

- 61** E. Borrás A. Carrascosa; E. Gomez; M. Marqués; A. Muñoz; M. Ródenas; P. Sanchez; J. Valero; M. Vazquez; T. Vera. Contaminación Atmosférica. Química atmosférica. La actividad científica de la Fundación Centro de Estudios Ambientales del Mediterráneo (1991-2008). pp. 63 - 81. Fundación de la Comunidad Valenciana Centro de Estudios Ambientales del Mediterráneo., 2009. ISBN 978-84-921259-6-8

Type of production: Book chapter

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- 62** Muñoz A.; Gomez-Alvarez E.. Overview of the EUROCHAMP Database of European Atmosphere Simulation Chambers. LIBRO: Simulation and Assessment of Chemical Processes in a Multiphase Environment. Nato Science for Peace and Security Series -C: Environmental Security. pp. 61 - 70. Springer. Edited by I. Barnes and M. M. Kharytonov DOI. 10.1007/978-1-4020-8846-9, 2008.

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- 63** Gómez Alvarez, E; Vazquez M.; Muñoz, A.; Hjorth, J.; Pilling, M.; Saathoff, H.; Brauers, T.. The EUROCHAMP chamber experiment database: Goals and Uses. Present and future potential benefits. LIBRO: Simulation and Assessment of Chemical Processes in a Multiphase Environment. Nato Science for Peace and Security Series -C: Environmental Security. pp. 71 - 82. Springer. Edited by I. Barnes and M. M. Kharytonov DOI. 10.1007/978-1-4020-8846-9, 2008.

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Format: Book

- 64** Vera, T.; Muñoz, A.; Mellouki, A.; Rodenas M.; Vazquez M.. The use of EUPHORE facility for studying the atmospheric fate of pesticides. pp. 8362 - 8369. . La Goliardica Pavese. Editors: A. A. M. Del Re; E. Capri; G. Fragoulis and M. Trevisan 11., 2007.
Type of production: Book chapter **Format:** Book
- 65** R. Mossi; C. Soriano; R. Minguet; A. Muñoz. Manual de Control y Gestión de Compuestos Orgánicos Volátiles (COV's) para la Fabricación de Muebles en la Comunidad Valenciana.FEVAMA-AIDIMA 5., 2001.
Type of production: Scientific book or monograph **Format:** Book
- 66** M. Karl; C. Dye; A. Wisthaler; N. Schmidbauer; T. Mikovin; M. Lanza; B. D'Anna; A. Memme; M. Vázquez-Moreno; A. Muñoz; M. Rodenas Garcia; E. Borrás. Photo-oxidation of two Amines for Use in CO2 Capture: Experimental Studies in the European Photo Reactor EUPHORE. 2013. ISBN 978-82-425-2615-1
Collection: REFERENCE: O-112126
Type of production: Scientific-technical report **Format:** Scientific and technical document or report
- 67** A. Muñoz; E. Schlosser; E. Gómez; E. Borrás; M.Ródenas; T. Vera; M.Vázquez; A. Carrascosa; T. Brauers. Eurochamp activity N2: central database of environmental chamber studies. X revista: xCD. 12., 2008.
Type of production: CD **Format:** Scientific and technical document or report

Works submitted to national or international conferences

- 1** **Title of the work:** - Comparative Analysis of Drift in Air Between Conventional and Optimized Application of Pesticides
Name of the conference: International Conference on Chemistry and the Environment – ICCE 2023
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Venice, Italy
Date of event: 11/06/2023
End date: 15/06/2023
With external admission assessment committee: Yes
E. Borrás; A. Muñoz; H. Calvete-Sogo; T. Vera; M. Ródenas; T. Gómez; C. Coscolla; E. Fuentes; A. López; C. Garcerá; P. Chueca.
- 2** **Title of the work:** - Exploring the Chemical Transformations of Biomass Burning and Diesel Exhausts at the EUPHORE Simulation Chamber
Name of the conference: International Conference on Chemistry and the Environment – ICCE 2023
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Venice, Italy
Date of event: 11/06/2023
End date: 15/06/2023
With external admission assessment committee: Yes
M. Ródenas; M. Rigler; A. Gregorič; B. Alföldy; T. Vera; E. Borrás; R. Soler; T. Gómez; E. Yubero; J. Crespo; R. Climent; A. Muñoz.
- 3** **Title of the work:** - Formation of Ozone and Secondary Organic Aerosol from the Atmospheric Degradation of Insecticides Mixed with Terpenes Emitted by Citrus and Vineyard Crops
Name of the conference: International Conference on Chemistry and the Environment – ICCE 2023
Type of event: Conference



Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Venice, Italy

Date of event: 11/06/2023

End date: 15/06/2023

With external admission assessment committee: Yes

A. Muñoz; E. Borrás; T. Vera; M. Ródenas; T. Gómez; H. Calvete-Sogo.

- 4 Title of the work:** - Pesticide Inhalation Exposure and Urinary Metabolites Risk Assessment using Conventional and Innovative Cropping Systems in Citrus and Vineyard Crops

Name of the conference: International Conference on Chemistry and the Environment – ICCE 2023

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Venice, Italy

Date of event: 11/06/2023

End date: 15/06/2023

With external admission assessment committee: Yes

E. Fuentes; A. López; P. Chueca; C. Garcerá; M. Grella; F. Gioelli; P. Maruco; A. Muñoz; H. Calvete-Sogo; E. Borrás; T. Vera; M. Ibáñez; C. Coscollà.

- 5 Title of the work:** ACTRIS - CiGas side-by-side interlaboratory comparison of new and classical techniques for formaldehyde measurement in the nmol/mol range

Name of the conference: EGU General Assembly

City of event: Viena, Austria

Date of event: 04/2023

T. Salameh; E. Tison; E. Stratigou; S. Dusanter; V. Gaudion; M. Jamar; R. Tillmann; F. Rohrer; B. Winter; T. Vera; A. Muñoz; F. Bachelier; V. Daele; A. Grandjean. EGU23 - 3-17535, Available on-line at: <<https://doi.org/10.5194/egusphere-egu23-17535>>.

- 6 Title of the work:** Pesticide Reduction using Friendly and Environmentally Controlled Technologies

Name of the conference: Pesticide Behaviour in Soils, Water and Air

Corresponding author: Yes

City of event: York, United Kingdom

Date of event: 31/08/2022

End date: 02/09/2022

Organising entity: University of York

Calvete-Sogo H; Chueca P; Gil E; Coscollà C; Marucco P; Castro J; Vidal de Miguel G; Borrás E; Garcerá C; Fuentes E; Delpuech X; Grella M; Llop J; Muñoz A.

- 7 Title of the work:** Determination of lambda-cyhalothrin metabolites in urine samples from operators and bystanders, using optimized and conventional cropping systems

Name of the conference: 17th International Symposium on Hyphenated Techniques in Chromatography and Separation Technology

City of event: Ghent, Belgium

Date of event: 18/05/2022

End date: 20/05/2022

Esther Fuentes; Antonio López; María Ibáñez; Vicent Yusà; Amalia Muñoz; Esther Borrás; Héctor Calvete-Sogo; Teresa Vera; Clara Coscollà.

- 8** **Title of the work:** Lambda-cyhalothrin inhalation exposure of applicators and bystanders using optimized and conventional application techniques
Name of the conference: 17th International Symposium on Hyphenated Techniques in Chromatography and Separation Technology
City of event: Ghent, Belgium
Date of event: 18/05/2022
End date: 20/05/2022
Esther Fuentes; Antonio López; María Ibáñez; Vicent Yusà; Amalia Muñoz; Esther Borrás; Héctor Calvete-Sogo; Teresa Vera; Clara Coscollà.
- 9** **Title of the work:** Investigating the Formation of Isoprene Nitrates and Nitrooxyorganosulfates Under Polluted Urban Conditions
Name of the conference: Gordon Research Conferences 2022
Corresponding author: No
City of event: Los Ángeles, United States of America
Date of event: 2022
A.W. Mayhew; E. Borrás; D.J. Bryant; S.H. Budisulistiorini; A. Muñoz; M.J. Newland; R. Soler; M. Ródenas; T. Vera; A.R. Rickard; P.M. Edwards; J.F. Hamilton.
- 10** **Title of the work:** Investigating isoprene secondary Organic Aerosol in Polluted Megacities Using an Atmospheric Simulation Chamber
Name of the conference: European Aerosol Conference 2021
City of event: United Kingdom
Date of event: 30/08/2021
End date: 03/09/2021
A.W. Mayhew; E. Borrás; D.J. Bryant; S.H. Budisulistiorini; A. Muñoz; M.J. Newland; R. Soler; M. Ródenas; T. Vera; A.R. Rickard; P.M. Edwards; J.F. Hamilton.
- 11** **Title of the work:** Emission of biogenic volatile organic compounds by urban vegetation in the city of Valencia (Spain)
City of event: Cyprus
Date of event: 01/08/2021
End date: 05/08/2021
City organizing entity: E. Borrás, V. Calatayud; D. Medina; E. Borrás; A. Muñoz.
- 12** **Title of the work:** PERFECT LIFE PROJECT: Pesticide Reduction using Friendly and Environmentally Controlled Technologies
Name of the conference: XVI Symposium in Pesticide Chemistry, Advances in risk assessment and management
Corresponding author: Yes
City of event: Piacenza, Italy
Date of event: 03/09/2019
End date: 05/09/2019
Héctor Calvete-Sogo; Patricia Chueca; Emilio Gil; , Clara Coscollà; Paolo Balsari; Egon Cervera; Daoíz Zamora; Sébastien Codis; Cruz Garcerá; Antonio López; José Castro; Irene Carnicero; Xavier Delpuich; Paolo Marucco; Montse Gallard; Amalia Muñoz.
- 13** **Title of the work:** Intercomparison of instruments to measure OVOCs: assesment of performance under different relevant controlled conditions (EUPHORE chambers)
Name of the conference: EGU General Assembly
Corresponding author: Yes

City of event: Viena, Austria

Date of event: 07/04/2019

End date: 12/04/2019

A. Muñoz; M. Ródenas; E. Borrás; A. Brennan; J. Dellen; J. M. Escalante; A. Gratien; T. Gómez; H. Herrmann; E. Kari; V. Michoud; A. Mutzel; R. Olariu; P. Seakins; R. Tillmann; T. Vera; A. Viertanen; S. wedel. En: Geophysical Research Abstracts. 21 - EGU2019-17788,

- 14 Title of the work:** Mediterranean city ornamental trees for mitigating air pollution: a simulation chamber study

Name of the conference: EGU General Assembly

Corresponding author: Yes

City of event: Viena, Austria

Date of event: 07/04/2019

End date: 12/04/2019

M. Ródenas; E. Borrás; T. Vera; V. Calatayud; T. Gómez; E. Calvo; A. Muñoz. En: Geophysical Research Abstracts. 21 - EGU2019-19197,

- 15 Title of the work:** Molecular characterization of gaseous and particulate oxygenated compounds using offline gas chromatography mass spectrometry (GC/MS) techniques

Name of the conference: EGU General Assembly

Corresponding author: No

City of event: Viena, Austria

Date of event: 07/04/2019

End date: 12/04/2019

A. Bergé; D. Sahi; V. Minchoud; A. Gratien; C. M. Bret; C. Gaimoz; M. Cirgot; F. Masinneuve; M. Ródenas; A. Muñoz; E. Villenave; E. Perraudin; P. M. Flaud; J. F. Doussin. En: Geophysical Research Abstracts. 21 - EGU2019-11505,

- 16 Title of the work:** hotolyse de composés multifonctionnels carbonylés sous irradiation naturelle au photoréacteur européen Euphore (Espagne)

Name of the conference: Colloque Francophone Combustion et Pollution Atmosphérique (Compola 2018)

City of event: Morocco

Date of event: 23/04/2018

End date: 26/04/2018

A. Tomas; L. Aslan; A. Muñoz; M. Rodenas; T. Vera; C. Fittschen; P. Coddeville.

- 17 Title of the work:** Characterizing air quality in different urban sites: tunnel and school

Name of the conference: 11th International Conference on Air Quality Science and Application

Corresponding author: Yes

City of event: Barcelona, Spain

Date of event: 12/03/2018

End date: 16/03/2018

Organising entity: Universitat Pompeu Fabra

M. Ródenas; C. Gimeno; E. Borrás; T. Vera; Gomez. T; A. Muñoz.

- 18 Title of the work:** ATMOSPHERIC DEGRADATION OF THIOCARBAMATE HERBICIDES UNDER ATMOSPHERIC CONDITIONS

Name of the conference: 7th edition of the International Conference on Pesticide Behaviour in Soils, Water and Air

Corresponding author: Yes

City of event: York, United Kingdom

Date of event: 30/09/2017



End date: 01/10/2017

T Vera; E. Borrás; M. Ródenas; T. Gómez; A. Muñoz.

- 19** **Title of the work:** OZONE AND SECONDARY ORGANIC AEROSOL PRODUCTION BY INTERACTION BETWEEN PESTICIDES AND BIOGENIC VOCs
Name of the conference: 7th edition of the International Conference on Pesticide Behaviour in Soils, Water and Air
Corresponding author: Yes
City of event: York, United Kingdom
Date of event: 30/09/2017
End date: 01/10/2017
E. Borrás; T Vera; M. Ródenas; T. Gómez; A. Muñoz.
- 20** **Title of the work:** The REDMAAS 2017 intercomparison campaign: CPC and SMPS results
Name of the conference: 5th Iberian Meeting on Aerosol Technology
City of event: Barcelona, Spain
Date of event: 04/07/2017
End date: 06/07/2017
F.J Gómez-Moreno; E. Alonso; B. Aritñano; J. Rodríguez-Maroto; E. Rojas; M. Piñeiro Iglesias; P. Lóp.
- 21** **Title of the work:** Can TiO₂-based photocatalytic textiles be used to improve the urban air quality?
Name of the conference: European Geosciences Union General Assembly 2017
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 08/04/2017
End date: 13/04/2017
M. Rodenas; E. Fages; E. Fatarella; D. Herrero; L. Castagnoli; E. Borrás; T. Vera; T. Gómez; J. Carr.
- 22** **Title of the work:** Ozone and Secondary organic aerosol production by interaction between an organophosphorous pesticide and biogenic VOCs mixture
Name of the conference: European Geosciences Union General Assembly 2017
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 08/04/2017
End date: 13/04/2017
E. Borrás; T. Vera; M. Ródenas; A. Muñoz.
- 23** **Title of the work:** Use of the European Photo-Reactor (EUPHORE) for testing the depolluting capacity of representative combinations of urban vegetation
Name of the conference: Green Infrastructure: nature based solutions for sustainable and resilient cities
City of event: Orvieto, Italy
Date of event: 04/04/2017
End date: 07/04/2017
A. Muñoz; M. Ródenas; E. Borrás; T. Vera; E. Calvo; V. Calatayud.
- 24** **Title of the work:** Ozone and Secondary organic aerosol production by interaction between an organophosphorous pesticide and biogenic VOCs mixture
Name of the conference: International Conference on Aerosol Cycle Sources-aging-Sinks -Impacts
Corresponding author: Yes
City of event: Lille, France
Date of event: 21/03/2017



End date: 23/03/2017

E. Borrás; T. Vera; M. Ródenas; A. Muñoz.

25 Title of the work: Particulate matter formation from photochemical degradation of currently used herbicides

Name of the conference: International Conference on Aerosol Cycle Sources-aging-Sinks -Impacts

Corresponding author: Yes

City of event: Lille, France

Date of event: 21/03/2017

End date: 23/03/2017

E. Borrás; T. Vera; M. Ródenas; A. Muñoz.

26 Title of the work: Atmospheric Degradation of Thiocarbamate Herbicides under Atmospheric Conditions

Name of the conference: 3rd ACTRIS-2 Science meeting

Corresponding author: Yes

City of event: Granada, Spain

Date of event: 31/01/2017

End date: 02/02/2017

A. Muñoz; E. Borrás; M. Ródenas; T. Vera.

27 Title of the work: Comparison of gaseous inorganic and organic pollutants trends in the presence and in the absence of photocatalytic textiles at urban locations. Active and passive campaigns

Name of the conference: 3rd ACTRIS-2 Science meeting

Corresponding author: Yes

City of event: Granada, Spain

Date of event: 31/01/2017

End date: 02/02/2017

E. Borrás; M. Ródenas; C. Gimeno; T. Vera; T. Gómez; D. Hernandez; M. Salazar; A. Muñoz.

28 Title of the work: Removal of nitrogen oxides and other gas-phase organic pollutants by using photocatalytic textiles. Simulations performed at the EUPHORE chambers

Name of the conference: 3rd ACTRIS-2 Science meeting

Corresponding author: Yes

City of event: Granada, Spain

Date of event: 31/01/2017

End date: 02/02/2017

M. Ródenas; E. Borrás; T. Vera; T. Gómez; M. Catota; D. Hernández; A. Muñoz.

29 Title of the work: Use of a sensor-based system for urban air quality. A case study: PHOTOCITYTEX

Name of the conference: ASE Small Sensor Symposium 2016

Type of participation: Participatory - oral communication

City of event: York, United Kingdom

Date of event: 13/10/2016

End date: 14/10/2016

M. Ródenas; D. Hernández; R. López; A. Muñoz.

30 Title of the work: PHOTOCITYTEX project: development of a sensor-based system for air quality measurements

Name of the conference: 14TH WORKSHOP ON URBAN AND REGIONAL AIR QUALITY

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Valencia, Spain



Date of event: 05/10/2016

End date: 06/10/2016

M. Ródenas; A. Muñoz; E. Borrás; T. Vera; T. Gómez; V. Saurí; M. Catota; D. Hernández; C. Gimeno; R. López; J. Carreño.

- 31 Title of the work:** OZONE AND SECONDARY ORGANIC AEROSOLS PRODUCTION BY INTERERACITON BETWEEN PESTICIDES AND BIOGENIC VOCS
Name of the conference: 9th European Conference on Pesticides and Related Organic Micropollutants in the Environment -15th Symposium on chemistry and fate of modern pesticides
Corresponding author: Yes
City of event: Santiago de Compostela, Spain
Date of event: 04/10/2016
End date: 07/10/2016
T. Vera; E. Borrás; M. Ródenas; T. Gómez; A. Muñoz.
- 32 Title of the work:** RISK ASSESSMENT OF AIRBORNE PESTICIDES IN A RURAL REGION OF SPAIN
Name of the conference: 11th Annual International Symposium on Environment
Type of event: Conference
City of event: Athens, Greece
Date of event: 23/05/2016
End date: 26/05/2016
A. López; V. Yusá; A. Muñoz; C. Coscollá.
- 33 Title of the work:** The role of simulation chambers in the development of spectroscopic techniques: campaigns at EUPHORE
Name of the conference: EGU General Assembly
City of event: Vienna, Austria
Date of event: 17/04/2016
End date: 22/04/2016
M. Ródenas; A. Muñoz; Euphore Team.
- 34 Title of the work:** Atmospheric fate of pesticides: degradation chamber studies and measurements of pesticides in the Valencia region (Spain)
Name of the conference: COMPOLA (Combustion et Pollution Atmosphérique)
Type of event: Conference
Type of participation: Participatory - oral communication
Reasons for participation: Review before acceptance
Corresponding author: Yes
City of event: Saidia, Morocco
Date of event: 12/04/2016
End date: 15/04/2016
A. Muñoz; T. Vera; E. Borrás; M. Ródenas.
- 35 Title of the work:** LIFE PHOTOCITYTEX - Air pollution treatment in European urban environments by means of photocatalytic textiles
Name of the conference: COMPOLA (Combustion et Pollution Atmosphérique)
Type of event: Workshop
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance
Corresponding author: Yes
City of event: Saidia, Morocco
Date of event: 12/04/2016



End date: 15/04/2016

With external admission assessment committee: Yes

M. Ródenas; E. Fages; E. Fatarella; D. Herrero; L. Castagnolli; T. Vera; E. Borrás; T. Gómez; J. Carreño; R. López; C. Gimeno; A. Muñoz.

36 Title of the work: Atmospheric degradation of the pirimiphos-methyl. kinetics and degradation products

Name of the conference: COMPOLA (Combustion et Pollution Atmosphérique)

Corresponding author: Yes

City of event: Saidia, Morocco

Date of event: 12/04/2016

End date: 15/04/2016

E. Borrás; M. Ródenas; T. Vera; T. Gómez; A. Muñoz.

37 Title of the work: Particulate matter formation from photochemical degradation of organophosphorus pesticides

Name of the conference: COMPOLA (Combustion et Pollution Atmosphérique)

Corresponding author: Yes

City of event: Saidia, Morocco

Date of event: 12/04/2016

End date: 15/04/2016

E. Borrás; M. Ródenas; T. Vera; T. Gómez; A. Muñoz.

38 Title of the work: Sensor system for air quality measurements

Name of the conference: COMPOLA (Combustion et Pollution Atmosphérique)

City of event: Saidia, Morocco

Date of event: 12/04/2016

End date: 15/04/2016

M. Ródenas; P. Martinez; R. López; A. Muñoz.

39 Title of the work: ATMOSPHERIC DEGRADATION OF LINDANE AND 1,3-DICHLOROACETONE IN THE EUPHORE CHAMBER

Name of the conference: 13th HCH & Pesticides Forum 2015

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Zaragoza, Spain

Date of event: 03/11/2015

End date: 05/11/2015

T. Vera; A. Muñoz; M. Rodenas; E. Borrás; T. Gómez.

40 Title of the work: EUPHORE CHAMBERS AS A TOOL FOR STUDYING FATE OF PESTICIDES IN THE ATMOSPHERE

Name of the conference: 13th HCH & Pesticides Forum 2015

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Zaragoza, Spain

Date of event: 03/11/2015

End date: 05/11/2015

T. Vera; A. Muñoz; M. Rodenas; E. Borrás.



- 41** **Title of the work:** ATMOSPHERIC DEGRADATION OF PESTICIDES: DIRECT PHOTOLYSIS, PHOTO-OXIDATION AND REACTION WITH OZONE
Name of the conference: 13th Workshop on Air Quality in Urban and Regional Areas
Type of event: Workshop
Type of participation: Participatory - oral communication
Reasons for participation: Upon invitation
Corresponding author: Yes
City of event: Aachen, Germany
Date of event: 20/10/2015
End date: 21/10/2015
Organising entity: Ford Research and Innovation Center
With external admission assessment committee: Yes
A. Muñoz; T. Vera; E. Borrás; M. Ródenas; T. Gómez.
- 42** **Title of the work:** PHOTOCITYTEX: Air pollution treatment in European urban environments by means of photocatalytic textiles
Name of the conference: 13th Workshop on Air Quality in Urban and Regional Areas
Type of event: Workshop
Type of participation: Participatory - poster
Reasons for participation: Upon invitation
Corresponding author: Yes
City of event: Aachen, Germany
Date of event: 20/10/2015
End date: 21/10/2015
Organising entity: Ford Research and Innovation Center
With external admission assessment committee: Yes
M. Ródenas; E. Fages; E. Fatarella; D. Herrero; L. Castagnolli; T. Vera; E. Borrás; T. Gómez; J. Carreño; R. López; C. Gimeno; A. Muñoz.
- 43** **Title of the work:** Degradation of pesticides in the atmosphere: direct photolysis, photo-oxidation and reaction with ozone
Name of the conference: ICCE. 15th EuCheMS International Conference on Chemistry and the Environment
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Leipzig, Germany
Date of event: 23/09/2015
With external admission assessment committee: Yes
A. Muñoz; T. Vera; E. Borrás; M. Ródenas; T. Gómez. Available on-line at: <<http://www.icce2015.org/>>.
- 44** **Title of the work:** Atmospheric degradation of pesticides: direct photolysis, photo-oxidation and reaction with ozone
Name of the conference: Pesticide Symposium on Pesticide Chemistry "Environmental Risk Assessment and Management"
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Piacenza, Italy
Date of event: 02/09/2015
End date: 04/09/2015
Publication in conference proceedings: Yes
With external admission assessment committee: Yes

A. Muñoz; T. Vera; E. Borrás; M. Ródenas; T. Gómez.

- 45 Title of the work:** Atmospheric degradation of the pirimiphos-methyl. kinetics and degradation products
Name of the conference: Pesticide Symposium on Pesticide Chemistry “Environmental Risk Assessment and Management”
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Piacenza, Italy
Date of event: 02/09/2015
End date: 04/09/2015
Publication in conference proceedings: Yes **With external admission assessment committee:** Yes

E. Borrás; A. Muñoz; T. Vera; M. Ródenas; T. Gómez.

- 46 Title of the work:** Lindane reactions in the atmosphere: a study in the EUPHORE simulation chambers
Name of the conference: Pesticide Symposium on Pesticide Chemistry “Environmental Risk Assessment and Management”
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Piacenza, Italy
Date of event: 02/09/2015
End date: 04/09/2015
Publication in conference proceedings: Yes **With external admission assessment committee:** Yes

T. Vera; A. Muñoz; M. Ródenas; E. Borrás; T. Gómez.

- 47 Title of the work:** Use of high-volume outdoor smog chamber photo-reactors for studying physical and chemical atmospheric aerosol formation and composition
Name of the conference: 3rd Iberian Meeting on Aerosol Science and Technology
Type of participation: Participatory - oral communication
City of event: Elche, Spain
Date of event: 30/06/2015
E. Borrás; M. Ródenas; T. Vera; A. Muñoz.

- 48 Title of the work:** Particulate matter formation from photochemical degradation of organophosphorus pesticides
Name of the conference: 3rd Iberian Meeting on Aerosol Science and Technology
City of event: Elche, Spain
Date of event: 29/06/2015
End date: 01/07/2015
E. Borrás; M. Ródenas; T. Vera; A. Muñoz.

- 49 Title of the work:** The effect of meteorological conditions on particulate matter generation along the Turia river (Spain): simulations at the EUPHORE smog chamberorganophosphorus pesticides
Name of the conference: 3rd Iberian Meeting on Aerosol Science and Technology
City of event: Elche, Spain
Date of event: 29/06/2015
End date: 01/07/2015
E. Borrás; M. Ródenas; T. Vera; A. Muñoz; J.L. Palau.



- 50** **Title of the work:** Water independent SO₂ oxidation by Stabilised Criegee Intermediates from Biogenic Alkene
Name of the conference: EGU General Assembly
City of event: Viena, Austria
Date of event: 04/2015
M. Newland; A. Rickard; L. Vereecken; M. Evans; A. Muñoz; M. Ródenas; W. Bloss. "Geophysical Research Abstracts".
- 51** **Title of the work:** Photolytic degradation of diazinon and its metabolite diazoxon in air
Name of the conference: IUPAC 2014
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: San Francisco, United States of America
Date of event: 13/08/2014
With external admission assessment committee: Yes
Gary Dean; Peter Aikens; Amalia Munoz; Tali Ehrlich. Available on-line at:
<http://landing2.huntingdon.com/platform_presentation>.
- 52** **Title of the work:** Atmospheric Degradation of pesticides
Name of the conference: European Workshop on pesticides in ambient air
Geographical area: European Union
City of event: Valencia, Spain
Date of event: 27/05/2014
Organising entity: FISABIO-CEAM
Amalia Muñoz. Available on-line at: <http://grupos.fisabio.san.gva.es/web/atmospheric-pesticide-research-group-of-valencia/noticia/-/asset_publisher/R5Jb/content/workshop-on-pesticides-in-ambient-air-in-europe>.
- 53** **Title of the work:** Identification of light absorbing oligomers from glyoxal and methylglyoxal aqueous processing: a comparative study at the molecular level
Name of the conference: EGU General Assembly
Type of event: Conference
Type of participation: Participatory - oral communication
Date of event: 28/04/2014
With external admission assessment committee: Yes
Emanuela Finessi; Jacqueline Hamilton; Andrew Rickard; Maria Baeza-Romero; Robert Healy; Salvatore Peppe; Tom Adams; Mark Daniels; Stephen Ball; Iain Goodall; Paul Monks; Esther Borrás; Amalia Muñoz. "Identification of light absorbing oligomers from glyoxal and methylglyoxal aqueous processing: a comparative study at the molecular lever". En: Geophysical Research Abstracts. 16 - EGU2014, pp. 12402.
- 54** **Title of the work:** Quantifying the Fate of Stabilised Criegee Intermediates under Atmospheric Conditions
Name of the conference: EGU General Assembly
Type of event: Conference
Type of participation: Participatory - oral communication
Date of event: 28/04/2014
City organizing entity: Viena,
With external admission assessment committee: Yes
Mike Newland; Andrew Rickard; Mohamed Alam; Luc Vereecken; Amalia Muñoz; Milagros Ródenas; W. Bloss. En: Geophysical Research Abstracts. 16 - EGU2014-59-3,

- 55** **Title of the work:** A smog chamber comparison of a microfluidic derivatisation measurement of gas-phase glyoxal and methylglyoxal with other analytical techniques
Name of the conference: EGU General Assembly
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Viena,
Date of event: 2014
With external admission assessment committee: Yes
X. Pang; A. Lewis; A. R. Rickard; M. T. Baeza-Romero; T. J. Adams; S. M. Ball; I. C. A. Goodall; P. S. Monks; S. Peppe; M. Ródenas-García; P. Sánchez; A. Muñoz. En: Geophysical Research Abstracts. 16 - EGU2014-6045,
- 56** **Title of the work:** Atmospheric degradation of chlorpyrifos and chlorpyrifos-oxon
Name of the conference: 246th ACS National Meeting and Exposition. Environmental Fate, Transport, and Modeling of Agriculturally-Related Chemicals
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Indianapolis, United States of America
Date of event: 08/09/2013
End date: 12/09/2013
Amalia Muñoz; Milagros Ródenas; Esther Borrás; Mónica Vázquez; Teresa Vera.
- 57** **Title of the work:** ATMOSPHERIC DEGRADATION OF ETHALFLURALINE
Name of the conference: Pesticide Behaviour in Soils, Water and Air
City of event: York, United Kingdom
Date of event: 02/09/2013
End date: 04/09/2013
Amalia Muñoz; Teresa Vera; Milagros Ródenas; Esther Borrás; Mónica Vázquez; Abdelwahid Mellouki; Howard Sidebottom.
- 58** **Title of the work:** Overview of the use of the outdoor simulation chamber EUPHORE for studying the atmospheric fate of organophosphorous insecticides and chloroacetanilide and dinitroaniline herbicides
Name of the conference: Pesticide Behaviour in Soils, Water and Air
Type of participation: Participatory - oral communication
City of event: York, United Kingdom
Date of event: 02/09/2013
End date: 04/09/2013
Amalia Muñoz; Teresa Vera; Esther Borrás; Milagros Ródenas; Pilar Sanchez; Mónica Vázquez.
- 59** **Title of the work:** Particulate matter formation from photochemical degradation of pesticides
Name of the conference: Pesticide Behaviour in Soils, Water and Air
City of event: York, United Kingdom
Date of event: 02/09/2013
End date: 04/09/2013
Esther Borrás; L.A Tortajada-Genaro; Amalia Muñoz.
- 60** **Title of the work:** Light absorbing products from aqueous processing of α -dicarbonyls: matrix effects and atmospheric implications
Name of the conference: Goldschmidt 2013
City of event: Florence, Italy
Date of event: 25/08/2013

End date: 28/08/2013

E. Finessi; J.F. HAMILTON; M.T. BAEZA-ROMERO; A.R. RICKARD; R.M. HEALY; S. PEPPE; T.J. ADAMS; M.J.S. DANIELS; S.M. BALL; I.C.A. GOODALL; P.S. MONKS; E. Borrás; A. Muñoz. En: Goldschmidt2013 Conference Abstracts. Available on-line at: <DOI:10.1180/minmag.2013.077.5.6>.

61 Title of the work: Inter-comparison of glyoxal and methyl glyoxal measurement techniques under simulated atmospheric conditions

Name of the conference: DOAS Workshop

Type of event: Conference

Geographical area: Non EU International

City of event: Boulder, Colorado, United States of America

Date of event: 12/08/2013

R. Thalman; S. Ball; M. T. Baeza; E. Borrás; M. Daniels; I. Goodall; S. Henry; T. Karl; F. Keutsch; S. Kim; J. Mak; P. Monks; A. Muñoz; J. Orlando; S. Peppe; A. Rickart; M. Ródenas; P. Sánchez; R. Seco; L. Su; G. Tyndall; M. Vázquez; E. Waxman; R. Volkamer.

62 Title of the work: Atmospheric degradation of pesticides. Studies at EUPHORE Chambers

Name of the conference: 14th EuCheMS International Conference on Chemistry and the Environment

City of event: Barcelona, Spain

Date of event: 25/06/2013

End date: 28/06/2013

Amalia Muñoz; Teresa Vera; Esther Borrás; Milagros Ródenas; Pilar Sanchez; Mónica Vázquez.

63 Title of the work: Chemical composition of organic atmospheric particulate matter in the Mediterranean Area

Name of the conference: 14th EuCheMS International Conference on Chemistry and the Environment

City of event: Barcelona, Spain

Date of event: 25/06/2013

End date: 28/06/2013

E. Borrás; L.A Tortajada-Genaro; A. Muñoz.

64 Title of the work: DEGRADATION OF ETHALFLURALIN UNDER ATMOPHERIC CONDITIONS

Name of the conference: 14th EuCheMS International Conference on Chemistry and the Environment

City of event: Barcelona, Spain

Date of event: 25/06/2013

End date: 28/06/2013

Amalia Muñoz; Teresa Vera; Milagros Ródenas; Esther Borrás; Mónica Vázquez; Abdelwahid Mellouki; Howard Sidebottom.

65 Title of the work: Particulate matter formation from photochemical degradation of pesticides

Name of the conference: 14th EuCheMS International Conference on Chemistry and the Environment

City of event: Barcelona, Spain

Date of event: 25/06/2013

End date: 28/06/2013

E. Borrás; L.A Tortajada-Genaro; A. Muñoz.

66 Title of the work: oVOC production from tropospheric alkyne oxidation and contribution to aerosol formation and growth

Name of the conference: EGU General Assembly 2013

City of event: Viena, Austria

Date of event: 04/2013

Iain C. A. Goodall; Tom Adams; Mark Daniels; Stephen Ball; Paul S. Monks; Emanuela Finessi; Andrew R. Rickard; Maria T. Baeza-Romero; Salvatore Peppe; Amalia Munoz Cintas. En: Geophysical Research Abstracts Vol. 15. 15 - EGU2013-8522,

67 Title of the work: INFLUENCE OF WINTER AND SUMMER METEOROLOGICAL CONDITIONS ON CHEMICAL REACTION MECHANISMS AND GENERATION OF SECONDARY PRODUCTS: SIMULATIONS AT THE EUPHORE CHAMBER

Name of the conference: 4th International Meeting on Meteorology and Climatology of the Mediterranean

Date of event: 27/02/2013

End date: 01/02/2013

M. Vázquez; F. Alacreu; E. Borrás; E. García; T. Gómez; A. Muñoz; M. Ródenas; N. Roselló; P. Sánchez; T. Vera; J. L. Palau.

68 Title of the work: PESTICIDES DISPERSION: A CASE STUDY IN THE VALENCIAN REGION

Name of the conference: 4th International Meeting on Meteorology and Climatology of the Mediterranean

Date of event: 27/02/2013

End date: 01/02/2013

T. Vera; A. Muñoz; J. L. Palau; F. Rovira; P. Sánchez; M. Vázquez.

69 Title of the work: INVESTIGATION OF A PARTICLE INTO LIQUID SAMPLER TO STUDY THE FORMATION & AGEING OF SECONDARY ORGANIC AEROSOL

Name of the conference: AGU Fall meeting.

City of event: San Francisco,

Date of event: 12/2012

Kelly Pereira; Jacqueline Hamilton; Andrew Rickard; William Bloss; Muhammad Alam; Marie Camredon; Amalia Muñoz; Mónica Vázquez; Esther Borrás; Mila Ródenas.

70 Title of the work: Investigation of a Particle into Liquid Sampler to Study the Formation & Ageing of Secondary Organic Aerosol

Name of the conference: Atmospheric Chemical Mechanisms conference, UC Davis

Date of event: 12/2012

W.J. Bloss; M.S. Alam; A.R. Rickard; J.F. Hamilton; K.L.F. Pereira; M. Camredon; A. Muñoz; M Vázquez; P Alacreu; M Ródenas; T Vera Congress AGU Fall Meeting; San Francisco; Dec 2012: A33L-0313 The Atmospheric Chemistry of Methyl Chavicol (Estragole) (talk) W.J. Bloss; M.S. Alam; A.R. Rickard; J.F. Hamilton; K.L.F. Pereira; M. Camredon; A. Muñoz; M Vázquez; P Alacreu; M Ródenas; T Vera.

71 Title of the work: The atmospheric chemistry of Methyl Chavicol

Name of the conference: Atmospheric Chemical Mechanisms conference, UC Davis, Dec 2012

Date of event: 12/2012

William J. Bloss; Mohammed S. Alam; Andrew Rickart; J. F. Hamilton; K. L. Pereira; Marie Camredon; Amalia Munoz; Monica Vazquez; Mila Rodenas; Teresa Vera; Esther Borrás.

72 Title of the work: The Atmospheric Chemistry of Methyl Chavicol (Estragole)

Name of the conference: American Association for Aerosol Research, 31st Annual Conference, Minneapolis, Oct 2012: Abstract 2AC.42, 2012

Date of event: 10/2012

Kelly Pereira; Jacqueline Hamilton; Andrew Rickard; William Bloss; Muhammad Alam; Marie Camredon; Amalia Muñoz; Mónica Vázquez; Esther Borrás; Mila Ródenas.

73 Title of the work: NITROGEN-OXIDES REDUCTION POTENTIAL OF MATERIALS IMPREGNATED WITH PHOTOACTIVE ADDITIVES: STUDIES UNDER CONTROLLED NEARLY-REALISTIC CONDITIONS AT THE EUPHORE SIMULATION CHAMBER.



Name of the conference: PHOTOPAQ. Demonstration of Photocatalytic remediation Processes on Air Quality

Type of participation: 'Participatory - poster

City of event: Corsica, France,

Date of event: 12/05/2012

End date: 18/05/2012

A. Muñoz; M. Vázquez; M. Ródenas; F. Alacreu; E. Borrás; T. Vera; P. Sánchez; Francisco Sanz and J. Valero. 12/2018.

74 Title of the work: STUDIES OF DIESEL EXHAUST EMISSIONS IN THE EUPHORE SMOG CHAMBER

Name of the conference: PHOTOPAQ. Demonstration of Photocatalytic remediation Processes on Air Quality

Type of participation: Participatory - oral communication

City of event: Corsica, France

Date of event: 12/05/2012

End date: 18/05/2012

With external admission assessment committee: Yes

E. Borrás; M. Ródenas; T. Vera; M. Vázquez; A. Muñoz.

75 Title of the work: MEASUREMENTS OF α -DICARBONYL COMPOUNDS: INSTRUMENT INTERCOMPARISON

Name of the conference: European Geosciences Union (EGU) General Assembly

City of event: Viena,

Date of event: 04/2012

M.T. Baeza-Romero; Andrew Rickard; Salvatore Peppe; Amalia Muñoz; Stephen Ball; Milagros Ródenas; Pilar Sánchez; Mark Daniel; Rainer Volkamer; Ryan Thalman; Frank Keutsch; Samuel Henry; Paul Monks; Ian Goodall; Esther Borrás; Mónica Vázquez. 04/2012.

76 Title of the work: NOX ANALYSER INTERFERENCE FROM ALKENES

Name of the conference: European Geosciences Union (EGU) General Assembly

City of event: Viena,

Date of event: 04/2012

W.J. Bloss; M.S. Alam; J.D. Lee; M. Vázquez; A. Muñoz and M. Rodenas. "NOX ANALYSER INTERFERENCE FROM ALKENES. Vol. 14, EGU2012-6330, 2012". En: Geophysical Research Abstracts. 04/2012.

77 Title of the work: ASSESSMENT OF HONO MEASUREMENTS: THE FIONA (FORMAL INTERCOMPARISON OF OBSERVATIONS OF NITROUS ACID) CAMPAIGN AT EUPHORE

Name of the conference: NATO ARW 984153. Disposal of Dangerous Chemicals in Urban Areas and Mega Cities. (Oxides and acids of nitrogen: their role in the oxidation capacity of urban areas and mega cities)

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Gdańsk, Poland

Date of event: 09/10/2011

End date: 13/10/2011

With external admission assessment committee: Yes

M. Ródenas; A. Muñoz; F. Alacreu; and Fiona Team. "ASSESSMENT OF HONO MEASUREMENTS: THE FIONA (FORMAL INTERCOMPARISON OF OBSERVATIONS OF NITROUS ACID) CAMPAIGN AT EUPHORE".

- 78** **Title of the work:** ATMOSPHERIC DEGRADATION OF THE PROPACHLOR HERBICIDE AND RELATED COMPOUNDS. KINETICS AND DEGRADATION PRODUCTS
Name of the conference: 14TH SYMPOSIUM IN PESTICIDE CHEMISTRY
City of event: Piacenza, Italy
Date of event: 30/08/2011
End date: 01/08/2011
Muñoz A.; Vera T.; Sidebottom H.; Mellouki A.; Rodenas M.; Borrás E."Book of abstracts".
- 79** **Title of the work:** FIELD MEASUREMENTS OF SELECTED PESTICIDES IN AMBIENT IR –GAS AND PARTICULATE PHASE- IN THE VALENCIAN REGION
Name of the conference: 14TH SYMPOSIUM IN PESTICIDE CHEMISTRY
City of event: Piacenza, Italy
Date of event: 30/08/2011
End date: 01/09/2011
Vera T.; Muñoz A., , Sanchez P., Palau J.L., Borrás E."Book of abstracts". 2030.
- 80** **Title of the work:** NO2 intercomparison at the euphore simulation chambers during the FIONA campaign
Name of the conference: European Geosciences Union (EGU) General Assembly
City of event: Viena,
Date of event: 04/2011
M. Ródenas; A. Muñoz; M. Vázquez; E. Clemente; F. Alacreu; P. Mikuška; Z. Veřeš; D.S. Venables; J. Chen; M. Daniels; S. Ball; A.A. Ruth; H-P. Dorn; R. Varma.
- 81** **Title of the work:** The FIONA campaign: formal intercomparison of observations of nitrous acid
Name of the conference: European Geosciences Union (EGU) General Assembly
City of event: Viena,
Date of event: 03/2011
M. Ródenas; A. Muñoz; F. Alacreu; H-P. Dorn; T. Brauers; J. Kleffmann; P. Mikuška; Z. Veřeš; R. Häsel; C. Ye; A. Ruth; S. Dixneuf; D. Venables; S. Darby; J. Chen; E. Ashu-ayem; Y. Elshorbany; C. Voigt; P. Jessberger; S. Kaufmann; D. Schauble; A. Mellouki; M. Cazaunau; B. Grosseli; J-F. Doussin; A. Colomb; V. Michoud; K. Miet; Charbel Afif; S. Ball; M. Daniels; I. Goodall; D. Tan; R. Stickel; A. Case; B. Rappenglück; G. Croxatto; J. Dibb; E. Scheuer; X. Zhou; M. Ferm; R. Varma; M. Pilling; E. Clemente; R. Porras; T. Vera; M. Vázquez; E. Borrás; J. Valero; W. Bloss.
- 82** **Title of the work:** Why are precise HONO measurements important?,
Name of the conference: Workshop On Fiona Results Discussion
Type of event: Workshop
Type of participation: Participatory - others
City of event: Valencia,
Date of event: 2011
A. Muñoz.
- 83** **Title of the work:** FORMAL INTERCOMPARISON OF OBSERVATIONS OF NITROUS ACID (FIONA): CAMPAIGN AND OPEN EXPERIMENT RESULTS
Name of the conference: Atmospheric chemical mechanism
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Davis, California, United States of America
Date of event: 08/12/2010
End date: 10/12/2010
M. Ródenas; A. Muñoz; F. Alacreu; H-P. Dorn; T. Brauers; J. Kleffmann; W. Bloss; P. Mikuška; Z. Veřeš; R. Häsel; C. Ye; A. Ruth; S. Dixneuf; D. Venables; S. Darby; J. Chen; E. Ashu-ayem;



Y. Elshorbany; C. Voigt; P. Jessberger; S. Kaufmann; D. Schäuble; A. Mellouki; M. Cazaunau; B. Grosselin; A. Colomb; V. Michoud; K. Miet; S. Ball; M. Daniels; I. Goodall; D. Tan; R. Stickel; A. Case; B. Rappenglück; G. Croxatto; C. Percival; A. Bacak; M. McGuillen; J. Dibb; E. Scheuer; X. Zhou; M. Ferm; R. Varma; M. Pilling; E. Clemente; R. Porras; T. Vera; M. Vázquez; E. Borrás; J. Valero. "Book of abstracts. <http://conferences.ucdavis.edu/confreg/?confid=497>". Available on-line at: <http://conferences.ucdavis.edu/confreg/?confid=497>.

84 Title of the work: GAS PHASE ATMOSPHERIC DEGRADATION OF SELECTED ORGANOTHIOPHOSPHOROUS INSECTICIDES. KINETICS AND DEGRADATION PRODUCTS

Name of the conference: Atmospheric chemical mechanism

City of event: Davis, California, United States of America

Date of event: 08/12/2010

End date: 10/12/2010

Amalia Muñoz; Abdelwahid Mellouki; Teresa Vera; Howard Sidebottom; Esther Borrás; Milagros Ródenas; Annaik LePerson; Stéphane Le Calvé; Eva Clemente; Mónica Vázquez; Rosa Porras. "Book of abstracts. <http://conferences.ucdavis.edu/confreg/?confid=497>". 08/2010.

85 Title of the work: FORMAL INTERCOMPARISON OF OBSERVATIONS OF NITROUS ACID (FIONA) TECHNICAL WORKSHOP

Name of the conference: INTROP Final Conference - Tropospheric Chemistry

Type of event: Conference

Geographical area: European Union

City of event: St. Bernardin, Slovenia

Date of event: 14/04/2009

End date: 17/04/2009

M. Ródenas; A. Muñoz; F. Alacreu; M. Millán. "Book of abstracts".

86 Title of the work: THE EUROCHAMP DATABASE OF EUROPEAN ATMOSPHERIC SIMULATION CHAMBERS

Name of the conference: INTROP Final Conference - Tropospheric Chemistry

City of event: St. Bernardin, Slovenia

Date of event: 14/04/2009

End date: 17/04/2009

A. Muñoz; E. Gómez-Alvarez; J. Valero; M. Vázquez; M. Ródenas. "Book of abstracts".

87 Title of the work: Estudio de la persistencia en aire de pesticidas y sus productos de degradación

Name of the conference: 1ª Jornadas de Investigación en seguridad alimentaria

Type of participation: Participatory - oral communication

City of event: Valencia, Spain

Date of event: 2009

A. Muñoz; E. Borrás; P. Sanchez; Teresa Vera; M. Ródenas; M. Vázquez; M. Marqués; E. Gómez-Alvarez; M. Millán.

88 Title of the work: STUDIES OF ATMOSPHERIC DEGRADATION OF DIAZINON AT EUPHORE CHAMBERS

Name of the conference: Pesticide behaviour in soil water and air conference Symposium

City of event: York, UK,

Date of event: 2009

Amalia Muñoz; Annaik Le Person; Abdelwahid Mellouk; Esther Borrás; Teresa Vera; Veronique Daële; Stéphane Le Calvé. "Book of abstracts".



- 89** **Title of the work:** THE ATMOSPHERIC FATE OF PESTICIDES: SIMULATION CHAMBER STUDIES
Name of the conference: Atmospheric Chemical Mechanisms. UC, USA
City of event: Davis, California, United States of America
Date of event: 10/12/2008
End date: 12/12/2008
Amalia Muñoz; Teresa Vera; Milagros Ródenas; Esther Borrás; Mónica Vázquez; María Marqués; Wahid Mellouki; Howard Sidebottom; Elena Gómez-Alvarez. "Book of abstracts".
- 90** **Title of the work:** THE EUROCHAMP DATABASE OF EUROPEAN ATMOSPHERIC SIMULATION CHAMBERS
Name of the conference: Atmospheric Chemical Mechanisms. UC, USA
City of event: Davis, California,, United States of America
Date of event: 10/12/2008
End date: 12/12/2008
Amalia Muñoz; Elena Gómez-Alvarez; Joaquín Valero; Esther Borrás. "Book of abstracts".
- 91** **Title of the work:** EFFECT OF OH SCAVENGER AND HUMIDITY ON SECONDARY ORGANIC AEROSOL FORMATION FROM THE REACTION OF 2-METHYLSTYRENE WITH OZONE
Name of the conference: EGU General Assembly 2008
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Vienna, Austria,
Date of event: 04/2008
A. Muñoz; J. C. Wenger. "Geophysical Research Abstracts. Vol. 10, EGU2008-A-02278, 2008". 2008.
- 92** **Title of the work:** AEROSOL FORMATION FROM OXIDATION OF PESTICIDES. AN ATMOSPHERIC CHAMBER STUDY
Name of the conference: EGU General Assembly 2008
Type of participation: 'Participatory - poster
City of event: Vienna, Austria,
Date of event: 2008
E. Borrás; L. A. Tortajada-Genaro; A. Muñoz. "Geophysical Research Abstracts. Vol. 10, EGU2008-A-03452, 2008". 2008.
- 93** **Title of the work:** AEROSOL FORMATION FROM OXIDATION OF PESTICIDES: HYMEXAZOL AND CHLORPYRIFOS-METHYL. AN ATMOSPHERIC CHAMBER STUDY
Name of the conference: 5th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 11th Symposium on Chemistry and Fate of Modern Pesticides,
City of event: Marseille, France
Date of event: 2008
E. Borrás; A. Muñoz; T. Vera; M. Ródenas M. Vázquez. "Book of abstracts".
- 94** **Title of the work:** ATMOSPHERIC FATE OF HYMEXAZOL: SIMULATION CHAMBER STUDIES
Name of the conference: 5th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 11th Symposium on Chemistry and Fate of Modern Pesticides,
Type of participation: Participatory - oral communication
City of event: Marseille, France
Date of event: 2008
Teresa Vera; Amalia Muñoz; Mila Ródenas; Mónica Vázquez; Esther Borrás; Maria Marqués; Wahid Mellouki; Howard Sidebottom. "Book of abstracts". 2022.



- 95** **Title of the work:** ATMOSPHERIC FATE OF PESTICIDES: STUDIES OF THE ATMOSPHERIC DEGRADATION OF PESTICIDES AT EUPHORE CHAMBERS.
Name of the conference: 1st Sino-French Joint Workshop on Atmospheric Environment. Urban and Regional Air Quality: Emissions, Processes, Monitoring and Regulations
City of event: Beijing, China
Date of event: 2008
A. Muñoz; T. Vera; A. Mellouki; E. Borrás; M. Rodenas; M. Vázquez and M. Marqués. "Book of abstracts". 2008.
- 96** **Title of the work:** EUPHORE CHAMBER STUDIES ON THE ATMOSPHERIC DEGRADATION OF CHLORPYRIFOS-METHYL
Name of the conference: 5th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 11th Symposium on Chemistry and Fate of Modern Pesticides,
City of event: Marseille, France
Date of event: 2008
Amalia Muñoz; Teresa Vera; Milagros Ródenas; Esther Borrás; Mónica Vázquez; María Marqués; Elena Gómez-Alvarez. "Book of abstracts".
- 97** **Title of the work:** EUROCHAMP ACTIVITY N2: CENTRAL DATABASE OF ENVIRONMENTAL CHAMBER STUDIES
Name of the conference: Eurochamp assesment meeting
City of event: Hotel Kloster Johannisberg, Germany
Date of event: 2008
A. Muñoz. 2017.
- 98** **Title of the work:** STUDIES OF THE ATMOSPHERIC DEGRADATION OF PESTICIDES AT EUPHORE
Name of the conference: EGU General Assembly 2008
Type of participation: Participatory - oral communication
City of event: Vienna, Austria,
Date of event: 2008
A. Muñoz; T. Vera; A. Mellouki; E. Borrás; M. Ródenas; M. Vázquez and M. Marqués. "Geophysical Research Abstracts. Vol. 10, EGU2008-A-03339, 2008". 2008.
- 99** **Title of the work:** THE ATMOSPHERIC OXIDATION OF HALOGENATED ALDEHYDES AND UNSATURATED OXYGENATED COMPOUNDS
Name of the conference: 1st Sino-French Joint Workshop on Atmospheric Environment. Urban and Regional Air Quality: Emissions, Processes, Monitoring and Regulations
City of event: Beijing, China
Date of event: 2008
R. Morris; L. Viero; H. Sidebottom*; A. Mellouki; G. LeBras; T. Vera-Espallardo; A. Muñoz. "Book of abstracts".
- 100** **Title of the work:** THE EUROCHAMP DATABASE OF ATMOSPHERE SIMULATION CHAMBERS
Name of the conference: 1st Sino-French Joint Workshop on Atmospheric Environment. Urban and Regional Air Quality: Emissions, Processes, Monitoring and Regulations
City of event: Beijing, China
Date of event: 2008
Amalia Muñoz; Elena Gomez-Alvarez; Joaquín Valero. "Book of abstracts".
- 101** **Title of the work:** THE EUROCHAMP DATABASE OF EUROPEAN ATMOSPHERE SIMULATION CHAMBERS
Name of the conference: EGU General Assembly 2008



Type of participation: 'Participatory - poster

City of event: Vienna, Austria,

Date of event: 2008

A. Muñoz; E. Gómez-Alvarez; J. Valero."Geophysical Research Abstracts. Vol. 10, EGU2008-A-03357, 2008". 2008.

102 Title of the work: THE SIMULATION OUTODOOR CHAMBER EUPHORE. A RESEARCH PLATFORM TO STUDY ATMOSPHERIC PROCESSES

Name of the conference: 1st Sino-French Joint Workshop on Atmospheric Environment. Urban and Regional Air Quality: Emissions, Processes, Monitoring and Regulations

Type of participation: Participatory - oral communication

City of event: Beijing, China

Date of event: 2008

Amalia Muñoz and EUPHORE team. "Book of abstracts".

103 Title of the work: EUROCHAMP ACTIVITY N2: CENTRAL DATABASE OF ENVIRONMENTAL CHAMBER STUDIES

Name of the conference: Second ACCENT Symposium 2007 Atmospheric Composition Change. Causes and Consequences- Local to Global

City of event: Urbino,

Date of event: 07/2007

A. Muñoz; E. Schlosser; E. Gómez; E. Borrás; M.Ródenas; T. Vera; M.Vázquez; A. Carrascosa; T. Brauers. 07/2007.

104 Title of the work: THE AFIP PROJECT.

Name of the conference: Informative conference sessions about European projects of energy and environment.

Type of participation: Participatory - oral communication

City of event: ECOFIRA. Paterna, Valencia,

Date of event: 31/05/2007

A. Muñoz. 31/05/2007.

105 Title of the work: OVERVIEW OF THE EUROCHAMP DATABASE OF EUROPEAN ATMOSPHERE SIMULATION CHAMBERS

Name of the conference: THE NATO ADVANCED RESEARCH WORKSHOP: Simulation and Assessment of Chemical Processes in a Multiphase Environment.,

Type of participation: Participatory - oral communication

City of event: Alushta, Ukraine,

Date of event: 2007

A. Muñoz; E Gómez-Alvarez. "Simulation and Assessment of Chemical Processes in a Multiphase Environment. Nato Science for Peace and Security Series –C: Environmental Security".

106 Title of the work: THE EUROCHAMP CHAMBER EXPERIMENT DATABASE: GOALS AND USES. PRESENT AND FUTURE POTENTIAL BENEFITS.

Name of the conference: the NATO ADVANCED RESEARCH WORKSHOP: Simulation and Assessment of Chemical Processes in a Multiphase Environment., Publicación Simulation and Assessment of Chemical Processes in a Multiphase Environment. Nato Science for Peace and Security Series –C: Environmental Security

Type of participation: Participatory - oral communication

City of event: Alushta, Ukraine,

Date of event: 2007

E. Gómez-Alvarez; M. Vázquez; A. Muñoz; T. Brauers; M. Pilling; H. Saathoff; J. Hjorth.

- 107 Title of the work:** THE USE OF EUPHORE FACILITY FOR STUDYING THE ATMOSPHERIC FATE OF PESTICIDES
Name of the conference: . the XIII Symposium in Pesticide Chemistry
Type of participation: Participatory - oral communication
City of event: Piazenca, Italia,
Date of event: 03/2006
Vera T.; Muñoz A.; Mellouki A.; Rodenas M.; Vazquez M. 03/2006.
- 108 Title of the work:** CEAM CONTRIBUTION TO THE EUROCHAMP ACTIVITY N2.CENTRAL DATABASE OF ENVIRONMENTAL CHAMBER STUDIES
Name of the conference: Gas Kinetics 2006
Type of participation: 'Participatory - poster
City of event: Orleans,
Date of event: 2006
A. Muñoz; B. Correa; E. Gómez; E. Borrás; T. Vera; M. Vázquez; M. Rodenas; A. Carrascosa; K. Wirtz. 2028.
- 109 Title of the work:** CORRECTION FOR THE ABSORPTION CROSS-SECTION OF HCHO. COMPARISON BETWEEN TECHNIQUES
Name of the conference: Third International DOAS Workshop. ACCENT-TROPOSAT-2 (AT2).
Type of participation: 'Participatory - poster
City of event: Bremen,
Date of event: 2006
M. Ródenas; T. Vera; A. Muñoz; M. Pons; K. Wirtz.
- 110 Title of the work:** PHOTOLYSIS OF CHLOROPICRIN
Name of the conference: Gas Kinetics 2006
Type of participation: 'Participatory - poster
City of event: Orleans,
Date of event: 2006
T. Vera; A. Muñoz; M. Rodenas; M. Vázquez; I. Ismael; H. Sidebottom; A. Mellouki. 2006.
- 111 Title of the work:** 2-NITROPHENOL AS SECONDARY HONO SOURCE FROM PHOTOLYSIS REACTIONS
Name of the conference: "Invited Expert Workshop Nitrous acid: Tropospheric Chemistry, Measurement Methods and Future Directions". Bergische Universität Wuppertal (BUW)
City of event: Wuppertal, Germany
Date of event: 03/2005
E. Borrás; L.A. Tortajada-Genaro; M. Marqués; M. Ródenas; M. Vázquez; E. G. Álvarez; A. Muñoz; I. Barnes. 03/2005.
- 112 Title of the work:** HONO MEASUREMENT INTERCOMPARISON BY DIFFERENT TECHNIQUES AT THE EUPHORE CHAMBERS
Name of the conference: Presented in "Invited Expert Workshop Nitrous acid: Tropospheric Chemistry, Measurement Methods and Future Directions". Bergische Universität Wuppertal (BUW), Germany
City of event: Wuppertal, Germany
Date of event: 03/2005
M. Ródenas; A. Muñoz; M. Marqués; M. Vázquez.03/2005.

- 113 Title of the work:** MEASUREMENT OF NITROUS ACID DURING THE MILAGRO CAMPAIGN IN SUPERSITE T1
Name of the conference: Presented in "Invited Expert Workshop Nitrous acid: Tropospheric Chemistry, Measurement Methods and Future Directions". Bergische Universität Wuppertal (BUW)
City of event: Wuppertal, Germany
Date of event: 03/2005
A. Muñoz; Luis G. Ruiz; M. Ródenas. 03/2005.
- 114 Title of the work:** A STUDY OF THE OH REACTION WITH N-METHYL-2-PYRROLIDONE, N-METHYLSUCCINIMIDE AND 1-FORMYL-2-PYRROLIDINONE
Name of the conference: European Geosciences Union. General Assembly
Type of participation: 'Participatory - poster
City of event: Vienna, Austria,
Date of event: 2005
G. Solignac; I. Magneron; A. Mellouki; G. Le Bras; A. Muñoz and K. Wirtz. "Geophysical Research Abstracts". 2005.
- 115 Title of the work:** REDUCCIÓN DE LA EMISIÓN DE CONTAMINANTES EN CABINAS DE BARNIZADO DEL SECTOR DEL MUEBLE
Name of the conference: EUROCOAT (International exhibition & Congress for the paint, pigment, varnish, printing, ink & adhesives industries
City of event: Barcelona,
Date of event: 2002
A. Muñoz; M. Belanche. "EUROCOAT, International exhibition & Congress for the paint, pigment, varnish, printing, ink & adhesives industries. UATCM". 2002.
- 116 Title of the work:** APLICACIONES DEL OZONO PARA EL TRATAMIENTO DE DISOLVENTES ORGÁNICOS EN EL SECTOR DEL MUEBLE Y AFINES
Name of the conference: FIMMA-MADERALIA
City of event: Valencia,
Date of event: 2000
A. Muñoz. 2000.

Other dissemination activities

- 1 Title of the work:** La Química está en el aire
Name of the event: Semana de la Ciencia
City of event: Quart de Poblet,
Date of event: 07/11/2022
Organising entity: Quart es Ciencia
- 2 Title of the work:** El proyecto CAPOX
Name of the event: Jornada de Difusión Científica. Calidad del aire urbano: resultados del proyecto CAPOX
City of event: Ciudad Real,
Date of event: 21/09/2022
Organising entity: Universidad de Casitalla La Mancha
City organizing entity: Ciudad Real,

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Eurochamp Executive Board
Affiliation entity: proyecto EUROCHAMP2020. Unión Europea. Referencia H2020 GA 730997
Start date: 01/12/2016
- 2** **Committee title:** EUPHORE Advisory Committee
Affiliation entity: Fundación CEAM
Start date: 01/05/2010
- 3** **Committee title:** Eurochamp Management Committee.
Affiliation entity: proyecto EUROCHAMP2 (Integration of European Simulation Chambers for Investigating atmospheric processes. Unión Europea. Referencia FP-7228335
Start date: 01/05/2009
- 4** **Committee title:** User Selection Panel (TA USP) de actividades transnacionales del proyecto EUROCHAMP2 (Integration of European Simulation Chambers for Investigating atmospheric processes
Affiliation entity: Unión Europea. Referencia FP-7228335
Start date: 01/05/2009
- 5** **Committee title:** Eurochamp Steering Committee
Affiliation entity: proyecto EUROCHAMP (Integration of European Simulation Chambers for Investigating atmospheric processes. Unión Europea. Referencia FP-505968
Start date: 01/01/2006

Organization of R&D activities

- 1** **Title of the activity:** 13th European Conference on Ecological Restoration
Type of activity: Conference
Geographical area: European Union
Convening entity: Universidad de Alicante
Type of participation: Organiser
Start-End date: 05/09/2022 - 09/09/2022
- 2** **Title of the activity:** 14th Air Quality Workshop
Type of activity: workshop de ambito internacional
Convening entity: Fundación Centro de Estudios Ambientales del Mediterráneo
Type of entity: Innovation and Technology Centres
Type of participation: Organiser
Nº assistants: 35
Start-End date: 05/10/2016 - 06/10/2016
- 3** **Title of the activity:** European Workshop on Pesticides in ambient air
Geographical area: European Union
Convening entity: FISABIO- CEAM
City convening entity: Valencia, Spain
Type of participation: Organiser

**Nº assistants:** 20**Start-End date:** 26/05/2014 - 27/05/2014**4 Title of the activity:** Formal Intercomparison of Observations of Nitrous Acid (FIONA). Technical Workshop**Type of activity:** Jornadas científico tecnológico de ámbito internacional. Discusión de resultados de la campaña de medida**Geographical area:** Non EU International**Convening entity:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**City convening entity:** Valencian Community, Spain**Type of participation:** Organiser**Nº assistants:** 25**Start-End date:** 28/11/2011 - 29/11/2011**5 Title of the activity:** EUROCHAMP2 DATABASE AND SPECTROSCOPIC TOOLS WORKSHOP**Type of activity:** Jornadas científico tecnológico de ámbito internacional.**Geographical area:** European Union<http://www.eurochamp.org/events/2010/>**City of event:** Valencian Community, Spain**Convening entity:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**City convening entity:** Valencia**Type of participation:** Organiser**Nº assistants:** 30**Start-End date:** 20/10/2010 - 21/10/2010**6 Title of the activity:** II European workshop on pesticides in ambient air**Type of activity:** jornada europea**Geographical area:** European Union**Convening entity:** FISABIO**City convening entity:** Valencia, Spain**Type of participation:** Comité científico**Nº assistants:** 40**Start date:** 13/12/2022**7 Title of the activity:** Las Smart Cities al servicio de la ciudadanía**Type of activity:** Jornada de divulgación científica-técnica para entidades locales y público en general**Geographical area:** Regional**City of event:** Quart de Poblet, Valencian Community, Spain**Convening entity:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**City convening entity:** Paterna, Valencian Community, Spain**Type of participation:** Organiser**Nº assistants:** 80**Start date:** 08/04/2016**8 Title of the activity:** Jornadas Científicas sobre evaluación de resultados de la campaña FIONA**Type of activity:** Jornadas científico tecnológico de ámbito internacional en química atmosférica**Geographical area:** Non EU International**Convening entity:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**Type of participation:** Organiser

**Nº assistants:** 30**Start date:** 11/2011**9 Title of the activity:** EUPHORE ADVISORY COMMITTEE**Type of activity:** Reunión**Geographical area:** European Union**City convening entity:** Paterna, Spain**Type of participation:** Organiser**Start date:** 19/10/2010**10 Title of the activity:** Formal Intercomparison of Observations of Nitrous Acid (FIONA). Campaign**Type of activity:** Campaña de intercomparación de instrumentación para la medida de ácido nitroso en aire Organizadora**Geographical area:** EUPHORE**Convening entity:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**Type of participation:** Organiser**Nº assistants:** 50**Start date:** 2010**Duration:** 1 month**11 Title of the activity:** EUROCHAMP DATABASE WORKSHOP**Type of activity:** Seminario científico tecnológico de ambito internacional**Geographical area:**http://www.eurochamp.org/events/2006/database_workshop**City of event:** Valencia,**Convening entity:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**Type of participation:** Organiser**Start date:** 2006**12 Title of the activity:** Organización de campañas de medida en los reactores EUPHORE, por parte de grupos de investigación extranjeros**Type of activity:** campañas de medidas/proyectos científicos <http://euphore.es>**Geographical area:** Química atmosférica**Type of participation:** Organiser**Start date:** 2006**R&D management****1 Name of the activity:** Dirección centro de investigación**Type of management:** Management of body**Performed tasks:** Dirección Ejecutiva**Entity:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**Start date:** 14/07/2021**2 Name of the activity:** EUPHORE Facility Coordinator**Type of management:** Group management**Entity:** Fundación Centro de Estudios Ambientales del Mediterráneo**Type of entity:** Innovation and Technology Centres**Start date:** 01/01/2009

Evaluation and revision of R&D projects and articles

- 1** **Performed tasks:** Miembro Tribunal Tesis Doctoral de Doña Clara Coscollá Raga
Entity where activity was carried out: Universitat de València **Type of entity:** University
Type of activity: Participation in panels
Start-End date: 2012 - 2012
- 2** **Name of the activity:** Evaluación proyectos Plan Nacional.
Performed tasks: Evaluación proyectos Plan Nacional. Área Clima y Atmósfera
Start date: 2022
- 3** **Name of the activity:** Evaluación proyectos Plan Nacional.
Performed tasks: Evaluación proyectos Plan Nacional. Área Clima y Atmósfera
Start date: 2021
- 4** **Name of the activity:** Evaluación proyectos Plan Nacional.
Performed tasks: Evaluación proyectos Plan Nacional. Área Clima y Atmósfera
Start date: 2020
- 5** **Performed tasks:** Revisor artículos científicos en la revista "Journal of Advanced Oxidation Technologies"
Entity where activity was carried out: Elsevier
Start date: 2016
- 6** **Performed tasks:** Revisor artículos científicos en la revista Science of the Total Environment
Entity where activity was carried out: Elsevier
Start date: 2016
- 7** **Performed tasks:** Revisor artículos científicos en la revista Water Research
Entity where activity was carried out: Elsevier
Start date: 2016
- 8** **Performed tasks:** Revisor artículos científico en la revista Chemosphere
Entity where activity was carried out: Elsevier
Frequency of the activity: 2
Start date: 2015
- 9** **Performed tasks:** Revisor artículos científico en la revista PCCP
Start date: 2015
- 10** **Performed tasks:** Revisor Articulos científicos en la revista "RSC advances"
Entity where activity was carried out: Royal Society Chemistry
Type of activity: Review of articles in scientific or technological journals **Frequency of the activity:** 1
Access system: Designated by the corresponding party without competition **Geographical area:** Non EU International
Start date: 2014



- 11** **Performed tasks:** Revisor artículos científicos revista "Chemical Physics Letter"
Entity where activity was carried out: Elsevier
Frequency of the activity: 3
Start date: 2014
- 12** **Performed tasks:** Revisor artículos científicos de la revista: Environmental Pollution
Entity where activity was carried out: Elsevier
Frequency of the activity: 1
Access system: Designated by the corresponding party without competition
Geographical area: Non EU International
Start date: 2014
- 13** **Performed tasks:** Revisor Artículos científicos en la revista "Environmental Science and Technology"
Entity where activity was carried out: American Chemical Society
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 4
Access system: Designated by the corresponding party without competition
Geographical area: Non EU International
Start date: 2013
- 14** **Performed tasks:** Revisor artículos científicos en la revista "The Journal of Physical Chemistry"
Entity where activity was carried out: American Chemical Society
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 1
Access system: Designated by the corresponding party without competition
Start date: 2013
- 15** **Performed tasks:** Revisor Artículos científicos en la revista "Atmospheric Environment"
Entity where activity was carried out: Elsevier
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 5
Access system: Designated by the corresponding party without competition
Geographical area: Non EU International
Start date: 2012
- 16** **Performed tasks:** Miembro Tribunal Trabajo de Investigación de D. Francisco Blasco
Entity where activity was carried out: Universitat de València
Type of entity: University
Start date: 2006

**C****V****N**

CURRÍCULUM VITAE NORMALIZADO

37cdf672db5e9c980c30fa3c7a76733d

Other achievements

Stays in public or private R&D centres

Entity: University College Cork

City of entity: Cork, Ireland

Start date: 2007

Goals of the stay: AYUDAS DE ESTANCIAS DE MOVILIDAD EN EL EXTRANJERO DEL PROGRAMA JOSÉ CASTILLEJO PARA JÓVENES DOCTORES