



**MARÍA JESUS GARCÍA
GALÁN**

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**MARÍA JESUS GARCÍA GALÁN**

Surname(s): **GARCÍA GALÁN**
 Name: **MARÍA JESUS**
 DNI: **46924976P**
 Date of birth: **03/10/1979**
 Gender: **Female**
 Nationality: **Spain**
 Country of birth: **Spain**
 Aut. region/reg. of birth: **Community of Madrid**
 Contact province: **Barcelona**
 City of birth: **Madrid**
 Contact address: **Carrer Sant Josep Oril 14 baixos**
 Postcode: **08911**
 Contact country: **Spain**
 Contact aut. region/reg.: **Catalonia**
 Contact city: **Badalona**
 Email: **chus3.garcia@gmail.com**
 Mobile phone: **(0034) 619819887**

Previous positions and activities

	Employing entity	Professional category	Start date
1	Institut des Sciences Analytiques de Lyon	Investigadora post-doctoral	05/10/2015
2	PARQUE CIENTÍFICO Y TECNOLÓGICO DE LA UNIVERSIDAD DE GIRONA	Investigadora post-doctoral	03/06/2013
3	INSTITUT CATALÀ DE RECERCA DE L'AIGUA - FUNDACIÓ PRIVADA	Investigadora post-doctoral	02/01/2013
4	INSTITUT CATALÀ DE RECERCA DE L'AIGUA - FUNDACIÓ PRIVADA	Técnico de investigación	02/04/2012
5	INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA	Investigador pre-doctoral	01/02/2006
6	Universitat Politècnica de Catalunya	Investigadora Post-doctoral	05/05/2016

1 **Employing entity:** Institut des Sciences Analytiques de Lyon **Type of entity:** R&D Centre
Department: Institut des Sciences Analytiques de Lyon
City employing entity: Lyon, Rhône-Alpes, France
Professional category: Investigadora post-doctoral **Educational Management (Yes/No):** No
Start-End date: 05/10/2015 - 22/04/2016 **Duration:** 7 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Full time

2 **Employing entity:** PARQUE CIENTÍFICO Y TECNOLÓGICO DE LA UNIVERSIDAD DE GIRONA
Department: Laboratorio de ingeniería química y ambiental
City employing entity: Girona, Catalonia, Spain
Educational Management (Yes/No): No



Professional category: Investigadora
post-doctoral

Start-End date: 03/06/2013 - 02/06/2014

Duration: 1 year

Type of contract: Temporary employment contract

Primary (UNESCO code): 230103 - Chromatographic analysis; 250811 - Quality of water

Secondary (UNESCO code): 240000 - Life Science; 250000 - Earth and space sciences

3 **Employing entity:** INSTITUT CATALÀ DE RECERCA DE L'AIGUA - FUNDACIÓ PRIVADA

Professional category: Investigadora post-doctoral

Start-End date: 02/01/2013 - 31/05/2013

Duration: 6 months

Type of contract: Temporary employment contract

Primary (UNESCO code): 230100 - Analytical chemistry; 239100 - Environmental Chemistry;
250811 - Quality of water

4 **Employing entity:** INSTITUT CATALÀ DE RECERCA DE L'AIGUA - FUNDACIÓ PRIVADA

Professional category: Técnico de investigación

Start-End date: 02/04/2012 - 31/12/2012

Duration: 1 year

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 230100 - Analytical chemistry; 239100 - Environmental Chemistry;
250811 - Quality of water

5 **Employing entity:** INSTITUTO DE
DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL
AGUA

Type of entity: State agency

Professional category: Investigador pre-doctoral **Educational Management (Yes/No):** No

Email: chus3.garcia@gmail.com

Start-End date: 01/02/2006 - 31/03/2012

Duration: 6 years

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Dedication regime: Full time

Primary (UNESCO code): 230103 - Chromatographic analysis; 239100 - Environmental Chemistry;
250811 - Quality of water

Identify key words: Mass spectrometry; Liquid chromatography (uv, luminiscence, ms,
electochemical, etc)

6 **Employing entity:** Universitat Politècnica de
Catalunya

Type of entity: University

Professional category: Investigadora Post-doctoral

Start date: 05/05/2016

Duration: 2 years



Education

University education

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

- 1 University degree:** Higher degree
Name of qualification: Master en Geociencias Aplicadas al Medioambiente
Degree awarding entity: UNIVERSITÄT TÜBINGEN **Type of entity:** University
Date of qualification: 2005
- 2 University degree:** Higher degree
Name of qualification: Ciencias Ambientales
Degree awarding entity: Universidad Autónoma de Madrid **Type of entity:** University
Date of qualification: 22/03/2002

Doctorates

Doctorate programme: Programa Oficial de Doctorado en Química Analítica del Medio Ambiente y la Polución
Degree awarding entity: Universitat de Barcelona **Type of entity:** University
City degree awarding entity: Barcelona, Catalonia, Spain
Date of degree: 31/01/2013
DEA awarding entity: Universitat de Barcelona
Date DEA was awarded: 2007
European doctorate: Yes **Date of certificate:** 22/05/2013
Thesis title: ESTUDIO DE LA PRESENCIA Y COMPORTAMIENTO DE LAS SULFAMIDAS EN EL MEDIO AMBIENTE
Thesis director: DAMIÀ BARCELÓ CULLERES
Thesis co-director: M. SILVIA DÍAZ CRUZ
Obtained qualification: CUM LAUDE

Other postgraduate university studies

- 1 Type of education:** University Extension
Postgraduate qualification: Curso superior en gestión del agua
Degree awarding entity: FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM
Faculty, institute or centre: SCIENCES
Date of qualification: 2003
- 2 Postgraduate qualification:** Curso superior en evaluación de impacto medioambiental
Degree awarding entity: Universidad Politécnica de Madrid **Type of entity:** University
Date of qualification: 2003



Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French		A1	A1	A1	A1
Catalan		C1	C1	C1	B1
German		C1	C1	C1	C1
English		C1	C1	C1	C1

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:** INCOVER: Innovative Eco-Technologies for Resource Recovery from Wastewater
Entity where project took place: Universitat Politècnica de Catalunya **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Name principal investigator (PI, Co-PI....): Joan Garcia
Nº of researchers: 30
Funding entity or bodies: European Union
Start-End date: 01/06/2016 - 31/05/2019
Total amount: 7.209.031,56 €
- 2 Name of the project:** SCARCE: Assessing and predicting effects on water quantity and quality in Iberian rivers caused by global change
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): DAMIÀ BARCELÓ CULLERES
Nº of researchers: 12
Funding entity or bodies: Ministerio de Ciencia e Innovación. Investigación **Type of entity:** Ministry
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Others
Name of the programme: Plan Nacional de Investigación Científica
Code according to the funding entity: Consolider-Ingenio 2010 CSD2009-00065
Start-End date: 2009 - 2014
- 3 Name of the project:** CEMAGUA: Estudio de la presencia y destino de contaminantes emergentes en aguas subterráneas y superficiales y desarrollo de herramientas analíticas para su control medioambiental
Geographical area: National



Degree of contribution: Researcher

Entity where project took place: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): DAMIÀ BARCELÓ CULLERES

Funding entity or bodies:

Ministerio de Ciencia e Innovación. Investigación **Type of entity:** Ministry

City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Others

Name of the programme: Plan Nacional de Investigación Científica.

Code according to the funding entity: CGL2007-64551/HID

Start-End date: 2007 - 2012

Total amount: 435.600 €

4 Name of the project: MODELKEY: Models for Assessing and Forecasting the Impact of Environmental Key Pollutants on Marine and Freshwater Ecosystems and Biodiversity

Type of project: Basic research (including archaeological digs, etc) **Geographical area:** European Union

Degree of contribution: Researcher

Entity where project took place: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): WERNER BRACK; DAMIÀ BARCELÓ

Funding entity or bodies:

European Union

Type of participation: Others

Name of the programme: Sixth Framework Programme: Sustainable Development, Global Change and Ecosystems

Code according to the funding entity: CONTRATO NUM. 511237 (GOCE)

Start-End date: 2005 - 2010

Total amount: 382.036 €

5 Name of the project: RISKBASE: Integrated Risk Based Management of the water-sediment-soil system at river-basin scale

Geographical area: European Union

Degree of contribution: Researcher

Entity where project took place: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): JOS BRILIS; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES

Funding entity or bodies:

European Union

Type of participation: Others

Name of the programme: Sixth Framework Programme: Sustainable Development, Global Change and Ecosystems

Code according to the funding entity: 36938

Start-End date: 2006 - 2009

Duration: 36 months

Total amount: 1.612.298 €



- 6** **Name of the project:** AQUATERRA: Integrated modelling of the river-sediment-soil-groundwater system. Global Change and Ecosystems Integrated Project
Type of project: Research and development, including transfer
Geographical area: European Union
Degree of contribution: Researcher
Entity where project took place: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA
Type of entity: State agency
Name principal investigator (PI, Co-PI....): JOHANNES BARTH; DAMIÁ BARCELÓ
Nº of researchers: 45
Funding entity or bodies: European Union
Type of participation: Others
Name of the programme: Sixth Framework Programme: Sustainable Development, Global Change and Ecosystems
Code according to the funding entity: AQUATERRA-GOCE 505428
Start-End date: 2004 - 2009
Duration: 60 months
Total amount: 650.000 €
- 7** **Name of the project:** NOMIRACLE: Novel Methods for Integrated Risk Assessment of Cumulative Stressors in Europe
Geographical area: European Union
Degree of contribution: Researcher
Entity where project took place: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA
Type of entity: State agency
City of entity: BARCELONA, Catalonia, Spain
Name principal investigator (PI, Co-PI....): HANS LOKKE
Funding entity or bodies: European Union
Type of participation: Others
Name of the programme: Sixth Framework Programme: Sustainable Development, Global Change and Ecosystems
Code according to the funding entity: CONTRATO IP NUM. 003956
Start-End date: 2004 - 2009
Duration: 5 years
Total amount: 134.981 €
Dedication regime: Full time
- 8** **Name of the project:** EVITA: Estudio integrado de eliminación, vigilancia avanzada e impacto ambiental de contaminantes emergentes en la depuración de aguas residuales urbanas e industriales
Identify key words: Mass spectrometry; Liquid chromatography (uv, luminiscence, ms, electrochemical, etc)
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA
Type of entity: State agency
Name principal investigator (PI, Co-PI....): Damià Barceló Culleres
Funding entity or bodies: Ministerio de Ciencia e Innovación. Investigación
Type of entity: Ministry
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Others



Name of the programme: Plan Nacional de Investigación Científica
Code according to the funding entity: CTM2004-06265-C03-01/TECNO
Start-End date: 2004 - 2007
Total amount: 75.800 €

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

1 **Name of the project:** Anàlisi de compostos plaguicides polars i sulfamides de mostres de la xarxa de control de les aigües subterrànies
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): DAMIÀ BARCELÓ CULLERES
Participating entity/entities: INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA
Funding entity or bodies:
 Agencia Catalana del Agua **Type of entity:** State agency
City funding entity: Barcelona, Catalonia, Spain
Start date: 01/06/2009 **Duration:** 6 months
Total amount: 41.700 €

2 **Name of the project:** Suport als grups de recerca (SGR-DGR (2009SGR965)
Degree of contribution: Researcher
Funding entity or bodies:
 Generalitat de Catalunya-Departament d'Innovació, **Type of entity:** State agency
 Universitats i Empresa (DIUE)
City funding entity: Catalonia, Spain
Start date: 2009
Total amount: 46.800 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Kinetic studies and characterization of photolytic products of sulfamethazine, sulfapyridine and their acetylated metabolites in water under simulated solar irradiation. Water Research. 46 - 3, pp. 711 - 722. Elsevier, 2012.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - WATER RESOURCES
Impact index in year of publication: 4.865 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 75
Impact source: ISI **Category:** Environmental Science (miscellaneous)
Impact index in year of publication: 4.865 **Journal in the top 25%:** Yes
Position of publication: 11 **No. of journals in the cat.:** 205
Source of citations: WOS **Citations:** 2
Relevant publication: Yes



- 2** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Occurrence of sulfonamide residues along the Ebro river basin. Removal in wastewater treatment plants and environmental impact assessment. *Environment International*. 37 - 2, pp. 462 - 473. Elsevier, 2011.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Environmental Science (miscellaneous)
Impact index in year of publication: 5.297 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 205
Source of citations: WOS **Citations:** 17
Relevant publication: Yes
- 3** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Determination of 19 sulfonamides in environmental waters by automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry (SPE-LC-MS/MS). *Talanta*. 81, pp. 355 - 366. Elsevier, 2010.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Analytical Chemistry
Impact index in year of publication: 3.722 **Journal in the top 25%:** Yes
Position of publication: 12 **No. of journals in the cat.:** 73
Source of citations: WOS **Citations:** 23
Relevant publication: Yes
- 4** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Identification and determination of metabolites and degradation products of sulfonamide antibiotics. *TRAC-Trends in Analytical Chemistry*. 27 - 11, pp. 1008 - 1022. Elsevier, 2008.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Analytical Chemistry
Impact index in year of publication: 5.485 **Journal in the top 25%:** Yes
Position of publication: 2 **No. of journals in the cat.:** 70
Source of citations: WOS **Citations:** 30
Relevant publication: Yes
- 5** María Jesús García Galán; Martin Sordet; Audrey Buleté; Jeanne Garric; Emmanuelle Vulliet. Evaluation of the influence of surfactants in the bioaccumulation kinetics of sulfamethoxazole and oxazepam in benthic invertebrates. *Science of the Total Environment*. 592 - 15, pp. 554 - 564. Elsevier, 22/03/2017.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 6** Dulce Maria Arias; Enrica Uggetti; María Jesús García Galán; Joan Garcia. Cultivation and selection of cyanobacteria in a closed photobioreactor used for secondary effluent and digestate treatment. *Science of the Total Environment*. 587-588, pp. 157 - 167. Elsevier, 24/02/2017.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 7** Maria Jesus Garcia Galan; Mira Petrovic; Sara Rodriguez Mozaz; Damià Barceló. Multiresidue trace analysis of pharmaceuticals, their human metabolites and transformation products by fully automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. *Talanta*. 158, pp. 330 - 341. Elsevier, 01/09/2016.
Type of production: Scientific paper **Format:** Scientific and technical document or report
Corresponding author: Yes
Impact source: ISI



Impact index in year of publication: 4.035

- 8** Maria Jesus Garcia Galan; Alba Anfruns; Sara Rodriguez Mozaz; Rafael Gonzalez Olmos; Joaquim Comas. UV/H₂O₂ degradation of the antidepressants venlafaxine and O-desmethylvenlafaxine: elucidation of their transformation pathway and environmental fate. *Journal of Hazardous Materials*. 311, pp. 70 - 80. Elsevier, 05/07/2016.

Type of production: Scientific paper

Format: Scientific and technical document or report

Corresponding author: Yes

Impact source: ISI

Impact index in year of publication: 4.529

- 9** Maria Jesus Garcia Galan; Alba Anfruns; Sara Rodriguez Mozaz; Rafael Gonzalez Olmos; Joaquim Comas. Advanced oxidation of the antibiotic sulfapyridine by UV/H₂O₂: Characterization of its transformation products and ecotoxicological implications. *Chemosphere*. 147, pp. 451 - 459. Elsevier, 01/03/2016.

Type of production: Scientific paper

Format: Scientific and technical document or report

Corresponding author: Yes

Impact source: ISI

Impact index in year of publication: 3.340

- 10** Ibon Aristi; Daniel von Schiller; Maite Arroita; Damià Barceló; Lúdia Ponsati; María Jesús García Galán; Sergi Sabater; Arturo Elosegui; Vicenç Acuña. Subsidy or stress? Mixed effects of effluents from a wastewater treatment plant on river ecosystem metabolism. *Freshwater biology*. 60 - 7, pp. 1398 - 1410. Wiley, 13/04/2015.

Type of production: Scientific paper

Format: Journal

Position of signature: 6

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

Total no. authors: 9

Corresponding author: No

Impact source: ISI

Impact index in year of publication: 2.738

- 11** Vicenç Acuña; Daniel Von Schiller; María Jesús García Galán; Sara Rodriguez Mozaz; Lluís Corominas; Manel Poch; Mira Petrovic; Damià Barceló; Sergi Sabater. Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. *Science of the Total Environment*. 503-504, pp. 133 - 141. Elsevier, 01/01/2015.

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Impact index in year of publication: 3.258

- 12** MARÍA JESÚS GARCÍA GALÁN; TOBIAS FRÖMEL; JUTTA MÜLLER; MANUELA PESCHKA; THOMAS KNEPPER; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Biodegradation studies of N₄-acetylsulfapyridine and N₄-acetylsulfamethazine in environmental water applying mass spectrometry techniques. *Analytical and Bioanalytical Chemistry*. 402 - 9, pp. 2885 - 2896. Springer, 2012.

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Analytical Chemistry

Impact index in year of publication: 3.778

Journal in the top 25%: Yes

Position of publication: 13

No. of journals in the cat.: 73

Source of citations: WOS

Citations: 1



- 13** CARLOS ESTEBAN RODRÍGUEZ RODRÍGUEZ; MARÍA JESÚS GARCÍA GALÁN; TERESA VICENT; GLORIA CAMINAL; M. SILVIA DÍAZ CRUZ; DAMIÁ BARCELÓ CULLERES. Continuous degradation of a mixture of sulfonamides by *Trametes versicolor* and identification of metabolites from sulfapyridine and sulfathiazole. *Journal of Hazardous Materials*. 213-214, pp. 347 - 354. Elsevier, 2012.
- Type of production:** Scientific paper **Format:** Journal
Impact source: ISI **Category:** Environmental Science (miscellaneous)
Impact index in year of publication: 4.173 **Journal in the top 25%:** Yes
Position of publication: 17 **No. of journals in the cat.:** 205
Source of citations: WOS **Citations:** 1
- 14** MARÍA JESÚS GARCÍA GALÁN; SUSANA GONZÁLEZ BLANCO; RAMÓN LÓPEZ ROLDÁN; M. SILVIA DÍAZ CRUZ; DAMIÁ BARCELÓ CULLERES. Ecotoxicity evaluation and removal of sulfonamides and their acetylated metabolites during conventional wastewater treatment. *Science of the Total Environment*. 437, pp. 403 - 412. Elsevier, 2012.
- Type of production:** Scientific paper **Format:** Journal
Impact source: ISI **Category:** Environmental Science (miscellaneous)
Impact index in year of publication: 3.286 **Journal in the top 25%:** Yes
Position of publication: 29 **No. of journals in the cat.:** 205
- 15** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÁ BARCELÓ CULLERES. Multiresidue trace analysis of sulfonamide antibiotics and their metabolites in soils and sewage sludge by pressurized liquid extraction (PLE) followed by liquid chromatography-electrospray-quadrupole linear ion trap mass spectrometry (QqLIT-MS/MS). *Journal of Chromatography A*. 1275, pp. 32 - 40. Elsevier, 2012.
- Type of production:** Scientific paper **Format:** Journal
Impact source: ISI **Category:** Analytical Chemistry
Impact index in year of publication: 4.531 **Journal in the top 25%:** Yes
Position of publication: 6 **No. of journals in the cat.:** 73
- 16** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÁ BARCELÓ CULLERES. Removal of sulfonamide antibiotics upon conventional activated sludge and advance membrane bioreactors treatment. *Analytical and Bioanalytical Chemistry*. 404 - 9, pp. 1505 - 1515. Springer, 2012.
- Type of production:** Scientific paper **Format:** Journal
Impact source: ISI **Category:** Analytical Chemistry
Impact index in year of publication: 3.778 **Journal in the top 25%:** Yes
Position of publication: 13 **No. of journals in the cat.:** 73
- 17** MARÍA JESÚS GARCÍA GALÁN; TERESA GARRIDO; JOSEP FRAILE; ANTONI GINEBREDÀ; M. SILVIA DÍAZ CRUZ; DAMIÁ BARCELÓ CULLERES. Application of fully automated online solid phase extraction-liquid chromatography-electrospray-tandem mass spectrometry for the determination of sulfonamides and their acetylated metabolites in groundwater. *Analytical and Bioanalytical Chemistry*. 399, pp. 795 - 806. Springer, 2011.
- Type of production:** Scientific paper **Format:** Journal
Impact source: ISI **Category:** Analytical Chemistry
Impact index in year of publication: 3.778 **Journal in the top 25%:** Yes
Position of publication: 13 **No. of journals in the cat.:** 73
Source of citations: WOS **Citations:** 9

- 18** MARÍA JESÚS GARCÍA GALÁN; CARLOS ESTEBAN RODRÍGUEZ RODRÍGUEZ; TERESA VICENT; GLORIA CAMINAL; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Biodegradation of sulfamethazine by *Trametes versicolor*: Removal from sewage sludge and identification of intermediate products by UPLC-QqTOF-MS. *Science of the Total Environment*. 409 - 24, pp. 5505 - 5512. Elsevier, 2011.
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 3.286
Position of publication: 29
Source of citations: WOS
- Format:** Journal
Category: Environmental Science (miscellaneous)
Journal in the top 25%: Yes
No. of journals in the cat.: 205
Citations: 7
- 19** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Determination of Triazines and Triazine Metabolites in Water, Sludge and Soil using Class-selective Molecularly Imprinted Polymer Extraction (MISPE), Pressurized Liquid Extraction (PLE) and LC-quadrupole linear ion trap (QqLIT) Mass Spectrometry. *Journal of Hydrology*. 383 - 11, pp. 30 - 38. elsevier, 2010.
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.514
Position of publication: 3
Source of citations: WOS
- Format:** Journal
Category: Science Edition - WATER RESOURCES
Journal in the top 25%: Yes
No. of journals in the cat.: 76
Citations: 8
- 20** MARÍA JESÚS GARCÍA GALÁN; MARTA VILLAGRASA GIMÉNEZ; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. LC-QqLIT MS analysis of nine sulfonamides and one of its acetylated metabolites in the Llobregat river basin. Quantitative determination and qualitative evaluation by IDA experiments. *Analytical and Bioanalytical Chemistry*. 399, pp. 795 - 806. Springer, 2010.
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 3.841
Position of publication: 9
Source of citations: WOS
- Format:** Journal
Category: Analytical Chemistry
Journal in the top 25%: Yes
No. of journals in the cat.: 73
Citations: 7
- 21** MARÍA JESÚS GARCÍA GALÁN; JOSEP FRAILE; TERESA GARRIDO; ANTONI GINEBREDÀ; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Simultaneous occurrence of nitrates and sulfonamide antibiotics in two groundwater bodies of Catalonia (Spain)". *Journal of Hydrology*. 383, pp. 93 - 101. Elsevier, 2010.
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.514
Position of publication: 3
Source of citations: WOS
- Format:** Journal
Category: Science Edition - WATER RESOURCES
Journal in the top 25%: Yes
No. of journals in the cat.: 76
Citations: 12
- 22** M. SILVIA DÍAZ CRUZ; MARÍA JESÚS GARCÍA GALÁN; PAULA GUERRA; ALEKSANDRA JELIC; CRISTINA POSTIGO; ETHEL ELJARRAT; MARINELLA FARRÉ; MIREN LÓPEZ DE ALDA; MIRA PETROVIC; DAMIÀ BARCELÓ CULLERES. Analysis of selected emerging contaminants in sewage sludge. *TRAC-Trends in Analytical Chemistry*. 28, pp. 1263 - 1275. Elsevier, 2009.
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 6.546
Position of publication: 1
- Format:** Journal
Category: Analytical Chemistry
Journal in the top 25%: Yes
No. of journals in the cat.: 1

**Source of citations:** WOS**Citations:** 31

- 23** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Combining chemical analysis and ecotoxicity assessment of sulfonamides. TRAC-Trends in Analytical Chemistry. 28 - 6, pp. 804 - 819. Elsevier, 2009.

Type of production: Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Analytical Chemistry**Impact index in year of publication:** 6.546**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 70**Source of citations:** WOS**Citations:** 18

- 24** M. SILVIA DÍAZ CRUZ; MARÍA JESÚS GARCÍA GALÁN; DAMIÀ BARCELÓ CULLERES. Highly sensitive simultaneous determination of sulfonamide antibiotics and one metabolite in environmental waters by liquid chromatography-quadrupole linear ion trap-mass spectrometry. Journal of Chromatography A. 1193, pp. 50 - 59. Elsevier, 2008.

Type of production: Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Analytical Chemistry**Impact index in year of publication:** 3.756**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 76**Source of citations:** WOS**Citations:** 57

- 25** Ignasi Aymerich; Vicenç Acuña; Damià Barceló; María Jesús García Galán; Mira Petrovic; Manel Poch; Sergi Sabater; Sara Rodríguez Mozaz; Ignasi Rodríguez Roda; Daniel Von Schiller; Lluís Corominas. Attenuation of pharmaceuticals and their transformation products in a wastewater treatment plant and its receiving river ecosystem. Water Research. pp. 133 - 141. Elsevier,

Type of production: Scientific paper**Format:** Journal**Corresponding author:** No**Impact source:** ISI**Impact index in year of publication:** 3.258

- 26** MARÍA JESUS GARCÍA GALÁN; ALBA ANFRUNS; JOAQUIM COMAS; IGNASI RODRIGUEZ RODA; SARA RODRIGUEZ MOZAZ; DAMIA BARCELO. Elucidation and ecotoxicity of UV-H2O2 byproducts of the psychiatric drug venlafaxine and its main metabolite N-desmethylvenlafaxine. Journal of Hazardous Materials. under revision,

Type of production: Scientific paper**Format:** Journal

- 27** María Jesús García Galán; Sara Rodríguez Mozaz; Damià Barceló Culleres. Multiresidue trace analysis of 14 pharmaceuticals, their human metabolites and transformation products by fully automated on-line solid-phase extraction-Liquid chromatography-tandem mass spectrometry. Journal of Chromatography A. under revision, Elsevier,

Type of production: Scientific paper**Format:** Journal

- 28** Cristina Postigo Rebollo; María Jesús García Galán; Marianne Koch Schulmeyer; Damià Barceló Culleres. Occurrence of polar organic pollutants in groundwater bodies of Catalonia. The Handbook of Environmental Chemistry: 15 Years of the WFD: monitoring experiences gathered from scientific support to a Mediterranean Basin District management (Catalonia). Springer, 2015.

Type of production: Book chapter**Format:** Book



- 29** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Fate and Occurrence of PhACs in the Terrestrial Environment. Analysis, Removal, Effects and Risk of Pharmaceuticals in the Water Cycle: Occurrence and Transformation in the Environment. 62, pp. 559 - 592. Elsevier B.V., 2013. ISBN 978-0-444-62657-8
Collection: COMPREHENSIVE ANALYTICAL CHEMISTRY
Type of production: Book chapter **Format:** Book
- 30** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Occurrence and fate of sulfonamide antibiotics in surface waters: climatic effects on their presence in the Mediterranean region and aquatic ecosystem vulnerability. The Handbook of Environmental Chemistry: The Llobregat: a story of a polluted Mediterranean river. 21, pp. 167 - 192. Springer, 2012. ISBN 978-3-642-30939-7
Collection: THE HANDBOOK OF ENVIRONMENTAL CHEMISTRY
Type of production: Book chapter **Format:** Book
- 31** CARLES CRUZ MORATÓ; CARLOS RODRÍGUEZ RODRÍGUEZ; ERNEST MARCO URREA; M SARRÁ; GLORIA CAMINAL; TERESA VICENT; ALEKSANDRA JELIC; MARIA JESÚS GARCÍA GALÁN; SANDRA PÉREZ; M.SILVIA DÍAZ CRUZ; MIRA PETROVIC; DAMIÀ BARCELÓ CULLERES. Pharmaceuticals biodegradation by fungi and metabolite identification. The Handbook of Environmental Chemistry: Emerging Organic Contaminants in Sludges. 24, Springer, 2012. ISBN 978-3-642-35608-7
Collection: Handbook of Environmental Chemistry
Type of production: Book chapter **Format:** Book
- 32** MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. Sulfonamide antibiotics in natural and treated waters: environmental and human health risks. The Handbook of Environmental Chemistry: Emerging Organic Contaminants and Human Health. 20, pp. 71 - 92. Springer, 2012. ISBN 978-3-642-28132-7
Collection: The Handbook of Environmental Chemistry
Type of production: Book chapter **Format:** Book
- 33** Cristina Postigo Rebollo; María Jesús García Galán; Marianne Köck Schulmayer; Damià Barceló Culleres. Occurrence of polar organic pollutants in groundwater bodies of Catalonia. Experiences from Ground, Coastal and Transitional Water Quality Monitoring. The EU Water Framework Directive Implementation in the Catalan River Basin District (Part II). Accepted, Elsevier,
Collection: The Handbook of Environmental Chemistry
Type of production: Book chapter **Format:** Book
- 34** CRISTINA POSTIGO; MARÍA JESÚS GARCÍA GALÁN; MARIANNE KÖCK; M. SILVIA DÍAZ CRUZ; MARINELLA FARRÉ; ANTONI GINEBREDÀ; LLUIS TIRAPU; TERESA GARRIDO; JOSEP FRAILE; MARIA JOSÉ LÓPEZ DE ALDA; DAMIÀ BARCELÓ CULLERES. Plaguicidas y sulfamidas en la cuenca del Ebro y cuencas internas de Cataluña. La Salud de las Aguas. pp. 31 - 58. Gobierno de Zaragoza, 2008.
Type of production: Scientific-technical report **Format:** Scientific and technical document or report
- 35** Alertan de contaminación por antibióticos en acuíferos catalanes. europapress.es. europapress, 15/07/2010.



Works submitted to national or international conferences

- 1** **Title of the work:** Energy balance of microalgae-based wastewater treatment plants
Name of the conference: EWA Spring Conference
Corresponding author: No
City of event: Lisbon, Portugal
Date of event: 11/05/2017
Organising entity: EWA
Joan García; Alessandro Solimeno; Raquel Gutierrez; Fabiana Passos; Enrica Uggetti; Marianna Garfi; María Jesús García; Ivet Ferrer.
- 2** **Title of the work:** Is the primary treatment of wastewater needed in high rate algal ponds systems?
Name of the conference: 1st IWA Conference on Algal Technologies for Wastewater Treatment and Resource Recovery
Corresponding author: No
City of event: Delft, Holland
Date of event: 17/03/2017
Organising entity: IWA
Larissa Arashiro; Alejandra Córdoba; María Jesús García Galán; Marianna Garfi; Ivet Ferrer.
- 3** **Title of the work:** Strategies for cyanobacteria selection in a tertiary wastewater treatment system for polyhydrobutyrates and glycogen production
Name of the conference: 1st IWA Conference on Algal Technologies for Wastewater Treatment and Resource Recovery
City of event: Delft, Holland
Date of event: 16/03/2017
Organising entity: IWA
Dulce Arias; Enrica Uggetti; María Jesús García Galán; Joan García.
- 4** **Title of the work:** La présence de surfactants dans les milieux aquatiques a-t-elle un impact sur la bioaccumulation de médicaments par les espèces benthiques
Name of the conference: Forum ECO-TOX Rovaltain
Corresponding author: Yes
City of event: Alixan, France
Date of event: 11/10/2016
End date: 13/10/2016
Organising entity: The Foundation Rovaltain
MARÍA JESUS GARCÍA GALAN; MARTIN SORDET; AUDREY BOULETÉ; JEANNE GARRIC; EMMANUELLE VULLIET.
- 5** **Title of the work:** Influence of surfactants in the bioaccumulation kinetics and metabolism of selected pharmaceuticals in benthic invertebrates
Name of the conference: SETAC EUROPE 2016
Corresponding author: Yes
City of event: NANTES, France
Date of event: 22/05/2016
End date: 26/05/2016
Organising entity: The Foundation Rovaltain
MARÍA JESUS GARCÍA GALAN; MARTIN SORDET; AUDREY BOULETÉ; JEANNE GARRIC; EMMANUELLE VULLIET.



- 6** **Title of the work:** The fate of PhACs and their transformation products in integrated membrane systems for wastewater reclamation
Name of the conference: Desalination for Clean Water and Energy EUROMED 2015
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Palermo, Italy
Date of event: 10/05/2015
End date: 14/05/2015
Organising entity: European Desalination Society
Julian Mamo; María Jesús García Galán; Sara Rodríguez Mozaz; Hector Monclús; Ignasi Rodríguez Roda; Joaquim Comas.
- 7** **Title of the work:** Pharmaceuticals fate and effects in WWTP effluent influenced rivers
Name of the conference: Final SCARCE International Conference: towards a better understanding of the links between stressors, hazard assessment and ecosystem services under water scarcity
Type of event: Conference
Type of participation: Participatory - others
City of event: Tarragona, Catalonia, Spain
Date of event: 20/10/2014
End date: 21/10/2014
Organising entity: Ministerio de Ciencia e Innovación. Investigación
Type of entity: Ministerio
Type of contribution: Scientific paper
Vicenç Acuña; Ibon Aristi; Ignasi Aymerich; Damià Barceló; Maria Casellas; Natalia Corcoll; Lluís Corominas; Arturo Elosegui; María Jesús García Galán; Belinda Huerta; Mira Petrovic; Manel Poch; Lidia Ponsati; Sara Rodríguez Mozaz; A Ruhí; Daniel von Schiller; Sergi Sabater.
- 8** **Title of the work:** Fate of PhACs and their transformation products in MBR+RO and MBR+NF: a comparative study
Name of the conference: 1st IWA YOUNG WATER PROFESSIONALS CONFERENCE IN GERMANY
Type of event: Conference
Type of participation: Participatory - poster
City of event: Essen, Germany
Date of event: 12/06/2014
End date: 14/06/2014
Organising entity: IWA-International Water Association
Julian Mamo; María Jesús García Galán; Michele Stefani; Joaquim Comas; Ignasi Rodríguez Roda.
- 9** **Title of the work:** Occurrence and in-stream attenuation of wastewater derived pharmaceuticals in Iberian rivers
Name of the conference: SCARCE 4th Annual Meeting
Type of event: Conference
City of event: Cádiz, Andalusia, Spain
Date of event: 25/11/2013
End date: 27/11/2013
Organising entity: ICRA
Type of entity: R&D Centre
City organizing entity: Girona, Catalonia, Spain
Type of contribution: Scientific paper
Vicenç Acuña; Daniel von Schiller; María Jesús García Galán; Sara Rodríguez Mozaz; Lluís Corominas; Ignasi Aymerich; Mira Petrovic; Manel Poch; Damià Barceló; Sergi Sabater. "Occurrence and in-stream attenuation of wastewater derived pharmaceuticals in Iberian rivers".



- 10** **Title of the work:** HPLC-QqLIT-MS2 multiresidue trace analysis of sulfonamide antibiotics and their metabolites in soils and sewage sludge
Name of the conference: SETAC
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Glasgow, Highlands and Islands, United Kingdom
Date of event: 12/05/2013
End date: 16/05/2013
Organising entity: Society of Environmental Toxicology and Chemistry
M.Silvia Díaz Cruz; María Jesús García Galán; Damià Barceló Culleres.
- 11** **Title of the work:** Pollution-induced community tolerance to antiinflammatory drugs in fluvial biofilm communities
Name of the conference: SETAC EUROPE
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - others
City of event: Glasgow, Highlands and Islands, United Kingdom
Date of event: 12/05/2013
End date: 16/05/2013
Organising entity: Society of Environmental Toxicology and Chemistry
Natàlia Corcoll; Vicenç Acuña; Damià Barceló; Maria Casellas; María Jesús García Galán; Helena Guasch; Belinda Huerta; Lídia Ponsatí; Sara Rodríguez Mozaz; Sergi Sabater.
- 12** **Title of the work:** Occurrence and fate of sulfonamide antimicrobials in different water matrices from Catalonia
Name of the conference: XIII Jornadas de Análisis Instrumental (JAI)
Type of event: Workshop **Geographical area:** National
Type of participation: Participatory - poster
City of event: Barcelona, Catalonia, Spain
Date of event: 14/11/2011
End date: 16/11/2011
Organising entity: SOCIEDAD ESPAÑOLA DE QUÍMICA ANALÍTICA (SEQA) Y SOCIEDAD ESPAÑOLA DE CROMATOGRAFÍA Y TÉCNICAS AFINES (SECYTA)
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 13** **Title of the work:** Occurrence of sulfonamide residues along the Ebro river basin. Removal in wastewater treatment plants and environmental risk assessment.
Name of the conference: 1st IWA SPAIN YOUNG WATER PROFESSIONALS CONFERENCE
Type of event: Conference
Type of participation: Participatory - oral communication **Reasons for participation:** Open access
City of event: Barcelona, Catalonia, Spain
Date of event: 16/06/2010
End date: 18/06/2010
Organising entity: IWA-International Water Association
City organizing entity: Cornellà de Llobregat, Catalonia, Spain
Type of contribution: Scientific paper
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES. En: Occurrence of sulfonamide residues along the Ebro river basin. Removal in wastewater treatment plants and environmental impact assessment. 2011.



- 14** **Title of the work:** Biodegradation studies of N4-acetylsulfapyridine and N4-acetylsulfamethazine in environmental water applying mass spectrometry techniques
Name of the conference: SETAC EUROPE
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Sevilla, Andalusia, Spain
Date of event: 23/05/2010
End date: 27/05/2010
Organising entity: Society of Environmental Toxicology and Chemistry
MARÍA JESÚS GARCÍA GALÁN; TOBIAS FRÖMEL; JUTTA MÜLLER; MANUELA PESCHKA; THOMAS KNEPPER; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 15** **Title of the work:** Assessment of sulfonamides pollution in different groundwater bodies of Catalonia (Spain)
Name of the conference: 6th Annual LC/MS/MS Workshop on Environmental Applications and Food Safety
Type of event: Seminar
Type of participation: 'Participatory - poster
City of event: Barcelona, Spain
Date of event: 25/02/2010
Organising entity: IDAEA-CSIC
MARÍA JESÚS GARCÍA GALÁN; TERESA GARRIDO; JOSEP FRAILE; ANTONI GINEBREDÀ; M.SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ.
- 16** **Title of the work:** Occurrence and fate of sulfonamide antimicrobials in different water matrices from Catalonia
Name of the conference: NoMiracle - PHIME conference "Multiple Stressors - Novel Methods for Integrated Risk Assessment"
Type of event: Seminar **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Aarhus, Denmark
Date of event: 28/09/2009
End date: 30/09/2009
Organising entity: European Union-Nomiracle project
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 17** **Title of the work:** Presence of sulfonamide antibiotics in different water matrices. Focus in the Ebro River Basin.
Name of the conference: SETAC EUROPE
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: GÖTEBORG, Sweden
Date of event: 31/05/2009
End date: 04/06/2009
Organising entity: Society of Environmental Toxicology and Chemistry
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 18** **Title of the work:** Veterinary drugs in the environment: occurrence of sulfonamides in the groundwater
Name of the conference: Water Scarcity and Management under Mediterranean Climate
Type of event: Seminar **Geographical area:** National
Type of participation: 'Participatory - poster
City of event: Gerona, Catalonia, Spain
Date of event: 24/11/2008



End date: 25/11/2008

Organising entity: ICRA

MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.

- 19** **Title of the work:** Occurrence of sulfonamide antibiotics in two groundwater bodies of Catalonia (Spain)
Name of the conference: EU Groundwater Policy Developments: Good status objectives and integrated management planning
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Paris, Île de France, France
Date of event: 13/11/2008
End date: 15/11/2008
Organising entity: UNESCO IHP-UNIÓN EUROPEA
MARÍA JESÚS GARCÍA GALÁN; TERESA GARRIDO; M. SILVIA DÍAZ CRUZ; ANTONI GINEBREDÀ; JOSEP FRAILE; DAMIÀ BARCELÓ CULLERES.
- 20** **Title of the work:** Analysis of sulfonamides in different water matrices from the Ebro basin by a fully automated on-line solid phase extraction-liquid chromatography-tandem mass spectrometric method
Name of the conference: XII Jornadas de Análisis Instrumental (JAI)
Type of event: Workshop **Geographical area:** National
Type of participation: 'Participatory - poster
City of event: Barcelona, Catalonia, Spain
Date of event: 21/10/2008
End date: 23/11/2008
Organising entity: SOCIEDAD ESPAÑOLA DE QUÍMICA ANALÍTICA (SEQA) Y SOCIEDAD ESPAÑOLA DE CROMATOGRAFÍA Y TÉCNICAS AFINES (SECYTA)
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 21** **Title of the work:** Analysis of Sulfonamide antibiotics and its metabolites in solid matrices from the Ebro and Llobregat River Basins
Name of the conference: Fate and Effects of Pharmaceuticals in soils
Type of event: Seminar
Type of participation: 'Participatory - poster
City of event: Bonn, Germany
Date of event: 30/09/2008
End date: 02/10/2008
Organising entity: Research Group FOR 566: "Veterinary Medicines in Soil: Basic Research for Risk Analysis"
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 22** **Title of the work:** Occurrence of sulfonamides and sulfonamide metabolites in the Llobregat River and its tributaries.
Name of the conference: 2nd Thematic Workshop of the RISKBASE WP 1b: Bridging Science, Water Management and Practical Experiences in European River Basins
Type of event: Seminar **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Budapest, Hungary
Date of event: 15/05/2008
End date: 16/05/2008
Organising entity: European Union-Riskbase Project
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.



- 23** **Title of the work:** Determination of triazines and triazine metabolites in natural water by highly class-selective molecularly imprinted polymer extraction (MISPE) and liquid chromatography-QqLIT tandem mass spectrometry
Name of the conference: VII Reunión Científica de la SECyTA
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster
City of event: Granada, Andalusia, Spain
Date of event: 18/10/2007
Organising entity: SOCIEDAD ESPAÑOLA DE CROMATOGRAFÍA Y TÉCNICAS AFINES
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 24** **Title of the work:** Assessment of LC-MS and LC-tandem MS using QqQ and QqLIT mass analyzers in the determination of sulfonamide antimicrobial residues in environmental waters
Name of the conference: SETAC EUROPE
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: PORTO, Norte, Portugal
Date of event: 20/05/2007
End date: 24/05/2007
Organising entity: Society of Environmental Toxicology and Chemistry
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 25** **Title of the work:** Monitoring of sulfonamide antibiotics in the catchment areas of Ebro, Llobregat and Anoia Rivers
Name of the conference: 1st Thematic Workshop of the RISKBASE WP 1b: Monitoring and assessment of river pollutants: a step towards the implementation of risk based management plans
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: LISBOA, Lisboa, Portugal
Date of event: 17/05/2007
End date: 18/05/2007
Organising entity: European Union-Riskbase Project
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.
- 26** **Title of the work:** SPE strategies as applied to the extraction of sulfonamide antimicrobials from different water samples
Name of the conference: 1st Thematic Workshop of the EU project NORMAN
Type of event: Seminar **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Menorca, Balearic Islands, Spain
Date of event: 27/11/2006
End date: 28/11/2006
Organising entity: European Union - Norman Project
MARÍA JESÚS GARCÍA GALÁN; M. SILVIA DÍAZ CRUZ; DAMIÀ BARCELÓ CULLERES.



R&D management and participation in scientific committees

Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Revisión de artículos científicos
Performed tasks: Servicio como revisor externo de artículos científicos
Entity where activity was carried out: Journal of Chromatography A
Start-End date: 2013 - 2013
- 2** **Name of the activity:** Revisión de artículos científicos
Performed tasks: Servicio como revisor externo de artículos científicos
Entity where activity was carried out: Science of the Total Environment
Frequency of the activity: 1
Start-End date: 2013 - 2013
- 3** **Name of the activity:** Revisión de artículos científicos
Performed tasks: Servicio como revisor externo de artículos científicos
Entity where activity was carried out: Analytical and Bioanalytical Chemistry
Start-End date: 2011 - 2013
- 4** **Name of the activity:** Special Issue Guest Editor
Performed tasks: Special Issue Guest Editor
Entity where activity was carried out: Science of The Total Environment
City of entity: Barcelona, Catalonia, Spain
Start date: 05/09/2016
- 5** **Name of the activity:** Revisión de artículos científicos
Performed tasks: Servicio como revisor externo de artículos científicos
Entity where activity was carried out: Chemosphere-Elsevier
Start date: 2015
- 6** **Name of the activity:** Revisión de artículos científicos
Performed tasks: Servicio como revisor externo de artículos científicos
Entity where activity was carried out: Journal of Hazardous Materials
Start date: 2015



Other achievements

Stays in public or private R&D centres

- 1** **Entity:** IRSTEA **Type of entity:** Public Research Body
City of entity: LYON, Rhône-Alpes, France
Start-End date: 05/10/2015 - 22/04/2016 **Duration:** 4 months
Goals of the stay: Post-doctoral
- 2** **Entity:** Hochschule Fresenius **Type of entity:** University
City of entity: Idstein, Darmstadt, Germany
Primary (UNESCO code): 230100 - Analytical chemistry; 239100 - Environmental Chemistry
Start-End date: 09/2009 - 12/2009 **Duration:** 4 months
Goals of the stay: Doctorate
Provable tasks: Investigación pre-doctoral
- 3** **Entity:** Technische Universität Berlin **Type of entity:** University Department
Faculty, institute or centre: Departamento de edafología
City of entity: Berlin, Germany
Primary (UNESCO code): 239100 - Environmental Chemistry
Start-End date: 03/2005 - 12/2005 **Duration:** 8 months
Funding entity: DAAD-The German Academic Exchange Service
Goals of the stay: Tesina fin de Máster
Identify key words: Chemistry; Natural resources; Pollution; Degradation of the environment
- 4** **Entity:** Parks Victoria **Type of entity:** State agency
City of entity: Melbourne, Australia
Start-End date: 03/2002 - 12/2002 **Duration:** 9 months
Goals of the stay: Guest
Provable tasks: Educación medioambiental, conservación de ecosistemas