

Currículum vitae

Name: Emilio Rosales Villanueva

Surname: ROSALES VILLANUEVA

Birth date : 23/08/1978

Name: EMILIO

Gender: Male

Category: DOCTOR

Starting date actual position: 16/04/2018

Work Address

Organism: UNIVERSIDADE DE VIGO (UVIGO)

Faculty, School or Institute: ESCOLA DE ENXEÑERÍA INDUSTRIAL

Department/Section.: DEPARTAMENTO DE ENXEÑERÍA QUÍMICA

Postal address: EDIFICIO ISAAC NEWTON, CAMPUS LAGOAS MARCOSENDE 36.310 VIGO

Telephone: +34 986 812 304

Fax: +34 986 812 380

E-mail: emiliorv@uvigo.es

Area of scientific activity / Research lines

Specialization (UNESCO codes): 2302.09-2302.12-2414.06-2414.90-3302.90-3302.02-3308.10

- CULTURE OF MICROORGANISMS, PRODUCTION OF ENZYMES WITH INDUSTRIAL INTEREST
- DEVELOPMENT AND MODELISATION OF BIOREACTORS, TREATMENT OF POLLUTED EFFLUENTS
- REMEDIATION AND BIOREMEDIATION
- MODELING THE TRANSPORT OF REACTIVE AGENTS (nZVI, FENTON) IN SOIL AND GROUNDWATER USING ELECTRIC FIELD
- SYNTHESIS AND USE OF GREEN NANOPARTICLES IN THE TREATMENT OF EFFLUENTS
- ADSORPTION AND BIOSORPTION OF HEAVY METALS
- ADVANCED OXIDATION PROCESSES COUPLED WITH OTHER TECHNIQUES (FENTON, ELECTRO-FENTON)

I. Academic degrees

Degree	Centre	Date
CHEMISTRY- BRANCH CHEMICAL ENGINEERING	FACULTY OF CHEMISTRY-UNIVERSITY OF VIGO	28/01/2003
DEGREE THESIS	FACULTY OF CHEMISTRY-UNIVERSITY OF VIGO	17/07/2003
MASTER THESIS	FACULTY OF CHEMISTRY-UNIVERSITY OF VIGO	23/01/2007
DOCTOR EUROPAEUS	UNIVERSITY OF VIGO	30/11/2011

Year: 2011

Degree: DOCTORATE

Final grade: Sobresaliente cum laude

Degree granting institution: University of Vigo

Thesis title: Development of biological and electrochemical processes for coloured effluents treatment/
Desarrollo de procesos biológicos y electroquímicos para el tratamiento de efluentes coloreados

Supervisor: M^a Ángeles Sanromán Braga & Marta M. Pazos Curras

Program title: Chemical Engineering

Year: 2007

Degree: MASTER
Final grade: Sobresaliente
Degree granting institution: University of Vigo
Thesis title: Desarrollo de procesos de degradación de efluentes (Development of effluent degradation processes)
Supervisor: M^a Ángeles Sanromán Braga
Scientific area: 34 Chemical Technology and Engineering
Number of curricular years: 2
Program title: Chemical Engineering

Year: 2003

Degree: GRADUATE IN CHEMISTRY
Degree granting institution: University of Vigo
Program title: Chemistry (chemical engineering branch)

II. Current status and previous activity

Position	Company/Institution	Period
POSTDOCTORAL RESEARCHER	UNIVERSITY OF VIGO	16/04/2018-
POSTDOCTORAL RESEARCHER (JUAN DE LA CIERVA GRANT)	UNIVERSITY OF VIGO	16/04/2016- 15/04/2018
POSTDOCTORAL RESEARCHER (XUNTA DE GALICIA GRANT)	UNIVERSITY OF VIGO	16/04/2013- 15/04/2016
RESEARCHER (PORTUGUESE PROJECT GRANT)	POLITECHNIC INSTITUTE OF COIMBRA	15/01/2012- 14/04/2013
RESEARCHER	UNIVERSITY OF VIGO	01/12/2011- 13/01/2012
RESEARCHER	UNIVERSITY OF VIGO	01/06/2009- 30/11/2011
RESEARCHER	UNIVERSITY OF VIGO	16/04/2008- 31/12/2008
CONSULTANT IN QUALITY AND ENVIRONMENTAL MANAGEMENT, INTERNAL AUDITOR QUALITY MANGEMENT AUDITOR	TOTAL QUALITY RESOURCES SOFTWARE, S.L.	01/10/2004 - 11/04/2008
CONSULTANT IN QUALITY AND ENVIRONMENTAL MANAGEMENT	TOTAL QUALITY RESOURCES, S.L.	01/08/2003 - 27/09-2004

III. Languages (European language level)

Language	Speaking	Reading	Writing
SPANISH	Native	Native	Native
ENGLISH	B1	B1	B1
GALICIAN	Native	Native	Native
PORTUGUESE	A2	A2	A2

IV. Participation in R&D projects.

A. Research and Development Projects participation (researcher) PUBLIC FUNDS:

Project title: *"Biodiversidad microbiana en manantiales termales de Galicia: enzimas termofílicas de interés industrial"*

Funding organization: Xunta de Galicia

Participants: Universidade de Vigo

Period, from: 22/12/2006

to: 21/12/2009

Project funding: 83.900,00 €

Main researcher: M^a Asunción Longo González

Project reference: PGIDIT06PXIB314376PR

Number of involved researchers: 8

Project title: *"Implementación de tecnoloxías innovadoras para a descontaminación de solos e augas subterráneas"*

Funding organization: Xunta de Galicia

Participants: Universidade de Vigo

Period, from: 29/04/2008

to: 20/10/2011

Project funding: 96.600,00 €

Main researcher: M^a Angeles Sanromán Braga

Project reference: 08MDS034314PR

Number of involved researchers: 9

Project title: *"Líquidos iónicos como solventes para su aplicación a la catálisis enzimática"*

Funding organization: Ministerio de Ciencia e Innovación

Participants: Universidade de Vigo

Universidad de Porto (Portugal)

Period, from: 01/01/2009

to: 31/03/2011

Project funding: 8.500,00 €

Main researcher: M^a Angeles Sanromán Braga

Project reference: HP2008-0022

Number of involved researchers: 8

Project title: *"Axudas para a consolidación e estruturación de unidades de investigación competitivas do sisSubject galego de I+D+i do ano 2009 (2ª renovación)"*

Funding organization: Xunta de Galicia

Participants: Grupo Bioprocesos - Universidade de Vigo

Period, from: 01/01/2009

to: 16/12/2009

Project funding: 34.700,00 €

Main researcher: M^a Angeles Sanromán Braga

Project reference: INCITE09E2R314122ES

Number of involved researchers:

Project title: *"Avances en la recuperación de suelos contaminados por mezclas complejas de compuestos orgánicos y metales pesados: Tratamiento electrocinético y metodologías combinadas (TREMCO)"*

Funding organization: Ministerio de Ciencia e Innovación

Participants: Universidade de Vigo

Period, from: 01/01/2009

to: 31/12/2011

Project funding: 145.200,00 €

Main researcher: M^a Angeles Sanromán Braga

Project reference: CTQ2008-03059

Number of involved researchers: 10

Project title: *"Contrato – programa grupo de referencia"*

Funding organization: Universidad de Vigo

Participants: Grupo Bioprocesos

Period, from: 22/10/2010

to: 21/10/2013

Project funding: 48.600,00 €

Main researcher: M^a Angeles Sanromán Braga

Project reference: 10VIA08

Number of involved researchers:

Project title: *"Biobarreras permeables reactivas para el tratamiento de aguas subterráneas"*

Funding organization: Ministerio de Ciencia e Innovación
Participants: Universidade de Vigo, Universidade do Minho
Period, from: 2012 **to:** 2014
Main researcher: Marta M^a Pazos Currás
Number of involved researchers:

Project funding: 147.000,00 €
Project reference: CTM2011-25389

Project title: *"Remediação electrocinética de solos contaminados com PCBs utilizando nanoparticulas de ferro
Electrokinetic remediation of PCB-contaminated soil using iron nanoparticles"*

Funding organization: Fundação para a Ciência e a Tecnologia
Participants: Universidade de Coimbra, PRODEQ - Associação para o Desenvolvimento da Engenharia Química (PRODEQ), University of Utrecht, Technical University of Denmark
Period, from: 2011 **to:** 2014
Main researcher: Célia María Dias Ferreira
Number of involved researchers: 13

Project funding: 167.138,00 €
Project reference: PTDC/AGR-AAM/101643/2008

Project title: *" Implementación de nuevas estrategias de oxidación avanzada para el tratamiento de efluentes del sector vitivinícola (OXIVIT)"*

Funding organization: Xunta de Galicia
Participants: Universidade de Vigo, Universidade do Minho
Period, from: 2012 **to:** 2015
Main researcher: Marta M^a Pazos Currás
Number of involved researchers: 6

Project funding: 98.320,00 €
Project reference: EM 2012/083

B. Research and Development Projects participation (researcher) Non public funds (projects with companies):

Project title: "Estudio e análise das interaccións da auga producida para dialise e da auga empregada nos procesos de desinfección, cos compoñentes e cos materiais integrantes do anel de diálisis (CO-144-06)"

Funding company: Peter Taboada S.L.
Participants: Universidad de Vigo
Period, from: 2006 **to:** 2009
Project funding 111.452 Euros

Project title: "Biorreactor de membrana: Diseño y optimización de condiciones de operación para la depuración de aguas residuales"

Funding company: COTRAGUA
Participants: Universidad de Vigo
Period, from: 2007 **to:** 2008
Project funding 19.550 Euros

Project title: "Diseño de tecnologías para la remediación de suelos contaminados por compuestos orgánicos"

Funding company: CODISOIL S.A.
Participants: Universidad de Vigo
Period, from: 2008 **to:** 2009
Project funding 40.000 Euros

Project title: Innovación en la restauración ambiental de zonas costeras mediante el desarrollo de un SisSubject Piloto Integrado para la caracterización, dragado, tratamiento y valorización de lodos y sedimentos con contaminantes orgánicos e inorgánicos (INNODRAVAL)

Funding organization: Ministerio de Ciencia e Innovación (Subprograma INNPACTO)

Participants: Geotecnia y Cimientos S.A.,

Flota Proyectos Singulares S.A.,

Fundación CETMAR - Centro Tecnológico del Mar,

Fundación Instituto de Hidráulica Ambiental de Cantabria,

Universidad de Vigo.

Period, from: 01/01/2010

to: 31/12/2013

Project funding: 4.734.696 €

Main researcher: Pedro Avellanosa Santos (Geotecnia y Cimientos S.A.)

V. Published works

A. Research papers in peer review journals

1. Authors: ROSALES, E.; RODRÍGUEZ COUTO, S.; SANROMÁN, M.A.
 Title: NEW USES OF FOOD WASTE: APPLICATION TO LACCASE PRODUCTION BY *TRAMETES HIRSUTA*
 BIOTECHNOLOGY LETTERS Volume: 24 Pages, initial: 701 final: 704 Date: 2002

2. Authors: RODRÍGUEZ COUTO, S.; ROSALES, E.; GUNDIN, M.; SANROMÁN, M.A.
 Title: EXPLOITATION OF A WASTE FROM THE BREWING INDUSTRY FOR LACCASE PRODUCTION BY TWO *TRAMETES* SPECIES
 JOURNAL OF FOOD ENGINEERING Volume: 64 Pages, initial: 423 final: 428 Date: 2004

3. Authors: ROSALES, E.; RODRÍGUEZ COUTO, S.; SANROMÁN, M.A.
 Title: REUTILISATION OF FOOD PROCESSING WASTES FOR PRODUCTION OF RELEVANT METABOLITES: APPLICATION TO LACCASE PRODUCTION BY *TRAMETES HIRSUTA*
 JOURNAL OF FOOD ENGINEERING Volume: 66 Pages, initial: 419 final: 423 Date: 2005

4. Authors: RODRÍGUEZ COUTO, S.; ROSALES, E.; SANROMÁN, M.A.
 Title: DECOLOURIZATION OF SYNTHETIC DYES BY *TRAMETES HIRSUTA* IN EXPANDED-BED REACTORS
 CHEMOSPHERE Volume: 62 Pages, initial: 1558 final: 1562 Date: 2006

5. Authors: ROSALES, E.; RODRÍGUEZ COUTO, S.; SANROMÁN, M.A.
 Title: INCREASED LACCASE PRODUCTION BY *TRAMETES HIRSUTA* GROWN ON GROUND ORANGE PEELINGS
 ENZYME AND MICROBIAL TECHNOLOGY Volume: 40 Pages, initial: 1286 final: 1290 Date: 2007

6. Authors: ROSALES, E.; PAZOS, M.; LONGO, M.A.; SANROMÁN, M.A.
 Title: INFLUENCE OF OPERATIONAL PARAMETERS ON ELECTRO-FENTON DEGRADATION OF ORGANIC POLLUTANTS FROM SOIL
 JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A Volume: 44 Pages, initial: 1104 final: 1110
 Date: 2009

7. Authors: E. ROSALES; M. PAZOS; M.A. LONGO; M.A. SANROMÁN
 Title: ELECTRO-FENTON DECOLORATION OF DYES IN A CONTINUOUS REACTOR: A PROMISING TECHNOLOGY IN COLORED WASTEWATER TREATMENT
 CHEMICAL ENGINEERING JOURNAL Volume: 155 (1-2) Pages, initial: 62 final: 67 Date: 2009

8. Authors: PAZOS, M.; ROSALES, E.; ALCÁNTARA, T.; GOMEZ, J.; SANROMÁN, M.A.
 Title: DECONTAMINATION OF SOILS CONTAINING PAHs BY ELECTROREMEDIATION: A REVIEW
 JOURNAL OF HAZARDOUS MATERIALS Volume: 177 (1-3) Pages, initial: 1 final: 11 Date: 2010

9. Authors: BATISTA, A.; VILLANUEVA E.; AMORIM R.V.; TAVARES, M.T.; CAMPS-TAKAKI, G.
 Title: CHROMIUM (VI) ION ADSORPTION FEATURES OF CHITOSAN FILM AND ITS CHITOSAN/ZEOLITE CONJUGATE 13X FILM
 MOLECULES Volume: doi:10.3390/molecules16053569 Pages, initial: 3569 final: 3579 Date: 2011

10. Authors: E. ROSALES; M. PAZOS; M.A. SANROMÁN

Title: COMPARATIVE EFFICIENCIES OF THE DECOLOURISATION OF LEATHER DYES BY ENZYMATIC AND ELECTROCHEMICAL TREATMENTS
DESALINATION Volume: 278 (1-3) Pages, initial: 312 final: 317 Date: 2011

11. Authors: E. ROSALES; M. PAZOS; M.A. SANROMÁN; T. TAVARES
Title: APPLICATION OF ZEOLITE-*ARTHROBACTER VISCOSUS* SYSTEM FOR THE REMOVAL OF HEAVY METAL AND DYE: CHROMIUM AND AZURE B
DESALINATION Volume: 284 Pages, initial: 150 final: 156 Date: 2012

12. Authors: M. PAZOS; M.T. ALCÁNTARA; E. ROSALES; M.A. SANROMÁN
Title: HYBRID TECHNOLOGIES FOR REMEDIATION OF DIESEL FUEL POLLUTED SOIL
CHEMICAL ENGINEERING & TECHNOLOGY Volume: 34 (12) Pages, initial: 1 final: 7 Date: 2011

13. Authors: E. ROSALES; M. PAZOS; M.A. SANROMÁN
Title: APPLICATION OF CENTRAL COMPOSITE FACE-CENTERED DESIGN AND RESPONSE SURFACE METHODOLOGY FOR THE OPTIMISATION OF ELECTRO-FENTON DECOLOURISATION OF AZURE B DYE
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 19(5) Pages, initial: 1738 final: 1746
Date: 2012

14. Authors: E. ROSALES; A. PÉREZ-PAZ; X. VÁZQUEZ; M. PAZOS; M.A. SANROMÁN
Title: ISOLATION OF NOVEL BENZO[A]ANTHRACENE-DEGRADING MICROORGANISMS AND CONTINUOUS BIOREMEDIATION IN AN EXPANDED BED BIOREACTOR
BIOPROCESS AND BIOSYSTEM ENGINEERING Volume: 35 (5) Pages, initial: 851 final: 855 Date: 2012

15. Authors: E. ROSALES; M. PAZOS; M.A. SANROMÁN
Title: ADVANCES IN THE ELECTRO-FENTON PROCESS FOR REMEDIATION OF RECALCITRANT ORGANIC COMPOUNDS
CHEMICAL ENGINEERING & TECHNOLOGY Volume: 35 (4) Pages, initial: 609 final: 617 Date: 2012

16. Authors: E. ROSALES; M. PAZOS; M.A. SANROMÁN
Title: FEASIBILITY OF SOLID STATE FERMENTATION USING SPENT FUNGI-SUBSTRATE IN THE BIODEGRADATION OF PAHS
CLEAN - SOIL, AIR, WATER Volume: 41(6) Pages, initial: 610 final: 615 Date: 2013

17. Authors: E. ROSALES; O. IGLESIAS; M. PAZOS; M.A. SANROMÁN
Title: DECOLOURISATION OF DYES UNDER ELECTRO-FENTON PROCESS USING Fe ALGINATE GEL BEADS
JOURNAL OF HAZARDOUS MATERIALS Volume: 213-214 Pages, initial: 369 final: 377 Date: 2012

18. Authors: IGLESIAS, O.; FERNÁNDEZ DE DIOS, M.A.; E. ROSALES; M. PAZOS; M.A. SANROMÁN
Title: OPTIMISATION OF DECOLOURISATION AND DEGRADATION OF REACTIVE BLACK 5 DYE UNDER ELECTRO-FENTON PROCESS USING FE ALGINATE GEL BEADS
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 20 Pages, initial: 2172 final: 2183
Date: 2013

19. Authors: IGLESIAS, O.; E. ROSALES; M. PAZOS; M.A. SANROMÁN
Title: ELECTRO-FENTON DECOLOURISATION OF DYES IN AN AIRLIFT CONTINUOUS REACTOR USING IRON ALGINATE BEADS

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 20 Pages, initial: 2252 final: 2261
Date: 2013

20. Authors: PAZOS, M.; IGLESIAS, O.; GOMEZ, J.; ROSALES, E.; SANROMÁN, M.A.
Title: REMEDIATION OF CONTAMINATED MARINE SEDIMENT USING ELECTROKINETIC-FENTON REMEDIATION
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY Volume: 19 (3) Pages, initial: 932 final: 937
Date: 2013

21. Authors: E. ROSALES; J.P.G. LOCH; C. DIAS-FERREIRA
Title: ELECTRO-OSMOTIC TRANSPORT OF NANO ZERO-VALENT IRON IN BOOM CLAY
ELECTROCHIMICA ACTA Volume: 127 Pages, initial: 27 final: 33
Date: 2014

22. Authors: M.A. FERNÁNDEZ DE DIOS; E. ROSALES; M. FERNÁNDEZ-FERNÁNDEZ; M. PAZOS; M.A. SANROMÁN
Title: DEGRADATION OF ORGANIC POLLUTANTS BY HETEROGENEOUS ELECTRO-FENTON PROCESS USING Mn-ALGINATE COMPOSITE
JOURNAL OF CHEMICAL TECHNOLOGY & BIOTECHNOLOGY Volume: 90(8) Pages, initial: 1439 final: 1447
Date: 2014

23. Authors: L. FERREIRA; E. ROSALES; SANROMÁN, M.A.; M. PAZOS
Title: PRELIMINARY TESTING AND DESIGN OF PERMEABLE BIOREACTIVE BARRIER FOR PHENANTHRENE DEGRADATION BY PSEUDOMONAS STUTZERI CECT 930 IMMOBILIZED IN HYDROGELMATRICES
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY Volume: 90 (3) Pages, initial: 500 final: 506
Date: 2015

24. Authors: E. ROSALES; L. FERREIRA; M.A. SANROMÁN; M. PAZOS
Title: ENHANCED SELECTIVE METAL ADSORPTION ON OPTIMISED AGROFORESTRY WASTES MIXTURES
BIORESOURCE TECHNOLOGY Volume: 182 Pages, initial: 41 final: 49
Date: 2015

25. Authors: L. FERREIRA; E. ROSALES; M.A. SANROMÁN; M. PAZOS
Title: SCALE-UP OF REMOVAL PROCESS USING A REMEDIATING-BACTERIUM ISOLATED FROM MARINE COASTAL SEDIMENT
RSC Advances Volume: 5 (46) Pages, initial: 36665 final: 36672
Date: 2015

26. Authors: L. FERREIRA; E. ROSALES; A.S. DANKO; M.A. SANROMÁN; M. PAZOS
Title: *BACILLUS THURINGIENSIS* A PROMISING BACTERIUM FOR DEGRADING EMERGING POLLUTANTS
Process Safety and Environmental Protection Volume: 101 Pages, initial: 19 final: 26
Date: 2016

27. Authors: A.M. DIEZ, O. IGLESIAS, E. ROSALES, M.A. SANROMAN, M. PAZOS
Title: OPTIMIZATION OF TWO-CHAMBER PHOTO ELECTRO FENTON REACTOR FOR THE TREATMENT OF WINERY WASTEWATER
Process Safety and Environmental Protection Volume: 101 Pages, initial: 72 final: 79
Date: 2016

28. Authors: E. ROSALES, J. MEIJIDE, T. TAVARES, M. PAZOS, M.A. SANROMAN
Title: *GRAPEFRUIT PEELINGS AS A PROMISING BIOSORBENT FOR THE REMOVAL OF LEATHER DYES AND HEXAVALENT CHROMIUM*
Process Safety and Environmental Protection Volume: 101 Pages, initial: 61 final: 71
Date: 2016

29. Authors: M. POPESCU, E. ROSALES, C. SANDU, J. MEIJIDE, M. PAZOS, G. LAZAR, M.A. SANROMAN
Title: *SOIL FLUSHING AND SIMULTANEOUS DEGRADATION OF ORGANIC POLLUTANTS IN SOILS BY ELECTROKINETIC-FENTON TREATMENT*
Process Safety and Environmental Protection Volume: 108 Pages, initial: 99 final: 107
Date: 2017

30. Authors: C. SANDU, M. POPESCU, E. ROSALES, E. BOCOS, M. PAZOS, G. LAZAR, M.A. SANROMAN
Title: *ELECTROKINETIC-FENTON TECHNOLOGY FOR THE REMEDIATION OF HYDROCARBONS HISTORICALLY POLLUTED SITES*
Chemosphere Volume: 156 Pages, initial: 347 final: 356
Date: 2016

31. Authors: A.M. DIEZ, E. ROSALES, M.A. SANROMAN, M. PAZOS
Title: *ASSESSMENT OF LED-ASSISTED ELECTRO-FENTON REACTOR FOR THE TREATMENT OF WINERY WASTEWATER*
Chemical Engineering Journal Volume: 310 Pages, initial: 399 final: 406
Date: 2016

32. Authors: SANDU, C., POPESCU, M., ROSALES, E., PAZOS, M., LAZAR, G., SANROMÁN, M.Á.
Title: *ELECTROKINETIC OXIDANT SOIL FLUSHING: A SOLUTION FOR IN SITU REMEDIATION OF HYDROCARBONS POLLUTED SOILS*
Journal of Electroanalytical Chemistry Volume: 799 Pages, initial: 1 final: 8
Date: 2017

33. Authors: OUIRIEMMI, I., KARRAB, A., OTURAN, N., PAZOS, M., ROZALES, E., GADRI, A., SANROMÁN, M.Á., AMMAR, S., OTURAN, M.A.
Title: *HETEROGENEOUS ELECTRO-FENTON USING NATURAL PYRITE AS SOLID CATALYST FOR OXIDATIVE DEGRADATION OF VANILLIC ACID*
Journal of Electroanalytical Chemistry Volume: 797 Pages, initial: 69 final: 77
Date: 2017

34. Authors: POPESCU, M., SANDU, C., ROSALES, E., PAZOS, M., LAZAR, G., SANROMÁN, M.Á.
Title: *EVALUATION OF DIFFERENT CATHODES AND REACTION PARAMETERS ON THE ENHANCEMENT OF THE ELECTRO-FENTON PROCESS*
Journal of Electroanalytical Chemistry Volume: 808 Pages, initial: 455 final: 463
Date: 2018

35. Authors: ROSALES, E., MEIJIDE, J., PAZOS, M., SANROMÁN, M.A.
Title: *CHALLENGES AND RECENT ADVANCES IN BIOCHAR AS LOW-COST BIOSORBENT: FROM BATCH ASSAYS TO CONTINUOUS-FLOW SYSTEMS*
Bioresource Technology Volume: 246 Pages, initial: 176 final: 192
Date: 2017

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36. Authors: MEIJIDE, J., ROSALES, E., PAZOS, M., SANROMÁN, M.A.
Title: p-NITROPHENOL DEGRADATION BY ELECTRO-FENTON PROCESS: PATHWAY, KINETIC MODEL AND OPTIMIZATION USING CENTRAL COMPOSITE DESIGN
Chemosphere Volume: 185 Pages, initial: 726 final: 736
Date: 2017
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37. Authors: ROSALES, E., SANROMAN, M.A., DIAS-FERREIRA, C.
Title: GREEN ZERO-VALENT IRON NANOPARTICLES SYNTHESIZED USING HERBAL EXTRACTS FOR DEGRADATION OF DYES FROM WASTEWATER
Desalination and Water Treatment Volume: 92 Pages, initial: 159 final: 167
Date: 2017
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38. Authors: ROSALES, E., ANASIE D., PAZOS, M., LAZAR, I., SANROMÁN, M.A.
Title: KAOLINITE ADSORPTION-REGENERATION SYSTEM FOR DYESTUFF TREATMENT BY FENTON BASED PROCESSES
Science of the Total Environment Volume: 622-623 Pages, initial: 556 final: 562
Date: 2018
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39. Authors: POZA-NOGUEIRAS, V., ARELLANO, M., ROSALES, E., PAZOS, M., GONZÁLEZ-ROMERO, E., SANROMÁN, M.A.
Title: HETEROGENEOUS ELECTRO-FENTON AS PLAUSIBLE TECHNOLOGY FOR THE DEGRADATION OF IMIDAZOLINIUM-BASED IONIC LIQUIDS
Chemosphere Volume: 199 Pages, initial: 68 final: 75
Date: 2018
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40. Authors: POZA-NOGUEIRAS, V., ROSALES, E., PAZOS, M., SANROMÁN, M.A.
Title: CURRENT ADVANCES AND TRENDS IN ELECTRO-FENTON PROCESS USING HETEROGENEOUS CATALYSTS - A REVIEW
Chemosphere Volume: 201 Pages, initial: 399 final: 416
Date: 2018
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41. Authors: ROSALES, E., DIAZ, S., PAZOS, M., SANROMÁN, M.A.
Title: COMPREHENSIVE STRATEGY FOR THE DEGRADATION OF ANTI-INFLAMMATORY DRUG DICLOFENAC BY DIFFERENT ADVANCED OXIDATION PROCESSES
Separation and Purification Technology
Date: 2018 ACCEPTED DOI: 10.1016/j.seppur.2018.04.014
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42. Authors: BUFTIA, G., ROSALES, E., PAZOS, M., LAZAR, G., SANROMÁN, M.A.
Title: ELECTRO-FENTON PROCESS FOR IMPLEMENTATION OF ACID BLACK LIQUOR WASTE TREATMENT
Science of the Total Environment
Date: 2018 ACCEPTED DOI: 10.1016/j.scitotenv.2018.04.139
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B. Book chapters

1. Authors: ROSALES, E.; DEIVE, F.; LONGO, M.A.; SANROMÁN, M.A.
Title: PRODUCTION OF FOOD FLAVOURS
Title del book: COMPREHENSIVE FOOD FERMENTATION BIOTECHNOLOGY
Volume: 2 Pages, initial: 739 final: 773 Date: 2010
Publisher: Asian Publishers Inc. Place : New Delhi

2. Authors M. A. Sanromán, O. Iglesias, E. Rosales, M. Pazos
Title: Chapter 1. Electrokinetic Remediation and Hybrid Technologies for the Treatment of Organic Pollutants
Title del book: Soil Remediation – Applications and New Technologies
Volume: Pages, initial: 1 final: 20 Date: 2016
Publisher: CRC Press ISBN: 978-1-4987-4362-4 Place:

3. Authors M. Pazos, L. Ferreira, E. Rosales, M. A. Sanromán
Title: Biofilm-mediated degradation of PAHs and pesticides
Title del book: Biofilms in Bioremediation. Current Research and Emerging Technologies
Volume: Pages, initial: 133 final: 160 Date: 2016
Publisher: Caister Academic Press ISBN: 978-1-910190-29-6 Place: Norfolk, UK

4. Authors E. Rosales, M. Pazos, M. A. Sanromán
Title: Chapter 4. Advanced Oxidation Processes Using Nanomaterials
Title del book: Advanced Nanomaterials for Wastewater Remediation
Volume: Pages, initial: 109 final: 132 Date: 2017
Publisher: CRC Press ISBN 9781498753333 - CAT# K27347 Place:

5. Authors E. Rosales, M. Pazos, M. A. Sanromán
Title: Chapter 15. Solid-State Fermentation for Food Applications
Title del book: Current Developments in Biotechnology and Bioengineering
Volume: Pages, initial: 319 final: 356 Date: 2017
Publisher: Elsevier ISBN 978-0-444-63990-5 Place: Amsterdam

VI. Stays in foreign Research centres

CLAVE: D = predoctoral, P = postdoctoral, I = invited, C = contract, O = others (specify).

Centre Departamento de Engenharia Biologica. Universidade do Minho
Town: Braga **Country:** Portugal **Date:** 01/02/2009-30/04/2009 **Period (weeks):** 12
Subject: Adsorción y biosorción de compuestos orgánicos (tintes) y metales
Clave: D

Centre Departamento de Engenharia Biologica. Universidade do Minho
Town: Braga **Country:** Portugal **Date:** 01/09/2009-30/11/2009 **Period (weeks):** 12
Subject: Inmovilización de A. viscosus y escalado de procesos de adsorción de metales (Cr III y VI)
Clave: D

Centre Earth Science Department. Universiteit Utrecht
Town: Utrecht **Country:** The Netherlands **Date:** 15/01/2012-15/09/2012 **Period (weeks):** 35
Subject: Electroosmotic transport of commercial zero valent iron in clays using electric field: cell design and modeling approach
Clave: P

Centre Centro de Estudos de Recursos Naturais, Ambiente e Sociedade. Instituto Politécnico de Coimbra
Town: Coimbra **Country:** Portugal **Date:** 16/09/2012-17/03/2013 **Period (weeks):** 22
Subject: PCBs' soil decontamination through the use of nanotechnology combined with electrokinetic remediation
Clave: P

Centre Denmark Technical University. Civil Engineering Department
Town: Coimbra **Country:** Portugal **Date:** 18/03/2012-07/04/2013 **Period (weeks):** 3
Subject: Electrophoretic transport of nZVI in permeable soils. nZVI characterization (SEM)
Clave: P

Centre Centro de Estudos de Recursos Naturais, Ambiente e Sociedade. Instituto Politécnico de Coimbra
Town: Coimbra **Country:** Portugal **Date:** 16/04/2013-15/10/2013 **Period (weeks):** 26
Subject: Nano zero valent iron: synthesis, coating and degradation properties
Clave: P

Centre Centro de Engenharia Biologica. Universidade do Minho
Town: Braga **Country:** Portugal **Date:** 16/10/2013-15/07/2015 **Period (weeks):** 41
Subject: Desarrollo de barreras reactivas para inmovilización de metales y compuestos orgánicos
Clave: P

Centre Earth Science Department. Universiteit Utrecht
Town: Utrecht **Country:** The Netherlands **Date:** 16/07/2014-15/04/2015 **Period (weeks):** 39
Subject: Electro-kinetic Fenton treatment in polluted soils: experimental and modeling approach
Clave: P

VII. Communications in scientific meetings

1. Authors: ROSALES, E; COUTO, SR; SANROMÁN, A

Title: UTILIZACIÓN DE RESIDUOS AGROALIMENTARIOS PARA LA PRODUCCIÓN DE LACASA POR *TRAMETES HIRSUTA* EN CULTIVOS EN ESTADO SÓLIDO
PÓSTER

Conference: CONGRESS NACIONAL DE BIOTECNOLOGÍA BIOTEC'2002

Publication: COMUNICACIONES CONGRESS NACIONAL DE BIOTECNOLOGÍA 2002

City: SEVILLA (SPAIN)

Date: 02-05/07/2002

2. Authors: HOFER, D., GÜBITZ, G., ROSALES, E., RODRÍGUEZ COUTO, S. Y SANROMÁN, A.

Title: DEVELOPMENT OF BIOREACTORS FOR LACCASE PRODUCTION BY *Trametes hirsuta*
POSTER

Conference: 9º CONGRESS MEDITERRÁNEO DE INGENIERÍA QUÍMICA

Publication: BOOK DE RESÚMEMES 9º CONGRESS DE INGENIERÍA QUÍMICA

City: BARCELONA (SPAIN)

Date: 26-29/11/2002

3. Authors: EMILIO ROSALES, SUSANA RODRÍGUEZ COUTO, AND Mª ÁNGELES SANROMÁN

Title: KIWI FRUIT WASTES: A NOVEL SUPPORT-SUBSTRATE FOR LACCASE PRODUCTION BY *Trametes hirsuta* UNDER SOLID-STATE CONDITIONS
POSTER

Conference: 9º CONGRESS MEDITERRÁNEO DE INGENIERÍA QUÍMICA

Publication: BOOK DE RESÚMEMES 9º CONGRESS DE INGENIERÍA QUÍMICA

City: BARCELONA (SPAIN)

Date: 26-29/11/2002

4. Authors: ELENA OTERO, ISRAEL RAMOS, EMILIO ROSALES, SUSANA RODRÍGUEZ COUTO AND Mª ÁNGELES SANROMÁN

Title: EFFECT OF OPERATIONAL CONDITIONS OF HETEROPOLYSACCHARIDE PRODUCTION BY *Arthrobacter viscosus* IN A STIRRED TANK REACTOR
POSTER

Conference: 9º CONGRESS MEDITERRÁNEO DE INGENIERÍA QUÍMICA

Publication: BOOK DE RESÚMEMES 9º CONGRESS DE INGENIERÍA QUÍMICA

City: BARCELONA (SPAIN)

Date: 26-29/11/2002

5. Authors: MOLDES, D.; ROSALES, E; RODRÍGUEZ COUTO, S; SANROMÁN, A

Title: DEGRADATION CAPABILITY AND LACCASE PROFILE OF INDUCED CULTURES OF *Trametes versicolor*
POSTER

Conference: 4 th EUROPEAN CONGRESS OF CHEMICAL ENGINEERING

Publication: 4 th EUROPEAN CONGRESS OF CHEMICAL ENGINEERING TOPIC 5 ABSTRACTS

City: GRANADA (SPAIN)

Date: 21-25/09/2003

6. Authors: ROSALES, E; MOLDES, D.; RODRÍGUEZ COUTO, S; SANROMÁN, A
Title: LACCASE PRODUCTION BY TRAMETES HIRSUTA UNDER SOLID-STATE FERMENTATION USING AS SUBSTRATE ORANGE PEELINGS
POSTER
Conference: 4 th EUROPEAN CONGRESS OF CHEMICAL ENGINEERING

Publication: 4 th EUROPEAN CONGRESS OF CHEMICAL ENGINEERING TOPIC 5 ABSTRACTS

City: GRANADA (SPAIN) Date: 21-25/09/2003

7. Authors: RODRÍGUEZ COUTO, S; ROSALES, E; SANROMÁN, MA
Title: DECOLORACIÓN DE TINTES POR *Trametes hirsuta* OPERANDO EN REACTORES DE LECHO EXPANDIDO
PÓSTER
Conference: CONGRESS NACIONAL DE BIOTECNOLOGÍA BIOTEC'2004

Publication: CONGRESS NACIONAL DE BIOTECNOLOGÍA 2004

City: OVIEDO (SPAIN) Date: 19-23/07/2004

8. Authors: E. ROSALES, M. PAZOS, J. GÓMEZ, M.C. RODRÍGUEZ ARGÜELLES, M.A. LONGO M.A. SANROMÁN
Title: VIABILITY ASSESSMENT OF ELECTRO-FENTON PROCESS OF DEGRADATION OF ORGANIC POLLUTANTS FOR SOIL
PÓSTER
Conference: 8th SYMPOSIUM ON ELECTROKINETIC REMEDIATION (EREM 09)

Publication: BOOK OF ABSTRACTS

City: LISBOA (PORTUGAL) Date: 26-29/07/2009

9. Authors: ANABELLE CAMAROTTI DE LIMA BATISTA, EMÍLIO VILLANUEVA, TERESA TAVARES, GALBA MARIA DE CAMPOS TAKAKI
Title: ASSOCIAÇÃO QUITOSANA/ZEÓLITO NA ADSORÇÃO DE METAIS PESADOS
PÓSTER
Conference: 49º CONGRESSO BRASILEIRO DE QUÍMICA

Publication:

City: PORTO ALEGRE (BRASIL) Date: 04-08/10/2009

10. Authors: EMILIO ROSALES, MARTA PAZOS, M.A. LONGO, ÁNGELES SANROMÁN
Title: INFLUENCE OF OPERATIONAL PARAMETERS IN THE ELECTRO-FENTON TREATMENT OF DYE SOLUTIONS
PÓSTER
Conference: SETAC EUROPE: 20th ANUAL MEETING. SCIENCE AND TECHNOLOGY FOR ENVIRONMENTAL PROTECTION

Publication: BOOK OF ABSTRACTS

City: SEVILLA (SPAIN) Date: 23-27/05/2010

11. Authors: ÁNGELES SANROMÁN, M.T. ALCÁNTARA, J. GÓMEZ, EMILIO ROSALES, MARTA PAZOS
Title: ELECTROREMEDIATION OF PHENANTHRENE AND LEAD FROM KAOLIN
PÓSTER
Conference: SETAC EUROPE: 20th ANUAL MEETING. SCIENCE AND TECHNOLOGY FOR ENVIRONMENTAL PROTECTION

Publication: BOOK OF ABSTRACTS

City: SEVILLA (SPAIN)

Date: 23-27/05/2010

12. Authors: EMILIO ROSALES, MARTA M^a PAZOS, XABIER VÁZQUEZ, M^a ÁNGELES SANROMÁN
Title: BIODEGRADACIÓN DE COMPUESTOS AROMÁTICOS CONTAMINANTES DE SUELOS POR HONGOS SOPORTADOS EN RESIDUOS AGROINDUSTRIALES
PÓSTER

Conference: III CONGRESS DE MICROBIOLOGÍA INDUSTRIAL Y BIOTECNOLOGÍA MICROBIANA (CMIBM 2010)

Publication: BOOK OF ABSTRACTS

City: ALCALÁ DE HENARES (SPAIN)

Date: 17-19/11/2010

13. Authors: EMILIO ROSALES, M. PAZOS, M.A. SANROMÁN
Title: APPLICATION OF SPENT FUNGI-SUBSTRATE IN BIODEGRADATION OF SOILS POLLUTED BY PAHs
PÓSTER

Conference: 23rd INTERNATIONAL SYMPOSIUM ON POLYCYCLIC AROMATIC COMPOUNDS (ISPAC 23)

Publication: BOOK OF ABSTRACTS

City: MÜNSTER (GERMANY)

Date: 4-8/09/2011

14. Authors: M. PAZOS, A. PÉREZ-PAZ, E. ROSALES, M.A. SANROMÁN
Title: BENZO[A]ANTHRACENE REMEDIATION BY TRICODERMA LONGIBRACHIATUM IN BATCH AND CONTINUOUS MODE
PÓSTER

Conference: 23rd INTERNATIONAL SYMPOSIUM ON POLYCYCLIC AROMATIC COMPOUNDS (ISPAC 23)

Publication: BOOK OF ABSTRACTS

City: MÜNSTER (GERMANY)

Date: 4-8/09/2011

15. Authors: EMILIO ROSALES, ALICIA PÉREZ-PAZ, MARTA M^a PAZOS, M^a ÁNGELES SANROMÁN
Title: BIODEGRADATION OF PAH POLLUTED SOIL BY FUNGI GROWN IN AN AGROINDUSTRIAL SUPPORT
PÓSTER

Conference: 1st INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2011

Publication: BOOK OF PROCEEDINGS WASTES solutions treatments opportunities ISBN:978-989-97429-1-8
BOOK OF ABSTRACTS WASTES solutions treatments opportunities ISBN: 978-989-97429-0-1

City: GUIMARAES (PORTUGAL)

Date: 12-14/09/2011

16. Authors: EMILIO ROSALES, ALICIA PÉREZ-PAZ, MARTA M^a PAZOS, ÁNGELES SANROMÁN
Title: RESPONSE SURFACE METHODOLOGY FOR ELECTRO-FENTON PROCESS OPTIMIZATION
PÓSTER
Conference: 1st INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2011
Publication: BOOK OF PROCEEDINGS WASTES solutions treatments opportunities ISBN:978-989-97429-1-8
BOOK OF ABSTRACTS WASTES solutions treatments opportunities ISBN: 978-989-97429-0-1
Date: 12-14/09/2011
City: GUIMARAES (PORTUGAL)

17. Authors: EMILIO ROSALES, TERESA TAVARES, MARTA M^a PAZOS, M. ÁNGELES SANROMÁN
Title: BIOSORPTION OF HEAVY METAL AND DYES: A PROMISING TECHNOLOGY LEATHER WASTEWATER
TREATMENT
PÓSTER
Conference: 1st INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2011
Publication: BOOK OF PROCEEDINGS WASTES solutions treatments opportunities ISBN:978-989-97429-1-8
BOOK OF ABSTRACTS WASTES solutions treatments opportunities ISBN: 978-989-97429-0-1
Date: 12-14/09/2011
City: GUIMARAES (PORTUGAL)

18. Authors: MARTA M^a PAZOS, FATIMA MOSCOSO, EMILIO ROSALES, ALICIA PEREZ-PAZ, ÁNGELES SANROMÁN
Title: EK-FENTON FOR REMEDIATION OF DIESEL FUEL POLLUTED SOIL
PÓSTER
Conference: 1st INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2011
Publication: BOOK OF PROCEEDINGS WASTES solutions treatments opportunities ISBN:978-989-97429-1-8
BOOK OF ABSTRACTS WASTES solutions treatments opportunities ISBN: 978-989-97429-0-1
Date: 12-14/09/2011
City: GUIMARAES (PORTUGAL)

19. Authors: EMILIO ROSALES, ALICIA PÉREZ-PAZ, MARTA M^a PAZOS, M^a ÁNGELES SANROMÁN
Title: BIODEGRADATION OF PAH POLLUTED SOIL BY FUNGI GROWN IN AN AGROINDUSTRIAL SUPPORT
POSTER & PROCEEDING
Conference: 1st INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2011
Publication: BOOK OF PROCEEDINGS WASTES solutions treatments opportunities ISBN:978-989-97429-1-8
Date: 12-14/09/2011
City: GUIMARAES (PORTUGAL)

20. Authors: EMILIO ROSALES, ALICIA PÉREZ-PAZ, MARTA M^a PAZOS, ÁNGELES SANROMÁN
Title: RESPONSE SURFACE METHODOLOGY FOR ELECTRO-FENTON PROCESS OPTIMIZATION
POSTER & PROCEEDING
Conference: 1st INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2011
Publication: BOOK OF PROCEEDINGS WASTES solutions treatments opportunities ISBN:978-989-97429-1-8
Date: 12-14/09/2011
City: GUIMARAES (PORTUGAL)

21. Authors: EMILIO ROSALES, TERESA TAVARES, MARTA M^a PAZOS, M. ÁNGELES SANROMÁN

Title: BIOSORPTION OF HEAVY METAL AND DYES: A PROMISING TECHNOLOGY LEATHER WASTEWATER TREATMENT

POSTER & PROCEEDING

Conference: 1st INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2011

Publication: BOOK OF PROCEEDINGS WASTES solutions treatments opportunities ISBN:978-989-97429-1-8

Date: 12-14/09/2011

City: GUIMARAES (PORTUGAL)

22. Authors: MARTA M^a PAZOS, FATIMA MOSCOSO, EMILIO ROSALES, ALICIA PEREZ-PAZ, ÁNGELES SANROMÁN

Title: EK-FENTON FOR REMEDIATION OF DIESEL FUEL POLLUTED SOIL

POSTER & PROCEEDING

Conference: 1st INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2011

Publication: BOOK OF PROCEEDINGS WASTES solutions treatments opportunities ISBN:978-989-97429-1-8

Date: 12-14/09/2011

City: GUIMARAES (PORTUGAL)

23. Authors: EMILIO ROSALES, MARTA M^a PAZOS, M. ÁNGELES SANROMÁN

Title: DECOLOURISATION OF DYES BY ELECTRO-FENTON LIKE USING FE(III) ALGINATE BEADS
ORAL COMMUNICATION

Conference: 12th MEDITERRANEAN CONGRESS IN CHEMICAL ENGINEERING

Publication: BOOK OF ABSTRACTS - ISBN 978-84-615-4777-7

Date: 15-19/11/2011

City: BARCELONA (SPAIN)

24. Authors: MARTA M^a PAZOS, EMILIO ROSALES, M. ÁNGELES SANROMÁN

Title: STUDY OF NON-IONIC SURFACTANTS ON PAHS SOLUBILIZATION: EFFECT OF RELEVANT PARAMETERS
POSTER

Conference: 12th MEDITERRANEAN CONGRESS IN CHEMICAL ENGINEERING

Publication: BOOK OF ABSTRACTS - ISBN 978-84-615-4777-7

Date: 15-19/11/2011

City: BARCELONA (SPAIN)

25. Authors: MARTA PAZOS, ISMAEL PATIÑO, EMILIO ROSALES, M. ÁNGELES SANROMÁN

Title: REMEDIATION OF A MARINE POLLUTED SEDIMENT USING EK-FENTON-EDTA
POSTER

Conference: 12th MEDITERRANEAN CONGRESS IN CHEMICAL ENGINEERING

Publication: BOOK OF ABSTRACTS - ISBN 978-84-615-4777-7

City: BARCELONA (SPAIN)

Date: 15-19/11/2011

26. Authors: OLAIA IGLESIAS, EMILIO ROSALES, MARTA M^a PAZOS, M. ÁNGELES SANROMÁN

Title: ELECTRO-FENTON DEGRADATION OF DYES BY BATCH AND CONTINUOUS REACTOR BY USE OF
CATALYTIC ACTIVITY OF IRON ALGINATE BEADS

ORAL COMMUNICATION

Conference: ANQUE INTERNATIONAL CONGRESS OF CHEMICAL ENGINEERING

Publication: BOOK OF ABSTRACTS

Date: 24-27/06/2012

City: SEVILLA (SPAIN)

27. Authors: MARTA M^a PAZOS, OLAIA IGLESIAS, EMILIO ROSALES, M. ÁNGELES SANROMÁN
Title: REMEDIATION OF POLLUTED SEDIMENTS USING ELECTROKINETIC IN COMBINATION WITH OTHER TECHNOLOGIES
POSTER
Conference: ANQUE INTERNATIONAL CONGRESS OF CHEMICAL ENGINEERING

Publication: BOOK OF ABSTRACTS

Date: 24-27/06/2012

City: SEVILLA (SPAIN)

28. Authors: EMILIO ROSALES, J.P. GUSTAV LOCH, CELIA DIAS-FERREIRA, BRUNO GUIMARAES
Title: DEVELOPMENT OF A CELL ADAPTED TO MEASURE ELECTRO-OSMOTIC FLOW ASSOCIATED WITH THE MOVEMENT OF NZVI
POSTER
Conference: 11 TH INTERNATIONAL SYMPOSIUM ON ELECTROKINETIC REMEDIATION (EREM 2012)

Publication: BOOK OF ABSTRACTS

Date: 8-11/07/2012

City: SAPPORO (JAPAN)

29. Authors: MARTA COBAS, EMILIO ROSALES, M. ÁNGELES SANROMÁN, M^a PAZOS
Title: BIOREMEDIATION OF PAHs USING *T. longibraquiatum* GROWN ON INERT AND NON-INERT WASTES
POSTER
Conference: 4th INTERNATIONAL CONFERENCE ON ENGINEERING FOR WASTE AND BIOMASS VALORISATION

Publication: BOOK OF ABSTRACTS

Date: 11-13/09/2012

City: OPORTO(PORTUGAL)

30. Authors: EMILIO ROSALES, MARTA COBAS, M^a PAZOS, M. ÁNGELES SANROMÁN
Title: EXPLOITATION OF AGROINDUSTRIAL WASTE FOR LACCASE PRODUCTION BY SEVERAL FUNGI
POSTER
Conference: 4th INTERNATIONAL CONFERENCE ON ENGINEERING FOR WASTE AND BIOMASS VALORISATION

Publication: BOOK OF ABSTRACTS

Date: 11-13/09/2012

City: OPORTO(PORTUGAL)

31. Authors: EMILIO ROSALES, OLAIA IGLESIAS, M^a PAZOS, M. ÁNGELES SANROMÁN
Title: ELECTRO-FENTON TECHNIQUE BY USE OF CATALYTIC ACTIVITY OF FE ALGINATE GEL BEAD
POSTER
Conference: ISCRE22 INTERNATIONAL SYMPOSIA ON CHEMICAL REACTION ENGINEERING

Publication: BOOK OF ABSTRACTS

Date: 2-5/09/2012

City: MAASTRICHT (HOLANDA)

32. Authors: OLAIA IGLESIAS, EMILIO ROSALES, M^a PAZOS, M. ÁNGELES SANROMÁN
Title: NUEVOS AVANCES EN EL TRATAMIENTO DE EFLUENTES COLOREADOS MEDIANTE DE PROCESOS DE OXIDACIÓN AVANZADA
COMUNICACIÓN ORAL

Conference: XXVIII ENCONTRO LUSO-GALEGO DE QUÍMICA

Publication: BOOK OF ABSTRACTS - ISBN: 978-989-97667-5-4

Date: 28-30/11/2012

City: VILA REAL (PORTUGAL)

33. Authors: EMILIO ROSALES, J.P. GUSTAV LOCH, CELIA DIAS-FERREIRA
Title: ELECTRO-OSMOTIC TRANSPORT OF NANO ZERO-VALENT IRON IN BOOM CLAY: NZVI DISTRIBUTION AND EFFECT IN THE CLAY
POSTER

Conference: 12 TH INTERNATIONAL SYMPOSIUM ON ELECTROKINETIC REMEDIATION (EREM 2013)

Publication: BOOK OF ABSTRACTS

Date: 23-26/06/2013

City: BOSTON (USA)

34. Authors: EMILIO ROSALES, M. ÁNGELES FERNÁNDEZ DE DIOS, MARTA M^a PAZOS, M. ÁNGELES SANROMÁN
Title: OXIDATIVE ENZYME PRODUCTION UNDER SOLID-STATE FERMENTATION USING AGROINDUSTRIAL WASTES
PROCEEDING

Conference: 2nd INTERNATIONAL CONFERENCE WASTES SOLUTIONS, TREATMENTS, OPPORTUNITIES 2013

Publication: BOOK OF PROCEEDINGS 2ND INTERNATIONAL CONFERENCE: WASTES solutions treatments opportunities ISSN: 2183-0568

Date: 11-13/09/2013

City: BRAGA (PORTUGAL)

35. Authors: MARTA M^a PAZOS, LAURA FERREIRA, EMILIO ROSALES, TERESA TAVARES, M. ÁNGELES SANROMÁN
Title: PERMEABLE REACTIVE BARRIER FOR REMEDIATION OF CONTAMINATED GROUNDWATER
ORAL PRESENTATION

Conference: 2nd INTERNATIONAL CONFERENCE ON RECYCLING AND REUSE

Publication: BOOK OF ABSTRACTS ORAL PRESENTATIONS ISBN: 978-975-518-364-0

Date: 04-06/06/2014

City: ESTAMBUL (TURQUÍA)

36. Authors: EMILIO ROSALES, MARTA COBAS, RAMÓN TORRAS, JÉSSICA MEIJIDE, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS

Title: POTENTIAL USE OF AGROFORESTRY RESIDUES AND ADSORBENTS FOR ENVIRONMENTAL APPLICATIONS
ORAL PRESENTATION

Conference: 2nd INTERNATIONAL CONFERENCE ON RECYCLING AND REUSE

Publication: BOOK OF ABSTRACTS ORAL PRESENTATIONS ISBN: 978-975-518-364-0

Date: 04-06/06/2014

City: ESTAMBUL (TURQUÍA)

37. Authors: AIDA M. DÍEZ, EMILIO ROSALES, OLALLA IGLESIAS, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS
Title: ADVANCED OXIDATION PROCESSES FOR THE TREATMENT OF WINERY INDUSTRY WASTEWATER
POSTER
Conference: 2nd INTERNATIONAL CONFERENCE ON RECYCLING AND REUSE

Publication: BOOK OF ABSTRACTS POSTER PRESENTATIONS ISBN: 978-975-518-364-0

Date: 04-06/06/2014

City: ESTAMBUL (TURQUÍA)

38. Authors: OLALLA IGLESIAS, SABELA MEDIAVILLA, EMILIO ROSALES, MARTA M^a PAZOS, M. ÁNGELES SANROMÁN
Title: DEVELOPMENT OF LOW-COST WASTEWATER TREATMENT SYSTEM FOR WINERUES BY ELECTRO-FENTON PROCESS
POSTER
Conference: 2nd INTERNATIONAL CONFERENCE ON RECYCLING AND REUSE

Publication: BOOK OF ABSTRACTS POSTER PRESENTATIONS ISBN: 978-975-518-364-0

Date: 04-06/06/2014

City: ESTAMBUL (TURQUÍA)

39. Authors: LAURA FERREIRA, EMILIO ROSALES, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS
Title: HYDROGEL-IMMOBILIZED PSEUDOMONAS STUTZERI CECT 930 AS BIO-REACTIVE MEDIUM FOR PERMEABLE REACTIVE BARRIERS
ORAL PRESENTATION
Conference: INTERNATIONAL CONGRESS ON WATER, WASTE AND ENERGY MANAGEMENT

Publication: BOOK OF ABSTRACTS

ISBN: 978-989-95089-6-5

Date: 16-18/07/2014

City: PORTO (PORTUGAL)

40. Authors: LAURA FERREIRA, EMILIO ROSALES, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS
Title: BIODEGRADATION OF PESTICIDES BY SOIL BACTERIA PSEUDOMONAS STUTZERI AND BACILLUS HALODURANS
POSTER
Conference: INTERNATIONAL CONGRESS ON WATER, WASTE AND ENERGY MANAGEMENT

Publication: BOOK OF ABSTRACTS

ISBN: 978-989-95089-6-5

Date: 16-18/07/2014

City: PORTO (PORTUGAL)

41. Authors: LAURA FERREIRA, EMILIO ROSALES, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS
Title: DEVELOPMENT OF BIOFILLER TO PERMEABLE REACTIVE BARRIERS FOR TREATMENT OF GROUNDWATER POLLUTED WITH POLYCYCLIC AROMATIC HYDROCARBONS
ORAL PRESENTATION
Conference: 12TH INTERNATIONAL CHEMICAL AND BIOLOGICAL ENGINEERING CONFERENCE - CHEMPOR 2014
Publication: BOOK OF EXTENDED ABSTRACTS ISBN: 978-972-752-170-8
Publication: BOOK OF ABSTRACTS ISBN: 978-972-752-169-2

Date: 10-12/09/2014

City: PORTO (PORTUGAL)

42. Authors: LAURA FERREIRA, EMILIO ROSALES, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS
Title: GRAPEFRUIT PEELINGS A PROMISING BIOSORBENT FOR REMEDIATION OF WASTEWATERS FROM TANNERY INDUSTRY

POSTER

Conference: 12TH INTERNATIONAL CHEMICAL AND BIOLOGICAL ENGINEERING CONFERENCE - CHEMPOR 2014

Publication: BOOK OF EXTENDED ABSTRACTS ISBN: 978-972-752-170-8

Publication: BOOK OF ABSTRACTS ISBN: 978-972-752-169-2

Date: 10-12/09/2014

City: PORTO (PORTUGAL)

43. Authors: MARTA COBAS, EMILIO ROSALES, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS
Title: GROUNDWATER PROTECTION OF METALS AND PERSISTENT ORGANIC COMPOUNDS BY PERMEABLE ADSORBING BARRIERS USING CHESTNUT SHELLS

POSTER

Conference: 12TH INTERNATIONAL CHEMICAL AND BIOLOGICAL ENGINEERING CONFERENCE - CHEMPOR 2014

Publication: BOOK OF EXTENDED ABSTRACTS ISBN: 978-972-752-170-8

Publication: BOOK OF ABSTRACTS ISBN: 978-972-752-169-2

Date: 10-12/09/2014

City: PORTO (PORTUGAL)

44. Authors: EMILIO ROSALES, MARTA COBAS, T. TAVARES, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS
Title: REMOVAL OF DI-(2-ETHYLHEXYL)PHTHALATE FROM WATER USING A LECA-Pseudomonas putida BIOBARRIER

POSTER

Conference: 12TH INTERNATIONAL CHEMICAL AND BIOLOGICAL ENGINEERING CONFERENCE - CHEMPOR 2014

Publication: BOOK OF EXTENDED ABSTRACTS ISBN: 978-972-752-170-8

Publication: BOOK OF ABSTRACTS ISBN: 978-972-752-169-2

Date: 10-12/09/2014

City: PORTO (PORTUGAL)

45. Authors: AIDA M. DIEZ, EMILIO ROSALES, M. ÁNGELES SANROMÁN, MARTA M^a PAZOS
Title: RED WINE WASTEWATER TREATMENT BY ELECTRO-FENTON AND PHOTO-FENTON PROCESSES

POSTER

Conference: 12TH INTERNATIONAL CHEMICAL AND BIOLOGICAL ENGINEERING CONFERENCE - CHEMPOR 2014

Publication: BOOK OF EXTENDED ABSTRACTS ISBN: 978-972-752-170-8

Publication: BOOK OF ABSTRACTS ISBN: 978-972-752-169-2

Date: 10-12/09/2014

City: PORTO (PORTUGAL)

46. Authors: ELENA ALFAYA, EMILIO ROSALES, MARTA M^a PAZOS, ÁNGELES SANROMÁN
Title: INDUSTRIAL WASTE AS CATALYSTS IN ELECTRO-FENTON-LIKE TREATMENT: ACTIVITY, STABILITY AND REUSABILITY

ORAL PRESENTATION

Conference: 12TH INTERNATIONAL CHEMICAL AND BIOLOGICAL ENGINEERING CONFERENCE - CHEMPOR 2014

Publication: BOOK OF EXTENDED ABSTRACTS ISBN: 978-972-752-170-8

Publication: BOOK OF ABSTRACTS

ISBN: 978-972-752-169-2

Date: 10-12/09/2014

City: PORTO (PORTUGAL)

47. Authors: M.ÁNGELES FERNÁNDEZ DE DIOS, ELENA ALFAYA, EMILIO ROSALES, MARTA M^a PAZOS, ÁNGELES SANROMÁN

Title: Mn ALGINATE BEADS AS CATALYST IN ELECTRO-FENTON: APPLICATION TO THE ELIMINATION OF RECALCITRANT ORGANIC POLLUTANTS

POSTER

Conference: 12TH INTERNATIONAL CHEMICAL AND BIOLOGICAL ENGINEERING CONFERENCE - CHEMPOR 2014

Publication: BOOK OF EXTENDED ABSTRACTS

ISBN: 978-972-752-170-8

Publication: BOOK OF ABSTRACTS

ISBN: 978-972-752-169-2

Date: 10-12/09/2014

City: PORTO (PORTUGAL)

48. Authors: PAZOS, M.M^a; FERREIRA, L.; ROSALES, E.; TAVARES, T.; VERDUGO, R.; SANROMÁN, M.A.

Title: IMMOBILIZATION OF PAH-DEGRADING-BACTERIA IN BIOHYDROGELS AND THEIR PERFORMANCE FOR ENVIRONMENTAL APPLICATIONS

ORAL PRESENTATION

Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2014

Publication: PROCEEDINGS

ISBN: 978-84-697-1162-0

Date: 30-31/10/2014

City: TOLEDO (ESPAÑA)

49. Authors: PAZOS, M.M^a; ROSALES, E.; COBAS, M.; TAVARES, T.; VERDUGO, R.; SANROMÁN, M.A.

Title: EVALUATION OF AGROFORESTRY WASTES AS LOW-COST ADSORBENTS FOR POLLUTED WASTEWATER TREATMENT

POSTER

Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2014

Publication: PROCEEDINGS

ISBN: 978-84-697-1162-0

Date: 30-31/10/2014

City: TOLEDO (ESPAÑA)

50. Authors: PAZOS, M.M^a; DÍEZ, A.M.; IGLESIAS, O.; SANROMÁN, M.A.; ROSALES, E.

Title: PHOTO-ELECTRO-FENTON PROCESS TO THE TREATMENT OF WINERY WASTEWATER

POSTER

Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2014

Publication: PROCEEDINGS

ISBN: 978-84-697-1162-0

Date: 30-31/10/2014

City: TOLEDO (ESPAÑA)

51. Authors: BOCOS, E.; POPESCU, M.; ROSALES, E.; PAZOS, M.; SANROMÁN, M.A.; LAZAR, G.

Title: COUPLING ELECTROKINETIC TRANSPORT OF HYDROGEN PEROXIDE AND FENTON REACTION IN LOW PERMEABILITY SOILS

POSTER

Conference: 3RD SYMPOSIUM ON SUBSOIL CHARACTERIZATION AND REMEDIATION

Publication: BOOK OF ABSTRACTS

Date: 07/09/2015

City: PORTO (PORTUGAL)

52. Authors: MEIJIDE, J.; ROSALES, E.; SANROMÁN, M.A.; PAZOS, M.

Title: ARE GRAPEFRUIT PEELINGS A LOW-COST ADSORBENT FOR REMOVING POLLUTANTS FROM AQUATIC ENVIRONMENTS?

ORAL PRESENTATION

Conference: 3RD SYMPOSIUM ON SUBSOIL CHARACTERIZATION AND REMEDIATION

Publication: BOOK OF ABSTRACTS

Date: 07/09/2015

City: PORTO (PORTUGAL)

53. Authors: COBAS, M.; ZAVALA, L.; ROSALES, E.; PAZOS, M.; SANROMÁN, M.A.

Title: VALORISATION OF PINEAPPLE PROCESSING WASTE AS ADSORBENT
POSTER

Conference: 3RD INTERNATIONAL CONFERENCE: WASTES: SOLUTIONS, TREATMENTS AND OPPORTUNITIES

Publication: PROCEEDINGS

ISSN: 2183-0568

Date: 14-16/09/2015

City: VIANA DO CASTELO (PORTUGAL)

54. Authors: BOCOS, E.; COBAS, M.; ROSALES, E.; SANDU, C.; POPESCU, M.; LAZAR, G.; PAZOS, M.; SANROMÁN, M.A.

Title: APPLICATION OF ADVANCED OXIDATION PROCESSES FOR THE TREATMENT OF SOLID MATRIXES POLLUTED BY HYDROCARBONS

POSTER

Conference: 3RD INTERNATIONAL CONFERENCE: WASTES: SOLUTIONS, TREATMENTS AND OPPORTUNITIES

Publication: PROCEEDINGS

ISSN: 2183-0568

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City: VIANA DO CASTELO (PORTUGAL)

55. Authors: MEIJIDE, J.; ROSALES, E.; TAVARES, T.; SANROMÁN, M.A.; PAZOS, M.

Title: TANNERY EFFLUENTS TREATMENT BY NEW BIOSORBENT: GRAPEFRUIT PEELINGS
POSTER

Conference: 3RD INTERNATIONAL CONFERENCE: WASTES: SOLUTIONS, TREATMENTS AND OPPORTUNITIES

Publication: PROCEEDINGS

ISSN: 2183-0568

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City: VIANA DO CASTELO (PORTUGAL)

56. Authors: BOCOS, E., ROSALES, E., PAZOS, M., SANROMAN, M.A., SANDU, C., POPESCU, M., LAZAR, G.

Title: SURFACTANT-ENHANCED SOLUBILIZATION AND SIMULTANEOUS DEGRADATION OF HYDROCARBONS IN REAL SOILS BY ELECTRO-FENTON TREATMENT

ORAL PRESENTATION

Conference: 8TH INTERNATIONAL CONFERENCE ENVIRONMENTAL ENGINEERING AND MANAGEMENT

Publication: BOOK OF ABSTRACTS

ISSN 2457-7057

Date: 9-12/09/2015

City: IASI (RUMANÍA)

57. Authors: ROSALES, E., PAZOS, M., SANROMAN, M.A., POPESCU, M., SANDU, C., LAZAR, G.

Title: ELECTRO-KINETIC FENTON APPLIED TO THE REMOVAL OF MODEL POLLUTANTS IN A LOW PERMEABILITY CLAY: EXPERIMENTAL AND NUMERICAL APPROACH

POSTER

Conference: 8TH INTERNATIONAL CONFERENCE ENVIRONMENTAL ENGINEERING AND MANAGEMENT

Publication: BOOK OF ABSTRACTS

ISSN 2457-7057

Date: 9-12/09/2015

City: IASI (RUMANÍA)

58. Authors: COBAS, M., MEJIDE, J., ROSALES, E., SANROMAN, M.A., PAZOS, M.,.

Title: CHESTNUT SHELLS A LOW-COST ADSORBENT FOR PESTICIDES REMOVAL

POSTER

Conference: 8TH INTERNATIONAL CONFERENCE ENVIRONMENTAL ENGINEERING AND MANAGEMENT

Publication: BOOK OF ABSTRACTS

ISSN 2457-7057

Date: 9-12/09/2015

City: IASI (RUMANÍA)

59. Authors: GONZÁLEZ, L.A., COBAS, M., ROSALES, E., ROSTRO, M., PARRA, R. PAZOS, M., SANROMAN, M.A.

Title: IMMOBILIZATION OF LACCASE OF PYCNOPORUS SANGUINEUS CS43

POSTER

Conference: 8TH INTERNATIONAL CONFERENCE ENVIRONMENTAL ENGINEERING AND MANAGEMENT

Publication: BOOK OF ABSTRACTS

ISSN 2457-7057

Date: 9-12/09/2015

City: IASI (RUMANÍA)

60. Authors: DÍAZ, A., ROSALES, E., PAZOS, M., SANROMAN, M.A.

Title: DESIGN OF TWO-COLUMN PHOTO-ELECTROFENTON REACTOR FOR THE TREATMENT OF WINERY WASTEWATER

POSTER

Conference: EUROPEAN CONFERENCE ON ENVIRONMENTAL APPLICATIONS OF ADVANCED OXIDATION PROCESSES

Publication: BOOK OF ABSTRACTS

Date: 21-24/10/2015

City: ATENAS (GRECIA)

61. Authors: SANROMAN, M.A., BOCOS, E., ALFAYA, E., ROSALES, E., PAZOS, M.,

Title: ELECTRO-FENTON TECHNOLOGY FOR THE TREATMENT OF DYE AND PHARMACEUTICAL EFFLUENTS
ORAL PRESENTATION

Conference: EUROPEAN CONFERENCE ON ENVIRONMENTAL APPLICATIONS OF ADVANCED OXIDATION PROCESSES

Publication: BOOK OF ABSTRACTS

Date: 21-24/10/2015

City: ATENAS (GRECIA)

62. Authors: SANROMAN, M.A., BOCOS, E., ALFAYA, E., ROSALES, E., PAZOS, M.,
Title: ELECTROKINETIC-FENTON TECHNOLOGY: A SOLUTION IN THE IN SITU REMEDIATION OF HYDROCARBONS POLLUTED SOILS
ORAL PRESENTATION

Conference: EUROPEAN CONFERENCE ON ENVIRONMENTAL APPLICATIONS OF ADVANCED OXIDATION PROCESSES

Publication: BOOK OF ABSTRACTS

Date: 21-24/10/2015

City: ATENAS (GRECIA)

63. Authors: PAZOS, M., BOCOS, E., ROSALES, E., SANROMAN, M.A.
Title: APPLICATION OF ELECTRO-FENTON TREATMENT FOR THE ELIMINATION OF IMIDAZOLIUM IONIC LIQUIDS FROM POLLUTED WATER
ORAL PRESENTATION

Conference: EUROPEAN CONFERENCE ON ENVIRONMENTAL APPLICATIONS OF ADVANCED OXIDATION PROCESSES

Publication: BOOK OF ABSTRACTS

Date: 21-24/10/2015

City: ATENAS (GRECIA)

64. Authors: SANROMAN, M.A., ROSALES, E., PAZOS, M.
Title: APPROACHES FOR REMOVAL OF HEAVY METALS AND EMERGENT POLLUTANTS OF GROUND WATER BY HYBRID TECHNIQUES
ORAL PRESENTATION

Conference: NEW HORIZONS IN BIOTECHNOLOGY

Publication: BOOK OF ABSTRACTS

Date: 22-25/11/2015

City: TRIVANDRUM (INDIA)

65. Authors: ROSALES, E., ZAVALA, L., COBAS, M., PAZOS, M., SANROMAN, M.A.
Title: UTILISATION OF AGROFORESTRY WASTES AS LOW-COST BIOSORBENT FOR THE TREATMENT OF TANNERY EFFLUENTS
POSTER

Conference: NEW HORIZONS IN BIOTECHNOLOGY

Publication: BOOK OF ABSTRACTS

Date: 22-25/11/2015

City: TRIVANDRUM (INDIA)

66. Authors: COBAS, M., DANKO, A., ROSALES, E., PAZOS, M., SANROMAN, M.A.
Title: CHESNUT AS A POTENTIAL INDUCTOR OF LACCASE PRODUCTION BY PHLEBIA RADIATA: SCALE UP AND EMERGING POLLUTANTS DEGRADATION
POSTER

Conference: NEW HORIZONS IN BIOTECHNOLOGY

Publication: BOOK OF ABSTRACTS

Date: 22-25/11/2015

City: TRIVANDRUM (INDIA)

67. Authors: SANROMAN, M.A., ROSALES, E., PAZOS, M.

Title: BIOTOOLS FOR AROMATIC POLLUTANTS REMEDIATION IN GROUNDWATER
POSTER

Conference: 1ST INTERNATIONAL CONFERENCE ON BIORESOURCE TECHNOLOGY

Publication: BOOK OF ABSTRACTS

Date: 23-26/10/2016

City: SITGES (ESPAÑA)

68. Authors: SANROMAN, M.A., ROSALES, E., PAZOS, M.

Title: SUSTAINABLE MANAGEMENT OF HEAVY METALS BY LOW-COST AGROINDUSTRIAL ADSORBENTS
POSTER

Conference: 1ST INTERNATIONAL CONFERENCE ON BIORESOURCE TECHNOLOGY

Publication: BOOK OF ABSTRACTS

Date: 23-26/10/2016

City: SITGES (ESPAÑA)

69. Authors: EMILIO ROSALES, J.P. GUSTAV LOCH, CELIA DIAS-FERREIRA

Title: FUNDAMENTALS OF THE ELECTROKINETIC TRANSPORT OF NZVI IN SOIL
ORAL PRESENTATION

Conference: INTERNATIONAL WORKSHOP NANOPARTICLES FOR SOIL REMEDIATION. FROM GREEN SYNTHESIS
TO ECOTOXICOLOGICAL EFFECTS

Publication: BOOK OF ABSTRACTS ISBN 978-989-20-5658-6

Date: 19/12/2014

City: COIMBRA (PORTUGAL)

70. Authors: OUIRIEMMI, I., AMMAR, S., GADRI, A., ROSALES, E., PAZOS, M., SANROMÁN, M.A.

Title: REGENERATION AND RECOVERY OF ADSORBENTS BY ELECTROCHEMICAL ADVANCED OXIDATION
PROCESS
POSTER

Conference: 2ND E3 MEDITERRANEAN SYMPOSIUM: ELECTROCHEMISTRY FOR ENVIRONEMNT AND ENERGY

Publication: BOOK OF ABSTRACTS

Date: 14-16/09/2016

City: GARGNANO (ITALIA)

71. Authors: SANDU, C., POPESCU, M., ROSALES, E., PAZOS, M., LAZAR, G., SANROMAN, M.A.

Title: SOIL FLUSHING BY APPLICATION OF LOW INTENSITY CURRENT: A SOLUTION FOR IN SITU REMEDIATION
OF HYDROCARBONS POLLUTED SOILS.

POSTER

Conference: 2ND E3 MEDITERRANEAN SYMPOSIUM: ELECTROCHEMISTRY FOR ENVIRONEMNT AND ENERGY

Publication: BOOK OF ABSTRACTS

Date: 14-16/09/2016

City: GARGNANO (ITALIA)

72. Authors: POPESCU, M., SANDU, C., ROSALES, E., PAZOS, M., LAZAR, G., SANROMAN, M.A.
Title: EVALUATION OF CATHODE MATERIAL AND CONFIGURATION TO ENHANCE THE ELECTRO-FENTON PROCESS
POSTER
Conference: 2ND E3 MEDITERRANEAN SYMPOSIUM: ELECTROCHEMISTRY FOR ENVIRONEMNT AND ENERGY

Publication: BOOK OF ABSTRACTS

Date: 14-16/09/2016

City: GARGNANO (ITALIA)

73. Authors: SANROMAN, M.A., MIGUEZ, C., COBAS, M., ROSALES, E., PAZOS, M.M.
Title: PINEAPPLE CORE AS LOW-COST ADSORBENT FOR POLLUTED WASTEWATER TREATMENT
POSTER
Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2016 (E2KW2016)

Date: 28-29/10/2016

Publication: BOOK OF ABSTRACTS 978-84-608-8219-0

74. Authors: BUFTIA, G., ROSALES, E., PAZOS, M., LAZAR, G., SANROMÁN, M.A.
Title: INCORPORATING ELECTRO-FENTON SUSTAINABLE ENVIRONMENTAL PROCESS INTO LIGNIN WASTEWATER TREATMENT
POSTER

Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2016 (E2KW2016)

Date: 28-29/10/2016

Publication: BOOK OF ABSTRACTS 978-84-608-8219-0

75. Authors: COBAS, M., URGAL, J., ROSALES, E., SANROMÁN, M.A., PAZOS, M.M.
Title: STRATEGIES OF BIOREMEDIATION FOR THE DEGRADATION OF EMERGING POLLUTANTS
POSTER

Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2016 (E2KW2016)

Date: 28-29/10/2016

Publication: BOOK OF ABSTRACTS 978-84-608-8219-0

76. Authors: SANDU, C., POPESCU, M., ROSALES, E., PAZOS, M., LAZAR, G., SANROMAN, M.A.
Title: A HIGHLY ACTIVE BASED CARBON FELT CATHODE FOR ELECTRO-FENTON PROCESS: APPLICATION TO DEGRADATION OF PARABENS
POSTER

Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2016 (E2KW2016)

Date: 28-29/10/2016

Publication: BOOK OF ABSTRACTS 978-84-608-8219-0

77. Authors: ANASIE, D., ROSALES, E., PAZOS, M., LAZAR, I., SANROMAN, M.A.
Title: SEQUENTIAL ADSORPTION-FENTON PROCESS FOR THE REMOVAL OF RHODAMINE B FROM WASTEWATER
ORAL

Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2016 (E2KW2016)

Date: 28-29/10/2016

Publication: BOOK OF ABSTRACTS 978-84-608-8219-0

78. Authors: DIAZ, S., ROSALES, E., PAZOS, M., SANROMAN, M.A.
Title: DICLOFENAC DEGRADATION BY ELECTRO-FENTON USING DIFFERENT IRON COMPOSITES BEADS
POSTER
Conference: ENERGY AND ENVIRONMENT KNOWLEDGE WEEK 2016 (E2KW2016)
Date: 28-29/10/2016
Publication: BOOK OF ABSTRACTS 978-84-608-8219-0

79. Authors: SANDU, C., POPESCU, M., ROSALES, E., PAZOS, M., LAZAR, G., SANROMAN, M.A.
Title: DEGRADATION OF PARABENS BY HETEROGENEOUS ELECTRO-FENTON PROCESS
POSTER
Conference: 9TH INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT
Date: 06-09/09/2017
Publication: BOOK OF ABSTRACTS (ISSN 2457-7049)
Date: 06-09/09/2017
City: BOLONIA (ITALIA)

80. Authors: PAZOS, M., ROSALES, E., LONGO, M.A., SANROMAN, M.A.
Title: CONVENIENCE OF FENTON-BASED TECHNOLOGIES FOR THE REMOVAL OF POLLUTANTS FROM
DIFFERENT ENVIRONMENTS
ORAL
Conference: 9TH INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT
Publication: BOOK OF ABSTRACTS (ISSN 2457-7049)
Date: 06-09/09/2017
City: BOLONIA (ITALIA)

81. Authors: ROSALES, E., ANASIE, D., PAZOS, M., SANROMAN, M.A.
Title: SUSTAINABLE KAOLINITE ADSORPTION-FENTON AND ELECTRO-FENTON REGENERATION APPLIED TO
COLOURED WASTEWATER TREATMENT
ORAL
Conference: 9TH INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT
Publication: BOOK OF ABSTRACTS (ISSN 2457-7049)
Date: 06-09/09/2017
City: BOLONIA (ITALIA)

82. Authors: ROSALES, E., DIAZ, S., PAZOS, M., SANROMAN, M.A.
Title: EMERGING PHARMACEUTICAL POLLUTANT DEGRADATION BY HETEROGENEOUS ELECTRO-FENTON
PROCESS
POSTER
Conference: 9TH INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT
Publicación BOOK OF ABSTRACTS (ISSN 2457-7049)
Date: 06-09/09/2017
City: BOLONIA (ITALIA)

83. Authors: ROSALES, E., PAZOS, M., SANROMAN, M.A.
Title: SUSTAINABLE TOOLS FOR THE REMEDIATION OF SOILS AND WASTEWATER POLLUTED BY EMERGING
POLLUTANTS

ORAL PRESENTATION

Conference: 14TH INTERNATIONAL CONFERENCE ON SUSTAINABLE USE OF MANEGEMENTE OF SOIL, SEDIMENT AND WATER RESOURCES

Publicación BOOK OF ABSTRACTS

Date: 26-30/06/2017

City: LYON (FRANCIA)

84. Authors: ARELLANO, M., POZA, V., PAZOS, M., SANROMAN, M.A.

Title: MANAGEMENT OF AQUEOUS WASTE STREAMS BY ANODIC OXIDATION
ORAL PRESENTATION

Conference: WASTES: SOLUTIONS, TREATMENTS AND OPPORTUNITIES 4TH INTERNATIONAL CONFERENCE

Publicación BOOK OF ABSTRACTS (ISSN 2183-0568)

Date: 25-26/09/2017

City: PORTO (PORTUGAL)

85. Authors: ROSALES, E., PAZOS, M., SANROMAN, M.A.

Title: VALORIZATION OF MARINE SEDIMENTS AS TECHNOSOLS
POSTER

Conference: WASTES: SOLUTIONS, TREATMENTS AND OPPORTUNITIES 4TH INTERNATIONAL CONFERENCE

Publicación BOOK OF ABSTRACTS (ISSN 2183-0568)

Date: 25-26/09/2017

City: PORTO (PORTUGAL)

86. Authors: POZA, V., ARELLANO, M., ROSALES, E., PAZOS, M., SANROMAN, M.A.

Title: HETEROGENEOUS ELECTRO-FENTON PROCESS FOR THE REMEDIATION OF WASTEWATER POLLUTED WITH IONIC LIQUIDS
ORAL PRESENTATION

Conference: WASTES: SOLUTIONS, TREATMENTS AND OPPORTUNITIES 4TH INTERNATIONAL CONFERENCE

Publicación BOOK OF ABSTRACTS (ISSN 2183-0568)

Date: 25-26/09/2017

City: PORTO (PORTUGAL)

87. Authors: MIGUEZ, C., POZA, V., ROSALES, E., PAZOS, M., SANROMAN, M.A.

Title: HETEROGENEOUS ELECTRO-FENTON PROCESS FOR THE REMEDIATION OF WASTEWATER POLLUTED WITH IONIC LIQUIDS
POSTER

Conference: WASTES: SOLUTIONS, TREATMENTS AND OPPORTUNITIES 4TH INTERNATIONAL CONFERENCE

Publicación BOOK OF ABSTRACTS (ISSN 2183-0568)

Date: 25-26/09/2017

City: PORTO (PORTUGAL)

88. Authors: BUFTIA, G., ROSALES, E., PAZOS, M., LAZAR, G., SANROMAN, M.A.

Title: LIGNIN WASTEWATER TREATMENT BY ELECTRO-FENTON TECHNOLOGY
POSTER

Conference: 10TH WORLD CONGRESS OF CHEMICAL ENGINEERING

Publicación BOOK OF ABSTRACTS

Date: 1-5/10/2017

City: BARCELONA (ESPAÑA)

89. Authors: SANROMAN, M.A., MEIJIDE, J., ROSALES, E., LONGO, M.A., PAZOS, M., SANROMAN, M.A.

Title: IONIC LIQUIDS BREAKDOWN BY HETEROGENEOUS ELECTRO-FENTON PROCESS
POSTER

Conference: 10TH WORLD CONGRESS OF CHEMICAL ENGINEERING

Publicación BOOK OF ABSTRACTS

Date: 1-5/10/2017

City: BARCELONA (ESPAÑA)

90. Authors: ROSALES, E., ANASIE, D., PAZOS, M., LAZAR, I., SANROMAN, M.A.

Title: SUSTAINABLE TWO-STAGE SEQUENTIAL TREATMENT FOR EFFLUENTS
POSTER

Conference: 10TH WORLD CONGRESS OF CHEMICAL ENGINEERING

Publicación BOOK OF ABSTRACTS

Date: 1-5/10/2017

City: BARCELONA (ESPAÑA)

91. Authors: SANROMAN, M.A., ROSALES, E., PAZOS, M.

Title: TREATMENT OF INDUSTRIAL EFFLUENTS BY LOW-COST APPROACH
POSTER

Conference: 10TH WORLD CONGRESS OF CHEMICAL ENGINEERING

Publicación BOOK OF ABSTRACTS

Date: 1-5/10/2017

City: BARCELONA (ESPAÑA)

92. Authors: DIEZ, A., ROSALES, E., SANROMAN, M.A., PAZOS, M.

Title: NEW ALTERNATIVES FOR IMIDAZOLIUM-BASED IONIC LIQUIDS DEGRADATION BY ADVANCED OXIDATION
PROCESSES IN AQUEOUS AND SOIL MATRIXES
ORAL

Conference: 10TH WORLD CONGRESS OF CHEMICAL ENGINEERING

Publicación BOOK OF ABSTRACTS

Date: 1-5/10/2017

City: BARCELONA (ESPAÑA)

93. Authors: PAZOS, M., DÍEZ, A.M., ROSALES, E., SANROMÁN, M.A.

Title: FENTON-BASED TECHNOLOGIES FOR ENVIRONMENTAL RESTORATION OF EMERGING POLLUTANTS
ORAL

Conference: 5TH EUROPEAN CONFERENCE ON ENVIRONMENTAL APPLICATIONS OF ADVANCED OXIDATION
PROCESSES

Publicación BOOK OF ABSTRACTS

Date: 25-29/06/2017

City: PRAGA (REPÚBLICA CHECA)

94. Authors: SANROMAN, M.A., POZA, V., ARELLANO, M., ROSALES, E., PAZOS, M.

Title: ELECTRO-FENTON AS PLAUSIBLE ALTERNATIVE TECHNOLOGY FOR THE DEGRADATION OF
IMIDAZOLIUM-BASED IONIC LIQUIDS
POSTER

Conference: 5TH EUROPEAN CONFERENCE ON ENVIRONMENTAL APPLICATIONS OF ADVANCED OXIDATION
PROCESSES

Publicación BOOK OF ABSTRACTS ISBN 978-80-7080-991-4

Date: 25-29/06/2017

City: PRAGA (REPÚBLICA CHECA)

95. Authors: SANROMAN, M.A., ARELLANO, M., POZA, V., ROSALES, E., PAZOS, M.

Title: DEGRADATION OF PYRROLIDINIUM AND PHOSPHONIUM-BASED IONIC LIQUIDS BY ANODIC OXIDATION
POSTER

Conference: 5TH EUROPEAN CONFERENCE ON ENVIRONMENTAL APPLICATIONS OF ADVANCED OXIDATION
PROCESSES

Publicación BOOK OF ABSTRACTS ISBN 978-80-7080-991-4

Date: 25-29/06/2017

City: PRAGA (REPÚBLICA CHECA)

96. Authors: BOUZAYANI, B., ROSALES, M. PAZOS, M., ELAOUUD S.C. SANROMAN, M.A.

Title: DEGRADATION OF LEATHER DYE BY HOMOGENEOUS AND HETEROGENEOUS ACTIVATION OF
PEROXYMONOSULFATE
POSTER

Conference: 3rd AOP TUNISIA ADVANCED OXIDATION PROCESS FOR SUSTAINABLE WATER MANAGEMENT

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City: HAMMAMET (TÚNEZ)

VIII. Prizes and awards received

PhD Extraordinary Prize of the University of Vigo (Spain) 2012.

IX. Other remarks

POSTER PRIZE IN CONGRESSS:

- CONFERENCE EREM 2012 Favorite Poster Award
- CONFERENCE WASTE SOLUTIONS, TREATMENTS Favorite Poster Award

REFEREE for the following journals:

- BIORESOURCE TECHNOLOGY
- CHEMICAL ENGINEERING JOURNAL
- CHEMOSPHERE
- ECOLOGICAL ENGINEERING
- ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
- ENVIRONMENTAL TECHNOLOGY
- JOURNAL OF HAZARDOUS MATERIALS
- SCIENCE OF THE TOTAL ENVIRONMENT