



Rosa María Martín Aranda

Generated from: Editor CVN de FECYT

Date of document: 03/04/2016

v 1.4.0

5263fe40093c655cf2dc910d3ef7e45f

This electronic file (PDF) has embedded CVN technology (CVN-XML). The CVN technology of this file allows you to export and import curricular data from and to any compatible data base. List of adapted databases available at: <http://cvn.fecyt.es/>

**Rosa María Martín Aranda**

Surname(s): **Martín Aranda**
 Name: **Rosa María**
 NIE: **02856294Q**
 Date of birth: **23/04/1964**
 Gender: **Female**
 Nationality: **Spain**
 Country of birth: **Spain**
 Aut. region/reg. of birth: **Castile-La Mancha**
 Contact province: **Madrid**
 City of birth: **Toledo**
 Contact address: **Paseo Senda del Rey**
 Rest of contact address: **9**
 Postcode: **28040**
 Contact country: **Spain**
 Contact aut. region/reg.: **Community of Madrid**
 Contact city: **Madrid**
 Land line phone: **(+34) 913987351**
 Fax: **(+34) 913986697**
 Email: **rmartin@ccia.uned.es**
 Mobile phone: **(+34) 619233369**

Current professional situation

Employing entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Department: Química Inorgánica y Química Técnica, Facultad de Ciencias
Professional category: Catedrática de Universidad
Start date: 12/2011
Type of contract: Civil servant **Dedication regime:** Full time

Previous positions and activities

	Employing entity	Professional category	Start date
1	UNED-RECTORADO	VICESECRETARIA GENERAL DE PRUEBAS PRESENCIALES	01/11/2011
2	Universidad Nacional de Educación a Distancia	Profesora Titular de Universidad	03/2003
3	Universidad Nacional de Educación a Distancia	Vicerrectora Adjunta de Pruebas Presenciales	04/2010
4	Universidad Nacional de Educación a Distancia	Coordinadora del Practicum de Ambientales	10/2007
5	Universidad Nacional de Educación a Distancia	Vicedecana de Ciencias Ambientales	07/2006
6		Profesora Titular Interina de Universidad	04/2002

	Employing entity	Professional category	Start date
	Universidad Nacional de Educación a Distancia		
7	Universidad Nacional de Educación a Distancia	Profesora Asociada	06/1997
8	Universidad Nacional de Educación a Distancia	Directora de la Editorial UNED	11/1996
9	Universidad Nacional de Educación a Distancia	Profesor Ayudante LRU	04/1992
10	Instituto Superior Técnico de Lisboa	Becaria post-doctoral	10/1993
11	Instituto de Ciencia de Materiales de Madrid	Becaria post-doctoral	04/1992
12	Instituto de Tecnología Química	Becario Predoctoral PFPI	01/1991
13	Instituto de Catálisis y Petroleoquímica	Becario Predoctoral PFPI	01/1988
14	Instituto de Química Orgánica General	alumno tesis licenciatura	09/1986

- 1** **Employing entity:** UNED-RECTORADO
Professional category: VICESECRETARIA GENERAL DE PRUEBAS PRESENCIALES
Start-End date: 01/11/2011 - 01/12/2014 **Duration:** 3 years - 15 days
- 2** **Employing entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University
Professional category: Profesora Titular de Universidad
Start-End date: 03/2003 - 12/2011 **Duration:** 8 years - 9 months
- 3** **Employing entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University
Professional category: Vicerrectora Adjunta de Pruebas Presenciales
Start-End date: 04/2010 - 11/2011 **Duration:** 1 year - 7 months
- 4** **Employing entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University
Professional category: Coordinadora del Practicum de Ambientales
Start-End date: 10/2007 - 04/2010 **Duration:** 2 years - 6 months
- 5** **Employing entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University
Professional category: Vicedecana de Ciencias Ambientales
Start-End date: 07/2006 - 03/2010 **Duration:** 3 years - 8 months
- 6** **Employing entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University
Professional category: Profesora Titular Interina de Universidad
Start-End date: 04/2002 - 04/2003 **Duration:** 1 year
- 7** **Employing entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University
Professional category: Profesora Asociada
Start-End date: 06/1997 - 04/2002 **Duration:** 4 years - 10 months



- 8** **Employing entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University
Professional category: Directora de la Editorial UNED
Start-End date: 11/1996 - 03/1998 **Duration:** 1 year - 4 months
- 9** **Employing entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University
Professional category: Profesor Ayudante LRU
Start-End date: 04/1992 - 06/1997 **Duration:** 5 years
- 10** **Employing entity:** Instituto Superior Técnico de Lisboa **Type of entity:** State agency
Professional category: Becaria post-doctoral
Start-End date: 10/1993 - 10/1994 **Duration:** 1 year
- 11** **Employing entity:** Instituto de Ciencia de Materiales de Madrid **Type of entity:** State agency
Professional category: Becaria post-doctoral
Start-End date: 04/1992 - 12/1992 **Duration:** 6 months
- 12** **Employing entity:** Instituto de Tecnología Química **Type of entity:** State agency
Professional category: Becario Predoctoral PFPI
Start-End date: 01/1991 - 01/1992 **Duration:** 1 year
- 13** **Employing entity:** Instituto de Catálisis y Petroleoquímica **Type of entity:** State agency
Professional category: Becario Predoctoral PFPI
Start-End date: 01/1988 - 01/1991 **Duration:** 3 years
- 14** **Employing entity:** Instituto de Química Orgánica General **Type of entity:** State agency
Professional category: alumno tesis licenciatura
Start-End date: 09/1986 - 03/1988 **Duration:** 1 year - 6 months



Education

University education

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

- 1 University degree:** Higher degree
Name of qualification: Grado en Ciencias Químicas
Degree awarding entity: Universidad Autónoma de Madrid **Type of entity:** University
Date of qualification: 03/1988
- 2 University degree:** Higher degree
Name of qualification: Licenciada en Ciencias Químicas
Degree awarding entity: Universidad Autónoma de Madrid **Type of entity:** University
Date of qualification: 06/1987

Doctorates

Doctorate programme: Programa Oficial de Doctorado en Ciencias Químicas
Degree awarding entity: Universidad Autónoma de Madrid **Type of entity:** University
Date of degree: 01/1992

Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Type of training:** Course
Training title: Proyectos de investigación subvencionados. Participación y gestión
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
End date: 12/1998 **Duration in hours:** 10 hours
- 2 Type of training:** Course
Training title: Jornadas Internacionales sobre el material impreso en la enseñanza a distancia
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
End date: 08/11/1996 **Duration in hours:** 25 hours
- 3 Type of training:** Seminario
Training title: Caracterización Textural de soportes y catalizadores soportados mediante técnicas de fisiorción y quimisorción



City awarding entity: Madrid, Community of Madrid, Spain

Awarding entity: Varian Ibérica, S.L.

Type of entity: Business

End date: 05/1996

4 Type of training: Course

Training title: Los nuevos materiales: su presente y el reto para el futuro

City awarding entity: Avila, Spain

Awarding entity: Universidad Nacional de Educación a Distancia **Type of entity:** University

End date: 07/1993

Duration in hours: 40 hours

5 Training title: Curso practico para usuarios de la Facultad de Ciencias del espectrómetro de RMN Bruker AC 200

City awarding entity: Madrid, Spain

Awarding entity: Universidad Nacional de Educación a Distancia **Type of entity:** University

End date: 02/1993

Duration in hours: 50 hours

6 Type of training: Seminario

Training title: Robotización de laboratorios en el análisis y preparación de muestras

City awarding entity: Madrid, Community of Madrid, Spain

Awarding entity: Varian Ibérica, S.L.

Type of entity: Business

End date: 05/1992

7 Training title: Mediciones directas con electrodos selectivos: soluciones y ventajas (Orion Research)

End date: 05/1992

8 Type of training: Course

Training title: Curso de Adaptación Pedagógica (CAP)

City awarding entity: Valencia, Spain

Awarding entity: Universidad Politécnica de Valencia **Type of entity:** University

End date: 1991

9 Type of training: Seminario

Training title: Nuevas tendencias en Cromatografía de Gases

City awarding entity: Madrid, Community of Madrid, Spain

Awarding entity: Varian Ibérica, S.L.

Type of entity: Business

End date: 04/1990

10 Type of training: Course

Training title: Sixieme Reunion du Groupe Francais des Zeolithes

City awarding entity: Montpellier, France

End date: 03/1990

11 Type of training: Course

Training title: Introducción a la Catálisis (Instituto de Catálisis y Petroleoquímica, CSIC, Madrid) 04-07/1989

City awarding entity: Madrid, Community of Madrid, Spain

End date: 07/1989



- 12** **Type of training:** Course
Training title: Pre-Conference School on Zeolites. (8th International Congress on Zeolite Catalysis. Zeist
City awarding entity: Holland
End date: 07/1989
- 13** **Type of training:** Course
Training title: II Curso Interuniversitario para Postgraduados sobre Modelos Teóricos e Informáticos en la Química Actual
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Fundación Ramón Areces **Type of entity:** Foundation
End date: 03/1989
- 14** **Training title:** RMN Dinámica (Instituto de Química Orgánica CSIC)
City awarding entity: Madrid, Community of Madrid, Spain
End date: 11/1987
- 15** **Type of training:** Course
Training title: Curso de Química Farmacéutica
City awarding entity: Germany
End date: 07/1987
- 16** **Training title:** Nuevos Métodos y Reactivos aplicados a la Síntesis de Compuestos Orgánicos (Instituto de Química Orgánica CSIC) 01-02/1987
City awarding entity: Madrid, Community of Madrid, Spain
End date: 02/1987
- 17** **Type of training:** Course
Training title: Programación de Ordenadores: Lenguaje BASIC (Instituto de Química Orgánica CSIC)
City awarding entity: Madrid, Community of Madrid, Spain
End date: 1987
- 18** **Training title:** Reacciones de transferencia de electrón en Química Orgánica (Instituto de Química Orgánica CSIC)
City awarding entity: Madrid, Community of Madrid, Spain
End date: 1987
- 19** **Training title:** Técnicas Modernas de Pulso en RMN (Instituto de Química Orgánica CSIC)
City awarding entity: Madrid, Community of Madrid, Spain
End date: 1987
- 20** **Type of training:** Course
Training title: Mecánica Molecular (Instituto de Química Orgánica CSIC)
City awarding entity: Madrid, Community of Madrid, Spain
End date: 1986
- 21** **Training title:** Espectroscopía de Masas (Instituto de Química Orgánica CSIC)
City awarding entity: Madrid, Community of Madrid, Spain
End date: 1986



- 22 Training title:** Nuevas Tendencias en Técnicas Analíticas (Instituto de Química Orgánica CSIC)
City awarding entity: Madrid, Community of Madrid, Spain
End date: 1986

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French		C1	B1	B1	B1
Portuguese		C1	C1	C1	B1
English		C1	C1	C1	C1

Teaching experience

General teaching experience

- 1 Name of the course:** Aplicación de sólidos inorgánicos en reacciones de interés industrial
University degree: Doctorado en Ciencias Químicas
Start date: 10/1999 **End date:** 10/2011
End date: 10/2011
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
- 2 Name of the course:** Período de Investigación
University degree: Doctorado en Ciencias Químicas
Start date: 10/1999 **End date:** 10/2011
End date: 10/2011
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 3 Name of the course:** Química Combinatoria
University degree: Doctorado en Ciencias Químicas
Start date: 10/1999 **End date:** 10/2011
End date: 10/2011
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 4 Name of the course:** Temas Actuales en Química
University degree: doctorado Ciencia de Materiales. Universidad Alicante. MCDM2004-0033323
Start date: 07/2009 **End date:** 07/2009
End date: 07/2009
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 5 Name of the course:** Prácticas de Química Inorgánica II
University degree: Licenciado en Ciencias Químicas
Start date: 10/2000 **End date:** 10/2003
End date: 10/2003
Entity: Centro asociado de la UNED en Madrid **Type of entity:** State agency



Faculty, institute or centre: centro asociado

- 6** **Name of the course:** Síntesis Inorgánica
University degree: Licenciado en Ciencias Químicas
Start date: 10/1999 **End date:** 10/2002
End date: 10/2002
Entity: Centro asociado de la UNED en Madrid **Type of entity:** State agency
Faculty, institute or centre: centro asociado
- 7** **Name of the course:** Introducción a la catálisis
University degree: Doctorado UAM
Start date: 10/1992 **End date:** 10/2001
End date: 10/2002
Entity: Universidad de Alicante **Type of entity:** University
- 8** **Name of the course:** Química Inorgánica I (12 créditos)
University degree: Licenciado en Ciencias Químicas
Start date: 04/1992 **End date:** 10/1992
End date: 10/1992
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 9** **Name of the course:** Química y Medio Ambiente
University degree: Master del Profesorado de Secundaria y Bachillerato
Start date: 2011
End date: 2014
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
- 10** **Name of the course:** Implicaciones de la Física y de la Química en el Mundo Contemporáneo (6 ECTS)
University degree: Master en formación del profesorado de Secundaria y Bachillerato
Start date: 10/2009
End date: 10/2012
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 11** **Name of the course:** Trabajo Fin de Master en formación del profesorado (12 ECTS)
University degree: Master en formación del profesorado de Secundaria y Bachillerato
Start date: 10/2009
End date: 10/2012
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 12** **Name of the course:** Aplicación de sólidos inorgánicos en Química Verde (6 ECTS)
University degree: Master en Tecnología Química
Start date: 10/2008
End date: 10/2012
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias



- 13** **Name of the course:** Trabajo Fin de master de Investigación (24 ECTS)
University degree: Master en Tecnología Química
Start date: 10/2008
End date: 10/2012
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 14** **Name of the course:** Trabajo fin de Master Académico (12 ECTS)
University degree: Master en Tecnología Química
Start date: 10/2008
End date: 10/2012
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 15** **Name of the course:** Practicum (10 créditos)
University degree: Licenciado en Ciencias Ambientales
Start date: 10/2007
End date: 10/2012
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 16** **Name of the course:** Procesos Químicos no contaminantes. Química ecológica (5 Créditos)
University degree: Licenciado en Ciencias Ambientales
Start date: 03/2007
End date: 10/2012
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
- 17** **Name of the course:** Radioquímica (12 créditos)
University degree: Licenciado en Ciencias Químicas
Start date: 09/2004
End date: 09/2014
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 18** **Name of the course:** Enseñanza de la Física y de la Química (6 ECTS)
University degree: Master en formación del profesorado
Start date: 09/1999
End date: 10/2012
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 19** **Name of the course:** catálisis básica y Química Fina
University degree: Doctorado UAM
Start date: 10/1992
End date: 10/2009
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 20** **Name of the course:** Química Inorgánica II (12 créditos)
University degree: Licenciado en Ciencias Químicas
Start date: 04/1992



End date: 09/2014

Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University

Faculty, institute or centre: Facultad de Ciencias

Teaching experience in the field of healthcare R&D and/or post specialist healthcare R&D

- 1 Name of the speciality:** Master I+D del Medicamento
Unit: Química Sostenible, Farmacología,
Department: Facultad de Medicina
Awarding entity: Universidad Autónoma de Madrid **Type of entity:** University
Start-End date: 10/2012 - 11/2014
- 2 Name of the speciality:** Oficinas de farmacia. Auxiliar de Farmacia
Awarding entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Start date: 10/2009
- 3 Name of the speciality:** Cosmética y Dermofarmacia
Awarding entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Start date: 2009

Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Incorporación de aluminio y niobio en materiales MCM-41 y su aplicaciones en reacciones de química fina
Co-director of thesis: ANTONIO JOSE LOPEZ PEINADO; VANESA CALVINO CASILDA
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Davinia BLASCO JIMENEZ
Date of reading: 04/02/2016
- 2 Project title:** SISTEMAS CATALÍTICOS POROSOS PARA LA SÍNTESIS DE QUINOLINAS A TRAVÉS DE LA REACCIÓN DE FRIEDLÄNDER
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: JESUS Lopez Sanz
Date of reading: 26/03/2015
- 3 Project title:** Los procesos químicos en el Medio Ambiente
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Isabel Gracia Blazquez
Date of reading: 2014
- 4 Project title:** Polímeros orgánicos: compuestos de interés tecnológico e industrial
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Celia Martín Pelayo
Date of reading: 2014



- 5** **Project title:** Reacciones químicas básicas y sus aplicaciones prácticas
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Jesus Arnal Casaús
Date of reading: 2014
- 6** **Project title:** Divulgación científica en educación secundaria. Organización de un panel de jóvenes investigadores
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Javier Navas Martínez
Date of reading: 20/10/2013
- 7** **Project title:** Planificación y diseño de una unidad didáctica de 2ª de Bachillerato sobre cinética química contextualizada en la catálisis de la Química Verde
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Francisco J Suarez Alvarez
Date of reading: 20/10/2013
- 8** **Project title:** La Química en la Sociedad y en el Medio Ambiente
Type of project: Máster de Formación de profesorado de Enseñanza Secundaria Obligatoria y Bachillerato (Trabajo Fin de Máster)
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Olga Marina Montes
Obtained qualification: Sobresaliente
Date of reading: 18/10/2012
- 9** **Project title:** Determinación de compuestos traza en matrices complejas por cromatografía acoplada a espectrometría de masas previa optimización de la fase de la preparación de la muestra
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Jorge Hurtado de Mendoza García
Date of reading: 12/2011
- 10** **Project title:** Catálisis: una solución para la industria Química Fina
Type of project: Máster de Formación de profesorado de Enseñanza Secundaria Obligatoria y Bachillerato (Trabajo Fin de Máster)
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Marcelo Martín Boverí
Obtained qualification: Sobresaliente
Date of reading: 13/07/2011
- 11** **Project title:** Procesos no contaminantes y Química Verde
Type of project: Máster de Formación de profesorado de Enseñanza Secundaria Obligatoria y Bachillerato (Trabajo Fin de Máster)
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Miriam Torres Dominguez
Obtained qualification: Sobresaliente
Date of reading: 06/2011



C

V

n

CURRÍCULUM VITAE NORMALIZADO

5263fe40093c655cf2dc910d3ef7e45f

- 12** **Project title:** Silicio y Germanio en la fabricación de dispositivos electrónicos
Type of project: Máster de Formación de profesorado de Enseñanza Secundaria Obligatoria y Bachillerato (Trabajo Fin de Máster)
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Sergio Martín
Obtained qualification: Notable
Date of reading: 18/05/2011
- 13** **Project title:** La fibra óptica, conceptos básicos y aplicación práctica
Type of project: Máster de Formación de profesorado de Enseñanza Secundaria Obligatoria y Bachillerato (Trabajo Fin de Máster)
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: María Dolores Vico Ruiz
Obtained qualification: Notable
Date of reading: 16/05/2011
- 14** **Project title:** Planificación y diseño de una actividad docente para estudiantes de Bachillerato. Nanotecnología y células fotovoltaicas como fuentes de energía ecológica
Type of project: Máster de Formación de profesorado de Enseñanza Secundaria Obligatoria y Bachillerato (Trabajo Fin de Máster)
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Juan David Silva Rodríguez
Obtained qualification: Sobresaliente
Date of reading: 05/04/2011
- 15** **Project title:** Empleo de la Técnica de Difracción de Electrones retrodispersados para caracterizar la deformación plástica
Type of project: Trabajo Fin de Master en Ciencia y Tecnología Química
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Alberto Saez Maderuelo
Obtained qualification: Sobresaliente
Date of reading: 14/10/2010
- 16** **Project title:** Catálisis básica sobre soportes minerales: una contribución a la Química Verde
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Elizabeth Perozo Rondón
Date of reading: 07/2008
- 17** **Project title:** Química Fina y sostenibilidad: aplicaciones de carbones activados y óxidos metálicos con propiedades básicas como soportes catalíticos en reacciones de formación de enlaces C-N y C-C. Síntesis eco-eficiente de productos de alto valor añadido
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Student: Vanesa Calvino Casilda
Date of reading: 07/2008
- 18** **Project title:** Micromembrane reactors for Fine Chemistry
Entity: Hong Kong University of Sciences and Technology
Student: Wilma. S Lau



Date of reading: 08/2006

Student tutorials

- 1 Name of the programme:** Mobility programme
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
- 2 Name of the programme:** supervisión de Practicum
Entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Frequency of the activity: 6
- 3 Name of the programme:** tutor practicas
Entity: Centro Asociado de Madrid-UNED **Type of entity:** University
Frequency of the activity: 6

Teaching experience in courses and seminars for university teacher training

- 1 Type of event:** Seminar
Name of the event: Buenas practicas en la realización de las Pruebas Presenciales
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Hours of teaching: 3
Teaching date: 05/2012
- 2 Type of event:** Seminar
Name of the event: Buenas practicas en la realización de las Pruebas Presenciales
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Hours of teaching: 3
Teaching date: 05/2011
- 3 Type of event:** Seminar
Name of the event: Buenas practicas en la realización de las Pruebas Presenciales
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Hours of teaching: 3
Teaching date: 05/2010
- 4 Type of event:** Seminar
Name of the event: Seminario para Profesores Tutores
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Hours of teaching: 2
Teaching date: 2002
- 5 Type of event:** Seminar
Name of the event: Seminarios para profesores Tutores
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University



Hours of teaching: 2

Teaching date: 2000

6 Type of event: Seminar

Name of the event: Seminarios para profesores Tutores

Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University

Teaching date: 1997

Educational or pedagogical publications, books, articles, etc.

1 Rosa María Martín Aranda; Juan de Dios Casquero Ruiz. UNED,

Name of the materials: Guia Compuestos inorgánicos de estructura compleja

Date of drafting: 02/12/2013

Format: Manual

2 Experimentación en Química Orgánica e Inorgánica. Experimentación en Química Orgánica e Inorgánica. UNED,

Name of the materials: Guia Didáctica

Date of drafting: 10/2012

Format: Software

3 Revista Ciencias. 100cias@uned. UNED,

Name of the materials: Artículos de divulgación de la ciencia: El español Antonio Ulloa, descubridor del Platino; El Wolframio. Elemento químico español. Juan Jose y fausto Ulloa, sus descubridores; Química y Ciencia Ficción, realidad en la ciencia ficción, Catálisis heterogénea y radiación por microondas: una tecnología alternativa para un desarrollo sostenible; Año Internacional de la Química; Premio Nobel de Química 2010; Activación por microondas;

Date of drafting: 2011

Format: Article(s)

4 Ecomateriales: una producción medioambientalmente benigna. Interempresas. 822, pp. 54 - 57.

Name of the materials: Ecomateriales: una producción medioambientalmente benigna

Date of drafting: 2011

5 Revista Ambiente y Medio. La Nanotecnología. UNED,

Name of the materials: artículo científico-educativo

Date of drafting: 2010

Format: Software

6 Rosa María Martín Aranda. Procesos Químicos no contaminantes. Química ecológica. Procesos Químicos no contaminantes. Química ecológica. UNED,

Name of the materials: Unidad Didáctica

Date of drafting: 06/2008

Format: Software

7 Teoría y práctica sobre el tratamiento y reciclado de residuos. Teoría y práctica sobre el tratamiento y reciclado de residuos. UNED,

Name of the materials: CD- Unidad Didáctica

Date of drafting: 2008



Format: Software

- 8** Delitos contra el Medio Ambiente. Delitos contra el Medio Ambiente. UNED,
Name of the materials: CD-Unidad Didáctica
Date of drafting: 2008
Format: Software
- 9** Rosa M Martin Aranda. Practicum de Ambientales. UNED,
Name of the materials: Guia Didáctica
Date of drafting: 10/2007
Format: Software
- 10** Fundamental and Technical Aspects of Spectroscopy of Catalysis under Working conditions. Fundamental and Technical Aspects of Spectroscopy of Catalysis under Working conditions. pp. 1 - 300. UNED,
Name of the materials: Fundamental and Technical Aspects of Spectroscopy of Catalysis under Working conditions
Date of drafting: 2006
- 11** Group Five Compounds. Bicentennial Meeting” 4th Int. Symposium. pp. 1 - 277. UNED,
Name of the materials: Group Five Compounds. Bicentennial Meeting” 4th Int. Symposium
Date of drafting: 2002
Format: Book
- 12** Rosa Maria Martin Aranda. Cerámicas tradicionales y nuevos materiales cerámicos”.. UNED,
Name of the materials: Cerámicas tradicionales y nuevos materiales cerámicos
Date of drafting: 2001
Format: Book
- 13** El trabajo Científico. Introducción a la Investigación”.. El trabajo Científico. Introducción a la Investigación”.. UNED,
Name of the materials: El trabajo Científico. Introducción a la Investigación
Date of drafting: 1999

Participation in innovative teaching projects

Project title: Mejora de las orientaciones sobre contenidos teóricos y prácticos de Química Inorgánica, mediante el curso virtual y de actividades de evaluación continua presencial.

Type of participation: Others

Time of working relationship: For a limited time

Funding entity: Universidad Nacional de Educación a Distancia

Type of entity: University

Start-End date: 11/2007 - 11/2008

Duration: 1 year



Other activities/achievements not included above

- 1** **Description of the activity:** Grabación de programas de Radio para Radio UNED y RADIO 5 TODO NOTICIAS sobre ciencias Químicas, Ciencias Ambientales y nuevas líneas de investigación. desde 2001
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
End date: 2014
- 2** **Description of the activity:** Lección Inaugural del curso 2012-2013
Organising entity: Centro Asociado de la UNED en Seu d'Urgell **Type of entity:** University
End date: 10/2012
- 3** **Description of the activity:** Participación en Proyectos de divulgación de la Ciencia
Organising entity: Fundación Española para la Ciencia y la Tecnología **Type of entity:** fecyt
End date: 2012
- 4** **Description of the activity:** Profesora del curso Química Sostenible. Ciencias del Mundo contemporáneo
Organising entity: COLEGIO OFICIAL DE QUIMICOS DE MADRID
End date: 2012
- 5** **Description of the activity:** Tutela de Alumnos Erasmus de Tercer Ciclo de la Universidad Adam Mickiewicz de Polonia (Magdalena Michalowska. Enero-Mayo, 2006, Zunana Zienkevicz, Enero-Mayo, 2007, Katarzyna Sulisz, Marzo-Julio, 2008, Agata Smuszkiewicz, Octubre 2011-Marzo, 2012) y de la Universidad Bochum de Alemania (Marina Sturm, Febrero-Julio, 2011)
City of activity: Madrid, Community of Madrid, Spain
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
End date: 2012
- 6** **Description of the activity:** Directora del Curso Química: la promesa de Algo mejor
Organising entity: Cosmocaixa
End date: 2011
- 7** **Description of the activity:** Supervisión de trabajo de la doctora Ines Matos, 2 años. Grant SFRH/BPD/34659/2007 (Universidad Nova de Lisboa, Portugal)- renovada por dos años en Noviembre de 2010
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
End date: 2011
- 8** **Description of the activity:** Coodinadora de Cursos sobre medio Ambiente para SEPRONA
Organising entity: DIRECCION GENERAL DE LA GUARDIA CIVIL
End date: 2010
- 9** **Description of the activity:** Profesora del curso "Ciencias para el Mundo Contemporáneo"
Organising entity: Universidad Menéndez Pelayo **Type of entity:** University
End date: 09/2009



- 10** **Description of the activity:** profesor del master con mención de calidad MCD2004-00323. Se impartieron 3 conferencias: Química y desarrollo sostenible; El reto de la Química Verde; Catálisis y Química Sostenible
Organising entity: Universidad de Alicante **Type of entity:** University
End date: 06/2009
- 11** **Description of the activity:** Directora del Curso para SEPRONA- Delitos Ambientales
Organising entity: Guardia Civil **Type of entity:** otros
End date: 2009
- 12** **Description of the activity:** Profesora del proyecto de Divulgación de la Ciencia Ciencia para la Juventud". FECYT
Organising entity: Fundación Española para la Ciencia y la Tecnología **Type of entity:** otro
End date: 2009
- 13** **Description of the activity:** La UNED y el Cosmocaixa por el Medio Ambiente
Organising entity: Obra Social Fundación la Caixa **Type of entity:** Foundation
End date: 04/2008
- 14** **Description of the activity:** Directora del curso para SEPRONA- Tratamiento Legal de los Residuos
Organising entity: Guardia Civil **Type of entity:** otro
End date: 2008
- 15** **Description of the activity:** Directora del Curso para SEPRONA- Delitos contra el Medio Ambiente
Organising entity: Guardia Civil **Type of entity:** otro
End date: 2007
- 16** **Description of the activity:** Profesora del proyecto de Divulgación de la Ciencia La sonrisa de Minerva". FECYT, año Internacional de la Ciencia
Organising entity: Fundación Española para la Ciencia y la Tecnología **Type of entity:** otro
End date: 2007
- 17** **Description of the activity:** Correctora de exámenes de PAU o selectividad
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
End date: 2006
- 18** **Description of the activity:** Proyecto DEECI. Programa de Desarrollo Europeo
Organising entity: UE **Type of entity:** UE
End date: 2006
- 19** **Description of the activity:** Coordinadora y ponente de la Semana de la Ciencia
Organising entity: Comunidad Autónoma de Madrid **Type of entity:** otro
- 20** **Description of the activity:** Grabación de programas de TV Didáctica
Organising entity: UNED y RNE



- 21** **Description of the activity:** Profesora de los Cursos de Verano de la UNED
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
- 22** **Description of the activity:** Tutora TFM Master del profesorado de secundaria y bachillerato
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
- 23** **Description of the activity:** Tutora TFM Master en Ciencia y Tecnología Química
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
- 24** **Description of the activity:** Tutora del Practicum de Ambientales
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University

Most relevant contributions of your teaching CV

- 1** **Description:** Co-presidente del proyecto Europeo LECH-e de movilidad virtual and Life long learning. "The lived experience of climate change. Interdisciplinary e-module development and virtual mobility" 2009-2012. ref: 504269-LLP-1-ERASMUS-ECDSP
Organising entity: UE **Type of entity:** UE
End date: 10/2012
- 2** **Description:** Promotora de la Asociación de alumnos y Ex-alumnos de Ambientales de la UNED
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
End date: 10/2010
- 3** **Description:** Miembro de la Cátedra UNESCO de Educación Ambiental y Desarrollo sostenible
Organising entity: EU **Type of entity:** UE
End date: 10/2007
- 4** **Description:** Coordinadora del Practicum de Ambientales
Organising entity: Universidad Nacional de Educación a Distancia
End date: 09/2007
- 5** **Description:** Consulting professor of the Science and technology University of Hong Kong
Organising entity: STHKU
End date: 02/2004
- 6** **Description:** elaboracion pagina WEB de asignatura
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
End date: 2003



Healthcare experience

Healthcare experience in EU entities

Relevant results: Miembro de la Catedra Unesco de Educación Ambiental y Desarrollo Sostenible

Entity: UE

Type of entity: UE

Start date: 2008

Other activities/achievements not included above

- 1 Other relevant activities:** Presidenta del Acto de Apertura de Curso 2012-2013
Entity where project took place: UNED-Cordoba
End date: 11/2012
- 2 Other relevant activities:** Lección Inaugural del curso 2012-2013
Entity where project took place: UNED-Seu d'Urgell **Type of entity:** University
End date: 10/2012
- 3 Other relevant activities:** Presidenta del Acto de Apertura de curso 2012-2013
Entity where project took place: UNED-Seu d'Urgell **Type of entity:** University
End date: 10/2012
- 4 Other relevant activities:** Coordinadora del Curso: "Cosmetica y Dermofarmacia"
Entity where project took place: UNED y Colegio de farmaceuticos de Madrid
End date: 2012
- 5 Other relevant activities:** Coordinadora del Curso "Oficinas de farmacia. Auxiliar de Farmacia"
Entity where project took place: UNED y colegio de Farmaceutico de Madrid
End date: 2012
- 6 Other relevant activities:** Profesora del Master de Alimentos
Entity where project took place: UNED y Colegio de farmaceuticos de Madrid **Type of entity:** University
End date: 2012
- 7 Other relevant activities:** Profesora del Master de Educación Ambiental
Entity where project took place: Universidad Nacional de Educación a Distancia
End date: 2012
- 8 Other relevant activities:** Presidenta del Acto de Apertura de curso
Entity where project took place: UNED-Barbastro
End date: 10/2011
- 9 Other relevant activities:** Discurso-Laudatio Investidura como Doctor Honoris Causa del Prof. Dr. Avelino Corma Canós
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University



End date: 01/2008

- 10 Other relevant activities:** Integrante del grupo de investigación Educación Ambiental (EDUCAMBES)
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University

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:** Organización del "8th Symposium of Group Five Elements". Málaga (ESPAÑA) 24-27 junio 2014
Entity where project took place: UMA-UNED
City of entity: Málaga, Spain
Nº of researchers: 4
Start-End date: 24/06/2014 - 27/06/2014
Total amount: 1.800
- 2 Name of the project:** Materiales mesoporosos y Química Verde. Síntesis de compuestos con propiedades terapéuticas"
Geographical area: National
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Spain
Name principal investigator (PI, Co-PI...): Dra. Rosa María Martín Aranda
Name of the programme: MICINN
Code according to the funding entity: CTQ-2011-27935
Start-End date: 2012 - 2014
- 3 Name of the project:** Organización Del "5th Czech-Italian-Spanish Conference on Molecular Sieves and Catalysis". Segovia (ESPAÑA). 16-19 Junio 2013
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Segovia, Spain
Nº of researchers: 6
Start-End date: 16/06/2013 - 19/06/2013
Total amount: 2.000
- 4 Name of the project:** The lived experience of climate change. Interdisciplinary e-module development and virtual mobility"
Geographical area: European Union
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Spain
Name principal investigator (PI, Co-PI...): Rosa María Martín Aranda



Name of the programme: Financiación: EU

Code according to the funding entity: Ref: 504269-LLP-1-UK-ERSAMUS- ECDSP

Start-End date: 2009 - 2012

5 Name of the project: International Conference on Structure-performance relationships at the surface of functional materials”

Geographical area: National

Entity where project took place: Universidad Nacional de Educación a Distancia

Type of entity: University

City of entity: Madrid, Spain

Name principal investigator (PI, Co-PI....): Rosa María Martín Aranda

Name of the programme: Financiación: UNED

Code according to the funding entity: Ref.: 2011V/ORGCON/2012

Start-End date: 2011 - 2011

6 Name of the project: Procesos de reducido impacto ambiental. Aplicación de sólidos mesoporosos en la síntesis de compuestos con actividad biológica”

Geographical area: National

Entity where project took place: Universidad Nacional de Educación a Distancia

City of entity: Madrid, Spain

Name principal investigator (PI, Co-PI....): Rosa María Martín Aranda

Name of the programme: MICINN (

Code according to the funding entity: Ref.: CTQ-2010-18652

Start-End date: 2011 - 2011

7 Name of the project: Desarrollo de nuevos materiales catalíticos a partir de arcillas naturales”

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Nacional de Educación a Distancia

Type of entity: University

City of entity: Madrid, Spain

Name of the programme: CICYT

Start-End date: 2007 - 2010

8 Name of the project: Tratamientos catalíticos de oxidación avanzada para la eliminación de contaminantes aromáticos en aguas residuales”

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Nacional de Educación a Distancia

Type of entity: University

City of entity: Madrid, Spain

Name of the programme: Plan Nacional de Investigación, Desarrollo e innovación tecnológica

Start-End date: 2007 - 2010

9 Name of the project: Aplicación de materiales carbonosos para la acumulación de hidrógeno”

Geographical area: Contrato L.O.U. artículo 83:

Degree of contribution: Researcher

Entity where project took place: Universidad Nacional de Educación a Distancia

Type of entity: University

City of entity: Madrid, Spain

Name of the programme: HYNERGREEN

Start-End date: 2006 - 2010



- 10** **Name of the project:** Desarrollo de nuevos materiales catalíticos a partir de arcillas naturales”
Geographical area: Regional
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Spain
Name of the programme: Junta de Castilla-León
Start-End date: 2007 - 2009
- 11** **Name of the project:** Desarrollo de un nuevo sistema de eliminación de gases tóxicos y corrosivos generados en depuradoras de aguas residuales”
Geographical area: Regional
Degree of contribution: Researcher
Entity where project took place: Univerisdad Nacional de Educación a Distancia
City of entity: Madrid, Spain
Name of the programme: Comunidad de Madrid
Code according to the funding entity: (Ref: S-0505/AMB-0406)
Start-End date: 2006 - 2008
- 12** **Name of the project:** Tratamiento de aguas residuales con procesos basados en el reactivo Fenton. Aplicación a la degradación de colorantes textiles usando arcillas.
Geographical area: European Union
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Spain
Name of the programme: Acción integrada España-Portugal.
Code according to the funding entity: HP2005-0097
Start-End date: 2006 - 2008
- 13** **Name of the project:** Catalizadores metal-carbón preparados por métodos no convencionales. Aplicación en la síntesis de productos de alto valor añadido”
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Spain
Name of the programme: CICYT
Code according to the funding entity: (CTQ2004-00243/PPQ)
Start-End date: 2005 - 2007
- 14** **Name of the project:** Proyecto DEECI
Geographical area: European Union
Degree of contribution: Investigador principal
Entity where project took place: Universidad Nacional de Educación a Distancia **Type of entity:** University
City of entity: Madrid, Spain
Name principal investigator (PI, Co-PI...): Rosa María Martín Aranda
Name of the programme: Programa de Desarrollo Europeo. Primera Convocatoria (Abril 2006)
Start-End date: 2006 - 2006



- 15** **Name of the project:** Preparación de arcillas de uso industrial por tratamientos químicos económicos de materiales naturales.”
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia
City of entity: Madrid, Spain
Name of the programme: Junta de Castilla-León
Code according to the funding entity: (Ref. SA012/04)
Start-End date: 2004 - 2006
- 16** **Name of the project:** Optimización de las propiedades tecnológicas de materiales arcillosos naturales por tratamientos químicos e ingeniería molecular”
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia
City of entity: Madrid, Spain
Name of the programme: CICYT
Code according to the funding entity: (MAT 2002-03526)
Start-End date: 2002 - 2005
- 17** **Name of the project:** Catalizadores básicos metal-carbón de aplicación en reacciones de química fina. Preparación por métodos no convencionales”
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia
City of entity: Madrid, Spain
Name of the programme: CICYT
Code according to the funding entity: (MAT 2001-0319)
Start-End date: 2002 - 2004
- 18** **Name of the project:** Optimización de las propiedades tecnológicas de materiales arcillosos naturales por tratamientos químicos e ingeniería molecular”
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia
City of entity: Madrid, Spain
Name of the programme: CICYT
Code according to the funding entity: (MAT 2002-03526)
Start-End date: 2002 - 2004
- 19** **Name of the project:** Preparación y actividad catalítica de catalizadores soportados sobre arcillas modificadas químicamente”
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia
City of entity: Madrid, Spain
Name of the programme: CICYT



Code according to the funding entity: (MAT 99-0956)

Start-End date: 2001 - 2003

20 Name of the project: Preparación de catalizadores soportados a partir de materiales arcillosos. Actividad catalítica”

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Nacional de Educación a Distancia

Type of entity: University

City of entity: Madrid, Spain

Name of the programme: Junta de Castilla y León

Start-End date: 2000 - 2003

21 Name of the project: 4º Symposium Congreso del bicentenario”

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Nacional de Educación a Distancia

Type of entity: University

City of entity: Madrid, Spain

Name of the programme: MCYT

Code according to the funding entity: (MAT 2001-4419-E)

Start-End date: 2002 - 2002

22 Name of the project: Preparación de catalizadores y adsorbentes selectivos a partir de esmectitas trioctaédricas”

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Nacional de Educación a Distancia

Type of entity: University

City of entity: Madrid, Spain

Name of the programme: CICYT

Start-End date: 1996 - 1999

23 Name of the project: Preparación de fibras de carbón a partir de materia vegetal de origen cubano”

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Nacional de Educación a Distancia

City of entity: Madrid, Spain

Start-End date: 1996 - 1999

24 Name of the project: Activación de silicatos naturales para su aplicación como adsorbentes selectivos y como catalizadores”

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Nacional de Educación a Distancia

Type of entity: University

City of entity: Madrid, Spain

Name of the programme: Financiación: Junta de Castilla y León

Start-End date: 1993 - 1998



- 25** **Name of the project:** Caracterización mediante técnicas de análisis térmico de derivados de la caña de azúcar”
Geographical area: AECI
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia
Type of entity: University
City of entity: Madrid, Spain
Name of the programme: Fondo de expertos de la AECI
Start-End date: 1997 - 1997
- 26** **Name of the project:** "Activación Catalítica de Alcanos"
Geographical area: European Union
Degree of contribution: Researcher
Entity where project took place: Instituto Superior Técnico de Lisboa
City of entity: Lisboa, Portugal
Name of the programme: Programa Europeo de Capital humano y movilidad de la Comunidad Económica Europea;
Code according to the funding entity: Proyecto nº ERBCHRXCT 920065
Start-End date: 1993 - 1995
- 27** **Name of the project:** "Properties of Chemicals for improved oil recovery (EOR)"
Geographical area: European Union
Degree of contribution: Researcher
Entity where project took place: Universidad Nacional de Educación a Distancia
Type of entity: University
City of entity: Madrid, Spain
Name of the programme: Proyecto Joule. C.E.E
Start-End date: 1992 - 1994
- 28** **Name of the project:** "Nuevas zeolitas y materiales zeolíticos como catalizadores en procesos destinados a aumentar el octanaje de gasolinas en procesos de química fina"
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Catálisis y Petroleoquímica, CSIC
City of entity: Madrid, Spain
Name of the programme: CICYT
Start-End date: 1988 - 1990
Dedication regime: Full time
- 29** **Name of the project:** "Estudios sobre 2(5H)-furanonas y su aplicación como sintones"
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Instituto de Química Orgánica del CSIC
City of entity: Madrid, Spain
Name of the programme: DGICYT
Code according to the funding entity: Nº PB86-0627
Start-End date: 1987 - 1990
Dedication regime: Full time



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

- 1 Name of the project:** Aplicación de materiales carbonosos para la acumulación de hidrógeno
Degree of contribution: Researcher
N° of researchers: 6
Start date: 2006 **Duration:** 4 years
- 2 Name of the project:** Sulfonación de materiales sólidos (sepiolitas y sílices) para la preparación de catalizadores ácidos”
Name principal investigator (PI, Co-PI...): Prof. Dr. Avelino Corma Canós
Start date: 1990 **Duration:** 1 year

Results

Industrial and intellectual property

- 1 Title registered industrial property:** Síntesis de quinolinas usando catalizadores con distinta composición, estructura y porosidad basados en aerogeles de carbón dopados e impregnados con metales de transición
Inventors/authors/obtainers: Rosa María Martín Aranda; Marina Godino Ojer; Elena Perez Mayoral
Entity holder of rights: UNED-Universidad de Granada
N° of application: enviada
Country of inscription: Spain, Community of Madrid
Date of register: 03/02/2015
- 2 Title registered industrial property:** Procedimiento de síntesis de cumarinas catalizada por sólidos mesoporosos híbridos inorgánico-orgánico básicos y cumarinas así obtenidas
Inventors/authors/obtainers: Jesus López Sanz; Rosa María Martín Aranda; Antonio José López Peinado; Elena Pérez Mayoral
Entity holder of rights: Universidad Nacional de Educación a Distancia
N° of application: P20121163
Country of inscription: Spain
Date of register: 06/02/2014
- 3 Title registered industrial property:** Preparación de materiales multifuncionales utilizando desechos de producción de aceite de girasol”
Type of industrial property: Patent of invention
Inventors/authors/obtainers: M.A. Martín-Luengo; M. Yates-Buxcey; M. Ramos-Gómez; E. Sáez-Rojo; I. González-Gil; A.M. Martínez-Serrano; J. López-Sanz; R. M. Martín-Aranda
Entity holder of rights: UNED-CSIC
N° of application: P201130303
Date of register: 2011
Spanish patent: Yes
- 4 Title registered industrial property:** Carbón de carácter básico, su procedimiento de preparación y su uso como catalizador en procesos de conversión catalítica de compuestos orgánicos”
Type of industrial property: Patent of invention
Inventors/authors/obtainers: G. Cobos; C. J. Durán-Valle; Rosa María Martín Aranda
Entity holder of rights: UNED-UEx



Country of inscription: Spain
Date of register: 2005
N° of patent: P200501663
Spanish patent: Yes

5 Title registered industrial property: Carbón de carácter ácido, su procedimiento de preparación y su uso como catalizador en procesos de conversión catalítica de compuestos orgánicos"

Type of industrial property: Patent of invention

Inventors/authors/obtainers: S. Ferrera-Escudero; C. J. Durán-Valle; Rosa María Martín Aranda

Entity holder of rights: UNED-UEx

Date of register: 2005

N° of patent: P200501605

Spanish patent: Yes

6 Title registered industrial property: Procedimiento para la preparación de quinolinas usando sólidos mesoporosos híbridos como catalizadores del proceso"

Type of industrial property: Patent of invention

Inventors/authors/obtainers: J. López-Sanz; E. Pérez-Mayoral; R.M. Martín-Aranda; A.J. López-Peinado

Entity holder of rights: Universidad Nacional de Educación a Distancia

N° of application: P201100788

Country of inscription: Spain

Date of register: 2001

Spanish patent: Yes

7 Title registered industrial property: "Aplicación de sepiolitas básicas como catalizadores en reacciones de condensación de Knoevenagel".

Type of industrial property: Patent of invention

Inventors/authors/obtainers: A. Corma; Rosa María Martín Aranda; J. Pérez-Pariente

Entity holder of rights: Instituto de Catálisis y Petroleoquímica, CSIC

Country of inscription: Spain

Date of register: 1989

Conferral date: 1989

N° of patent: 8.904.192 (1989)

Spanish patent: Yes



Scientific and technological activities

Scientific production

H index: 25

Date of application: 03/04/2016

Publications, scientific and technical documents

- 1 Á. Enríquez-de-Salamanca; R.M. Martín-Aranda; R. Díaz-Sierra. Consideration of climate change on environmental impact assessment in Spain. *Environmental Impact Assessment Review*. 2016. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84947735778&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 2 V. Calvino-Casilda; M. Olejniczak; R.M. Martín-Aranda; M. Ziolk. The role of metallic modifiers of SBA-15 supports for propyl-amines on activity and selectivity in the Knoevenagel reactions. *Microporous and Mesoporous Materials*. 2016. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84951273229&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 3 N. Aider; A. Smuszkiewicz; E. Pérez-Mayoral; E. Soriano; R.M. Martín-Aranda; D. Halliche; S. Menad. Amino-grafted SBA-15 material as dual acid-base catalyst for the synthesis of coumarin derivatives. *Catalysis Today*. 227, pp. 215 - 222. 2014. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84900369411&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 4 Marina Godino Ojer; Elena Pérez Mayoral; Elena Soriano Santamaría; Jacek Przepiorski; Rosa M. Martín Aranda. "Eco-friendly Catalytic Systems Based on MgO-Supporting Carbon Materials for the Friedländer Condensation". *ChemCatChem*. 10.1002/cctc.2014026, 2014.
Type of production: Scientific paper **Format:** Journal
- 5 J. López-Sanz; E. Pérez-Mayoral; E. Soriano; D. Omenat-Morán; C.J. Durán; R.M. Martín-Aranda; I. Matos; I. Fonseca. Acid-activated carbon materials: Cheaper alternative catalysts for the synthesis of substituted quinolines. *ChemCatChem*. 5 - 12, pp. 3736 - 3742. 2013. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84889854445&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 6 A. Smuszkiewicz; J. López-Sanz; E. Pérez-Mayoral; E. Soriano; I. Sobczak; M. Ziolk; R.M. Martín-Aranda; A.J. López-Peinado. Amino-grafted mesoporous materials based on MCF structure involved in the quinoline synthesis. Mechanistic insights. *Journal of Molecular Catalysis A: Chemical*. 378, pp. 38 - 46. 2013. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84879204252&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 7 A. Smuszkiewicz; E. Pérez-Mayoral; E. Soriano; I. Sobczak; M. Ziolk; R.M. Martín-Aranda; A.J. López-Peinado. Bifunctional mesoporous MCF materials as catalysts in the Friedländer condensation. *Catalysis Today*. 218-219, pp. 70 - 75. 2013. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84888011126&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal

- 8** I. Sobczak; M. Ziolek; E. Pérez-Mayoral; D. Blasco-Jiménez; A.J. López-Peinado; R.M. Martín-Aranda. Efficient isomerization of safrole by amino-grafted MCM-41 materials as basic catalysts. *Catalysis Today*. 179 - 1, pp. 159 - 163. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84655160805&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 9** I. Matos; P.D. Neves; J.E. Castanheiro; E. Perez-Mayoral; R. Martin-Aranda; C. Duran-Valle; J. Vital; A.M. Botelho Do Rego; I.M. Fonseca. Mesoporous carbon as an efficient catalyst for alcoholysis and aminolysis of epoxides. *Applied Catalysis A: General*. 439-440, pp. 24 - 30. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84865112868&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 10** J. López-Sanz; E. Pérez-Mayoral; E. Soriano; M. Sturm; R.M. Martín-Aranda; A.J. López-Peinado; J. Čejka. New inorganic-organic hybrid materials based on SBA-15 molecular sieves involved in the quinolines synthesis. *Catalysis Today*. 187 - 1, pp. 97 - 103. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84861531533&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 11** C.C. Licón; J. Hurtado de Mendoza; L. Maggi; M.I. Berruga; R.M. Martín Aranda; M. Carmona. Optimization of headspace sorptive extraction for the analysis of volatiles in pressed ewes' milk cheese. *International Dairy Journal*. 23 - 1, pp. 53 - 61. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84855878775&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 12** V. Calvino-Casilda; R.M. Martín-Aranda. Advances in metal-organic frameworks for heterogeneous catalysis. *Recent Patents on Chemical Engineering*. 4 - 1, pp. 1 - 16. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-79955685266&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 13** V. Calvino-Casilda; R.M. Martín-Aranda; A.J. López-Peinado. Alkaline carbons as effective catalysts for the microwave-assisted synthesis of N-substituted-gamma-lactams. *Applied Catalysis A: General*. 398 - 1-2, pp. 73 - 81. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-79955475120&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 14** V. Calvino-Casilda; R.M. Martín-Aranda; A.J. López-Peinado. Green and fast procedure to obtain N-alkylbenzimidazole derivatives under microwave activation. *Environmental Progress and Sustainable Energy*. 30 - 3, pp. 469 - 475. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-80054036573&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 15** D. Blasco-Jiménez; I. Sobczak; M. Ziolek; A.J. López-Peinado; R.M. Martín-Aranda. Amino-grafted metallosilicate MCM-41 materials as basic catalysts for eco-friendly processes. *Catalysis Today*. 152 - 1-4, pp. 119 - 125. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77954314738&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 16** I. Matos; E. Pérez-Mayoral; E. Soriano; A. Zukal; R.M. Martín-Aranda; A.J. López-Peinado; I. Fonseca; J. Čejka. Experimental and theoretical study of pyrazole N-alkylation catalyzed by basic modified molecular sieves. *Chemical Engineering Journal*. 161 - 3, pp. 377 - 383. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77953694401&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal



- 17** V. Calvino-Casilda; E. Pérez-Mayoral; R.M. Martín-Aranda; Z. Zienkiewicz; I. Sobczak; M. Ziolek. Isomerization of eugenol under ultrasound activation catalyzed by alkali modified mesoporous NbMCM-41. *Topics in Catalysis*. 53 - 3-4, pp. 179 - 186. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78049268548&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 18** R.M. Martín-Aranda; V. Calvino-Casilda. Last decade of research in sonochemistry for green organic synthesis. *Recent Patents on Chemical Engineering*. 3 - 2, pp. 82 - 98. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78651560396&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 19** V. Calvino-Casilda; A.J. Lopez-Peinado; C.J. Duran-Valle; R.M. Martin-Aranda. Last decade of research on activated carbons as catalytic support in chemical processes. *Catalysis Reviews - Science and Engineering*. 52 - 3, pp. 325 - 380. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77955700187&partnerID=40&md5=d039e73f8145e29b5ddd2b3cbf875505>>.
Type of production: Scientific paper **Format:** Journal
- 20** L. Guerreiro; P.M. Pereira; I.M. Fonseca; R.M. Martin-Aranda; A.M. Ramos; J.M.L. Dias; R. Oliveira; J. Vital. PVA embedded hydrotalcite membranes as basic catalysts for biodiesel synthesis by soybean oil methanolysis. *Catalysis Today*. 156 - 3-4, pp. 191 - 197. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77958106234&partnerID=40&md5=91b91d78acbc67f39b01c744badc7224>>.
Type of production: Scientific paper **Format:** Journal
- 21** R.M. Martín-Aranda; J. Čejka. Recent advances in catalysis over mesoporous molecular sieves. *Topics in Catalysis*. 53 - 3-4, pp. 141 - 153. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77955509141&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 22** S. Ferrera-Escudero; E. Perozo-Rondón; V. Calvino-Casilda; B. Casal; R.M. Martín-Aranda; A.J. López-Peinado; C.J. Durán-Valle. The effect of ultrasound on the N-alkylation of imidazole over alkaline carbons: Kinetic aspects. *Applied Catalysis A: General*. 378 - 1, pp. 26 - 32. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77949485327&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 23** J. López-Sanz; E. Pérez-Mayoral; D. Procházková; R.M. Martín-Aranda; A.J. López-Peinado. Zeolites promoting quinoline synthesis via Friedländer reaction. *Topics in Catalysis*. 53 - 19-20, pp. 1430 - 1437. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78650236897&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 24** V. Calvino-Casilda; R.M. Martín-Aranda; A.J. López-Peinado; I. Sobczak; M. Ziolek. Catalytic properties of alkali metal-modified oxide supports for the Knoevenagel condensation: Kinetic aspects. *Catalysis Today*. 142 - 3-4, pp. 278 - 282. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-63349092471&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 25** C. Gutiérrez-Sánchez; V. Calvino-Casilda; E. Pérez-Mayoral; R.M. Martín-Aranda; A.J. López-Peinado; M. Bejblová; J. Čejka. Coumarins preparation by Pechmann reaction under ultrasound irradiation. Synthesis of hymecromone as insecticide intermediate. *Catalysis Letters*. 128 - 3-4, pp. 318 - 322. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84859601696&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal



- 35** L. Costarrosa; V. Calvino-Casilda; S. Ferrera-Escudero; C.J. Durán-Valle; R.M. Martín-Aranda. Alkylation of imidazole under ultrasound irradiation over alkaline carbons. *Applied Surface Science*. 252 - 17, pp. 6089 - 6092. 2006. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-33745656437&partnerID=MN8TOARS>.
Type of production: Scientific paper **Format:** Journal
- 36** E. Perozo-Rondón; V. Calvino-Casilda; R.M. Martín-Aranda; B. Casal; C.J. Durán-Valle; M.L. Rojas-Cervantes. Catalysis by basic carbons: Preparation of dihydropyridines. *Applied Surface Science*. 252 - 17, pp. 6080 - 6083. 2006. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-33745645022&partnerID=MN8TOARS>.
Type of production: Scientific paper **Format:** Journal
- 37** E. Perozo-Rondón; L. Costarrosa; R.M. Martín-Aranda; M.L. Rojas-Cervantes; M.A. Vicente-Rodríguez. Microwave enhanced synthesis of N-propargyl derivatives of imidazole. A green approach for the preparation of fungicidal compounds. *Applied Surface Science*. 252 - 17, pp. 6067 - 6070. 2006. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-33745644067&partnerID=MN8TOARS>.
Type of production: Scientific paper **Format:** Journal
- 38** V. Calvino-Casilda; R. Martín-Aranda; I. Sobczak; M. Ziolk. Modification of acid-base properties of alkali metals containing catalysts by the application of various supports. *Applied Catalysis A: General*. 303 - 1, pp. 121 - 130. 2006. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-33645232244&partnerID=40&md5=7ecc70474a787688742bdbd10de8470a>.
Type of production: Scientific paper **Format:** Journal
- 39** E. Perozo-Rondón; R.M. Martín-Aranda; B. Casal; C.J. Durán-Valle; W.N. Lau; X.F. Zhang; K.L. Yeung. Sonocatalysis in solvent free conditions: An efficient eco-friendly methodology to prepare chalcones using a new type of amino grafted zeolites. *Catalysis Today*. 114 - 2-3, pp. 183 - 187. 2006. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-33646478473&partnerID=MN8TOARS>.
Type of production: Scientific paper **Format:** Journal
- 40** J. Aguado-Serrano; M.L. Rojas-Cervantes; R.M. Martín-Aranda; A.J. López-Peinado; V. Gómez-Serrano. Surface and catalytic properties of acid metal-carbons prepared by the sol-gel method. *Applied Surface Science*. 252 - 17, pp. 6075 - 6079. 2006. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-33745674954&partnerID=MN8TOARS>.
Type of production: Scientific paper **Format:** Journal
- 41** L. Guerreiro; J.E. Castanheiro; I.M. Fonseca; R.M. Martín-Aranda; A.M. Ramos; J. Vital. Transesterification of soybean oil over sulfonic acid functionalised polymeric membranes. *Catalysis Today*. 118 - 1-2, pp. 166 - 171. 2006. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-33749134043&partnerID=40&md5=f470cbee28bbf368089132e52caeb6a8>.
Type of production: Scientific paper **Format:** Journal
- 42** V. Calvino; M. Picallo; A.J. López-Peinado; R.M. Martín-Aranda; C.J. Durán-Valle. Ultrasound accelerated Claisen-Schmidt condensation: A green route to chalcones. *Applied Surface Science*. 252 - 17, pp. 6071 - 6074. 2006. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-33745657667&partnerID=MN8TOARS>.
Type of production: Scientific paper **Format:** Journal
- 43** K.L. Yeung; X. Zhang; W.N. Lau; R. Martín-Aranda. Experiments and modeling of membrane microreactors. *Catalysis Today*. 110 - 1-2, pp. 26 - 37. 2005. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-27744564129&partnerID=40&md5=f9458e850199d3a320eeaa7ede580ced>.
Type of production: Scientific paper **Format:** Journal



- 53** V. Calvino-Casilda; A.J. López-Peinado; R.M. Martín-Aranda; S. Ferrera-Escudero; C.J. Durán-Valle. Ultrasound-promoted N-propargylation of imidazole by alkaline-doped carbons. *Carbon*. 42 - 7, pp. 1357 - 1360. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-2342622202&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 54** S.M. Lai; R. Martín-Aranda; K.L. Yeung. Knoevenagel condensation reaction in a membrane microreactor. *Chemical Communications*. 9 - 2, pp. 218 - 219. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037245229&partnerID=40&md5=f53c549c881963e701f2135474d85a09>>.
Type of production: Scientific paper **Format:** Journal
- 55** S.M. Lai; C.P. Ng; R. Martín-Aranda; K.L. Yeung. Knoevenagel condensation reaction in zeolite membrane microreactor. *Microporous and Mesoporous Materials*. 66 - 2-3, pp. 239 - 252. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0344063592&partnerID=40&md5=2549f22595f840a700520bcae605239b>>.
Type of production: Scientific paper **Format:** Journal
- 56** V. Calvino-Casilda; A.J. López-Peinado; J.L.G. Fierro; R.M. Martín-Aranda. Microwave assisted N-propargylation of imidazole using alkaline promoted carbons. *Applied Catalysis A: General*. 240 - 1-2, pp. 287 - 293. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037429046&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 57** D.M. Nevskaja; R.M. Martín-Aranda. Nitric acid-oxidized carbon for the preparation of esters under ultrasonic activation. *Catalysis Letters*. 87 - 3-4, pp. 143 - 147. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0141952007&partnerID=40&md5=cc8e95d2e0ce348b437bd35209c2db48>>.
Type of production: Scientific paper **Format:** Journal
- 58** M.L. Rojas-Cervantes; A.J. López-Peinado; R.M. Martín-Aranda; V. Gómez-Serrano. Synthesis and characterisation of xTiO₂·(1-x)SiO₂-carbon composites. *Carbon*. 41 - 1, pp. 79 - 86. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037214290&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 59** R.M. Martín-Aranda; E. Ortega-Cantero; M.L. Rojas-Cervantes; M.A. Vicente-Rodríguez; M.A. Bañares-Muñoz. Sonocatalysis and basic clays. Michael addition between imidazole and ethyl acrylate. *Catalysis Letters*. 84 - 3-4, pp. 201 - 204. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036883423&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 60** J.M. López-Pestaña; M.J. Ávila-Rey; R.M. Martín-Aranda. Ultrasound-promoted N-alkylation of imidazole. Catalysis by solid-base, alkali-metal doped carbons. *Green Chemistry*. 4 - 6, pp. 628 - 630. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036929020&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 61** J. Rubio-Gómez; R.M. Martín-Aranda; M.L. Rojas-Cervantes; J.D.D. López-González; J.L.G. Fierro. Ultrasound enhanced reactions involving activated carbons as catalysts: Synthesis of α,β -unsaturated nitriles. *Carbon*. 37 - 2, pp. 213 - 219. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0032631734&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 62** M. Alfaro-Domínguez; F.J. Higes-Rolando; V. Gómez-Serrano; R.M. Martín-Aranda; M.L. Rojas-Cervantes; A.J. López-Peinado. Interaction of molten salts with a semianthracite char at 873 K. A study by X-ray diffraction. *Energy and Fuels*. 12 - 2, pp. 289 - 297. 1998. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0347937119&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal

- 63** R.M. Martín-Aranda; M.A. Vicente-Rodríguez; J.M. López-Pestaña; A.J. López-Peinado; A. Jerez; J.D. De López-González; M.A. Bañares-Muñoz. Application of basic clays in microwave activated Michael additions: Preparation of N-substituted imidazoles. *Journal of Molecular Catalysis A: Chemical*. 124 - 2-3, pp. 115 - 121. 1997. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0031563794&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 64** L.M. Madeira; R.M. Martín-Aranda; F.J. Maldonado-HÃ³dar; J.L.G. Fierro; M.F. Portela. Oxidative dehydrogenation of n-butane over alkali and alkaline earth-promoted NiMoO_4 catalysts. *Journal of Catalysis*. 169 - 2, pp. 469 - 479. 1997. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0001077026&partnerID=40&md5=1ae12864bfa0cc7aa9f1575aba0737b3>>.
Type of production: Scientific paper **Format:** Journal
- 65** F.J. Maldonado-HÃ³dar; L.M. Madeira; M.F. Portela; R.M. Martín-Aranda; F. Freire. Oxidative dehydrogenation of butane: Changes in chemical, structural and catalytic behavior of Cs-doped nickel molybdate. *Journal of Molecular Catalysis A: Chemical*. 111 - 3, pp. 313 - 323. 1996. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0030601464&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 66** L.M. Madeira; F.J. Maldonado-HÃ³dar; M.F. Portela; F. Freire; R.M. Martín-Aranda; M. Oliveira. Oxidative dehydrogenation of n-butane on Cs doped nickel molybdate: Kinetics and mechanism. *Applied Catalysis A: General*. 135 - 1, pp. 137 - 153. 1996. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-16144367984&partnerID=40&md5=da132d51906a1ae96adb9c9738134f08>>.
Type of production: Scientific paper **Format:** Journal
- 67** R.M. Martín-Aranda; M.F. Portela; L.M. Madeira; F. Freire; M. Oliveira. Effect of alkali metal promoters on nickel molybdate catalysts and its relevance to the selective oxidation of butane. *Applied Catalysis A, General*. 127 - 1-2, pp. 201 - 217. 1995. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-51849107688&partnerID=40&md5=6ec9a6952a25a3b1318c54aeb9d635af>>.
Type of production: Scientific paper **Format:** Journal
- 68** C. Hontoria-Lucas; A.J. López-Peinado; J.d.D. López-González; M.L. Rojas-Cervantes; R.M. Martín-Aranda. Study of oxygen-containing groups in a series of graphite oxides: Physical and chemical characterization. *Carbon*. 33 - 11, pp. 1585 - 1592. 1995. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0029488472&partnerID=40&md5=e176dd55cb72baee9f4a58c5245566bf>>.
Type of production: Scientific paper **Format:** Journal
- 69** R.M. Martín-Aranda; M.L. Rojas-Cervantes; A.J. López-Peinado; J.d.D. López-González. Selective N-propargylation of imidazole under microwave irradiation using some magnesium oxides as catalysts. *Catalysis Letters*. 25 - 3-4, pp. 385 - 392. 1994. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0000811377&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 70** M.L. Rojas -Cervantes; R.M. Martín -Aranda; A.J. López -Peinado; J.D.D. López -Gonzalez. ZrO_2 obtained by the sol-gel method: influence of synthesis parameters on physical and structural characteristics. *Journal of Materials Science*. 29 - 14, pp. 3743 - 3748. 1994. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0028464472&partnerID=40&md5=c06eb51a697e1daba09f12027bbe8673>>.
Type of production: Scientific paper **Format:** Journal
- 71** R.M. Martín-Aranda; M.L.R. Cervantes; A.J. López-Peinado; J. de D. López-Gonzalez. Alkaline carbons as base catalysts: Alkylation of imidazole with alkyl halides. *Journal of Molecular Catalysis*. 85 - 2, pp. 253 - 264. 1993. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0027698601&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal



- 72** A. Corma; R.M. Martín-Aranda. Application of solid base catalysts in the preparation of prepolymers by condensation of ketones and malononitrile. *Applied Catalysis A, General*. 105 - 2, pp. 271 - 279. 1993. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0027700795&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 73** J. De D. L³pez-Gonz³lez; A. L³pez-Peinado; R.M. Mart³n-Aranda; M.L. Rojas-cervantes. Characterization of basic sites of alkaline carbons by Knoevenagel condensation. *Carbon*. 31 - 8, pp. 1231 - 1236. 1993. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0027837682&partnerID=40&md5=ec45fe5201e3795e5fd67ba912cac339>>.
Type of production: Scientific paper **Format:** Journal
- 74** F. Farina; M.V. Martin; R.M. Martin-Aranda; A.M. De Guereñu. Pseudoesters and derivatives. XXXI. Synthesis of 4-ethylthio-, 5-ethylsulfinyl- and 5-ethylsulfonylfuran-2(5H)-ones. *Synthetic Communications*. 23 - 4, pp. 459 - 472. 1993. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0027522674&partnerID=40&md5=277661de8704b6683c6b6b0d466d965e>>.
Type of production: Scientific paper **Format:** Journal
- 75** A. Corma; V. Forn³s; R.M. Mart³n-Aranda; F. Rey. Determination of base properties of hydrotalcites: Condensation of benzaldehyde with ethyl acetoacetate. *Journal of Catalysis*. 134 - 1, pp. 58 - 65. 1992. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-44049114869&partnerID=40&md5=b7e8662b7c4f746ef4751c6a30255e28>>.
Type of production: Scientific paper **Format:** Journal
- 76** A. Corma; R.M. Mart³n-Aranda. Alkaline-substituted sepiolites as a new type of strong base catalyst. *Journal of Catalysis*. 130 - 1, pp. 130 - 137. 1991. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0000261278&partnerID=MN8TOARS>>.
Type of production: Scientific paper **Format:** Journal
- 77** A. Corma; R.M. Mart³n-Aranda; F. S³ñchez. Zeolites as Base Catalysts. Preparation of Calcium Antagonists Intermediates by Condensation of Benzaldehyde with Ethyl Acetoacetate. *Studies in Surface Science and Catalysis*. 59 - C, pp. 503 - 511. 1991. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0000058287&partnerID=40&md5=d2a703c091eaac43b337a1f5ef9f6942>>.
Type of production: Scientific paper **Format:** Journal
- 78** A. Corma; V. Fornes; R.M. Mart³n-Aranda; H. Garcia; J. Primo. Zeolites as base catalysts: Condensation of aldehydes with derivatives of malonic esters. *Applied Catalysis*. 59 - 1, pp. 237 - 248. 1990. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0025698324&partnerID=40&md5=c03c4b0ac20d59ae0869c51e3668396d>>.
Type of production: Scientific paper **Format:** Journal
- 79** A. Corma; R.M. Martin-Aranda; F. Sanchez. Zeolites as base catalysts: Condensation of benzaldehyde derivatives with activated methylenic compounds on Germanium-substituted faujasite. *Journal of Catalysis*. 126 - 1, pp. 192 - 198. 1990. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0001477171&partnerID=40&md5=6528457c7e24b02bdf0b62054eb50796>>.
Type of production: Scientific paper **Format:** Journal
- 80** Elena Pérez Mayoral; Elena Soriano Santamaría; Rosa M Martín Aranda; Francisco José Maldonado Hódar. Mesoporous Catalytic Materials and Fine Chemistry. *Comprehensive Guide for Mesoporous Materials*. 2014.
Type of production: Book chapter **Format:** Book
- 81** M. Carmen Ortega Navas; Rosa M Martín Aranda; Rocio Muñoz Mansilla; Fernando Latorre Torres. Electronic logistic for sustainable distance education: the new on-site virtualization of evaluation documents. *Peter Lang Series-Sustainable Education*. 2014.



Type of production: Book chapter

Format: Journal

- 82** Elena Pérez Mayoral; Vanesa Calvino Casilda; Marina Godino Ojer; Rosa M Martín Aranda; Antonio José López Peinado. Porous catalytic systems in the synthesis of bioactive heterocycles and related compounds,. Biologically Relevant Heterocycles. Elsevier, 2014.

Type of production: Book chapter

- 83** Rosa M Martín Aranda. Green Solvents for pharmaceutical industry. Green Solvents Vol. I - Properties and Applications in Chemistry. 1, pp. 147 - 173. Springer ISBN: 9400717113, 2012.

Type of production: Book chapter

Format: Book

- 84** V. Calvino-Casilda; R.M. Martín-Aranda; W.N. Lau; X.F. Zhang; K.L. Yeung. Sonocatalysis in solvent free conditions: An efficient eco-friendly methodology to prepare N-alkyl imidazoles using zeolites. Studies in Surface Science and Catalysis. 158 B, pp. 1985 - 1992. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-30844457741&partnerID=MN8TOARS>>.

Type of production: Scientific book or monograph

Format: Book

- 85** T. Klimova; Y. Huerta; M.L. Rojas Cervantes; R.M. Martín Aranda; J. Ramírez. Control of porosity and surface area in TiO₂-Al₂O₃ mixed oxides supports by means of ammonium carbonate. Studies in Surface Science and Catalysis. 91 - C, pp. 411 - 420. 1995. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0012311254&partnerID=MN8TOARS>>.

Type of production: Scientific book or monograph

Format: Book

Works submitted to national or international conferences

- 1** **Title of the work:** Estudio instrumental de plaguicidas multiresiduo de plaguicidas em vegetales mediante GC/MS"

Name of the conference: 2º Congreso de Espectrometria de Masa

City of event: Buenos Aires, Argentina

Date of event: 05/11/2014

End date: 06/11/2014

1; Francisco Mocholí Castelló; Liliana Bonetto Rocchia; Oscar Martos Malpesa.

- 2** **Title of the work:** Eco-friendly Synthesis of 2-Amino-4H-chromenes Catalyzed by Niobium Mesoporous Cellular Foams (NbMCF)

Name of the conference: 8th International Symposium on Five Group Elements

City of event: Málaga, Spain

Date of event: 24/06/2014

End date: 27/06/2014

Organising entity: UMA-UNED

1; Agata Smuszkiewicz; Marina Godino Ojer; Jesus López Sanz; Elena Pérez Mayoral; Isabela Sobzack; <antonio José López Peinado; Maria Ziolek; Rosa M Martín Aranda.

- 3** **Title of the work:** BASIC MESOPOROUS CATALYTIC SYSTEMS FOR THE SYNTHESIS OF COUMARINS

Name of the conference: School of Molecular Sieves, Catalysis

City of event: Praga, Czech Republic

Date of event: 17/03/2014

End date: 19/03/2014

Agata Smuszkiewicz; Marina Godino Ojer; Elena Pérez Mayoral; Elena Soriano Santamaria; Antonio José López Peinado; Rosa M Martín Aranda.



- 4** **Title of the work:** CATALYTIC BEHAVIOUR OF AMINO-GRAFTED MESOPOROUS MATERIALS IN THE SYNTHESIS OF BIOACTIVE HETEROCYCLES
Name of the conference: 45th symposium of catalysis
City of event: Praga, Czech Republic
Date of event: 04/11/2013
End date: 06/11/2013
Organising entity: Academia de Ciencias Checa
Agata Smuszkiewicz; Elena Pérez Mayoral; Elena Soriano Santamaria; Rosa M Martín Aranda.
- 5** **Title of the work:** SUPER-BASIC CARBONS PROMOTING THE SYNTHESIS OF QUINOLINES VIA FRIEDLÄNDER CONDENSATION
Name of the conference: 45th symposium of catalysis
City of event: Praga, Czech Republic
Date of event: 04/11/2013
End date: 06/11/2013
Organising entity: Academia de Ciencias Checa
City organizing entity: Praga,
Marina Godino Ojer; Elena Pérez Mayoral; Elena Soriano Santamaria; Jacek Przepiórski; Rosa M Martín Aranda; Antonio José López Peinado.
- 6** **Title of the work:** CARBONES BÁSICOS ACTIVADOS CON MgO ÚTILES EN LA SÍNTESIS DE QUINOLINAS
Name of the conference: XIII Reunión del Grupo Español del Carbón, GEC 2013
City of event: Madrid, Spain
Date of event: 20/10/2013
End date: 23/10/2013
Organising entity: GEC
City organizing entity: Madrid,
Marina Godino Ojer; Elena Pérez Mayoral; Jacek Przepiórski; Rosa M Martín Aranda; Antonio José López Peinado.
- 7** **Title of the work:** CONDENSACIÓN DE FRIEDLÄNDER CATALIZADA POR CARBONES ÁCIDOS MICROPOROSOS
Name of the conference: XIII Reunión del Grupo Español del Carbón, GEC 2013
City of event: Madrid, Spain
Date of event: 20/10/2013
End date: 23/10/2013
Organising entity: GEC
City organizing entity: Madrid,
Marina Godino Ojer; Jesus López Sanz; Elena Pérez Mayoral; Elena Soriano Santamaria; Rosa M Martín Aranda; Carlos Javier Durán Valle.
- 8** **Title of the work:** In situ Fabrication of Freestanding ZIF-8 Membrane in Microchannel for Knoevenagel condensation Reaction
Name of the conference: 11th International Conference on Catalysis in Membrane Reactors
City of event: Porto, Portugal
Date of event: 07/07/2013
End date: 11/07/2013
X Q Chen; T N Ng; King L Yeung; Elena Pérez Mayoral; Antonio José López Peinado; Rosa M Martín Aranda.



- 9** **Title of the work:** Activated carbons loaded with Mgo catalyzing the synthesis of quinolines
Name of the conference: 5th Czech-Italian-Spanish Conference on Molecular Sieves and Catalysis
City of event: Segovia, Spain
Date of event: 16/06/2013
End date: 19/06/2013
City organizing entity: Segovia,
1; Marina Godino Ojer; Jesus López Sanz; Elena Pérez Mayoral; Jacek Przepiórski.
- 10** **Title of the work:** Amino-grafted SBA-15 materials as basic catalysts for synthesis of coumarin derivatives
Name of the conference: 5th Czech-Italian-Spanish Conference on Molecular Sieves and Catalysis
City of event: Segovia, Spain
Date of event: 16/06/2013
End date: 19/06/2013
Organising entity: UNED-CSIC
City organizing entity: Segovia,
Nadia Aider; Agata Smuszkiewicz; Elena Pérez Mayoral; Elena Soriano Santamaria; Rosa M Martín Aranda;
Djamila Halliche.
- 11** **Title of the work:** SBA-15 modified with organic amino moieties as efficient basic catalysts in the synthesis of coumarins”
Name of the conference: 5th Czech-Italian-Spanish Conference on Molecular Sieves and Catalysis
City of event: Segovia, Spain
Date of event: 16/06/2013
End date: 19/06/2013
Organising entity: UNED-CSIC
City organizing entity: Segovia,
Agata Smuszkiewicz; Elena Pérez Mayoral; Elena Soriano Santamaria; Rosa M Martín Aranda; Antonio José López Peinado.
- 12** **Title of the work:** Amino grafted SBA-15 efficiently catalyzing the synthesis of coumarins. Experimental and Theoretical study”
Name of the conference: Symposium in Honour of Prof. Ramoa Ribeiro. Catalysis: from the active site to the Process
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 10/2012
End date: 10/2012
N. Aider; Elena Pérez Mayoral; E. Soriano; Rosa María Martín Aranda; Antonio J. López Peinado; J. Cejka;
D. Halliche; S. Dellah.
- 13** **Title of the work:** Basic mesoporous materials based on MCF structura involved in the quinoline synthesis. Mechanistic insights”
Name of the conference: Symposium in Honour of Prof. Ramoa Ribeiro. Catalysis: from the active site to the Process
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 10/2012
End date: 10/2012
Agata Smuszkiewicz; Elena Pérez Mayoral; E. Soriano; I. Sobczak; M. Ziolek; Rosa María Martín Aranda;
Antonio J. López Peinado.



- 14** **Title of the work:** Bifunctional MCF Materials Involved in the Synthesis of Substituted Quinolines
Name of the conference: XLIV Polish Annual Conference on Catalysis
City of event: Cracoia, Poland
Date of event: 12/03/2012
End date: 16/03/2012
Organising entity: Universidad de Cracovia
City organizing entity: Cracovia,
Agata Smuszkiewicz; Jesus López Sanz; Elena Pérez Mayoral; Isabela Sobzack; Rosa M Martín Aranda; Maria Ziolk.
- 15** **Title of the work:** Renewable raw materials for advanced applications”
Name of the conference: World Congress on Sustainable Technologies
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Londres, United Kingdom
Date of event: 11/2011
End date: 11/2011
M.A. Luengo; M. Yates; M. Ramos; J.L. Salgado; Rosa María Martín Aranda; F. Plou; L. López-Sanz; R. Lozano-Pirrongelli; E. Sáez-Rojo; D. Huerta-Arribas; L. González-Gil; A.M. Martínez-Serrano; M. Díaz; . Vega-Argomaniz; S. Nogales; E. Alonso; E. Ruiz-Hitzky.
- 16** **Title of the work:** Carbones básicos como catalizadores en reacciones de isomerización de eugenol”
Name of the conference: XI Reunión del Grupo Español del Carbón
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Badajoz, United States of America
Date of event: 10/2011
N. Aider; D. Halliche; R. Muñoz-Mansilla; V. Calvino- Casilda; E. Perez-Mayoral; R.M. Martin-Aranda; A. Lopez-Peinado.
- 17** **Title of the work:** Carbones ácidos: excelentes catalizadores en la síntesis de quinolinas con actividad biológica”
Name of the conference: XI Reunión del Grupo Español del Carbón
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Badajoz, Spain
Date of event: 10/2011
Jesus Lopez Sanz; Elena Perez Mayoral; Rosa Maria Martin Aranda; Carlos Duran Valle; Antonio J. Lopez Peinado.
- 18** **Title of the work:** Biomass valorisation as renewable raw materials
Name of the conference: International Biomass Valorization Congress
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Utrecht, Hong Kong
Date of event: 09/2011
End date: 09/2011
M.A. Luengo; M. Yates; M. Ramos; J.L. Salgado; Rosa María Martín Aranda; F. Plou; L. López-Sanz; R. Lozano-Pirrongelli; E. Sáez-Rojo; D. Huerta-Arribas; L. González-Gil; A.M. Martínez-Serrano; M. Díaz; L. Vega-Argomaniz; S. Nogales; E. Alonso.



- 19** **Title of the work:** A green route to cinnamic acids by ultrasound assisted Doebner reaction”
Name of the conference: A green route to cinnamic acids by ultrasound assisted Doebner reaction”
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Liblice, Czech Republic
Date of event: 06/2011
End date: 06/2011
M.A. Rodríguez-García; J. López-Sanz; Vanesa Calvino Casilda; Elena Pérez Mayoral; Antonio J. López Peinado; Rosa María Martín Aranda.
- 20** **Title of the work:** Catalytic safrol isomerization by amino-grafted MCM-41 materials as basic catalysts”
Name of the conference: 4th Czech-Italian-Spanish Workshop onMolecular Sieves and Catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Liblice, Czech Republic
Date of event: 06/2011
End date: 06/2011
M. Ziolk; I. Sobczak; D. Blasco-Jiménez; Elena Pérez Mayoral; Antonio J. López Peinado; Rosa María Martín Aranda.
- 21** **Title of the work:** Nuevos materiales híbridos inorgánico-orgánicos útiles en la síntesis de quinolinas: tamices moleculares SBA-15 funcionalizados”
Name of the conference: SECAT 2011-Reunión de la Sociedad Española de Catálisis. SECAT 11
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Zaragoza, Spain
Date of event: 06/2011
Jesus Lopez Sanz; Marina Surm; Elena Perez Mayoral; Rosa M. Martin Aranda; Antonio J. Lopez Peinado.
- 22** **Title of the work:** Environmentally benign route for isomerization of olefins using activated carbons as base catalysts”
Name of the conference: Structure performance relationship in functional materials: catalysis, electrochemistry and surfactants” COST Action D36 Final Workshop
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Málaga, Spain
Date of event: 05/2011
End date: 05/2011
M.A. Rodríguez-García; J. López-Sanz; Elena Pérez Mayoral; Antonio J. López Peinado; Rosa María Martín Aranda; Vanesa Calvino Casilda.
- 23** **Title of the work:** New inorganic-organic hybrids materials based on SBA-15 molecular sieves involved in the quinolines synthesis”
Name of the conference: Structure performance relationship in functional materials: catalysis, electrochemistry and surfactants” COST Action D36 Final Workshop
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Málaga, Spain
Date of event: 05/2011
End date: 05/2011
J. López-Sanz; Elena Pérez Mayoral; Rosa María Martín Aranda; Antonio J. López Peinado; J. Cejka.



- 24** **Title of the work:** Intermedios de química fina y materiales renovables a partir de residuos agroindustriales. Ecomateriales”
Name of the conference: Congreso Nacional de Medio Ambiente. CONAMA 10
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 12/2010
1; M.A. Martin-Luengo; M.Yates; M.Ramos; J.L. Salgado; Rosa M. Martin Aranda; F. Plou; Jesus Lopez Sanz; R. Lozano-Pirrogelli; E. Saez-Rojo; D. Huerta-Arribas; E. Alonso; L. Gonzalez-Gil; A.M. Martinez-Serrano; E. Ruiz-Hitzky.
- 25** **Title of the work:** Molecular sieves for Friedländer reaction”
Name of the conference: 16 th International Zeolite Conference joint with the 7th International Mesostructured Materials Symposium
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Sorrento, Italy
Date of event: 07/2010
End date: 07/2010
J. López-Sanz; Elena Pérez Mayoral; N. Filoka; Rosa María Martín Aranda; Antonio J. López Peinado; J. Cejka.
- 26** **Title of the work:** Zeolites Promoting Quinoline Synthesis via friedlander reaction”
Name of the conference: Zeolite workshop, Challenges in zeolite synthesis and catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Liblice, Czech Republic
Date of event: 07/2010
End date: 07/2010
J. López-Sanz; Elena Pérez Mayoral; Rosa María Martín Aranda; Antonio J. López Peinado.
- 27** **Title of the work:** Efficient synthesis of N-alkyl pyrazoles catalyzed by basic modified molecular sieves”
Name of the conference: Europacat 09.
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Salamanca, Spain
Date of event: 08/2009
End date: 09/2009
I. Matos; Elena Pérez Mayoral; E. Soriano; A. Zuka; Rosa María Martín Aranda; Antonio J. López Peinado; I. Fonseca; J. Čejka.
- 28** **Title of the work:** Hydrotalcites and ultrasound: efficient isomerization of eugenol”
Name of the conference: Europacat 09
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Salamanca, Spain
Date of event: 08/2009
End date: 09/2009
J. Lopez Sanz; E. Perozo-Rondon; Elena Pérez Mayoral; Rosa María Martín Aranda; B. Casal; M. A. Martin-Luengo.



- 29** **Title of the work:** Ultrasound Knoevenagel-Doebner condensation on basic activated carbons”
Name of the conference: Europacat 09
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Salamanca, Spain
Date of event: 08/2009
End date: 09/2009
J. López-Sanz; F. Dominguez-Fernandez; Elena Pérez Mayoral; Antonio J. López Peinado; Rosa María Martín Aranda; C. J. Duran-Valle.
- 30** **Title of the work:** Al-SBA-15 and (Cs)Al-SBA-15 as efficient catalysts for acetalation reaction”
Name of the conference: ABC-6. World Congress on Acid and base catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Genova, Italy
Date of event: 05/2009
End date: 05/2009
F. Domínguez-Fernández; Elena Pérez Mayoral; A. Zukal; Rosa María Martín Aranda; Antonio J. López Peinado; J. Čejka.
- 31** **Title of the work:** Isomerization of eugenol under ultrasound activation using hydrotalcites as base catalysts
Name of the conference: ABC-6. World Congress on Acid and base catalysis.
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Genova, Italy
Date of event: 05/2009
End date: 05/2009
J. López-Sanz; E. Perozo-Rondón; Elena Pérez Mayoral; Rosa María Martín Aranda; B. Casal; M. A. Martín-Luengo.
- 32** **Title of the work:** Ultrasound Knoevenagel-Doebner condensation on basic activated carbons”
Name of the conference: ABC-6. World Congress on Acid and base catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Genova, Italy
Date of event: 05/2009
End date: 05/2009
J. López-Sanz; F. Domínguez-Fernández; Elena Pérez Mayoral; Antonio J. López Peindao; Rosa María Martín Aranda; C. J. Durán-Valle.
- 33** **Title of the work:** Solid base supports for fine chemicals reactions activated by focalized MW. A contribution to Green Chemistry”
Name of the conference: Fist International Conference on Multifunctional, Hybrid and Nanomaterials
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Tours, France
Date of event: 03/2009
End date: 03/2009
B. Casal; E. Perozo-Rondón; M.A. Martín-Luengo; Rosa María Martín Aranda.



- 34** **Title of the work:** Green Catalysis on Molecular Sieves”
Name of the conference: IUMRS, ICA 2008, The IUMRS International Conference in Asia 2008
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Nagoya, Japan
Date of event: 12/2008
End date: 12/2008
J. Cejka; Elena Pérez Mayoral; H. Balcar; Rosa María Martín Aranda; M. Bejblová.
- 35** **Title of the work:** N-Alkylation of five-membered nitrogen heterocycles catalyzed by basic mesoporous materials”
Name of the conference: 40th Symposium on Catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 11/2008
End date: 11/2008
City organizing entity: Praga, Czech Republic
I. Matos; Elena Pérez Mayoral; Rosa María Martín Aranda; Antonio J. López Peinado; I. Fonseca; A. Zukal; J. Čejka.
- 36** **Title of the work:** Sonocatalysis and Green Chemistry: synthesis of coumarins for the preparation of insecticides”
Name of the conference: 40th Symposium on Catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - invited/keynote talk
City of event: Praga, Czech Republic
Date of event: 11/2008
End date: 11/2008
C. Gutiérrez-Sánchez; Vanesa Calvino Casilda; Elena Pérez Mayoral; Antonio J. López Peinado; Rosa María Martín Aranda.
- 37** **Title of the work:** The influence of immobilization method on the properties of amine-MCM-41 and amine-SBA-15 containing various T atoms”
Name of the conference: 4th INTERNATIONAL FEZA CONFERENCE
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Paris, France
Date of event: 09/2008
End date: 09/2008
D. Blasco-Jiménez; Antonio J. López Peinado; Rosa María Martín Aranda; I. Sobczak; M. Ziolk.
- 38** **Title of the work:** The influence of immobilization method on the properties of amine-MCM-41 and amine-SBA-15 containing various T atoms”
Name of the conference: IMM 2008
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Namur, Belgium
Date of event: 09/2008
End date: 09/2008
D. Blasco-Jiménez; Antonio J. López Peinado; Rosa María Martín Aranda; I. Sobczak; M. Ziolk.



- 39** **Title of the work:** Green synthesis of acetals/ketals: efficient solvent-free process for the carbonyl/hydroxyl group protection catalyzed by SBA-15 materials”
Name of the conference: KZA International Workshop 2008 Recent Progresses and Perspectives in Nanoporous and Mesoporous Materials”
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Seoul, Kazakhstan
Date of event: 07/2008
End date: 07/2008
Elena Pérez Mayoral; Rosa María Martín Aranda; Antonio J. López Peinado; P. Ballesteros; A. Zukal; J. Čejka.
- 40** **Title of the work:** Alquilación de imidazol sobre sepiolitas básicas activadas por irradiación de microondas. Una contribución a la Química Verde”
Name of the conference: XXI SICAT (Simposio Iberoamericano de Catálisis)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Benalmádena, Spain
Date of event: 06/2008
End date: 06/2008
E. Perozo-Rondón; Rosa María Martín Aranda; M.A. Martín-Luengo; B. Casal.
- 41** **Title of the work:** An eco-friendly sonocatalytic synthesis of N-alkylimidazoles over zeolites”
Name of the conference: XXI SICAT (Simposio Iberoamericano de Catálisis)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Benalmádena, Spain
Date of event: 06/2008
End date: 06/2008
Vanesa Calvino Casilda; Rosa María Martín Aranda; Antonio J. López Peinado; M. Bejlová; J. Čejka.
- 42** **Title of the work:** Coumarins fast preparation by Pechmann reaction under ultrasound irradiation”
Name of the conference: XXI SICAT (Simposio Iberoamericano de Catálisis)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Benalmádena, Spain
Date of event: 06/2008
End date: 06/2008
C. Gutiérrez-Sánchez; Vanesa Calvino Casilda; Elena Pérez Mayoral; Rosa María Martín Aranda; Antonio J. López Peinado; M. Bejlová; J. Čejka.
- 43** **Title of the work:** Influencia del método de inmovilización de aminas y su tamaño en las propiedades de derivados de MCM-41 y SBA-15”
Name of the conference: XXI SICAT (Simposio Iberoamericano de Catálisis)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Benalmádena, Spain
Date of event: 06/2008
End date: 06/2008
D. Blasco-Jiménez; Antonio J. López Peinado; Rosa María Martín Aranda; M. Ziolk; I. Sobczak.



- 44** **Title of the work:** Microwave assisted green synthesis of Long Chain N-Alkylimidazoles and Medium Chain N-Alkyl-2-methylimidazoles with antiviral properties catalyzed by basic carbons”
Name of the conference: International Symposium on Catalysis for Clean Energy and Sustainable Chemistry (CCESC), on occasion of 60th birthday of Prof. J. L. G. Fierro
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 06/2008
End date: 06/2008
Vanesa Calvino Casilda; Rosa María Martín Aranda; Antonio J. López Peinado.
- 45** **Title of the work:** Synthesis of coumarins by Pechmann reaction under ultrasound irradiation over zeolite catalyts”
Name of the conference: Internacional symposium on Catalysis for Clear Energy and Sustainable Chemistry” CCESC
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 06/2008
End date: 06/2008
City organizing entity: Madrid, Spain
C. Gutiérrez-Sánchez; Vanesa Calvino Casilda; Elena Pérez Mayoral; Rosa María Martín Aranda; Antonio J. López Peinado; M. Bejblová; J. Cejka.
- 46** **Title of the work:** Catalytic activity of alkali metal modified NbMCM-41 in the synthesis of 1,4-dihydropyridine intermediates”
Name of the conference: 6th International Symposium on GROUP FIVE ELEMENTS
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 05/2008
End date: 05/2008
City organizing entity: Poznan, Poland
Z. Zienkiewicz; Vanesa Calvino Casilda; I.Sobczak; M.Ziolek; Rosa María Martín Aranda; Antonio J. López Peinado.
- 47** **Title of the work:** Catalytic properties of alkali metal modified silica, alumina, niobia supports for the Knoevenagel condensation. Kinetic aspects”
Name of the conference: 6th International Symposium on GROUP FIVE ELEMENTS
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 05/2008
End date: 05/2008
City organizing entity: Poznan, Poland
D. Blasco-Jiménez; Rosa María Martín Aranda; Antonio J. López Peinado; I. Sobczak; M. Ziolek.
- 48** **Title of the work:** Aldol-type reactions over alkali metal modified mesostructured silicates, SiMCM-41”
Name of the conference: XXXIX Symposium on Catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 11/2007
End date: 11/2007
City organizing entity: Praga, Czech Republic



Vanessa Calvino Casilda; Rosa María Martín Aranda; Antonio J. López Peinado; Z.Zienkiewicz; , I.Sobczak; M. Ziolk.

- 49** **Title of the work:** An alternative route for the Pechmann reaction under microwaves activation”
Name of the conference: XXXIX Symposium on Catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 11/2007
End date: 11/2007
City organizing entity: Praga, Czech Republic
C. Gutiérrez-Sánchez; Vanesa Calvino Casilda; Rosa María Martín Aranda; Antonio J. López Peinado; M. Bejblová; J. Čejka.
- 50** **Title of the work:** Creation of highly effective basic centres in silica and alumina mesoporous molecular sieves”
Name of the conference: The 15th International Zeolite Conference (15th IZC)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
Date of event: 08/2007
End date: 08/2007
City organizing entity: Beijing, China
M. Michalowska; Vanesa Calvino Casilda; Rosa María Martín Aranda; I. Sobczak; M. Ziolk.
- 51** **Title of the work:** Creation of highly effective basic centres in silica and alumina mesoporous molecular sieves”
Name of the conference: The 15th International Zeolite Conference (15th IZC)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
Date of event: 08/2007
End date: 08/2007
City organizing entity: Beijing, China
M. Michalowska; Vanesa Calvino Casilda; Rosa María Martín Aranda; I. Sobczak; M. Ziolk.
- 52** **Title of the work:** Hydrotalcites: solid base supports for Claisen-Schmidt condensation activated by focalized microwaves”
Name of the conference: The EUROPACAT VIII Conference 2007
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 08/2007
End date: 08/2007
City organizing entity: Turku, Finland
E. Perozo-Rondón; Rosa María Martín Aranda; B. Casal; M.A. Martin-Luengo.
- 53** **Title of the work:** Knoevenagel condensation catalyzed by alkali metal modified mesostructured silicates and metalosilicates”
Name of the conference: The EUROPACAT VIII Conference 2007
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 08/2007
End date: 08/2007
City organizing entity: Turku, Finland



Vanesa Calvino Casilda; Z. Zienkiewicz; M. Michalowska; Rosa María Martín Aranda; I.Sobczak; M. Ziolk.

54 Title of the work: Sulfonic Acid Functionalized Activated Carbons For the Preparation of Coumarins Under Microwave Activation”

Name of the conference: The EUROPACAT VIII Conference 2007

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 08/2007

End date: 08/2007

City organizing entity: Turku, Finland

Vanesa Calvino Casilda; S. Ferrera-Escudero; Antonio J. López Peinado; Rosa María Martín Aranda; A.Botet-Jiménez; C.J. Durán-Valle.

55 Title of the work: Zeolite membrane microreactors and their performance”

Name of the conference: The 15th International Zeolite Conference (15th IZC)

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

Date of event: 08/2007

End date: 08/2007

City organizing entity: Beijing, China

W.N. Lau; K.L. Yeung; X.F. Zhang; Rosa María Martín Aranda.

56 Title of the work: Modified sepiolites: solid base supports for fine chemicals reactions activated by focalizad MW”

Name of the conference: Euroclay 07

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 07/2007

End date: 07/2007

City organizing entity: Aveiro, Portugal

E.Perozo-Rondón; Rosa María Martín Aranda; B. Casal; M.A. Martín-Luengo.

57 Title of the work: Porosity of chemically crosslinked poly(N-vinylimidazole)”

Name of the conference: European Polymer Congress 2007

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 07/2007

End date: 07/2007

City organizing entity: Portoroz, Slovenia

E. Vaganova; S. Yitzchaik; Vanesa Calvino Casilda; Rosa María Martín Aranda; Antonio J. López Peinado; I. E. Pacios; I. F. Pierola.

58 Title of the work: Catalysis by alkali modified mesoporous MCM-41. Preparation of calcium-antagonist intermediates”

Name of the conference: II Internacional Congress of Energy and Environment Engineering and Management, IICIEM2007

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 06/2007

End date: 06/2007

City organizing entity: Badajoz, Spain



Z. Zienkiewicz; I. Sobczak; M. Ziolk; Vanesa Calvino Casilda; Rosa María Martín Aranda; A. Macías-García.

- 59** **Title of the work:** Green synthesis of 1,4-dihydropyridines intermediates catalyzed by alkali modified mesoporous NbMCM-41”
Name of the conference: 2nd Czech-Italian Workshop on Catalysis and Zeolites
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Date of event: 06/2007
End date: 06/2007
City organizing entity: Trest, Czech Republic
Vanesa Calvino Casilda; Z.Zienkiewicz; Rosa María Martín Aranda; I. Sobczak; M.Ziolk.
- 60** **Title of the work:** Hydrotalcites: solid base for selective n-alkylation of imidazol derivatives activated by focalized mw. serve as potential precursors in pharmaceutical chemicals reactions”
Name of the conference: 2nd Czech-Italian Workshop on Catalysis and Zeolites
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - poster
Date of event: 06/2007
End date: 06/2007
City organizing entity: Trest, Czech Republic
E. Perozo-Rondón; Rosa María Martín Aranda; R.M. Martín-Aranda; M.A. Martín-Luengo.
- 61** **Title of the work:** Sufonic acid functionalised activated carbons as catalysts in the preparation of coumarins”
Name of the conference: 2nd Czech-Italian Workshop on Catalysis and Zeolites
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - poster
Date of event: 06/2007
End date: 06/2007
City organizing entity: Trest, Czech Republic
Vanesa Calvino Casilda; S. Ferrera-Escudero; Rosa María Martín Aranda; Antonio J. López Peinado; A. Botet-Jiménez; C.J. Durán-Valle.
- 62** **Title of the work:** Knoevenagel Condensation Reactions in Microreactors:
Name of the conference: IZMM2007 .
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - invited/keynote talk
Date of event: 2007
End date: 2007
City organizing entity: Zaragoza, Spain
W. N. Lau; K. L. Yeung; Rosa María Martín Aranda.
- 63** **Title of the work:** Green Chemistry: An efficient preparation of 1,4-dihydropyridine intermediates under solvent free conditions”
Name of the conference: Green Solvents for Processes. DECHEMA
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - poster
Date of event: 10/2006
End date: 10/2006
City organizing entity: Lago Constanza, Germany



M. Michalowska; I. Sobczak; M. Ziolek; Vanesa Calvino Casilda; Antonio J. López Peinado; Rosa María Martín Aranda.

64 Title of the work: Use of focalized microwave irradiation for rapid and green synthesis of trans-chalcone”

Name of the conference: Green Solvents for Processes. DECHEMA

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 10/2006

End date: 10/2006

City organizing entity: Lago Constanza, Germany

E. Perozo-Rondón; M.A. Martín-Luengo; B. Casal; Rosa María Martín Aranda; M. Yates.

65 Title of the work: Fenton’s oxidation of Orange II solutions using heterogeneous catalysts based on saponite clay”

Name of the conference: EAAPO-1

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 09/2006

End date: 09/2006

City organizing entity: Chania, Greece

J. Herney Ramirez; C. A. Costa; L. M. Madeira; G. Mata; M. A. Vicente; M.L. Rojas-Cervantes; Rosa María Martín Aranda.

66 Title of the work: Sonocatalysis and basic carbons: An ecofriendly methodology for the synthesis of chalcones”

Name of the conference: 4th EFCATS School on catalysis

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

Date of event: 09/2006

End date: 09/2006

City organizing entity: St. Petersburg, Russia

Vanesa Calvino Casilda; , M.Picallo-González; Rosa María Martín Aranda; Antonio J. López Peinado.

67 Title of the work: Carbones básicos en reacciones de alquilación de heterociclos nitrogenados: catalizadores o soportes catalíticos?”

Name of the conference: XXXI Reunión Ibérica de Adsorción

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: Tarragona, Spain

Date of event: 09/2006

E. Perozo-Rondon; Rosa M. Martin Aranda; Antonio J. Lopez Peinado; B. Casal; M.A. Martin-Luengo; M. Yates.

68 Title of the work: Carbón ácido: un catalizador verde, eficiente y reutilizable para reacciones de esterificación”

Name of the conference: XXXI Reunión Ibérica de Adsorción

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: Tarragona, Spain

Date of event: 09/2006

A.V. Yuste-Cordoba; C. Duran-Valle; S. Ferrera-Escudero; Rosa M. Martin Aranda; Antonio J. Lopez Peinado.



- 69** **Title of the work:** Sonocatálisis: un eficiente método para la preparación de 1,4-dihidropiridinas usando un nuevo tipo de zeolitas básicas”
Name of the conference: I Reunión del Grupo Español de Zeolitas (GEZ)
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Cordoba, Spain
Date of event: 09/2006
E. Perozo-Rondon; Rosa M. Martin Aranda; B. Casal; W.N. Lau; X.F. Zhang; K.L. Yeung.
- 70** **Title of the work:** Green chemistry: efficient epoxides ring opening with 1-butanol under microwave irradiation”
Name of the conference: VIII Reunión del Grupo Español del Carbón.
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Baeza, Spain
Date of event: 11/2005
J. Garcia-Vidal; C.J. Duran-Valle; Rosa M. Martin Aranda; Antonio J. Lopez Peinado.
- 71** **Title of the work:** Hidrotalcitas y sonocatálisis. Un método limpio para la obtención de chalconas”
Name of the conference: XIX Reunión Científica de la Sociedad Española de Arcillas. SEA'05
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Salamanca, Spain
Date of event: 09/2005
E. Perozo-Rondon; Rosa M. Martin Aranda; B. Casal.
- 72** **Title of the work:** Sonocatalysis in solvent free conditions: an efficient eco-friendly methodology to prepare N-alkyl imidazoles using zeolites”
Name of the conference: 3rd International FEZA Conference on Zeolites
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 08/2005
End date: 08/2005
City organizing entity: Praga, Czech Republic
Vanessa Calvino Casilda; Rosa María Martín Aranda; W.N. Lau; X.F. Zhang; K.L. Yeung.
- 73** **Title of the work:** Zeolite membrane microreactor for fine chemical synthesis”
Name of the conference: 3rd International FEZA Conference on Zeolite
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Date of event: 08/2005
End date: 08/2005
City organizing entity: Praga, Czech Republic
W.N. Lau; X.F. Zhang; K.L. Yeung; Rosa María Martín Aranda.
- 74** **Title of the work:** Activated carbon and carbon xerogel anchored guanidines as catalysts for transesterification reactions”
Name of the conference: 4th International Conference on Environmental Catalysis
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster

Date of event: 07/2005

End date: 07/2005

City organizing entity: Heidelberg, Germany

L. Guerreiro; I. Fonseca; Rosa María Martín Aranda; A.M. Ramos; A.M. Prego; J. Vital.

75 Title of the work: Sonocatálisis y carbones activados. un método limpio” para la obtención de N-alquil imidazoles con actividad antiviral”

Name of the conference: Reunión Española del Grupo Especializado de Catálisis. SECAT´05

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Madrid, Spain

Date of event: 06/2005

M. Madrigal-Martinez; C.J. Duran-Valle; E. Perozo-Rondon; Vanesa Calvino Casilda; Antonio J. Lopez Peinado; Rosa M. Martin Aranda; B. Casal.

76 Title of the work: Alkylolation of imidazole under ultrasound irradiation over alkaline carbons”

Name of the conference: First International Congress on Energy and Environment Engineering and Management. (ICIEM2005)

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 05/2005

End date: 05/2005

City organizing entity: Portalegre, Portugal

L. Costarrosa; Vanesa Calvino Casilda; S. Ferrera-Escudero; C. J. Durán-Valle; Rosa María Martín Aranda.

77 Title of the work: Catalysis by basic carbons. Preparation of dihydropyridines”

Name of the conference: First International Congress on Energy and Environment Engineering and Management. (ICIEM2005)

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 05/2005

End date: 05/2005

City organizing entity: Portalegre, Portugal

E. Perozo-Rondón; Vanesa Calvino Casilda; B. Casal; Rosa María Martín Aranda; M.L. Rojas-Cervantes.

78 Title of the work: Microwave enhanced síntesis of N-propargyl derivatives of imidazole. A green approach for the preparation of fungicidal compounds”

Name of the conference: First International Congress on Energy and Environment Engineering and Management. (ICIEM2005)

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 05/2005

End date: 05/2005

City organizing entity: Portalegre, Portugal

E. Perozo-Rondón; L. Costarrosa; Rosa María Martín Aranda; M.L. Rojas-Cervantes; M.A. Vicente-Rodriguez.

79 Title of the work: Surface and catalytic properties of acid metal-carbons prepared by the sol-gel method”

Name of the conference: First International Congress on Energy and Environment Engineering and Management. (ICIEM2005)

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster



Date of event: 05/2005

End date: 05/2005

City organizing entity: Portalegre, Portugal

) J. Aguado-Serrano; M.L. Rojas-Cervantes; Rosa María Martín Aranda; Antonio J. López Peinado; V. Gómez-Serrano.

80 Title of the work: "Ultrasound accelerated Claisen-Schmidt condensation: a green route to chalcones"

Name of the conference: First International Congress on Energy and Environment Engineering and Management. (ICIEM2005)

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 05/2005

End date: 05/2005

City organizing entity: Portalegre, Portugal

Vanesa Calvino Casilda; M. Picallo; Antonio J. López Peinado; Rosa María Martín Aranda; C.J. Durán-Valle.

81 Title of the work: Catálisis por carbones activados: síntesis de imidazoles N-substituidos vía adición de Michael bajo activación ultrasónica"

Name of the conference: Taller sobre síntesis Química no convencional 2005. Manipulación de materiales por vías no convencionales. En Memoria del Profesor Antonio Jerez

Type of event: Taller

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Date of event: 03/2005

End date: 03/2005

City organizing entity: La Habana, Cuba

J. de D. Casquero-Ruiz; Vanesa Calvino Casilda; Antonio J. López Peinado; Rosa María Martín Aranda.

82 Title of the work: Dimerización ultrasónica de compuestos carbonílicos catalizada por carbones"

Name of the conference: Taller sobre síntesis Química no convencional 2005. Manipulación de materiales por vías no convencionales. En Memoria del Profesor Antonio Jerez

Type of event: Taller

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Date of event: 03/2005

End date: 03/2005

City organizing entity: La Habana, Cuba

J. de D. Casquero-Ruiz; E. Perozo-Rondón; B. Casal-Piga; Rosa María Martín Aranda.

83 Title of the work: Catalysis by basic carbons. Preparation of chalcones by Claisen-Schmidt condensation"

Name of the conference: 6th Green Chemistry Conference

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 11/2004

End date: 11/2004

City organizing entity: Barcelona, Spain

M. Picallo; Antonio J. López Peinado; Rosa María Martín Aranda; I. Fonseca; C.J. Durán-Valle.

84 Title of the work: Efficient ring opening of epoxides with alcohols catalyzed by activated carbons under microwave activation"

Name of the conference: 6th Green Chemistry Conference

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster



Date of event: 11/2004

End date: 11/2004

City organizing entity: Barcelona, Spain

J.A. García-Vidal; C.J. Durán-Valle; Antonio J. López Peinado; Rosa María Martín Aranda.

85 Title of the work: N-propargylation of imidazole under microwave activation using basic clays as catalysts”

Name of the conference: 6th Green Chemistry Conference

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 11/2004

End date: 11/2004

City organizing entity: Barcelona, Spain

E. Perozo-Rondón; Rosa María Martín Aranda; M.L. Rojas-Cervantes; M.A. Vicente-Rodríguez.

86 Title of the work: Preparation of N-alkyl benzimidazoles under alkaline promoted carbons assisted by microwave irradiation”

Name of the conference: 6th Green Chemistry Conference

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 11/2004

End date: 11/2004

City organizing entity: Barcelona, Spain

Vanesa Calvino Casilda; Rosa María Martín Aranda; Antonio J. López Peinado.

87 Title of the work: Preparation of Preparation of N-alkyl benzimidazoles under alkaline promoted carbons assisted by microwave irradiation”

Name of the conference: 2nd SPANISH MEETING ON SUSTAINABLE CHEMISTRY

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Barcelona, Spain

Date of event: 11/2004

Vanesa Calvino Casilda; Rosa M. Martin Aranda; Antonio J. Lopez Peinado.

88 Title of the work: Activación por microondas y carbones activados. un método limpio para la obtención de citrónitrilo”

Name of the conference: XXIX Reunión Ibérica de Adsorción

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 09/2004

End date: 09/2004

City organizing entity: Oporto, Portugal

Almudena B. Botet-Jiménez; J. Guillermo Cobos-Rodríguez; Carlos J. Durán-Valle; Rosa María Martín Aranda; Antonio J. López Peinado.

89 Title of the work: Catálisis por carbones activados. reacciones de apertura de epóxidos activada por microondas”

Name of the conference: XXIX Reunión Ibérica de Adsorción

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 09/2004

End date: 09/2004



City organizing entity: Oporto, Portugal

J.A. García-Vidal; C. Durán-Valle; Rosa María Martín Aranda; Antonio J. López Peinado.

90 Title of the work: Removal of the non-biodegradable dye orange II by H₂O₂ oxidation assisted by a Fe(II) saponite supported catalyst

Name of the conference: 2nd Mid-European Clay Conference

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 09/2004

End date: 09/2004

City organizing entity: Miskolc, Hungary

J.H. Ramirez; L.M. Madeira; C.A. Costa; C. Belver; M.A. Vicente; Rosa María Martín Aranda; M.L. Rojas.

91 Title of the work: Sonocatálisis y Carbones activados. Dimerización de compuestos carbonílicos

Name of the conference: XXIX Reunión Ibérica de Adsorción

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 09/2004

End date: 09/2004

City organizing entity: Oporto, Portugal

E. Perozo-Rondón; Vanesa Calvino Casilda; Rosa María Martín Aranda; Antonio J. López Peinado; B. Casal-Piga.

92 Title of the work: Sonocatálisis y bases sólidas. Preparación de imidazoles y bencimidazoles N-sustituidos via adición de Michael

Name of the conference: XXIX Reunión Ibérica de Adsorción

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Date of event: 09/2004

End date: 09/2004

City organizing entity: Oporto, Portugal

E. Perozo-Rondón; Rosa María Martín Aranda; M.L. Rojas-Cervantes; M.A. Vicente-Rodríguez; M.A. Bañares-Muñoz.

93 Title of the work: Activación ultrasónica y carbones activos. Preparación de chalconas

Name of the conference: XIX Iberoamericano de Catálisis (XIX SICAT 04)

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Merida, Mexico

Date of event: 09/2004

C.J. Duran-Valle; I. Fonseca; Vanesa Calvino Casilda; M. Picallo; Antonio J. Lopez Peinado; Rosa M. Martin Aranda.

94 Title of the work: Zeolite catalyst and membrane in microreactor systems

Name of the conference: 8th ICIM

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Cincinnati, United States of America

Date of event: 08/2004

S.M. Lai; S.Y.S. Wan; J.L.H. Chau; K.L. Yeung; A. Gavrilidis; Rosa M. Martin Aranda.



- 95** **Title of the work:** Clean-catalyzed solventless síntesis of N-propargyl imidazoles by microwave-assisted basic clays”
Name of the conference: 13th International Congress on Catalysis
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Paris, France
Date of event: 07/2004
Rosa M. Martin Aranda; M.L. Rojas-Cervantes; M.A. Bañares-Muñoz; M.A. Vicente-Rodriguez.
- 96** **Title of the work:** Microfabricated membrane reactors for fine chemical synthesis”
Name of the conference: 6th International Conference on catalysis in membrane reactors (ICCMR)
Geographical area: European Union
Type of participation: Participatory - oral communication
City of event: Lahnstein, Germany
Date of event: 07/2004
W,N, Lau; X. Zhang; K.L. Yeung; Rosa M. Martin Aranda.
- 97** **Title of the work:** Micromembrane reactors for Knoevenagel reactions”
Name of the conference: 13th International Congress on Catalysis
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Paris, France
Date of event: 07/2004
K.L. Yeung; Rosa M. Martin Aranda.
- 98** **Title of the work:** Preparation and catalytic testing of sulfonic acid functionalized activated carbons”
Name of the conference: 21st International Symposium on the Organic Chemistry of Sulfur (ISOCS XXI)
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 07/2004
L. Guerreiro; I. Fonseca; Rosa M. Martin Aranda; A.M. Ramos; A.M. Botelho do Rego; J. Vital.
- 99** **Title of the work:** Sulfonic acid functionalized activated carbon for the preparation of esters under microwave activation”
Name of the conference: 21st International Symposium on the Organic Chemistry of Sulfur (ISOCS XXI)
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 07/2004
C.J. Duran-Valle; Vanesa Calvino Casilda; S. Ferrera-Escudero; Rosa M. Martin Aranda.
- 100** **Title of the work:** Activated carbon and carbon xerogel anchored guanidines as catalysts for transesterification reactions”
Name of the conference: 4th International Conference on Environmental Catalysis
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Heidelberg, Germany
Date of event: 06/2004
L. Guerreiro; I. Fonseca; Rosa M. Martin Aranda; A.M. Ramos; A.M. Rego; J. Vital.



- 101 Title of the work:** Improved synthesis of N-Alkyl imidazoles under ultrasound irradiation”
Name of the conference: 9th Meeting of the European Society of Sonochemistry
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Badajoz, Spain
Date of event: 04/2004
C.J. Duran-Valle; I. Fonseca; J.M. Lopez-Pestaña; M.J. Avila-Rey; T. de Lis; Rosa M. Martin Aranda.
- 102 Title of the work:** Sonochemical reactions involving activated carbons: alkylation of malonic esters”
Name of the conference: 9th Meeting of the European Society of Sonochemistry
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Badajoz, Spain
Date of event: 04/2004
C.J. Duran-Valle; J.A. Vidal-Garcia; Vanesa Calvino Casilda; S. Ferrera-Escudero; Antonio J. Lopez Peinado; Rosa M. Martin Aranda.
- 103 Title of the work:** The effect of ultrasound on the catalytic activity of alkaline carbons: preparation of N-alkyl imidazoles”
Name of the conference: First International Congress on Applied Physics. Aphys 2003
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Badajoz, Spain
Date of event: 10/2003
C.J. Duran-Valle; S. Ferrera-Escudero; Vanesa Calvino Casilda; J. Diaz-Teran; Rosa M. Martin Aranda.
- 104 Title of the work:** Treatment of a semianthracite char with molten salts at 743-1173K. Influence on textural properties”
Name of the conference: First International Congress on Applied Physics. Aphys 2003
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Badajoz, Spain
Date of event: 10/2003
M. Alfaro-Dominguez; F.J. Higes; V. Gomez-Serrano; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; Antonio J. Lopez Peinado.
- 105 Title of the work:** Treatment of a semianthracite char with molten salts at 743-1173K. Influence on the gasification in air”
Name of the conference: First International Congress on Applied Physics. Aphys 2003
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Badajoz, Spain
Date of event: 10/2003
M. Alfaro-Dominguez; F.J. Higes; V. Gomez-Serrano; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; Antonio J. Lopez Peinado.
- 106 Title of the work:** Catalysis by basic carbon: preparation of calcium antagonist intermediates”
Name of the conference: Carbon 2003
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Oviedo, Spain



Date of event: 07/2003

C.J. Duran-Valle; S. Ferrera-Escudero; Vanesa Calvino Casilda; Antonio J. Lopez Peinado; Rosa M. Martin Aranda.

- 107** **Title of the work:** "Ultrasound-promoted N-propargylation of imidazole by alkaline-doped carbons"
Name of the conference: Carbon 2003
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Oviedo, Spain
Date of event: 07/2003
Vanesa Calvino Casilda; Antonio J. Lopez Peinado; Rosa M. Martin Aranda; S. Ferrera-Escudero; C.J. Duran-Valle.
- 108** **Title of the work:** Sonocatálisis y bases sólidas. Preparación de imidazoles N-sustituídos vía adición de Michael"
Name of the conference: Reunión de la sociedad Española de Catálisis. SECAT 03
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Malaga, Spain
Date of event: 06/2003
Vanesa Calvino Casilda; J. Diaz-Teran; Antonio J. Lopez Peinado; Rosa M. Martin Aranda; S. Ferrera-Escudero; C.J. Duran-Valle.
- 109** **Title of the work:** Tratamiento de una semiantracita carbonizada con sales fundidas en el intervalo de temperatura 743-1173 K. Influencia sobre la composición química, propiedades texturales y reactividad en aire"
Name of the conference: Madrid Materiales. VII Congreso Nacional de Materiales
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 10/2002
M. Alfaro; F.J. Higes; V. Gomez-Serrano; Rosa M. Martin Aranda; M.L. Rojas; Antonio J. Lopez Peinado.
- 110** **Title of the work:** Carbones activados y química fina: condensación de imidazol con ésteres malónicos"
Name of the conference: QIES 2002
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Cordoba, Spain
Date of event: 09/2002
Vanesa Calvino Casilda; Antonio J. Lopez Peinado; Rosa M. Martin Aranda.
- 111** **Title of the work:** Preparación, caracterización y actividad catalítica de carbones alcalinos: alquilación de heterociclos nitrogenados activada por microondas"
Name of the conference: XXVII Reunión Ibérica de Adsorción
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Leon, Spain
Date of event: 09/2002
Vanesa Calvino Casilda; Antonio J. Lopez Peinado; Rosa M. Martin Aranda.



- 112 Title of the work:** On the fabrication and testing of a multi-channel Membrane Microreactor”
Name of the conference: 5th International Conference on Catálisis in Membrane Reactors (ICCMR-5)
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Dalian, China
Date of event: 06/2002
S.M. Lai; Y.S. Wan; K.L. Yeung; A. Gavriilidis; Rosa M. Martin Aranda.
- 113 Title of the work:** On the performance of Membrane-assisted Base-catalyzed Knoevenagel condensation reaction”
Name of the conference: 5th International Conference on Catálisis in Membrane Reactors (ICCMR-5)
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Dalian, China
Date of event: 06/2002
S.M. Lai; C.P. Ng; E. Brois; K.L. Yeung; A. Gavriilidis; Rosa M. Martin Aranda.
- 114 Title of the work:** Carbones ácidos y química fina: reacciones de esterificación”
Name of the conference: VI Reunión del Grupo Español del Carbón
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Caceres, Spain
Date of event: 10/2001
S. Ferrera-Escudero; C.J. Duran-Valle; Rosa M. Martin Aranda.
- 115 Title of the work:** Estudio de la microporosidad estrecha de carbones activados preparados mediante activación con aire a partir de huesos de cereza”
Name of the conference: VI Reunión del Grupo Español del Carbón
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Caceres, Spain
Date of event: 10/2001
J. Pastor-Villegas; M. Gomez-Corzo; C.J. Duran-Valle; Rosa M. Martin Aranda; M.L. Rojas-Cervantes.
- 116 Title of the work:** Química Fina y Ultrasonidos: alquilación de imidazol catalizada por carbones activados”
Name of the conference: VI Reunión del Grupo Español del Carbón
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Caceres, Spain
Date of event: 10/2001
J.M. Lopez-Pestaña; Rosa M. Martin Aranda; M.J. Avila-Rey.
- 117 Title of the work:** Treatment of a semianthracite char with molten salts at various temperatures. Influence on demineralisation and gasification processes”
Name of the conference: 1st World Conference on Carbon. EUROCARBON 2000
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Berlin, Germany
Date of event: 07/2000
V. Gomez-Serrano; M. Alfaro-Dominguez; F.J. Higes; Rosa M. Martin Aranda; M.L. Rojas-Cervantes; Antonio J. Lopez Peinado.



- 118** **Title of the work:** Efecto modificante del aire sobre la estructura porosa de un carbonizado y carbones activados preparados a partir de huesos de cereza”
Name of the conference: V Reunión del Grupo Español del Carbón
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Oviedo, Spain
Date of event: 11/1999
J. Pastor-Villegas; M. Gomez-Corzo; V. Gomez-Serrano; C.J. Duran-Valle; M.L. Rojas-Cervantes; Rosa M. Martin Aranda.
- 119** **Title of the work:** Synthetic hydrotalcites as heterogeneous catalysts in the preparation of α,β -unsaturated ketones”
Name of the conference: EUCHEM CONFERENCE on Chemical reactivity in nanoporous materials
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Miraflores de la Sierra, Madrid, Spain
Date of event: 09/1999
Rosa M. Martin Aranda; U. Constantino; M. Nocchetti; S. Murcia-Mascaros.
- 120** **Title of the work:** Carbones alcalinos como catalizadores: alquilación de imidazol activada por microondas”
Name of the conference: XXIII Reunión Ibérica de Adsorción
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Evora, Portugal
Date of event: 09/1998
J. Rubio; Rosa M. Martin Aranda; J.D. Lopez-Gonzalez.
- 121** **Title of the work:** Reacción de condensación de Knoevenagel utilizando carbones activos de distinta naturaleza”
Name of the conference: XXIII Reunión Ibérica de Adsorción
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Evora, Portugal
Date of event: 09/1998
J. Rubio; D. Martin-Nevskaia; Rosa M. Martin Aranda; J.D. Lopez-Gonzalez.
- 122** **Title of the work:** Fine chemistry using carbon catalyzed reactions: condensation between cyclohexanone and malonitrile”
Name of the conference: Eurocarbon 98
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Strasburg, France
Date of event: 07/1998
J. Rubio; D. Martin-Nevskaia; Rosa M. Martin Aranda; A. Jerez; J.D. Lopez-Gonzalez.
- 123** **Title of the work:** Interaction of molten salts with a semi-anthracite thar at 1173K. Influence of structural properties on the reactivity in air”
Name of the conference: Eurocarbon 98
Geographical area: European Union
Type of participation: 'Participatory - poster



City of event: Strasburg, France

Date of event: 07/1998

V. Gomez-Serrano; M. Alfaro-Dominguez; F.J. Higes; Rosa M. Martin Aranda; M.L. Rojas-Cervantes; Antonio J. Lopez Peinado.

124 Title of the work: Interaction of molten salts with a semi-anthracite char at 873 K. Influence on textural properties and on the gasification on air”

Name of the conference: First virtual Congress about Pharmacy (IVCP)

Geographical area: CONGRESO VIRTUAL, 5 PÁGINAS

Type of participation: 'Participatory - poster

Date of event: 01/1998

V. Gomez-Serrano; M. Alfaro-Dominguez; F.J. Higes; Rosa M. Martin Aranda; M.L. Rojas-Cervantes; Antonio J. Lopez Peinado.

125 Title of the work: Ultrasound reactions involving activated carbons as catalysts: synthesis of α,β -unsaturated nitriles”

Name of the conference: IV Reunión del Grupo Español del Carbón

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: Praga, Czech Republic

Date of event: 11/1997

J. Rubio; Rosa M. Martin Aranda; M.L. Rojas-Cervantes; Antonio J. Lopez Peinado; J.D. Lopez-Gonzalez.

126 Title of the work: Estructura no microporosa de carbonizados y carbones activados preparados a partir de huesos de cereza”

Name of the conference: IV Reunión del Grupo Español del Carbón

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Malaga, Spain

Date of event: 10/1997

J. Pastor-Villegas; V. Gomez-Serrano; M. Gomez-Corzo; C.J. Duran-Valle; Rosa M. Martin Aranda; M.L. Rojas-Cervantes.

127 Title of the work: Interacción de sales fundidas con un carbonizado de semi-antracita a 873K. Influencia sobre las propiedades texturales y sobre la gasificación en aire”

Name of the conference: IV Reunión del Grupo Español del Carbón

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Malaga, Spain

Date of event: 10/1997

V. Gomez-Serrano; M. Alfaro-Dominguez; F.J. Higes; Rosa M. Martin Aranda; M.L. Rojas-Cervantes; Antonio J. Lopez Peinado.

128 Title of the work: "Interaction of molten salts with a semi-anthracite char at 743 K. A Study by X-Ray Diffraction and FT-IR Spectroscopy”

Name of the conference: 9th International Conference on Coal Science, ICCS'97

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: Essen, Germany

Date of event: 09/1997

V. Gomez-Serrano; M. Alfaro-Dominguez; F.J. Higes; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; Antonio J. Lopez Peinado.



- 129 Title of the work:** "Interaction of molten salts with a semi-anthracite char at 743 K. Influence on the gasification in air"
Name of the conference: 9th International Conference on Coal Science, ICCS'97
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Essen, Germany
Date of event: 09/1997
V. Gomez-Serrano; M. Alfaro-Dominguez; F.J. Higes; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; Antonio J. Lopez Peinado.
- 130 Title of the work:** Pitch-based activated carbon fibers containing K₂CO₃ as catalyst: autocondensation of cyclohexanone"
Name of the conference: 23rd Biennial Conference on Carbon, American Carbon Society
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: State College, PA, United States of America
Date of event: 07/1997
J. Przepiórski; A. Oya; Y. Abe; Antonio J. Lopez Peinado; Rosa M. Martin Aranda; Y. Yamada.
- 131 Title of the work:** Carbon molecular sieve films as catalysts for fine chemical production: an efficient synthesis of α , β -unsaturated nitriles"
Name of the conference: 23rd Biennial Conference on Carbon, American Carbon Society
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: State College, PA, United States of America
Date of event: 07/1997
J.M. Lopez-Pestaña; H. Hatori; S. Sihishiki; Rosa M. Martin Aranda; Antonio J. Lopez Peinado; Y. Yamada.
- 132 Title of the work:** Norit activated carbon as acid catalyst for the ring opening of epoxides"
Name of the conference: 23rd Biennial Conference on Carbon, American Carbon Society
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: State College, PA, United States of America
Date of event: 07/1997
Rosa M. Martin Aranda; D. Martin-Nevskaia; Antonio J. Lopez Peinado; J.D. Lopez-Gonzalez.
- 133 Title of the work:** Norit carbon as catalysts: esterification of benzoic acid with alcohols"
Name of the conference: 23rd Biennial Conference on Carbon, American Carbon Society
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: State College, PA, United States of America
Date of event: 07/1997
D. Martin-Nevskaia; Rosa M. Martin Aranda; J.D. Casquero; J.D. Lopez-Gonzalez.
- 134 Title of the work:** Acid activated carbon for the acetalization of carbonylic compounds"
Name of the conference: 23rd Biennial Conference on Carbon, American Carbon Society
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: State College, PA, United States of America
Date of event: 07/1997



Rosa M. Martin Aranda; D. Martin.Nevskaia; A. Jerez; J.D. Lopez-Gonzalez.

- 135** **Title of the work:** Alkaline carbons as base catalysts: convenient route to α , β -unsaturated ketones”
Name of the conference: 23rd Biennial Conference on Carbon, American Carbon Society
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: State College, PA, United States of America
Date of event: 07/1997
J. Rubio; Rosa M. Martin Aranda; A. Jerez; J.D. Casquero; J.D. Lopez-Gonzalez.
- 136** **Title of the work:** "Application of basic clays in microwave activated Knoevenagel condensation: preparation of α , β -unsaturated esters”
Name of the conference: 11th International Clay Conference
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Ottawa, Canada
Date of event: 06/1997
Rosa M. Martin Aranda; J.M. Lopez-Pestaña; J. Rubio; Antonio J. Lopez Peinado; J.D. Casquero; A. Jerez; J.D. Lopez-Gonzalez.
- 137** **Title of the work:** Aplicación de arcillas básicas en la condensación de Michael activada por microondas: síntesis de heterociclos nitrogenados”
Name of the conference: XV Simposio Iberoamericano de Catálisis
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Cordoba, Argentina
Date of event: 09/1996
Rosa M. Martin Aranda; M.L. Rojas.Cervantes; M.A. Vicente-Rodriguez; Antonio J. Lopez Peinado; J.D. Lopez-Gonzalez; M.A. Bañares-Muñoz.
- 138** **Title of the work:** Aplicación de carbones básicos en la monoalquilación de hidantoínas con halogenuros de alquilo”
Name of the conference: XV Simposio Iberoamericano de Catálisis
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Cordoba, Argentina
Date of event: 09/1996
Rosa M. Martin Aranda; M.L. Rojas.Cervantes; O.A. Orio; Antonio J. Lopez Peinado; A. Jerez.
- 139** **Title of the work:** Estudo cinetico da oxidação desidrogenante do n-butane sobre NiMoO4 dopado com césio”
Name of the conference: XV Simposio Iberoamericano de Catálisis
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Cordoba, Argentina
Date of event: 09/1996
L.M. Madeira; F.J. Maldonado-Hodar; Rosa M. Martin Aranda; M. Portela.
- 140** **Title of the work:** Medidas de la dimensión fractal de varios sólidos”
Name of the conference: XXI Reunión Ibérica de Adsorción
Geographical area: European Union



Type of participation: 'Participatory - poster

City of event: Granada, Spain

Date of event: 09/1996

D. Martin-Nevskaia; Rosa M. Martin Aranda; Antonio J. Lopez Peinado; J.D. Casquero; A. Jerez; J.D. Lopez-Gonzalez.

141 Title of the work: Reduction of octahedral Fe(III) in a saponite. Influence of the pillaring ability of the clay”

Name of the conference: 4th International Symposium on the characterization of porous materials. COPS-IV

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: Bath, United Kingdom

Date of event: 09/1996

M.A. Vicente-Rodriguez; M.A. Bañares-Muñoz; M. Suarez; J.M. Pozas; Rosa M. Martin Aranda; M.L. Rojas.Cervantes.

142 Title of the work: Carbon molecular sieve films for fine chemical production: alkylation of phenol with benzyl bromide”

Name of the conference: European Carbon Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: New Castle, United Kingdom

Date of event: 07/1996

H. Hatori; Y. Yamada; S. Hishiki; Rosa M. Martin Aranda; M.L. Rojas-Cervantes; J.M. Lopez-Pestaña; Antonio J. Lopez Peinado; J.D. Lopez-Gonzalez; A. Jerez.

143 Title of the work: Characterization of basic sites of carbon molecular sieve films from polyimide: monoalkylation reactions of ethyl cyanoacetate with benzyl bromide”

Name of the conference: European Carbon Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: New Castle, United Kingdom

Date of event: 07/1996

Rosa M. Martin Aranda; M.L. Rojas-Cervantes; J.M. Lopez-Pestaña; Antonio J. Lopez Peinado; A. Jerez; J.D. Lopez-Gonzalez; H. Hatori; Y. Yamada; S. Hishiki.

144 Title of the work: Characterization of chars prepared from cherry stones”

Name of the conference: European Carbon Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: New Castle, United Kingdom

Date of event: 07/1996

M. Gomez-Corzo; Rosa M. Martin Aranda; C.J. Duran-Valle; J. Pastor-Villegas; V. Gomez-Serrano.

145 Title of the work: Alkaline carbons as base catalysts: rate enhancements using ultrasound”

Name of the conference: European Carbon Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: New Castle, United Kingdom

Date of event: 07/1996

Rosa M. Martin Aranda; M.L. Rojas-Cervantes; J.M. Lopez-Pestaña; Antonio J. Lopez Peinado; A. Jerez; J.D. Lopez-Gonzalez.



- 146** **Title of the work:** Chemical, structural and catalytic behaviours of midified NiMoO₄ catalysis for n-butane oxydative dehydrogenation”
Name of the conference: 11th International Congress on Catalysis
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Baltimore, United States of America
Date of event: 07/1996
L.M. Madeira; F.J. Maldonado-Hodar; Rosa M. Martin Aranda; F. Freire; M. Portela.
- 147** **Title of the work:** Intercalación de sales fundidas con componentes minerales carbonizados de antracita a 600°C”
Name of the conference: III Reunión del Grupo Español del Carbón
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 11/1995
M. Alfaro-Dominguez; Rosa M. Martin Aranda; M.L. Rojas-Cervantes; F.J. Higes; Antonio J. Lopez Peinado; V. Gomez-Serrano.
- 148** **Title of the work:** Oxidative dehydrogenation of n-butane on nickel molybdate catalysts doped with alkaline and alkeline-earth metals”
Name of the conference: Europacat 95
Geographical area: European Union
Type of participation: Participatory - oral communication
City of event: Maastricht, Holland
Date of event: 09/1995
Rosa M. Martin Aranda; M. Madeira; M. Portela; F. Freire.
- 149** **Title of the work:** TG-MS Study of several graphite oxides in helium and hydrogen”
Name of the conference: 22nd Biennial Conference on Carbon, American Carbon Society
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: San Diego, United States of America
Date of event: 07/1995
C. Hontoria-Lucas; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; F. Carrasco-Marin; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado.
- 150** **Title of the work:** Thermal behaviour and textural characterization of a pillared sepiolite”
Name of the conference: 3rd Greek, Italian, Portuguese, Spanish meeting in Inorganic Chemistry (3rd GIPS)
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Senigallia, Italy
Date of event: 06/1995
J. Alonso; Y. Laureiro; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; J.D. Casquero; Antonio J. Lopez Peinado; A. Jerez.
- 151** **Title of the work:** Estudo cinético da oxidação deshidrogenante do n-butane sobre NiMoO₄ dopado com cesio”
Name of the conference: 3º Encontro Nacional de Catálise Básica e Aplicada (Industrial e Ambiental)
Geographical area: National



Type of participation: 'Participatory - poster

City of event: Lisboa, Portugal

Date of event: 05/1995

F.J. Maldonado-Hodar; L.M. Madeira; M.F. Portela; Rosa M. Martin Aranda.

152 Title of the work: Kinetic study of decomposition of graphite oxides under different atmospheres"

Name of the conference: 26th International Conference on Vacuum microbalance technique

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Marrakesh, Morocco

Date of event: 04/1995

C. Hontoria-Lucas; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado; J.D. Casquero; A. Jerez.

153 Title of the work: "Control of porosity and surface area in TiO₂-Al₂O₃ mixed oxides supports by means of ammonium carbonate"

Name of the conference: Sixth International Symposium Scientific Bases for the preparation of catalysts

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: Louvain La Nouve, Belgium

Date of event: 09/1994

T. Klimova; Y. Huerta; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado.

154 Title of the work: "Chemical structure of graphitic oxides with different oxidation degree: determination by FTIR, XPS and solid ¹³C-NMR"

Name of the conference: International Conference of Carbon, Carbon '94

Geographical area: European Union

Type of participation: 'Participatory - poster

City of event: Granada, Spain

Date of event: 07/1994

C. Hontoria-Lucas; M.L. Rojas-Cervantes; Rosa M. Martin Aranda; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado.

155 Title of the work: Application of solid base catalysts in Knoevenagel reactions

Name of the conference: 3rd International Workshop on Heterogeneous Catalysis

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Cancun, Mexico

Date of event: 09/1993

A. Corma; Rosa M. Martin Aranda.

156 Title of the work: Selective N-propargylation of imidazole under microwave irradiation using MgO as catalyst"

Name of the conference: 3rd International Workshop on Heterogeneous Catalysis

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Cancun, Mexico

Date of event: 09/1993

Rosa M. Martin Aranda; M.L. Rojas-Cervantes; Antonio J. Lopez Peinado; J.D. Lopez-Gonzalez.



- 157** **Title of the work:** ZrO₂ obtained by sol-gel method. Influence of the synthesis parameters on its physical and structural characteristics"
Name of the conference: 3rd International Workshop on Heterogeneous Catalysis
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Cancun, Mexico
Date of event: 09/1993
M.L. Rojas-Cervantes; Rosa M. Martin Aranda; Antonio J. Lopez Peinado; J.D. Lopez-Gonzalez.
- 158** **Title of the work:** "Anionic polymerization processes by application of new basic solid catalysts"
Name of the conference: Europacat 93
Geographical area: European Union
Type of participation: 'Participatory - poster
City of event: Montpellier, France
Date of event: 09/1993
A. Corma; Rosa M. Martin Aranda.
- 159** **Title of the work:** "Caracterización de los centros básicos de óxidos grafiticos"
Name of the conference: XVIII Reunión Ibérica de Adsorción
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 09/1993
C. Hontoria-Lucas; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado; M.L. Rojas-Cervantes; Rosa M. Martin Aranda.
- 160** **Title of the work:** "Caracterización y aplicación de un carbón activo en la síntesis de precursores de 1,4-dihidropiridinas"
Name of the conference: XVIII Reunión Ibérica de Adsorción
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 09/1993
Rosa M. Martin Aranda; M.L. Rojas-Cervantes; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado.
- 161** **Title of the work:** "Estudio mediante XPS y análisis térmicos de óxidos grafiticos con distintos grados de oxidación"
Name of the conference: XVIII Reunión Ibérica de Adsorción
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal
Date of event: 09/1993
C. Hontoria-Lucas; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado; M.L. Rojas-Cervantes; Rosa M. Martin Aranda.
- 162** **Title of the work:** "Influencia de los parámetros de síntesis por el método sol-gel en las características físicas y texturales del ZrO₂"
Name of the conference: XVIII Reunión Ibérica de Adsorción
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Lisboa, Portugal



Date of event: 09/1993

M.L. Rojas-Cervantes; Rosa M. Martin Aranda; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado.

163 Title of the work: "Alkaline carbons as base catalysts: alkylation of N-heterocycles"

Name of the conference: 21 st Biennial Conference on Carbon.

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Buffalo, United States of America

Date of event: 06/1993

Rosa M. Martin Aranda; M.L. Rojas-Cervantes; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado.

164 Title of the work: "Determination of base properties of alkaline carbons: condensation of benzaldehyde with active methylenic compounds"

Name of the conference: 21 st Biennial Conference on Carbon.

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Buffalo, United States of America

Date of event: 06/1993

M.L. Rojas-Cervantes; Rosa M. Martin Aranda; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado.

165 Title of the work: "Carbon as base catalysts: condensation of benzaldehyde with active methylenic compounds as reaction test for their characterization"

Name of the conference: Spring Symposium of Chicago Catalysis Club.

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Buffalo, United States of America

Date of event: 04/1993

Rosa M. Martin Aranda; M.L. Rojas-Cervantes; J.D. Lopez-Gonzalez; Antonio J. Lopez Peinado.

166 Title of the work: "Beta zeolite as base catalyst"

Name of the conference: 9th International Congress on Zeolite Catalysis*

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Canada

Date of event: 1992

A. Corma; R.M. Martín Aranda; M.A. Cambor; J. Perez Pariente.

167 Title of the work: "Catálisis básica con hidrotalcitas: síntesis, caracterización y actividad catalítica"

Name of the conference: XXIII Reunión Bienal de Química la R.S.E.Q.

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Salamanca, Spain

Date of event: 09/1990

A. Corma; Rosa M. Martin Aranda; F. Rey; V. Fornes.

168 Title of the work: "Utilización de zeolitas como catalizadores básicos: condensación de benzaldehído con derivados de esteres malónicos"

Name of the conference: XXIII Reunión Bienal de Química la R.S.E.Q.

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Salamanca, Spain



Date of event: 09/1990
A. Corma; Rosa M. Martin Aranda.

- 169 Title of the work:** "Catálisis básica con zeolitas: condensación de aldehídos con derivados de esteres malónicos"
Name of the conference: 12th Iberoamerican Symposium on Catalysis
Geographical area: Non EU International
Type of participation: 'Participatory - poster
City of event: Rio de Janeiro, Brazil
Date of event: 1990
A. Corma; R.M. Martín-Aranda. 08/1990.
- 170 Title of the work:** "Zeolites as base catalysts. Preparation of calcium antagonists intermediates by condensation of benzaldehyde with ethyl acetoacetate"
Name of the conference: 2nd International Symposium on Heterogeneous Catalysis and Fine Chemicals
Geographical area: European Union
Type of participation: 'Participatory - poster
Date of event: 1990
City organizing entity: Poitiers, France
A. Corma; R.M. Martín-Aranda; F. Sánchez. 10/1990.
- 171 Title of the work:** "Comportamiento frente a electrófilos de los aniones generados a partir de 5-etiltio- y 5-etilsulfonil-2(5H)-furanonas"
Name of the conference: XXII Reunión Bienal de Química de la R.S.E.Q.
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Murcia, Spain
Date of event: 09/1988
F. Fariña; M.V. Martin; Rosa M. Martin Aranda.
- 172 Title of the work:** "Síntesis de 5-etiltio-, 5-etilsulfonil- y 5-etilsulfonil-2(5H)-furanonas"
Name of the conference: XXII Reunión Bienal de Química de la R.S.E.Q.
Geographical area: National
Type of participation: 'Participatory - poster
City of event: Murcia, Spain
Date of event: 09/1988
F. Fariña; M.V. Martin; Rosa M. Martin Aranda.
- 173 Title of the work:** BIFUNCTIONAL MESOPOROUS CELLULAR FOAMS (MCF) PROMOTING THE SYNTHESIS OF QUINOLINES VIA FRIEDLÄNDER REACTION
Name of the conference: School of Molecular Sieves, Catalysis
City of event: Praga, Czech Republic
Organising entity: Academia de ciencias checa
City organizing entity: Praga,
1; Agata Smuszkiewicz; Marina Godino Ojer; Elena Perez Mayoral; Elena Soriano Santamaria; Isabela Sobzack; Maria Ziolk; Antonio Jose López Peinado; Rosa M Martín Aranda.



Other dissemination activities

- 1** **Title of the work:** La Química Verde es Divertida
Name of the event: la química verde es Divertida
Type of event: Conferences given
City of event: Madrid, Spain
Date of event: 2012
Organising entity: Colegio Virgen de Mirasierra
- 2** **Title of the work:** Cuidadores del Planeta Tierra
Name of the event: charla
Type of event: Conferences given
City of event: Madrid, 2011, Spain
Date of event: 2011
Organising entity: Colegio Virgen de Mirasierra
City organizing entity: Madrid, Spain
- 3** **Title of the work:** Ecomateriales: una producción medioambientalmente benigna
Name of the event: Ecomateriales
Type of event: Fairs and exhibitions
City of event: Spain
Date of event: 2011
Organising entity: Interempresas **Type of entity:** R&D Centre
Eduardo Ruiz Hitzky; M Angeles Martín Luengo; Malcon Yates; Jose Luis salgado; Rosa M Martín Aranda; E saez Rojo; D Huerta.
- 4** **Title of the work:** Cursos de Verano en Centros Penitenciarios
Name of the event: Delitos mediambientales
City of event: Vilareal-castellón, 2010, Spain
Date of event: 2010
Organising entity: UNED-Ministerio del Interior
- 5** **Title of the work:** Cursos de Verano en Centros Penitenciarios
Name of the event: La Nanotecnología
City of event: Cáceres, 2010, Spain
Date of event: 2010
Organising entity: UNED-Ministerio del Interior
- 6** **Title of the work:** Cursos de Verano en Centros Penitenciarios
Name of the event: Delitos mediambientales
Type of event: Conferences given
City of event: Palencia, 2009, Spain
Date of event: 2009
Organising entity: Universidad Nacional de Educación a Distancia
- 7** **Title of the work:** Experimentos sencillos para niños
Type of event: Fairs and exhibitions
City of event: Mahón, Spain
Date of event: 2009



Organising entity: Uned- Manorca

8 Title of the work: Experimentos sencillos para niños

Type of event: Fairs and exhibitions

City of event: Melilla, Spain

Date of event: 2009

Organising entity: UNED-Melilla

9 Title of the work: Química Verde y Sostenibilidad

Type of event: Conferences given

City of event: Merida, 2009, Spain

Date of event: 2009

Organising entity: Uned-Merida

City organizing entity: Mérida,

10 Title of the work: Cursos de Verano en Centros Penitenciarios

Name of the event: Nanotecnología y nuevos materiales

City of event: Alcalá- Militar, , Spain

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

1 Committee title: Miembro externo de la Comisión de Concursos de Contratación del Departamento de Química Inorgánica de la UAM.

Affiliation entity: Universidad Autónoma de Madrid **Type of entity:** University

City affiliation entity: Madrid, Community of Madrid, Spain

Start-End date: 10/2009 - 10/2014

2 Committee title: Asesor Científico de la empresa SAILAB

City affiliation entity: Madrid, Spain

Start-End date: 10/2007 - 10/2011

Organization of R&D activities

1 Title of the activity: 6th Czech-Italian-Spanish Conference on Molecular Sieves and Catalysis”

Type of activity: International Congress

Geographical area: European Union

Convening entity: UNED-Universidad de Mesina (Italia)

City convening entity: Amantea, Italy

Start-End date: 14/06/2015 - 17/06/2015

Duration: 3 days

2 Title of the activity: 8th Symposium on Five Group elements

Type of activity: comité organizador

Geographical area: Non EU International

Convening entity: UMA-UNED

City convening entity: Málaga, Spain

Start-End date: 24/06/2014 - 27/06/2014

Duration: 4 days



- 3** **Title of the activity:** 5th Czech-Italian-Spanish Conference on Molecular Sieves and Catalysis”
Type of activity: • Presidente del Comité Organizador **Geographical area:** Non EU International
Convening entity: UNED-CSIC
City convening entity: Segovia, Spain
Type of participation: Organiser
Start-End date: 16/06/2013 - 19/06/2013 **Duration:** 4 days
- 4** **Title of the activity:** Structure-performance relationships at the surface of functional materials” COST Chemistry D36 4th Workshop
Type of activity: Congreso **Geographical area:** European Union
City of event: Málaga, Spain
Convening entity: Univesidad de Málaga e Instituto de Catálisis y Petroleoquímica (CSIC)
City convening entity: Málaga, Spain
Type of participation: Miembro comité organizador
Start-End date: 18/05/2011 - 20/05/2011
- 5** **Title of the activity:** 6th World Congress on Catalysis by Acids and Bases”
Type of activity: Miembro del comité científico organizador **Geographical area:** European Union
City convening entity: Génova, Italy
Type of participation: Organiser
Start-End date: 05/2009 - 05/2009
- 6** **Title of the activity:** Second International Congress on Operando Spectroscopy: Fundamental and Technical aspects os spectroscopy of catalysts under working conditions”. OPERANDO-II.
Type of activity: • Presidente del Comité Local Organizador **Geographical area:** European Union
City convening entity: Toledo, Spain
Type of participation: Organiser
Start-End date: 04/2006 - 04/2006
- 7** **Title of the activity:** 4 SIMPOSIUM INTERNACIONAL DE ELEMENTOS DEL GRUPO V”
Type of activity: • Presidente del Comité Local Organizador **Geographical area:** European Union
City convening entity: Toledo, Spain
Type of participation: Chairman
Start-End date: 04/2002 - 04/2002

R&D management

- 1** **Name of the activity:** Structure-performance relationships at the surface of functional materials” COST Chemistry D36 4th Workshop
Type of management: Programme management
Performed tasks: Comite Cientifico Organizador
Entity: Universidad de Málaga, UNED, CSIC **Type of entity:** Public Research Body
Start date: 04/2011 **Duration:** 4 days
- 2** **Name of the activity:** Miembro del Comité Científico- FEZA 2011
Type of management: Programme management
Performed tasks: Coordinación y revisión de trabajos presentados



Entity: Universidad Politécnica de Valencia

Start date: 01/2011

Duration: 6 months

3 Name of the activity: Acciones Bilaterales (2010-2013) del programa SÓCRATES. HIGHER EDUCATION (ERASMUS) entre El Instituto Superios Técnico de Lisboa (Portugal) y la UNED

Type of management: Management of R&D&I actions and projects

Performed tasks: Responsable por parte de la UNED

Start date: 2010

Duration: 3 years

Geographical area: European Union

4 Name of the activity: Acciones Bilaterales (2010-2013) del programa SÓCRATES. HIGHER EDUCATION (ERASMUS) entre la West Pomeranian University of Technology, Szczecin (Polonia) y la UNED

Type of management: Management of R&D&I actions and projects

Performed tasks: Responsable por parte de la UNED

Start date: 2010

Duration: 3 years

Geographical area: European Union

5 Name of the activity: Miembro del comité científico organizador del ABC-6, 6th World Congress on Catalysis by Acids and Bases”,

Type of management: Programme management

Performed tasks: Miembro del Comité Científico Organizador

Entity: Universidad de Genova

Start date: 05/2009

Duration: 4 days

6 Name of the activity: Acciones Bilaterales (2007-2010) del programa SÓCRATES. HIGHER EDUCATION (ERASMUS) entre la Piere y Maire Curie, Paris (Francia) y la UNED

Type of management: Management of R&D&I actions and projects

Performed tasks: Responsable por parte de la UNED

Start date: 2007

Duration: 6 years

Geographical area: European Union

7 Name of the activity: Acciones Bilaterales (2007-2013) del programa SÓCRATES. HIGHER EDUCATION (ERASMUS) entre la Charles University, Praga (República Checa) y la UNED

Type of management: Management of R&D&I actions and projects

Performed tasks: Responsable por parte de la UNED

Start date: 2007

Duration: 6 years

Geographical area: European Union

8 Name of the activity: Acciones Bilaterales (2007-2013) del programa SÓCRATES. HIGHER EDUCATION (ERASMUS) entre la Rurh University, (Alemania) y la UNED

Type of management: Management of R&D&I actions and projects

Performed tasks: Responsable por parte de la UNED

Start date: 2007

Duration: 6 years

Geographical area: European Union

9 Name of the activity: Second International Congress on Operando Spectroscopy: Fundamental and Technical aspects os spectroscopy of catalysts under working conditions”. OPERANDO-II.

Type of management: Management of organised events

Performed tasks: Presidenta del Comité Local Organizador

Entity: UNED-CSIC

Start date: 04/2006

Duration: 4 days



- 10** **Name of the activity:** Acciones Bilaterales (2004-2013) del programa SÓCRATES. HIGHER EDUCATION (ERASMUS) entre la Universidad Adam Mickiewicz de Poznan (Polonia) y la UNED
Type of management: Management of R&D&I actions and projects
Performed tasks: Responsable por parte de la UNED
Start date: 2004 **Duration:** 9 years
- 11** **Name of the activity:** Acciones Bilaterales (2004-2013) del programa SÓCRATES. HIGHER EDUCATION (ERASMUS) entre la Universidad Nova de Lisboa de Lisboa y la UNED
Type of management: Management of R&D&I actions and projects
Performed tasks: Responsable por parte de la UNED
Start date: 2004 **Duration:** 9 years
Geographical area: European Union
- 12** **Name of the activity:** 4 SIMPOSIUM INTERNACIONAL DE ELEMENTOS DEL GRUPO V".
Type of management: Management of organised events
Performed tasks: Presidenta del Comité Local Organizador
Entity: UNED-CSIC
Start date: 04/2002 **Duration:** 4 days

National and international forums and committees

- 1** **Name of the forum:** Comisión de Garantías y Programas
Professional category: Vocal
Organising entity: Agencia Nacional de Evaluación **Type of entity:** agencia de la Calidad y Acreditación
City organizing entity: Madrid, Community of Madrid, Spain
Start-End date: 21/03/2013 - 24/02/2014
- 2** **Name of the forum:** Comisión de Convalidaciones de la Licenciatura en Ciencias Ambientales
Professional category: Presidenta
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City organizing entity: Madrid, Community of Madrid, Spain
Start-End date: 10/2007 - 04/2010
- 3** **Name of the forum:** asignatura Practicum de la Licenciatura en Ciencias Ambientales
Professional category: Coordinadora Nacional
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City organizing entity: Madrid, Community of Madrid, Spain
Start-End date: 10/2007 - 04/2010
- 4** **Name of the forum:** Comisión de Titulación de Grado en Ciencias Ambientales
Professional category: Presidenta
Organising entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
City organizing entity: Madrid, Community of Madrid, Spain
Start-End date: 10/2006 - 04/2010



5 **Name of the forum:** I Congreso Estatal de Sostenibilidad- AMBIENTALIA 2010
Professional category: Vicerrectora Representante de la UNED
Organising entity: Coordinadora Estatal de Ciencias Ambientales
City organizing entity: Rivas Vacia-Madrid, Community of Madrid, Spain
Start-End date: 03/2010 - 03/2010

6 **Name of the forum:** Editorial de la UNED
Professional category: Directora
Organising entity: Universidad Nacional de Educación a Distancia
Type of entity: University
City organizing entity: Madrid, Community of Madrid, Spain
Start-End date: 10/1996 - 04/1998

7 **Name of the forum:** Comision de Renovacion de Titulaciones
Professional category: Vocal
Organising entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
Type of entity: Agencia de la Calidad y Acreditación
City organizing entity: Madrid, Community of Madrid, Spain
Start date: 25/02/2014

Evaluation and revision of R&D projects and articles

1 **Name of the activity:** evaluacion de proyectos
Performed tasks: Evaluadora de Proyectos del MINECO
Entity where activity was carried out: MINECO
City of entity: Madrid, Community of Madrid, Spain
Start-End date: 04/2012 - 06/2012

2 **Name of the activity:** Seguimiento de proyectos
Performed tasks: Seguimiento de proyectos MINECO
Entity where activity was carried out: MINECO
City of entity: Madrid, Community of Madrid, Spain
Start-End date: 04/2012 - 04/2012

3 **Name of the activity:** Evaluación de proyectos
Performed tasks: Evaluadora de proyectos
Entity where activity was carried out: Academia de Ciencias Checa
City of entity: Praga, Praha, Czech Republic
Start-End date: 07/2011 - 09/2011

4 **Name of the activity:** referee
Performed tasks: Revision de articulos en revistas internacionales
Entity where activity was carried out: Elsevier, Springer; betham
Start date: 04/2000

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Universidad de Tizi-Ouzou (Argelia)
Faculty, institute or centre: Facultad de Ciencias. Laboratorio del Gas natural
City of entity: Argel-Tizi-Ouzou, Algeria
Start-End date: 11/01/2015 - 18/01/2015 **Duration:** 7 days
Goals of the stay: Guest
Provable tasks: impartición de cursos seminarios/coordinación de tesis doctorales

- 2** **Entity:** Sogang University- Seoul- Korea **Type of entity:** University
City of entity: Seoul-Korea, Unknown
Start-End date: 07/2009 - 08/2009 **Duration:** 15 days
Goals of the stay: Guest
Provable tasks: profesor master

- 3** **Entity:** Instituto Superior Técnico (Universidad Técnica de Lisboa) **Type of entity:** University
City of entity: Lisboa, Portugal
Start-End date: 10/1993 - 10/1994 **Duration:** 1 year
Goals of the stay: Post-doctoral

- 4** **Entity:** Heyrovsky Institute. Academia de Ciencias Checa. **Type of entity:** University Research Institute
City of entity: Praga, Czech Republic
Start date: 03/2004 **Duration:** 7 days
Goals of the stay: Guest

- 5** **Entity:** Universidad de Ciencia y Tecnología de Hong Kong **Type of entity:** University
City of entity: Hong Kong, China
Start date: 02/2004 **Duration:** 14 days
Goals of the stay: Guest

- 6** **Entity:** Universidad de La Habana **Type of entity:** University
City of entity: La Habana, Cuba
Start date: 03/1997 **Duration:** 14 days
Goals of the stay: Guest

- 7** **Entity:** National Institute for Resources and Environment Tsukuba **Type of entity:** University Research Institute
City of entity: Tsukuba, Japan
Start date: 02/1996 **Duration:** 14 days
Goals of the stay: Guest



Obtained grants and scholarships

- 1** **Name of the grant:** Profesor Asesor de la Universidad TIZI-OUZOU (ARGELIA). En el Laboratorio del Gas Natural
Aims: Profesor Asesor
Awarding entity: Universidad de Tizi-Ouzou
Conferral date: 06/2010
End date: 2012
- 2** **Name of the grant:** Consulting Professor en la Universidad de Ciencia y Tecnología de Hong Kong
Aims: Consulting Professor
Conferral date: 2004
End date: 2012
- 3** **Name of the grant:** Beca del Gobierno Japonés para Doctores extranjeros. Proyecto: Aplicación de tamices moleculares de carbón como catalizadores en reacciones de química fina”
Aims: Post-doctoral
Awarding entity: Gobierno Japonés
Conferral date: 02/1996
Duration: 1 month
End date: 03/1996
- 4** **Name of the grant:** Beca de Formación del Personal Investigador del M.E.C.; Programa: Nuevos Materiales.
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION
Type of entity: MEC
Conferral date: 01/1988
End date: 12/1991
- 5** **Name of the grant:** Beca Postdoctoral del Programa Europeo de Capital humano y movilidad de la Comunidad Económica Europea; Proyecto nº ERBCHRXCT 920065 "Activación Catalítica de Alcanos".
Aims: Post-doctoral
Awarding entity: Comunidad Económica Europea
Conferral date: 1993
Duration: 1 year

Editorial councils

- 1** **Name of the editorial council:** EditorialBoard of the Journal Recent Patents in Chemical Engineering
Affiliation entity: Bentham
Start date: 01/2009
- 2** **Name of the editorial council:** Referee de la Royal Society of Chemistry
Affiliation entity: Royal Society of Chemistry
Start date: 2006



Co-operation networks

Name of the network: Socia de Honor nº 1 de la Asociación de Alumnos y exalumnos de Ambientales de la UNED

Identification of the network: Ciencias Ambientales

Start date: 10/2011

Duration: 1 year - 1 month

Prizes, mentions and distinctions

- Description:** Socia de Honor Nº 1. Asociación de Alumnos y Exalumnos de Ambientales-UNED
Awarding entity: Asociacion de Estudiantes de Ciencias Ambientales
Type of entity: Associations and Groups
City awarding entity: Madrid, Community of Madrid, Spain
Conferral date: 10/2011
- Description:** 1º Premio al mejor Trabajo presentado en el 6ª Green Chemistry Conference and 2nd Spanish Meeting on Sustainable Chemistry
Awarding entity: Institut de Ciencia i Tecnologia
City awarding entity: Barcelona, Spain
Conferral date: 11/2004
- Description:** 3º Premio de comunicaciones tipo poster en la 10ª Reunión Científica Plenaria de Química Inorgánica y 4ª Reunión Científica Plenaria del Estado sólido.
Awarding entity: Universidad de Córdoba
Type of entity: University
City awarding entity: Córdoba, Spain
Conferral date: 09/2002

Other distinctions (professional or business career)

- Description:** Asesor Científico
Awarding entity: GRILAB
Type of entity: Business
City awarding entity: Madrid, Community of Madrid, Spain
Conferral date: 10/2011
- Description:** Asesor científico del Laboratorio del gas natural.
Awarding entity: Tizi-Ouzou University
Type of entity: University
City awarding entity: Argel-Tizi-Ouzou, Algeria
Conferral date: 06/2010
- Description:** Consulting professor
Awarding entity: Science and Technology University
Type of entity: University
City awarding entity: Hong Kong, China
Conferral date: 03/2004



Periods of research activity

Nº of recognized periods: 4

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

City certifying entity: Spain

Date of recognition: 01/2012

Obtained accreditations/recognitions

Description: 4 Quinquenios- Docencia

Accrediting entity: Universidad Nacional de Educación a Distancia

City accrediting entity: Madrid,

Date of recognition: 01/2011

Type of entity: University