



Javier Cepeda Ruiz

Generated from: Editor CVN de FECYT

Date of document: 12/07/2019

v 1.4.0

4850073c5781d316c3272e1759596647

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/>



Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

During my predoctoral stage (2009-2013) I acquired an adequate training to design, synthesize and characterize porous coordination polymers with magnetic and luminescent properties, which is my main research line. The last months just before finishing my PhD thesis, I enrolled with the group led by Prof. Paul A. Wright (University of St Andrews, Scotland) to perform a **research stay** with the aim of improving my knowledge about the characterization of porous materials by means of gas adsorption techniques. In April 2013, I defended my PhD thesis and I obtained the maximum qualification (Apto Cum Laude, in agreement with the current regulations) along with the “**International Doctor**” mention. As a consequence of my hard-working capacity so far, I have participated in **14 research projects** and I am **co-author of 53 research scientific articles** published in international journals of high quality (**h index=18**, total cites=725, average cites per year=72.5). Moreover, **7** of these articles were selected to occupy the **front cover** of their volume. Among the **36 articles published during my post-doctoral step** (since I was granted my PhD in April 2013) I am the **first author of 12** and the **corresponding author of 20** of them. I have also published **2 book chapters** related with my research strengths. Given the high number of excellent publications derived from my PhD thesis, I was granted with the **Extraordinary Thesis Award** by the University of the Basque Country. Moreover, I am coauthor of more than **50 communications** submitted to congresses, among which it is worth highlighting the **lecture** about my research topics I was **invited** by the Chemistry Department of the Faculty of Mathematics and Natural Sciences of **Sebelas Maret University** (Indonesia). This invitation brought about a fruitful collaboration with Dr. Atmanto H. Wibowo that has already led to 2 publications. It is worth mentioning that I have recently taken **part in the organizing committee** of "BioBilbao-2017" congress. Moreover, I have been **reviewer of several articles** since 2011 for the "European Journal of Inorganic Chemistry" and "Zeitschrift Fur Anorganische und Allgemeine Chemie" international journals belonging to the "Wiley-VCH" editorial, for which I was awarded with the distinguished "Outstanding Reviewer" recognition. I also act as reviewer for other journals such as "Inorganic Chemistry" and "Crystal Growth & Design", both of which occupy the first positions in the specific research area I work on. Recently, I have taken part as **external reviewer in the assessment of PICT projects** founded by FONCyT (Argentina). In 2013 I moved to the Chemistry Faculty in Donostia (UPV/EHU) in which I enrolled as temporary lecturer at the Applied Chemistry Department and I have been **teaching during the last four years** (2013-2017). I combined the teaching and research activities by means of two post-doctoral fellowships up to September, 2017, when I upgraded to my **actual position as Associate Lecturer**. I have also participated in many scientific dissemination performances and I am co-author of **3 divulgation articles**. Regarding my teaching experience, I have taught during the last 5 years **4 subjects of Chemistry Degree** (including both practical and theoretical lessons) in 3 different languages (Spanish, Basque and English). To end up, I have already supervised **2 master final projects** as well as **4 final year projects**, in addition to **2 ongoing Doctoral Theses**.

General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

As a direct consequence of the research activity I performed so far, I am coauthor of **53 research articles** (**43** of them in **Q1** journals) published in peer-reviewed international indexed journals of high quality (for instance, Chemistry of Materials, Coordination Chemistry Reviews, Chemical Communications, Chemistry – A European Journal, Inorganic Chemistry). These articles have received **641 cites** (average of **13.08** per articles published in 2009-2019 period, based on 49 articles, Web of Science, 11th July, 2019), in such a way that my **h index is 15**, which gives a value of h-index/year of **1.5** that is indicative of an intense career. I have been **reviewer of several research articles** since 2011 for the “EurJIC” and “ZAAC” international journals belonging to the “Wiley-VCH” editorial, for which I was awarded with the distinguished “Outstanding Reviewer” recognition. I actually act as reviewer for other journals such as “Inorganic Chemistry”, “Crystal Growth & Design” and “Dalton Transactions”, which occupy the first positions in the specific research area I work on. Moreover, I have participated in **14 research projects**, as PI in one of them granted by the Spanish Ministry of Science and Innovation, and I have also taken part as **external reviewer in the assessment of PICT projects** founded by FONCYT (Argentina). I am coauthor of **two book chapters** related to MOFs based on supramolecular interactions among biological ligands and luminescent properties of MOFs, respectively, both of which currently constitute two main topics of intense research activity. Up to date, I am coauthor of more than **50 communications to national and international congresses**. It is worth mentioning that I **collaborated in the organization of one** of the congresses while I have recently taken **part in the organizing committee** of another. Moreover, I would like to highlight that I was **invited** by the Chemistry Department of the Faculty of Mathematics and Natural Sciences of **Sebelas Maret University** (UNS, Indonesia) to give a **plenary lecture** about my research topics. I have also participated in many scientific dissemination performances in order to bring closer science to general audience. From 2018 on, I participate as lecturer in the “Resolución Estructural Mediante Difracción de Rayos X”, which takes place once a year.

As depicted from my publications, my research interests are focused on the design, synthesis and characterization of MOFs/CPs with luminescence, magnetism, porosity properties, among which currently photoluminescence occupies the main research line. In fact, it is worth mentioning that the research concerning the photoluminescent properties of CPs has allowed me starting a quite independent career in which I count with many national and international collaborators. In this line, Dr. Jose Angel Garcia (UPV/EHU) is the most important one given his deep expertise in the topic and the large necessary equipment he owns with which I work. Of equal importance is the collaboration with Dr. Antonio Rodríguez-Diéguez (UGR) to design and synthesize all the materials, as well as his extensive network of collaborators. On the other hand, it must be mentioned those researchers pertaining to my group at UPV/EHU in Donostia (Dr. Jose M. Seco and Dr. Eider San Sebastian), the group led by Dr. Oscar Castillo (UPV/EHU), and also a recent collaboration started with the Dr. A. H. Wibowo (UNS, Indonesia).



Javier Cepeda Ruiz

Surname(s): **Cepeda Ruiz**
Name: **Javier**
ORCID: **0000-0002-0147-1360**
ResearcherID: **O-9648-2016**
Date of birth: **01/06/1984**
Gender: **Male**
Email: **javier.cepeda@ehu.eus**

Current professional situation

Employing entity: Universidad del País Vasco
Department: Química Aplicada, Facultad de Ciencias Químicas
Professional category: AssociateLecturer
Start date: 29/09/2017
Type of contract: Temporary employment contract **Dedication regime:** Full time
Primary (UNESCO code): 230000 - Chemistry
Secondary (UNESCO code): 230300 - Inorganic chemistry
Tertiary (UNESCO code): 230307 - Co-ordination compounds
Identify key words: Crystalline engineering

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad del País Vasco	Temporary lecturer	16/09/2013
2	Universidad del País Vasco	Post-doctoral researcher	01/02/2015
3	Universidad del País Vasco	Post-doctoral researcher	27/05/2013
4	Universidad del País Vasco	PhD predoctoral researcher	01/01/2009
5	Industria de Turbo Propulsores, S.A.	Graduated in Chemical Sciences	02/06/2008

- 1** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Professional category: Temporary lecturer
Start-End date: 16/09/2013 - 31/08/2017 **Duration:** 3 years - 11 months - 16 days
- 2** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Professional category: Post-doctoral researcher
Start-End date: 01/02/2015 - 31/01/2017 **Duration:** 2 years
- 3** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Professional category: Post-doctoral researcher
Start-End date: 27/05/2013 - 26/02/2014 **Duration:** 9 months



- 4** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Professional category: PhD predoctoral researcher
Start-End date: 01/01/2009 - 31/12/2012 **Duration:** 4 years
- 5** **Employing entity:** Industria de Turbo Propulsores, S.A. **Type of entity:** Business
Professional category: Graduated in Chemical Sciences
Start-End date: 02/06/2008 - 30/09/2008 **Duration:** 4 months



Education

University education

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

- 1** **University degree:** Higher degree
Name of qualification: Graduation Thesis in Chemical Sciences
Degree awarding entity: Universidad del País Vasco **Type of entity:** University
Date of qualification: 14/07/2008
- 2** **University degree:** Higher degree
Name of qualification: Graduation in Chemical Sciences
Degree awarding entity: Universidad del País Vasco **Type of entity:** University
Date of qualification: 26/07/2007

Doctorates

Doctorate programme: Official PhD Program in Materials Science & Technology
Degree awarding entity: Universidad del País Vasco **Type of entity:** University
Date of degree: 12/04/2013

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

- 1** **Training title:** Certificación energética, análisis de ciclo de vida, ciclo del carbono y ciclo del agua
Awarding entity: Colegio Oficial y Asociación de Químicos del País Vasco **Type of entity:** Associations and Groups
End date: 01/07/2013 **Duration in hours:** 15 hours
- 2** **Training title:** Sistemas de Gestión de la Energía ISO 50001
Awarding entity: Colegio Oficial y Asociación de Químicos del País Vasco **Type of entity:** Associations and Groups
End date: 21/06/2013 **Duration in hours:** 12 hours
- 3** **Training title:** Microscopía de Fuerza Atómica: Modos de operación, Técnicas avanzadas y Aplicaciones
Awarding entity: Universidad del País Vasco **Type of entity:** University
End date: 14/06/2013 **Duration in hours:** 20 hours
- 4** **Training title:** Transferencia y Comercialización de la Investigación
Awarding entity: Universidad del País Vasco **Type of entity:** University
End date: 13/03/2013 **Duration in hours:** 5 hours



- 5 Training title:** Introducción a RefWorks
Awarding entity: Biblioteca Universitaria (UPV/EHU) **Type of entity:** University
End date: 09/03/2012 **Duration in hours:** 2 hours
- 6 Training title:** ITON! 2011 Satellite workshop. Online edition of international tables for crystallography: current state and future developments
Awarding entity: International Union of Crystallography **Type of entity:** Asociación Internacional de Cristalografía
End date: 03/09/2011 **Duration in hours:** 20 hours
- 7 Training title:** Aperiodic crystals for beginners (IUCr Satellite meeting)
Awarding entity: International Union of Crystallography **Type of entity:** Asociación Internacional de Cristalografía
End date: 01/09/2011 **Duration in hours:** 14 hours
- 8 Training title:** Macromolecular crystallography school (MSC2011)
Awarding entity: CSIC y Universidad Internacional Menéndez Pelayo **Type of entity:** University Centres and Structures and Associated Bodies
End date: 20/05/2011 **Duration in hours:** 40 hours
- 9 Training title:** Advanced Aspects in Applied Mathematics
Awarding entity: ASOC BCAM - BASQUE CENTER FOR APPLIED MATHEMATICS
End date: 02/04/2011 **Duration in hours:** 10 hours
- 10 Training title:** Gestión de residuos tóxicos, peligrosos y sanitarios
Awarding entity: Universidad del País Vasco **Type of entity:** University
End date: 17/03/2011 **Duration in hours:** 2 hours
- 11 Training title:** Seguridad sobre la utilización de botellas de gases
Awarding entity: Universidad del País Vasco **Type of entity:** University
End date: 30/11/2010 **Duration in hours:** 4 hours
- 12 Training title:** X Escuela sobre el Método de Rietveld
Awarding entity: Departamento de Química Inorgánica y Orgánica de la Universidad Jaume I de Castellón y Departamento de Química Inorgánica, Cristalografía y Mineralogía de la Universidad de Málaga **Type of entity:** University
End date: 09/07/2010 **Duration in hours:** 30 hours
- 13 Training title:** Técnicas Instrumentales en Bioinorgánica
Awarding entity: Asociación Española de Bioinorgánica (AEBIN)
End date: 18/06/2010 **Duration in hours:** 40 hours
- 14 Training title:** Ubuntu linux
Awarding entity: Servicio de Asesoramiento Educativo **Type of entity:** University
End date: 22/06/2009 **Duration in hours:** 9 hours
- 15 Training title:** Caracterización de materiales por difracción de rayos X
Awarding entity: Servicio General de Rayos X de la UPV/EHU **Type of entity:** University Centres and Structures and Associated Bodies
End date: 30/04/2009 **Duration in hours:** 20 hours



- 16 Training title:** Seminario de Buenas Prácticas del Pipeteo
Awarding entity: Mettler Toledo
End date: 12/03/2009
Type of entity: Empresa de productos de precisión
Duration in hours: 2 hours
- 17 Training title:** Introducción básica al uso de Arina
Awarding entity: Servicio General de Informática Aplicada a la Investigación (Cálculo Científico)
End date: 10/02/2009
Duration in hours: 2 hours
- 18 Training title:** El análisis mineralógico mediante difracción de rayos X y sus aplicaciones
Objetivos del curso: Dotar al asistente de formación complementaria relativa a la caracterización de muestras policristalinas mediante difracción de rayos X
Awarding entity: Servicio General de Rayos X de la UPV/EHU
End date: 09/04/2008
Type of entity: University Centres and Structures and Associated Bodies
Duration in hours: 8 hours
- 19 Training title:** Fundamentos físico-matemáticos de la química teórica
Awarding entity: Programa de doctorado: química teórica y computacional
End date: 02/02/2008
Type of entity: University
Duration in hours: 20 hours
- 20 Training title:** Métodos de la química cuántica
Awarding entity: Programa de doctorado: química teórica y computacional
End date: 02/02/2008
Type of entity: University
Duration in hours: 20 hours
- 21 Training title:** Simetría en átomos, moléculas y sólidos
Awarding entity: Programa de doctorado: química teórica y computacional
End date: 02/02/2008
Type of entity: University
Duration in hours: 20 hours
- 22 Training title:** Técnicas computacionales
Awarding entity: Programa de doctorado: química teórica y computacional
End date: 02/02/2008
Type of entity: University
Duration in hours: 20 hours
- 23 Training title:** Riesgos, medidas preventivas y recomendaciones para el trabajo con agentes químicos y biológicos en los laboratorios de la UPV
Awarding entity: Centro Nacional de Verificación de Maquinaria
End date: 22/11/2007
Type of entity: Instituto Nacional de Seguridad e Higiene en el Trabajo
Duration in hours: 6 hours

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1 Title of course/seminar:** Primer nivel del programa Terminología sareak ehunduz (TSE)
Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU
Organising entity: Universidad del País Vasco
Type of entity: University
Faculty, institute or centre: Vicerrectorado de Euskera
Duration in hours: 10 hours
Start-End date: 01/01/2017 - 01/06/2017



- 2** **Title of course/seminar:** Euskararen erabilera geletan
Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU
Organising entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Vicerrectorado de Euskera
Duration in hours: 25 hours
Start-End date: 22/09/2016 - 13/12/2016
- 3** **Title of course/seminar:** Iniciación y diseño de MOOC
Goals of the course/seminar: Aprender a cómo realizar un MOOC de una asignatura impartida en la universidad
Organising entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Grupo G9 de universidades
Duration in hours: 25 hours
Start-End date: 18/05/2016 - 05/06/2016
- 4** **Title of course/seminar:** Hiztegi batua - Diccionario "batua"
Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU
Organising entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Vicerrectorado de Euskera
Duration in hours: 20 hours
Start-End date: 02/05/2016 - 27/05/2016
- 5** **Title of course/seminar:** Classroom Practice and English-Medium Pedagogy - Prácticas de aula y pedagogía de inglés
Goals of the course/seminar: Adquirir la práctica necesaria para la impartición de docencia en inglés
Organising entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Vicerrectorado de Euskera
Duration in hours: 30 hours
Start-End date: 14/01/2016 - 17/03/2016
- 6** **Title of course/seminar:** Jendaurreko Komunikazioan Trebatzeko Tailerra - Taller para la mejora de la comunicación ante el público
Goals of the course/seminar: Mejorar la capacidad de comunicación oral durante la impartición de docencia y exposiciones orales
Organising entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Servicio de asesoramiento educativo - UPV/EHU
Duration in hours: 20 hours
Start-End date: 25/01/2016 - 28/01/2016
- 7** **Title of course/seminar:** Euskaltzaindiaren arugintza berria - Nueva normativa de Euskaltzaindia
Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU
Organising entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Vicerrectorado de Euskera
Duration in hours: 20 hours
Start-End date: 01/06/2015 - 26/06/2015
- 8** **Title of course/seminar:** Interneteko hizkuntza baliabideak eta euskara zerbitzuarenak - Recursos lingüísticos de internet y del servicio de euskera
Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU
Organising entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Vicerrectorado de Euskera



Duration in hours: 20 hours
Start-End date: 12/04/2015 - 08/05/2015

9 Title of course/seminar: Testu akademikoak itzultzen trebatzeko lantegia - Taller de mejora para la traducción de textos académicos

Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU

Organising entity: Universidad del País Vasco **Type of entity:** University

Faculty, institute or centre: Vicerrectorado de Euskera

Duration in hours: 20 hours

Start-End date: 02/02/2015 - 27/02/2015

10 Title of course/seminar: Morfosintaxiaren inguruko zalantzak eta argibideak - Dudas y aclaraciones sobre la morfosintaxis

Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU

Organising entity: Universidad del País Vasco **Type of entity:** University

Faculty, institute or centre: Vicerrectorado de Euskera

Duration in hours: 15 hours

Start-End date: 03/03/2014 - 21/03/2014

11 Title of course/seminar: Teaching your subject in English - Impartir tu asignatura en inglés

Goals of the course/seminar: Preparar al profesorado de la UPV/EHU para impartir asignaturas en inglés

Organising entity: Universidad del País Vasco **Type of entity:** University

Faculty, institute or centre: Vicerrectorado de Euskera

Duration in hours: 30 hours

Start-End date: 16/01/2014 - 21/03/2014

12 Title of course/seminar: Moodle-era sarrera - Introducción al Moodle

Goals of the course/seminar: Introducir al profesorado de la UPV/EHU al uso del Moodle

Organising entity: Universidad del País Vasco **Type of entity:** University

Faculty, institute or centre: Vicerrectorado de Euskera

Duration in hours: 10 hours

Start-End date: 10/01/2014 - 10/03/2014

13 Title of course/seminar: Unibertsitateko testuak zuzentzen: ohiko zuzenketak - Corrigiendo textos universitarios: correcciones habituales

Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU

Organising entity: Universidad del País Vasco **Type of entity:** University

Faculty, institute or centre: Vicerrectorado de Euskera

Duration in hours: 20 hours

Start-End date: 03/02/2014 - 28/02/2014

14 Title of course/seminar: Ahozko Hizkuntza Testuinguru Akademikoan - La Comunicación Oral en el Contexto Académico

Goals of the course/seminar: Mejorar la calidad lingüística y docente del profesorado de la UPV/EHU

Organising entity: Universidad del País Vasco **Type of entity:** University

Faculty, institute or centre: Vicerrectorado de Euskera

Duration in hours: 12 hours

Start-End date: 13/01/2014 - 14/01/2014



Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	A1	B1	A1	A1	A1
German	A2	A2	A2	A2	A2
Gallegan	B1	C1	B1	B1	A1
Basque	C1	C1	C1	C1	C1
English	C1	C1	C1	C1	C1

Teaching experience

General teaching experience

- 1 Type of teaching:** Official teaching
Name of the course: Experimentation in Inorganic Chemistry
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Grado en Química
Course given: 2º
Start date: 09/2018 **End date:** 07/2019
End date: 07/2019 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 6
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: English
- 2 Type of teaching:** Official teaching
Name of the course: Kimika Ez-organikoa II
Type of programme: Bachelor's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Grado en Química
Course given: 2º
Start date: 09/2018 **End date:** 07/2019
End date: 07/2019 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 5
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: Basque
- 3 Type of teaching:** Official teaching
Name of the course: Laborategiko Oinarrizko Eragiketak
Type of programme: Bachelor's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Grado en Química



Course given: 2º
Start date: 09/2018
End date: 07/2019
Hours/ECTS credits: 5
Entity: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: Basque

End date: 07/2019
Type of hours/ ECTS credits: Credits
Type of entity: University

4 Type of teaching: Official teaching
Name of the course: Operaciones Básicas del Laboratorio
Type of programme: Bachelor's degree
Type of subject: Obligatory
University degree: Grado en Química
Course given: 2º
Start date: 09/2018
End date: 07/2019
Hours/ECTS credits: 5
Entity: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: Spanish

Type of teaching: In person theory
End date: 07/2019
Type of hours/ ECTS credits: Credits
Type of entity: University

5 Type of teaching: Official teaching
Name of the course: Experimentación en Química Inorgánica (6 créditos)
Type of programme: Bachelor's degree
Type of subject: Obligatory
University degree: Grado en Química
Course given: 2º
Start date: 09/2017
End date: 07/2018
Hours/ECTS credits: 6
Entity: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: Spanish

Type of teaching: Laboratory work
End date: 07/2018
Type of hours/ ECTS credits: Credits
Type of entity: University

6 Type of teaching: Official teaching
Name of the course: Experimentation in Inorganic Chemistry
Type of programme: Bachelor's degree
Type of subject: Obligatory
University degree: Grado en Química
Course given: 2º
Start date: 09/2017
End date: 07/2018
Hours/ECTS credits: 6
Entity: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: English

Type of teaching: Laboratory work
End date: 07/2018
Type of hours/ ECTS credits: Credits
Type of entity: University



- 7** **Type of teaching:** Official teaching
Name of the course: Operaciones Básicas del Laboratorio (6 créditos)
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Grado en Química
Course given: 1º
Start date: 09/2017 **End date:** 07/2018
End date: 07/2018 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 6
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: Spanish
- 8** **Type of teaching:** Official teaching
Name of the course: Química Inorgánica II (Prácticas de la asignatura)
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Grado en Química
Course given: 3º
Start date: 09/2017 **End date:** 07/2018
End date: 07/2018 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 3
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: Basque
- 9** **Type of teaching:** Official teaching
Name of the course: Experimentación en Química Inorgánica (6 créditos)
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Grado en Química
Course given: 2º
Start date: 09/2017 **End date:** 07/2017
End date: 07/2017 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 6
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: Basque
- 10** **Type of teaching:** Official teaching
Name of the course: Operaciones Básicas del Laboratorio (6 créditos)
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Grado en Química
Course given: 1º
Start date: 09/2016 **End date:** 07/2017
End date: 07/2017 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 6



Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Subject language: Spanish

11 **Type of teaching:** Official teaching
Name of the course: Experimentación en Química Inorgánica (6 créditos)
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
Assessment type: Survey
University degree: Grado en Química
Course given: 2º
Start date: 09/2015 **End date:** 07/2016
End date: 07/2016 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 6
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Assessment type: Survey
Mark obtained: 4.0 **Top mark possible:** 5.0
Subject language: Spanish

12 **Type of teaching:** Official teaching
Name of the course: Operaciones Básicas del Laboratorio (6 créditos)
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
Assessment type: Survey
University degree: Grado en Química
Course given: 2º
Start date: 09/2015 **End date:** 07/2016
End date: 07/2016 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 6
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas
Department: Química Aplicada
Assessment type: Survey
Mark obtained: 4.4 **Top mark possible:** 5.0
Subject language: Basque

13 **Type of teaching:** Official teaching
Name of the course: Experimentación en Química Inorgánica (6 créditos)
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
Assessment type: Survey
University degree: Grado en Química
Course given: 2º
Start date: 09/2014 **End date:** 07/2015
End date: 07/2015 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 6
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Químicas



Department: Química Aplicada
Assessment type: Survey
Mark obtained: 4.3
Subject language: Spanish

Top mark possible: 5.0

14 **Type of teaching:** Official teaching

Name of the course: Operaciones Básicas del Laboratorio (6 créditos)

Type of programme: Bachelor's degree

Type of teaching: Laboratory work

Type of subject: Obligatory

Assessment type: Survey

University degree: Grado en Química

Course given: 2º

Start date: 09/2014

End date: 07/2015

End date: 07/2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universidad del País Vasco

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias Químicas

Department: Química Aplicada

Assessment type: Survey

Mark obtained: 3.5

Top mark possible: 5.0

Subject language: Basque

15 **Type of teaching:** Official teaching

Name of the course: Experimentación en Química Inorgánica (12 créditos)

Type of programme: Bachelor's degree

Type of teaching: Laboratory work

Type of subject: Obligatory

Assessment type: Survey

University degree: Grado en Química

Course given: 2º

Start date: 09/2013

End date: 07/2014

End date: 07/2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 12

Entity: Universidad del País Vasco

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias Químicas

Department: Química Aplicada

Assessment type: Survey

Mark obtained: 3.8

Top mark possible: 5.0

Subject language: Basque

Experience supervising doctoral thesis and/or final year projects

1 **Project title:** Diseño de polímeros de coordinación con fosforescencia de larga duración basados en el ligando 2-aminonicotinato

Type of project: Minor thesis

Student: Oier Pajuelo Corral

Date of reading: 24/07/2018

2 **Project title:** Lantanoetan oinarritutako MOF kiralen diseinu, sintesi eta karakterizazioa, eta sortutako materialen espintronikarekin erlazionatutako propietate optikoen analisia

Type of project: End of course project



Student: Aritz Landart Gereka

Date of reading: 11/07/2018

- 3** **Project title:** Síntesis, caracterización y estudio de nuevos materiales magnéticos con el ligando 1,4,8,11-tetraaza-1,4,8,11-tetrakis(2-hidroxi-3-metoxi-5-metilbencil)ciclotetradecano (H4L)
Type of project: End of course project
Student: Xabier López de Pariza Sanz
Date of reading: 11/07/2018
- 4** **Project title:** Modulación del color de la emisión fotoluminiscente de complejos y polímeros de coordinación formados por el ligando piridina-2,5-dicarboxilato e iones lantánido
Type of project: End of course project
Student: Asier Agrelo Lestón
Date of reading: 20/09/2017
- 5** **Project title:** Síntesis y caracterización de compuestos de coordinación con ligandos multitópicos. Estudio de las propiedades fotoluminiscentes y magnéticas de moléculas imán
Type of project: Minor thesis
Student: Estitxu Echenique Errandonea
Date of reading: 25/07/2017
- 6** **Project title:** Polímeros de coordinación basados en el ligando 2-aminopiridina-3-carboxilato y metales de transición con propiedades fotoluminiscentes e imán molecular
Type of project: End of course project
Student: Oier Pajuelo Corral
Date of reading: 20/07/2017

Teaching experience in courses and seminars for university teacher training

- 1** **Type of event:** Curso formativo
Name of the event: 10º Workshop de Resolución Estructural Mediante Difracción de Rayos X
Organising entity: Real Sociedad Española de Química **Type of entity:** Grupo de Jóvenes Investigadores
Hours of teaching: 20
Teaching date: 08/04/2019
- 2** **Type of event:** Curso formativo
Name of the event: 10º Workshop de Resolución Estructural Mediante Difracción de Rayos X
Organising entity: Real Sociedad Española de Química **Type of entity:** Grupo de Jóvenes Investigadores
Hours of teaching: 20
Teaching date: 25/04/2018

Educational or pedagogical publications, books, articles, etc.

Garikoitz Beobide Pacheco; Oscar Castillo García; Antonio Luque Arrebola; Sonia Pérez Yáñez. Aprendizaje de la química inorgánica experimental a través de metodologías activas.

Name of the materials: Congreso online de investigación en enseñanza de las ciencias – III Simposio Internacional de Enseñanza de las Ciencias

Date of drafting: 13/06/2016

Format: Comunicación

Corresponding author: No



Scientific and technological experience

Research and development groups/teams

Name of the group: Complejos de metales de transición-Química de polioxometalatos (MOF-POM)

Aims of the group: Síntesis y caracterización de nuevos compuestos metal-orgánicos porosos

Type of collaboration: Co-authorship of projects and their development

Affiliation entity: Universidad del País Vasco

Type of entity: University

Start date: 01/09/2007

Duration: 7 years - 9 months

Scientific or technological activities

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

- 1 Name of the project:** Diseño, síntesis y caracterización de polímeros de coordinación luminiscentes para su uso en dispositivos ópticos multifuncionales

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

Degree of contribution: Scientific coordinator

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI...): Javier Cepeda Ruiz; Uxua Huizi Rayo; Oier Pajuelo Corral

Nº of researchers: 3

Type of participation: Principal investigator

Start-End date: 01/01/2019 - 31/12/2021

Total amount: 65.000 €

Dedication regime: Full time
- 2 Name of the project:** Diseño computacional, síntesis y caracterización de nuevos polímeros de coordinación porosos, luminiscentes y magnéticos para la purificación y almacenaje de hidrógeno molecular - Fase III

Entity where project took place: Universidad del País Vasco **Type of entity:** University

City of entity: Donostia, Basque Country, Spain

Name principal investigator (PI, Co-PI...): Jose Manuel Seco; Eider SanSebastian; Javier Cepeda Ruiz

Nº of researchers: 4

Funding entity or bodies: Universidad del País Vasco **Type of entity:** University

City funding entity: Bilbao, Basque Country, Spain

Start-End date: 01/10/2018 - 30/09/2019

Total amount: 51.877 €
- 3 Name of the project:** Síntesis de MOFs con compuestos organometálicos para la generación de hidrógeno a partir de boranos

Entity where project took place: Universidad del País Vasco **Type of entity:** University

City of entity: Donostia, Basque Country, Spain



Name principal investigator (PI, Co-PI....): Claudio Mendicute Fierro; Itxaso Bustos Rosas; Javier Cepeda Ruiz

Nº of researchers: 3

Funding entity or bodies:

Universidad del País Vasco

Type of entity: University

City funding entity: Bilbao, Basque Country, Spain

Start-End date: 28/11/2016 - 27/11/2018

Total amount: 5.376 €

- 4 Name of the project:** Diseño computacional, síntesis y caracterización de nuevos polímeros de coordinación porosos, luminiscentes y magnéticos para la purificación y almacenaje de hidrógeno molecular - Fase II

Entity where project took place: Universidad del País Vasco **Type of entity:** University

City of entity: Donostia, Basque Country, Spain

Name principal investigator (PI, Co-PI....): Jose Manuel Seco; Eider SanSebastian; Javier Cepeda Ruiz

Nº of researchers: 4

Funding entity or bodies:

Universidad del País Vasco

Type of entity: University

City funding entity: Bilbao, Basque Country, Spain

Start-End date: 01/10/2017 - 30/09/2018

Total amount: 35.168 €

- 5 Name of the project:** Sintesis y aplicacion biomedica de compuestos de coordinación multifuncionales en el tratamiento de pacientes de diabetes, nanotransporte de farmacos basado en MOFs y nanoparticulas de oro

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

City of entity: Granada, Andalusia, Spain

Name principal investigator (PI, Co-PI....): Antonio Rodríguez Diéguez; Jose Manuel Seco Botana; Itziar Oyarzabal Epelde; Javier Cepeda Ruiz

Funding entity or bodies:

Junta de Andalucía

Type of entity: Junta de Andalucia

City funding entity: Sevilla, Andalusia, Spain

Start-End date: 01/01/2016 - 31/12/2017

- 6 Name of the project:** Materiales Multifuncionales Magnéticos y Porosos

Entity where project took place: Universidad del País Vasco **Type of entity:** University

City of entity: Leioa, Basque Country, Spain

Name principal investigator (PI, Co-PI....): Jose Manuel Seco Botana; Montserrat Barquin; Itziar Oyarzabal Epelde; Javier Cepeda Ruiz

Funding entity or bodies:

Universidad del País Vasco

Type of entity: University

City funding entity: Bilbao, Basque Country, Spain

Start-End date: 22/12/2014 - 21/12/2017

Total amount: 20.000 €



- 7** **Name of the project:** Diseño computacional, síntesis y caracterización de nuevos polímeros de coordinación porosos, luminiscentes y magnéticos para la purificación y almacenaje de hidrógeno molecular
Entity where project took place: Universidad del País Vasco **Type of entity:** University
City of entity: Donostia, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Jose Manuel Seco; Eider SanSebastian; Itziar Oyarzabal; Javier Cepeda Ruiz
Nº of researchers: 5
Funding entity or bodies: Universidad del País Vasco **Type of entity:** University
City funding entity: Bilbao, Basque Country, Spain
Start-End date: 01/09/2016 - 30/09/2017
Total amount: 61.286 €
- 8** **Name of the project:** NUEVAS APROXIMACIONES PARA EL DESARROLLO DE MATERIALES POROSOS Y CONDUCTORES BASADOS EN SISTEMAS HIBRIDOS METAL-NUCLEOBASE
Entity where project took place: Universidad del País Vasco **Type of entity:** University
City of entity: Leioa, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Oscar Castillo García; Antonio Luque Arrebola; Garikoitz Beobide Pacheco; Pascual Román Polo; Javier Cepeda Ruiz
Funding entity or bodies: Ministerio de Economía y Competitividad **Type of entity:** State agency
Start-End date: 01/01/2014 - 31/12/2016
Total amount: 180.653 €
- 9** **Name of the project:** Materiales Activos, Multifuncionales o Inteligentes y sus Aplicaciones
Entity where project took place: Universidad del País Vasco **Type of entity:** University
City of entity: Leioa, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Oscar Castillo García; Antonio Luque Arrebola; Garikoitz Beobide Pacheco; Pascual Román Polo; Javier Cepeda Ruiz
Funding entity or bodies: Universidad del País Vasco **Type of entity:** University
City funding entity: Bilbao, Basque Country, Spain
Start-End date: 01/11/2011 - 31/12/2015
- 10** **Name of the project:** Nuevas aproximaciones para el desarrollo de materiales porosos y conductores basados en sistemas híbridos metal-nucleobase
Entity where project took place: Universidad del País Vasco **Type of entity:** University
City of entity: Leioa, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Juan Manuel Gutierrez Zorrilla; Oscar Castillo García; Antonio Luque Arrebola; Garikoitz Beobide Pacheco; Pascual Román Polo; Sonia Pérez Yáñez; Javier Cepeda Ruiz; Beñat Artetxe Arretxe
Funding entity or bodies: Gobierno Vasco **Type of entity:** Departamento de Educación, Universidades e Investigación
City funding entity: Spain
Start-End date: 01/01/2010 - 31/12/2015
Total amount: 314.500 €



- 11 Name of the project:** Nuevos Materiales Magnéticos Funcionales Basados en Compuestos de Coordinación. Diseño, Síntesis y Procesamiento de Moléculas Imán Luminescentes, Agentes de Contraste en Resonancia Magnética de Imagen y Nanorrefrigerantes
Entity where project took place: Universidad del País Vasco **Type of entity:** University
City of entity: Leioa, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Jose Manuel Seco Botana; Montserrat Barquin; Itziar Oyarzabal Epelde; Javier Cepeda Ruiz
Funding entity or bodies: Universidad del País Vasco **Type of entity:** University
City funding entity: Bilbao, Basque Country, Spain
Start-End date: 09/10/2014 - 22/12/2014
Total amount: 7.392 €
- 12 Name of the project:** Selectividad de adsorción en materiales porosos metal-nucleobase
Entity where project took place: Universidad del País Vasco **Type of entity:** University
City of entity: Leioa, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Antonio Luque Arrebola; Oscar Castillo García; Garikoitz Beobide Pacheco; Javier Cepeda Ruiz; Mónica Lanchas González; Sonia Pérez Yañez; Pascual Román Polo
Funding entity or bodies: Gobierno Vasco **Type of entity:** Departamento de Desarrollo, Economía y Competitividad
City funding entity: Spain
Start-End date: 01/01/2013 - 31/12/2013
- 13 Name of the project:** Materiales de estructura abierta formados por sistemas híbridos metal-nucleobase
Entity where project took place: Universidad del País Vasco **Type of entity:** University
City of entity: Leioa, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Antonio Luque Arrebola; Garikoitz Beobide Pacheco; Javier Cepeda Ruiz; Mónica Lanchas González; Oscar Castillo García; Pascual Román Polo
Funding entity or bodies: Gobierno Vasco **Type of entity:** Departamento de Desarrollo, Economía y Competitividad
City funding entity: Spain
Start-End date: 01/01/2012 - 31/12/2013
- 14 Name of the project:** Reconocimiento molecular y nanoprocesabilidad de sistemas de elevada dimensionalidad formados por la interacción entre moléculas de interés biológico y complejos metal-dicarboxilato
Entity where project took place: Universidad del País Vasco **Type of entity:** University
City of entity: Leioa, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Pascual Román Polo; Oscar Castillo García; Antonio Luque Arrebola; Javier Cepeda Ruiz; Sonia Pérez Yañez
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** Subdirección General de Proyectos de Investigación



City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 01/02/2009 - 30/11/2011

- 15 Name of the project:** Estudio de interacciones estructurales y magnéticas en complejos metálicos polinucleares basados en aniones dicarboxilato y otras moléculas de interés biológico
- Entity where project took place:** Universidad del País Vasco **Type of entity:** University
- City of entity:** Leioa, Basque Country, Spain
- Name principal investigator (PI, Co-PI....):** Pascual Román Polo; Oscar Castillo García; Antonio Luque Arrebola; Javier Cepeda Ruiz; Sonia Pérez Yáñez
- Funding entity or bodies:** MINISTERIO DE EDUCACION Y CIENCIA
- City funding entity:** Spain
- Start-End date:** 01/12/2005 - 30/11/2008

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

Name of the project: Regeneración y eliminación de residuos de fresado químico y mecanizado electroquímico

Type of project: Industrial research

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Industria de Turbo Propulsores, S.A. **Type of entity:** Business

Name principal investigator (PI, Co-PI....): Juan Manuel Gutiérrez-Zorrilla

N° of researchers: 5

Participating entity/entities: Industria de Turbo Propulsores, S.A. ; University of the Basque Country (UPV/EHU)

Start date: 02/06/2008

Duration: 1 year - 1 month

Total amount: 10.304 €

Results

Industrial and intellectual property

Title registered industrial property: Complejos Metálicos Anti-inflamatorios de Gadolinio Basados en Diclofenaco

Inventors/authors/obtainers: Antonio Rodríguez Diéguez; Fernando Reyes Zurita; Juan Antonio Lupiáñez; María Belén Fernández López; José Manuel Seco Botana; Javier Cepeda; Eider San Sebastian; Estitxu Echenique Errandonea; Itziar Oyarzabal

Entity holder of rights: University of Granada

Country of inscription: Spain, Andalusia

Date of register: 18/09/2017



Scientific and technological activities

Scientific production

H index: 18

Date of application: 12/07/2019

Publications, scientific and technical documents

- 1** Oier Pajuelo Corral; Antonio Rodríguez Diéguez; Garikoitz Beobide; Sonia Pérez Yáñez; Jose Angel García; Eider San Sebastian; Jose Manuel Seco; Javier Cepeda. Alkaline-earth and aminonicotinate based coordination polymers with combined fluorescence/long-lasting phosphorescence and metal ion sensing response. *Journal of Materials Chemistry C*. 7, pp. 6997 - 7012. Royal Society of Chemistry, 13/06/2019.

DOI: 10.1039/C9TC01300H

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

Position of signature: 8

Total no. authors: 8 **Corresponding author:** Yes

Relevant publication: Yes
- 2** Juan Pablo García Terán; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez Yáñez; Pascual Román. Supramolecular architectures of metal-oxalato coordination polymers bearing N-tethered adenine nucleobases. *Polyhedron*. Elsevier, 12/07/2019.

DOI: 10.1016/j.poly.2019.07.001

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

Position of signature: 4

Total no. authors: 7 **Corresponding author:** No
- 3** Cristina Ruiz; Antonio García Valdivia; Belén Fernández; Javier Cepeda; Itziar Oyarzabal; Elisa Abas; Mariano Laguna; Jose Angel García; Ignacio Fernández; Eider San Sebastian; Antonio Rodríguez Diéguez. Multifunctional coordination compounds based on lanthanide ions and 5-bromonicotinic acid: magnetic, luminescence and anti-cancer properties. *CrystEngComm*. 21, pp. 3881 - 3890. Royal Society of Chemistry, 22/05/2019.

DOI: 10.1039/C9CE00292H

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 11 **Corresponding author:** No
- 4** Estitxu Echenique Errandonea; Andoni Zabala Lekuona; Javier Cepeda; Antonio Rodríguez Diéguez; Jose Manuel Seco; Itziar Oyarzabal; Enrique Colacio. Effect of the change of the ancillary carboxylate bridging ligand on the SMM and luminescence properties of a series of carboxylate-diphenoxido triply bridged dinuclear ZnLn and tetranuclear Zn₂Ln₂ complexes (Ln = Dy, Er). *Dalton Transactions*. 48, pp. 190 - 201. Royal Society of Chemistry, 01/01/2019.

DOI: 10.1039/C8DT03800G

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

Position of signature: 3

Total no. authors: 7 **Corresponding author:** No



- 5** Jose Manuel Seco; Eider San Sebastian; Javier Cepeda; Blanca Biel; Alfonso Salinas-Castillo; Belén Fernández; Diego P. Morales; Marco Bobinger; Santiago Gómez-Ruiz; Florin C. Loghin; Almudena Rivadeneyra; Antonio Rodríguez Dieguez. A Potassium Metal-Organic Framework based on Perylene-3,4,9,10-tetracarboxylate as Sensing Layer for Humidity Actuators. *Scientific Reports*. 8, pp. 14414. Nature Publishing Group, 2018.

DOI: 10.1038/s41598-018-32810-7

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Total no. authors: 12

Corresponding author: No

Impact source: ISI

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Impact index in year of publication: 4.122

Journal in the top 25%: Yes

Position of publication: 12

No. of journals in the cat.: 64

Source of citations: WOS

Citations: 0

- 6** David Briones; Pedro Leo; Javier Cepeda; Gisela Orcajo; Guillermo Calleja; Raul Sanz; Antonio Rodríguez Dieguez; Fernando Martínez. Alkaline-earth metal based MOFs with second scale long-lasting phosphor behavior. *CrystEngComm*. 20, pp. 4793 - 4803. Royal Society of Chemistry, 2018.

DOI: 10.1039/C8CE00479J

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Total no. authors: 8

Corresponding author: Yes

Impact source: ISI

Category: Science Edition - CRYSTALLOGRAPHY

Impact index in year of publication: 3.849

Journal in the top 25%: Yes

Position of publication: 5

No. of journals in the cat.: 26

Source of citations: WOS

Citations: 0

- 7** Oier Pajuelo Corral; Antonio Rodríguez Diéguez; Jose Angel Garcia; Eider San Sebastián; Jose Manuel Seco; Javier Cepeda. Chiral coordination polymers based on d10 metals and 2-aminonicotinate with blue fluorescent/green phosphorescent anisotropic emissions. *Dalton Transactions*. 47, pp. 8746 - 8754. Royal Society of Chemistry, 2018.

DOI: 10.1039/c8dt01159a

Type of production: Scientific paper

Format: Journal

Position of signature: 6

Total no. authors: 6

Corresponding author: Yes

Impact source: ISI

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 4.029

Journal in the top 25%: Yes

Position of publication: 7

No. of journals in the cat.: 46

Source of citations: WOS

Citations: 0

- 8** Eider SanSebastian; Antonio Rodríguez-Diéguez; Jose M. Seco; Javier Cepeda. Coordination Polymers with Intriguing Photoluminescence Behavior: the Promising Avenue for Greatest Long-Lasting Phosphors. *European Journal of Inorganic Chemistry*. pp. 2155 - 2174. Wiley, 2018.

DOI: 10.1002/ejic.201800124

Type of production: Scientific paper

Format: Journal

Position of signature: 4

Total no. authors: 4

Corresponding author: Yes

Impact source: ISI

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Impact index in year of publication: 2.444

Position of publication: 13

Source of citations: WOS

Journal in the top 25%: No

No. of journals in the cat.: 46

Citations: 0

- 9** Ana Belén Ruiz Muelle; Amalia García García; Antonio A. García Valdivia; Itziar Oyarzabal; Javier Cepeda; Jose Manuel Seco; Enrique Colacio; Antonio Rodríguez Diéguez; Ignacio Fernández. Design and synthesis of a family of 1D-lanthanide-coordination polymers showing luminescence and slow relaxation of the magnetization. Dalton Transactions. 47, pp. 12783 - 12794. Royal Society of Chemistry, 2018.

DOI: 10.1039/C8DT02592D

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 4.029

Position of publication: 7

Source of citations: WOS

Format: Journal

Corresponding author: Yes

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 46

Citations: 0

- 10** Atmanto Heru Wibowo; Yesi Ihdina Fityatal Hasanah; Maulidan Firdaus; Dian Maruto Widjonarko; Javier Cepeda. Efficient CO₂ adsorption by Cu(II) acetate and itaconate bioproduct based MOF. Journal of Environmental Chemical Engineering. 6 - 2, pp. 2910 - 2917. 2018. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S2213343718302100>>. ISSN 2213-3437

Type of production: Scientific paper

Format: Journal

- 11** Belén Fernández; Ignacio Fernández; Javier Cepeda; Marta Medina-O'Donnell; Eva E. Rufino-Palomares; Álvaro Raya-Barón; Santiago Gómez-Ruiz; Amalia Pérez-Jiménez; José Antonio Lupiáñez; Fernando J. Reyes-Zurita; Antonio Rodríguez-Diéguez. Modulating Anticancer Potential by Modifying the Structural Properties of a Family of Zinc Metal–Organic Chains Based on 4-Nitro-1H-pyrazole. Crystal Growth & Design. 18 - 2, pp. 969 - 978. 2018. Available on-line at: <<https://doi.org/10.1021/acs.cgd.7b01443>>.

Type of production: Scientific paper

Format: Journal

Corresponding author: No

- 12** Javier Cepeda; Manuel Pérez Mendoza; Antonio Jose Calahorro; Nicola Casati; Jose Manuel Seco; Marta Aragonés Anglada; Peyman Z. Moghadam; David Fairen Jimenez; Antonio Rodriguez Dieguez. Modulation of pore shape and adsorption selectivity by ligand functionalization in a series of “rob”-like flexible metal–organic frameworks. Journal of Materials Chemistry A. 6, pp. 17409 - 17416. Royal Society of Chemistry, 2018.

DOI: 10.1039/C8TA04316G

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 9.931

Position of publication: 14

Source of citations: WOS

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 146

Citations: 0

- 13** Amalia García-García; Itziar Oyarzabal Epelde; Javier Cepeda; Jose Manuel Seco; Antonio A. García-Valdivia; Santiago Gómez-Ruiz; Alfonso Salinas-Castillo; Duane Choquesillo-Lazarte; Antonio Rodriguez Dieguez. Slow relaxation of magnetization and luminescence properties of a novel dysprosium and pyrene-1,3,6,8-tetrakisulfonate based MOF. New Journal of Chemistry. 41, pp. 5467 - 5475. Royal Society of Chemistry, 2018.



DOI: 10.1039/c7nj00794a

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 3.269

Position of publication: 52

Source of citations: WOS

Format: Journal

Corresponding author: Yes

Category: Chemistry (miscellaneous)

Journal in the top 25%: No

No. of journals in the cat.: 166

Citations: 0

- 14** Atmanto Heru Wibowo; Yetti Suryandari; Abu Masykur; Sonia Pérez-Yáñez; Antonio Rodríguez Dieguez; Javier Cepeda. Zinc/Itaconate Coordination Polymers as First Examples with Long-Lasting Phosphorescence Based on Acyclic Ligands. *Journal of Materials Chemistry C*, 6, pp. 10870 - 10880. Royal Society of Chemistry, 2018.

DOI: 10.1039/c8tc03598a

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 5.976

Position of publication: 42

Source of citations: WOS

Format: Journal

Corresponding author: Yes

Category: Science Edition - MATERIALS SCIENCE, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 285

Citations: 0

- 15** Jose M. Seco; Sonia Pérez- Yáñez; David Briones; Jose A. García; Javier Cepeda; Antonio Rodríguez- Diéguez. Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based Metal-Organic Frameworks. *Crystal Growth and Design (Cryst. Growth Des.)*, 17, pp. 2893 - 3906. American Chemical Society, 2017.

DOI: 10.1021/acs.cgd.7b00522

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 4.055

Position of publication: 50

Source of citations: WOS

Format: Journal

Corresponding author: Yes

Category: Science Edition - MATERIALS SCIENCE, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 275

Citations: 10

- 16** Antonio A. García-Valdivia; Jose M. Seco; Javier Cepeda; Antonio Rodríguez-Diéguez. Designing Single-Ion Magnets and Phosphorescent Materials with 1-Methylimidazole-5-carboxylate and Transition-Metal Ions. *Inorganic Chemistry*, 56 - 22, pp. 13897 - 13912. 2017. Available on-line at: <<https://doi.org/10.1021/acs.inorgchem.7b02020>>.

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 4

Format: Journal

Corresponding author: Yes

- 17** Jose Manuel Seco; Antonio Rodríguez Dieguez; Daniel Padro; Jesus M. Ugalde; Jose A. García; Eider San Sebastian; Javier Cepeda. Experimental and Theoretical Study of a Cadmium Coordination Polymer Based on Aminonicotinate with Second-Timescale Blue/Green Photoluminescent Emission. *Inorganic Chemistry*, 56, pp. 3149 - 3152. American Chemical Society, 2017.

DOI: 10.1021/acs.inorgchem.7b00110

Type of production: Scientific paper
Position of signature: 7
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 4.820
Position of publication: 4
Source of citations: WOS

Format: Journal

Corresponding author: Yes
Category: Inorganic Chemistry
Journal in the top 25%: Yes
No. of journals in the cat.: 46
Citations: 0

- 18** Antonio Rodriguez Dieguez; Sonia Pérez-Yáñez; Leire Ruiz Rubio; Jose Manuel Seco; Javier Cepeda. From isolated to 2D Coordination Polymers based on 6-aminonicotinate and 3d-Metal Ions: Towards Field-Induced Single-Ion-Magnets. CrystEngComm. 19, pp. 2229 - 2242. Royal Society of Chemistry, 2017.

DOI: 10.1039/C7CE00234C

Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 3.849
Position of publication: 5
Source of citations: WOS

Format: Journal

Corresponding author: Yes
Category: Science Edition - CRYSTALLOGRAPHY
Journal in the top 25%: Yes
No. of journals in the cat.: 26
Citations: 0

- 19** Estitxu Echenique Errandonea; Itziar Oyarzabal Epelde; Javier Cepeda; Eider San Sebastian; Antonio Rodriguez Dieguez; Jose Manuel Seco. Photoluminescence and magnetic analysis of a family of lanthanide(III) complexes based on diclofenac. New Journal of Chemistry. 41, pp. 5467 - 5475. Royal Society of Chemistry, 2017.

DOI: 10.1039/c7nj00794a

Type of production: Scientific paper
Position of signature: 3
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.269
Position of publication: 52
Source of citations: WOS

Format: Journal

Corresponding author: No
Category: Chemistry (miscellaneous)
Journal in the top 25%: No
No. of journals in the cat.: 166
Citations: 0

- 20** Andoni Zabala Lekuona; Javier Cepeda; Itziar Oyarzabal; Antonio Rodriguez Dieguez; Jose Angel García; Jose Manuel Seco; Enrique Colacio. Rational design of triple-bridged dinuclear ZnIIInIII-based complexes: a structural, magnetic and luminescence study. CrystEngComm. 19, pp. 256 - 264. Royal Society of Chemistry, 2017.

DOI: 10.1039/c6ce02240e

Type of production: Scientific paper
Position of signature: 2
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.849
Position of publication: 37
Source of citations: WOS

Format: Journal

Corresponding author: No
Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 163
Citations: 0



- 21** Javier Cepeda; Garikoitz Beobide; Oscar Castillo; Antonio Luque; Sonia Pérez- Yáñez. Structural diversity of coordination compounds derived from double-chelating and planar diazinedicarboxylate ligands. *Coordination Chemistry Reviews (Coord. Chem. Rev.)*. 352, pp. 83 - 107. Elsevier Science SA, 2017.
DOI: 10.1016/j.ccr.2017.08.025
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 13.324
Position of publication: 1
Source of citations: WOS
Format: Journal
Corresponding author: Yes
Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 45
Citations: 0
- 22** Javier Cepeda; Eider SanSebastian; Daniel Padro; Antonio Rodriguez Dieguez; Jose Angel Garcia; Jesus M. Ugalde; Jose Manuel Seco. A Zn based coordination polymer exhibiting long-lasting phosphorescence. *Chemical Communications*. 52, pp. 8671 - 8674. Royal Society of Chemistry, 2016.
DOI: 10.1039/c6cc03242g
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 6.567
Position of publication: 21
Source of citations: WOS
Format: Journal
Corresponding author: Yes
Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 163
Citations: 0
- 23** Belen Fernandez; Garikoitz Beobide; Ignacio Sanchez; Francisco Carrasco Marín; Jose Manuel Seco; Antonio Jose Calahorra; Javier Cepeda; Antonio Rodriguez Dieguez. Controlling interpenetration for tuning porosity and luminescence properties of flexible MOFs based on biphenyl-4,4'-dicarboxylic acid. *CrystEngComm*. 18, pp. 1282 - 1294. Royal Society of Chemistry, 2016.
DOI: 10.1039/c5ce02036k
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 3.849
Position of publication: 37
Source of citations: WOS
Format: Journal
Corresponding author: Yes
Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 163
Citations: 2
- 24** Jose Manuel Seco; Itziar Oyarzabal; Sonia Perez Yáñez; Javier Cepeda; Antonio Rodriguez Dieguez. Designing Multifunctional 5-cyanoisophthalate Based Coordination Polymers as Single-Molecule Magnets, Adsorbents, and Luminescent Materials. *Inorganic Chemistry*. 55, pp. 11230 - 11246. American Chemical Society, 2016.
DOI: 10.1021/acs.inorgchem.6b01845
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 5
Impact source: ISI
Format: Journal
Corresponding author: Yes
Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

**Impact index in year of publication:** 4.820**Position of publication:** 4**Source of citations:** WOS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 45**Citations:** 0

- 25** Javier Cepeda; Sonia Perez Yañez; Garikoitz Beobide; Oscar Castillo; Eider Goikolea; Frederic Aguesse; Leoncio Garrido; Antonio Luque; Paul Anthony Wright. Scandium/Alkaline Metal–Organic Frameworks: Adsorptive Properties and Ionic Conductivity. *Chemistry of Materials*. 28, pp. 2519 - 2528. American Chemical Society, 2016.

DOI: 10.1021/acs.chemmater.5b03458**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 9.407**Position of publication:** 15**Source of citations:** WOS**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 271**Citations:** 0

- 26** Itziar Oyarzabal; Belen Fernandez; Javier Cepeda; Antonio Jose Calahorro; Jose Manuel Seco; Antonio Rodriguez Dieguez. Slow relaxation of magnetization in 3D-MOFs based on dysprosium dinuclear entities bridged by dicarboxylic linkers. *CrystEngComm*. 18, pp. 3055 - 3063. Royal Society of Chemistry, 2016.

DOI: 10.1039/c6ce00318d**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 3.849**Position of publication:** 37**Source of citations:** WOS**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 163**Citations:** 0

- 27** Javier Cepeda; Antonio Rodriguez Dieguez. Tuning the luminescence performance of metal–organic frameworks based on d10 metal ions: from an inherent versatile behaviour to their response to external stimuli. *CrystEngComm*. 18, pp. 8556 - 8573. Royal Society of Chemistry, 2016.

DOI: 10.1039/c6ce01706a**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 2**Impact source:** ISI**Impact index in year of publication:** 3.849**Position of publication:** 37**Source of citations:** WOS**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 163**Citations:** 0

- 28** Javier Cepeda; Sonia Pérez- Yañez; Garikoitz Beobide; Oscar Castillo; Jose Angel Garcia; Monica Lanchas; Antonio Luque. Enhancing luminescence properties of lanthanide(III)/pyrimidine-4,6-dicarboxylato system by solvent-free approach. *Dalton Transactions*. 44, pp. 6972 - 6986. Royal Society of Chemistry, 2015.

DOI: 10.1039/c4dt03797a**Type of production:** Scientific paper**Format:** Journal

Position of signature: 1

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 4.177

Position of publication: 10

Source of citations: WOS

Corresponding author: Yes

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 46

Citations: 3

- 29** Javier Cepeda; Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Antonio Luque; Paul Anthony Wright; Scott Sneddon; Shanon E. Ashbrook. Exploiting synthetic conditions to promote structural diversity within the scandium(III)/pyrimidine-4,6-dicarboxylate system. *Crystal Growth and Design*. 15, pp. 2352 - 2363. American Chemical Society, 2015.

DOI: 10.1021/acs.cgd.5b00154

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 4.425

Position of publication: 31

Source of citations: WOS

Format: Journal

Corresponding author: Yes

Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 163

Citations: 2

- 30** Jose Manuel Seco; Antonio Jose Calahorra; Javier Cepeda; Antonio Rodriguez Dieguez. Modulating structural dimensionality of cadmium(II) coordination polymers by means of pyrazole, tetrazole and pyrimidine derivative ligands. *Journal of Molecular Structure*. 1089, pp. 135 - 145. Elsevier, 2015.

DOI: 10.1016/j.molstruc.2015.02.047

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 1.780

Position of publication: 94

Source of citations: WOS

Format: Journal

Corresponding author: Yes

Category: Science Edition - CHEMISTRY, PHYSICAL

Journal in the top 25%: No

No. of journals in the cat.: 144

Citations: 1

- 31** Javier Cepeda; Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Jose Angel Garcia; Antonio Luque. Photoluminescence Modulation in Lanthanide(III)/Pyrazine-2,5- dicarboxylato/Nitrato Frameworks. *European Journal of Inorganic Chemistry*. pp. 4318 - 4328. Wiley, 2015.

DOI: 10.1002/ejic.201500090

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.686

Position of publication: 12

Source of citations: WOS

Format: Journal

Corresponding author: Yes

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: No

No. of journals in the cat.: 46

Citations: 1



- 32** Javier Cepeda; Sonia Pérez Yáñez; Garikoitz Beobide; Oscar Castillo; Jose Angel Garcia; Antonio Luque. Photoluminescence tuning and water detection of yttrium diazinedicarboxylate materials through lanthanide doping. *European Journal of Inorganic Chemistry*. pp. 2650 - 2663. Wiley, 2015.
DOI: 10.1002/ejic.201500090
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.686
Position of publication: 12
Source of citations: WOS
Format: Journal
Corresponding author: Yes
Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 46
Citations: 1
- 33** Belen Fernandez; Jose Manuel Seco; Javier Cepeda; Antonio Jose Calahorro; Antonio Rodriguez Dieguez. Tuning the Porosity through Interpenetration on Azobenzene-4,4'-Dicarboxylate based Metal-Organic Frameworks. *CrystEngComm*. 18, pp. 7636 - 7645. Royal Society of Chemistry, 2015.
DOI: 10.1039/c5ce01521a
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 3.849
Position of publication: 37
Source of citations: WOS
Format: Journal
Corresponding author: Yes
Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 163
Citations: 0
- 34** Javier Cepeda; Sonia Pérez- Yáñez. Modulating the MII/Pyrimidine-4,6-dicarboxylato System by Metal, Solvent and Temperature Variation. *European Journal of Inorganic Chemistry (Eur. J. Inorg. Chem.)*. 20, pp. 3221 - 3234. Wiley VCH Verlag GMBH, 2014.
DOI: 10.1002/ejic.201402269
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 2.942
Position of publication: 9
Source of citations: WOS
Format: Journal
Corresponding author: Yes
Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR
Journal in the top 25%: Yes
No. of journals in the cat.: 45
Citations: 5
- 35** Javier Cepeda; Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Michael Fischer; Antonio Luque; Paul Anthony Wright. Porous MII/Pyrimidine-4,6-dicarboxylato Neutral Frameworks: Synthesis Influence on the Adsorption Capacity and Evaluation of CO₂-Adsorbent Interactions. *Chemistry – A European Journal (Chem. Eur. J.)*. 20, pp. 1554 - 1568. Wiley VCH Verlag GMBH, 2014.
DOI: 10.1002/chem.201303627
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 7
Impact source: ISI
Format: Journal
Corresponding author: Yes
Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

**Impact index in year of publication:** 5.731**Position of publication:** 22**Source of citations:** WOS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 157**Citations:** 12

- 36** Mónica Lanchas; Sandra Arcediano; Andres T. Aguayo; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Daniel Vallejo Sánchez; Antonio Luque. Two appealing alternatives for MOFs synthesis: solvent-free oven heating vs. microwave heating. *RSC Advances*. 4, pp. 60409 - 60412. Royal Society of Chemistry, 2014.

DOI: 10.1039/c4ra09743b**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 3.840**Position of publication:** 33**Source of citations:** WOS**Format:** Journal**Corresponding author:** No**Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 157**Citations:** 5

- 37** Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jinhua Thomas- Gipson. Metal-carboxylato-nucleobase systems: from supramolecular assemblies to 3D porous materials. *Coordination Chemistry Reviews (Coord. Chem. Rev.)*. 257, pp. 2716 - 2736. Elsevier Science SA, 2013.

DOI: 10.1016/j.ccr.2013.03.011**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 12.098**Position of publication:** 1**Source of citations:** WOS**Format:** Journal**Corresponding author:** No**Category:** Science Edition - CHEMISTRY, INORGANIC & NUCLEAR**Journal in the top 25%:** Yes**No. of journals in the cat.:** 45**Citations:** 20

- 38** Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Pascual Román. Structural diversity in copper(II)/isophthalato/9-methyladenine system. From 1D to 3D metal-biomolecule frameworks. *Crystal Growth and Design (Cryst. Growth Des.)*. 13, pp. 3057 - 3067. American Chemical Society, 2013.

DOI: 10.1021/cg400458a**Type of production:** Scientific paper**Position of signature:** 4**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 4.558**Position of publication:** 26**Source of citations:** WOS**Format:** Journal**Corresponding author:** No**Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 148**Citations:** 10

- 39** Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Pascual Román. Directing the formation of adenine coordination polymers from tunable copper(II)/dicarboxylato/adenine paddle-wheel building units. *Crystal Growth and Design (Cryst. Growth Des.)*. 12, pp. 3324 - 3334. American Chemical Society, 2012.

DOI: 10.1021/cg300446d

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 4.689

Position of publication: 26

Source of citations: WOS

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 152

Citations: 22

- 40** Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Michael Fischer; Frank Hoffmann; Michael Fröba; Javier Cepeda; Antonio Luque. Gas adsorption properties and selectivity in CuII/adeninato/carboxylato Metal-Biomolecule Frameworks. *European Journal of Inorganic Chemistry* (Eur. J. Inorg. Chem.). pp. 5921 - 5933. Wiley VCH Verlag GMBH, 2012.

DOI: 10.1002/ejic.201201028

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 3.120

Position of publication: 11

Source of citations: WOS

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 44

Citations: 9

- 41** Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Michael Fröba; Frank Hoffmann; Antonio Luque; Pascual Román. Improving the performance of a poorly adsorbing porous material: Template mediated addition of microporosity to a crystalline submicroporous MOF. *Chemical Communications* (Chem. Commun.). 48, pp. 907 - 909. Royal Society of Chemistry, 2012.

DOI: 10.1039/c1cc15589j

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 6.378

Position of publication: 19

Source of citations: WOS

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 152

Citations: 8

- 42** Javier Cepeda; Garikoitz Beobide; Oscar Castillo; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. Structure-directing effect of organic cations in the assembly of anionic In(III)/diazinedicarboxylate architectures. *Crystal Growth and Design* (Cryst. Growth Des.). 12, pp. 1501 - 1512. American Chemical Society, 2012.

DOI: 10.1021/cg201572y

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 4.689

Position of publication: 26

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 152

**Source of citations:** WOS**Citations:** 20

- 43** Javier Cepeda; Rolindes Balda; Garikoitz Beobide; Oscar Castillo; Joaquín Fernández; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. Synthetic control to achieve lanthanide(III)/pyrimidine-4,6-dicarboxylate compounds by preventing oxalate formation: structural, magnetic, and luminescent properties. *Inorganic Chemistry (Inorg. Chem.)*. 51, pp. 7875 - 7888. American Chemical Society, 2012.

DOI: 10.1021/ic3009392**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 8**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - CHEMISTRY, INORGANIC & NUCLEAR**Impact index in year of publication:** 4.593**Journal in the top 25%:** Yes**Position of publication:** 5**No. of journals in the cat.:** 44**Source of citations:** WOS**Citations:** 29

- 44** Javier Cepeda; Rolindes Balda; Garikoitz Beobide; Oscar Castillo; Joaquín Fernández; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Daniel Vallejo- Sánchez. Lanthanide(III)/pyrimidine-4,6-dicarboxylate/oxalate extended frameworks: a detailed study based on the lanthanide contraction and temperature effects. *Inorganic Chemistry (Inorg. Chem.)*. 50, pp. 8437 - 8451. American Chemical Society, 2011.

DOI: 10.1021/ic201013v**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 9**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - CHEMISTRY, INORGANIC & NUCLEAR**Impact index in year of publication:** 4.601**Journal in the top 25%:** Yes**Position of publication:** 4**No. of journals in the cat.:** 44**Source of citations:** WOS**Citations:** 39

- 45** Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Daniel Vallejo- Sánchez. Low-nuclearity Mn(II) complexes based on pyrimidine-4,6-dicarboxylate bridging ligand: crystal structure, ion exchange and magnetic properties. *European Journal of Inorganic Chemistry (Eur. J. Inorg. Chem.)*. pp. 68 - 77. Wiley-Blackwell, 2011.

DOI: 10.1002/ejic.201000708**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Total no. authors:** 7**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - CHEMISTRY, INORGANIC & NUCLEAR**Impact index in year of publication:** 3.049**Journal in the top 25%:** No**Position of publication:** 12**No. of journals in the cat.:** 44**Source of citations:** WOS**Citations:** 11

- 46** Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Andrés T. Aguayo; Pascual Román. Open-framework copper adeninate compounds with three-dimensional microchannels tailored by aliphatic monocarboxylic acids. *Inorganic Chemistry (Inorg. Chem.)*. 50, pp. 5330 - 5332. American Chemical Society, 2011.

DOI: 10.1021/ic200560b

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 4.601

Position of publication: 4

Source of citations: WOS

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 44

Citations: 20

- 47** Jintha Thomas- Gipson; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez-Yáñez; Andrés T. Aguayo; Pascual Román. Porous supramolecular compound based on paddle-wheel shaped copper(II)-adenine dinuclear entities. *CrystEngComm*. 13, pp. 3301 - 3305. Royal Society of Chemistry, 2011.

DOI: 10.1039/c1ce05195d

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 3.842

Position of publication: 31

Source of citations: WOS

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 154

Citations: 15

- 48** Sonia Pérez- Yáñez; Oscar Castillo; Javier Cepeda; Juan Pablo García- Terán; Antonio Luque; Pascual Román. Supramolecular architectures of metal oxalato-complexes containing purine nucleobases. *Inorganica Chimica Acta (Inorg. Chim. Acta)*. 365, pp. 211 - 219. Elsevier Science SA, 2011.

DOI: 10.1016/j.ica.2010.09.012

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 1.846

Position of publication: 23

Source of citations: WOS

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: No

No. of journals in the cat.: 44

Citations: 24

- 49** Urko García- Couceiro; Oscar Castillo; Javier Cepeda; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Daniel Vallejo- Sánchez. Influence of the synthetic conditions on the structural diversity of extended manganese-oxalato-1,2-bis(4-pyridil)ethylene systems. *Inorganic Chemistry (Inorg. Chem.)*. 49, pp. 11346 - 11361. American Chemical Society, 2010.

DOI: 10.1021/ic100928t

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 4.326

Position of publication: 5

Source of citations: WOS

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 43

Citations: 17



- 50** Sonia Pérez- Yáñez; Oscar Castillo; Javier Cepeda; Juan Pablo García- Terán; Antonio Luque; Pascual Román. Analysis of the interaction between adenine nucleobase and metal-malonato complexes. *European Journal of Inorganic Chemistry* (Eur. J. Inorg. Chem.). pp. 3889 - 3899. Wiley-Blackwell, 2009.
DOI: 10.1002/ejic.200900124
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 6 **Corresponding author:** No
Impact source: ISI **Category:** Science Edition - CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.941 **Journal in the top 25%:** Yes
Position of publication: 11 **No. of journals in the cat.:** 44
Source of citations: WOS **Citations:** 23
- 51** Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. Condensed heterometallic bidimensional mixed valence CuI/CuII/NiII cyanidometallate. *Dalton Transactions* (Dalton Trans.). pp. 9722 - 9724. Royal Society of Chemistry, 2009.
DOI: 10.1039/b915284a
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 6 **Corresponding author:** No
Impact source: ISI **Category:** Science Edition - CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 4.081 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 44
Source of citations: WOS **Citations:** 3
- 52** Urko García- Couceiro; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. Structural and magnetic characterization of one-dimensional oxalato-bridged metal(II) complexes with 4-amino-3,5-bis(2-pyridyl)-1,2,4-triazole ligand. A supramolecular open-framework. *Inorganica Chimica Acta* (Inorg. Chim. Acta). 362, pp. 4212 - 4218. Elsevier Science SA, 2009.
DOI: 10.1016/j.ica.2009.06.026
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 6 **Corresponding author:** No
Impact source: ISI **Category:** Science Edition - CHEMISTRY, INORGANIC & NUCLEAR
Impact index in year of publication: 2.322 **Journal in the top 25%:** No
Position of publication: 17 **No. of journals in the cat.:** 44
Source of citations: WOS **Citations:** 9
- 53** Javier Cepeda; Oscar Castillo; Juan Pablo García- Terán; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. Supramolecular architectures and magnetic properties of self-assembled windmill-like dinuclear copper(II) complexes with purine ligands. *European Journal of Inorganic Chemistry* (Eur. J. Inorg. Chem.). pp. 2344 - 2353. Wiley-Blackwell, 2009.
DOI: 10.1002/ejic.200900090
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 6 **Corresponding author:** No



Impact source: ISI

Impact index in year of publication: 2.941

Position of publication: 11

Source of citations: WOS

Category: Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

Journal in the top 25%: Yes

No. of journals in the cat.: 44

Citations: 14

- 54** Sonia Pérez Yáñez; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Pascual Román. Base nitrogenatuak konposatu metal-organiko porotsuak eraikitzeke: zenbait adibide. Ekaia – Euskal Herriko Unibertsitateko Zientzi eta Teknologi Aldizkaria. Accepted manuscript, UPV/EHU, 2017.
Type of production: Popular science article **Format:** Journal
Corresponding author: No
- 55** Javier Cepeda; Sonia Pérez Yáñez. Funtzio anitzeko polimero metal-organiko porotsuak (MOF): etorkizuneko material adimendunei begira. Ekaia – Euskal Herriko Unibertsitateko Zientzi eta Teknologi Aldizkaria. 31, pp. 105 - 116. UPV/EHU, 2016.
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes
- 56** Javier Cepeda; Sonia Pérez Yáñez; Pascual Román Polo. ¿Moseleyio, moseleyo o moseleyón? Una excelente oportunidad para honrar a Moseley en el centenario de su muerte. Anales de Química. 112, pp. 101 - 106. Real Sociedad Española de Química (ChemPubSoc), 2016.
Type of production: Popular science article **Format:** Journal
Corresponding author: No
- 57** Javier Cepeda; Sonia Pérez Yáñez; Antonio Rodríguez Diéguez. Luminescent Zn/Cd based MOFs and CPs and their applications. Advances in Materials Science Research. Volume 28. Nova Science Publishers, 2017. ISBN 978-1-53610-892-7
Type of production: Book chapter **Format:** Book
Position of signature: 1
Total no. authors: 3 **Corresponding author:** Yes
- 58** Sonia Pérez Yáñez; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque. Supramolecular Metal-Organic Frameworks based on Metal-Nucleobase Entities. Supramolecular Systems: Chemistry, Types and Applications. Nova Science Publishers, 2016. ISBN 978-1-63485-907-3
Type of production: Book chapter
Corresponding author: No

Works submitted to national or international conferences

- 1** **Title of the work:** Does the rigidity of the molecule influence the relaxation dynamics of SMMs based on Dy(III) ion?
Name of the conference: 7th European Conference on Molecular Magnetism
City of event: Florence,
Date of event: 15/09/2019
End date: 18/09/2019
Organising entity: European Conference on Molecular Magnetism **Type of entity:** Associations and Groups
Andoni Zabala Lekuona; Itziar Oyarzabal; Javier Cepeda; Alberto López Ortega; Antonio Rodríguez Diéguez; Jose M. Seco; Enrique Colacio.



- 2** **Title of the work:** Looking for other determinant factors influencing the SMM behaviour in Dy(III) based compounds
Name of the conference: 4th Bordeaux Olivier Kahn Discussions: Molecular Magnetism, toward the next 20 years
City of event: Bourdeaux,
Date of event: 25/06/2019
End date: 28/06/2019
Organising entity: University of Bordeaux **Type of entity:** University
Andoni Zabala Lekuona; Itziar Oyarzabal; Javier Cepeda; Alberto López Ortega; Antonio Rodríguez Diéguez; Jose M. Seco; Enrique Colacio.
- 3** **Title of the work:** En busca de factores determinantes en el comportamiento de SMMs basados en el ion Dy(III)
Name of the conference: XXXVII Reunión Bienal de la Real Sociedad Española de Química
City of event: Donostia-San Sebastián, Basque Country, Spain
Date of event: 26/05/2019
End date: 30/05/2019
Organising entity: Real Sociedad Española de Química **Type of entity:** Real Sociedad
City organizing entity: Basque Country, Spain
Itziar Oyarzabal; Javier Cepeda; Alberto López Ortega; Jose M. Seco; Antonio Rodríguez Diéguez; Enrique Colacio; Andoni Zabala Lekuona. "Poster".
- 4** **Title of the work:** MOFs with gas adsorption and photochemical properties
Name of the conference: XXXVII Reunión Bienal de la Real Sociedad Española de Química
City of event: Donostia-San Sebastián, Basque Country, Spain
Date of event: 26/05/2019
End date: 30/05/2019
Organising entity: Real Sociedad Española de Química **Type of entity:** Real Sociedad
City organizing entity: Basque Country, Spain
Eider San Sebastian; Javier Cepeda; Ricardo Hernández; Garikoitz Beobide; Oscar Castillo; Antonio Rodríguez Diéguez; Jose M. Seco; Uxua Huizi Rayo. "Poster".
- 5** **Title of the work:** New coordination polymers based on nitrogen-rich amino acid derivative ligands
Name of the conference: XXXVII Reunión Bienal de la Real Sociedad Española de Química
City of event: Donostia-San Sebastián, Basque Country, Spain
Date of event: 26/05/2019
End date: 30/05/2019
Organising entity: Real Sociedad Española de Química **Type of entity:** Real Sociedad
City organizing entity: Basque Country, Spain
Javier Cepeda; Antonio Rodríguez Diéguez; Jose M. Seco; Estitxu Echenique Errandonea. "Poster".
- 6** **Title of the work:** Polímeros de coordinación fosforescentes basados en metales alcalinotérreos
Name of the conference: XXXVII Reunión Bienal de la Real Sociedad Española de Química
City of event: Donostia-San Sebastián, Basque Country, Spain
Date of event: 26/05/2019
End date: 30/05/2019
Organising entity: Real Sociedad Española de Química **Type of entity:** Real Sociedad
City organizing entity: Basque Country, Spain



Oier Pajuelo; Eider San Sebastian; Javier Cepeda; Antonio Rodríguez Diéguez; Jose M. Seco. "Poster".

- 7** **Title of the work:** Propiedades luminiscentes y actividad antidiabética de nuevos complejos de zinc basados en 7-amino-5- metil-1,2,4-triazolo[1,5a]pirimidina
Name of the conference: XXXVII Reunión Bienal de la Real Sociedad Española de Química
City of event: Donostia-San Sebastián, Basque Country, Spain
Date of event: 26/05/2019
End date: 30/05/2019
Organising entity: Real Sociedad Española de Química **Type of entity:** Real Sociedad
City organizing entity: Basque Country, Spain
Ginés M. Esteban Parra; Eider San Sebastian; Javier Cepeda; Cristina Sánchez González; Lorenzo Rivas; Juan Llopis; Pilar Aranda; Miguel Quirós; Antonio Rodríguez Diéguez. "Poster".
- 8** **Title of the work:** Diseño y síntesis de nuevos MOFs para el estudio de adsorción de gases y sus propiedades fotoquímicas
Name of the conference: IV Jornada de Promoción de la Investigación Básica para estudiantes de Ciencias e Ingenierías
City of event: Móstoles,
Date of event: 04/04/2019
End date: 05/04/2019
Organising entity: Universidad Rey Juan Carlos **Type of entity:** University
Uxua Huizi Rayo; Jose M. Seco; Antonio Rodríguez Diéguez; Ricardo Hernández; Eider San Sebastian; Javier Cepeda.
- 9** **Title of the work:** Nuevos factores determinantes en el comportamiento SMM de materiales basados en el Dy(III)
Name of the conference: IV Jornada de Promoción de la Investigación Básica para estudiantes de Ciencias e Ingenierías
City of event: Móstoles,
Date of event: 04/04/2019
End date: 05/04/2019
Organising entity: Universidad Rey Juan Carlos **Type of entity:** University
Andoni Zabala Lekuona; Itziar Oyarzabal; Javier Cepeda; Antonio Rodríguez Diéguez; Jose M. Seco; Enrique Colacio.
- 10** **Title of the work:** Polímeros de coordinación con emisiones fosforescentes de larga duración basados en metales alcalinotérreos
Name of the conference: IV Jornada de Promoción de la Investigación Básica para estudiantes de Ciencias e Ingenierías
City of event: Móstoles,
Date of event: 04/04/2019
End date: 05/04/2019
Organising entity: Universidad Rey Juan Carlos **Type of entity:** University
Oier Pajuelo; Eider San Sebastian; Javier Cepeda; Jose M. Seco.
- 11** **Title of the work:** A novel Co based 2D coordination polymer with nitrogen-rich N-[2-(1H-tetrazol-5-yl)ethyl]glycine ligand
Name of the conference: XV Simposio de Jóvenes Investigadores Químicos
City of event: Toledo, Castile-La Mancha, Spain
Date of event: 05/11/2018
End date: 08/11/2018



Organising entity: Grupo de Jóvenes Investigadores Químicos
Estitxu Echenique Errandonea; Javier Cepeda; Antonio Rodríguez Diéguez; Jose Manuel Seco.

12 Title of the work: Desing and synthesis of MOFs with gas adsorption and photochemical properties

Name of the conference: XV Simposio de Jóvenes Investigadores Químicos

City of event: Toledo, Castile-La Mancha, Spain

Date of event: 05/11/2018

End date: 08/11/2018

Organising entity: Grupo de Jóvenes Investigadores Químicos

Uxua Huizi; Jose Manuel Seco; Antonio Rodríguez Diéguez; Eider San Sebastian; Javier Cepeda.

13 Title of the work: Diseño y síntesis progresiva desde compuestos 0D hasta 1D: influencia en las propiedades magnéticas

Name of the conference: XV Simposio de Jóvenes Investigadores Químicos

City of event: Toledo, Castile-La Mancha, Spain

Date of event: 05/11/2018

End date: 08/11/2018

Organising entity: Grupo de Jóvenes Investigadores Químicos

Andoni Zabala Lekuona; Xabier Lopez de Pariza; Iziar Oyarzabal; Javier Cepeda; Antonio Rodríguez Diéguez; Jose Manuel Seco; Enrique Colacio.

14 Title of the work: Estudio de las propiedades fotoluminiscentes de dos nuevos polímeros de coordinación basados en metales d10 y el ligando 2-aminonicotinato

Name of the conference: XV Simposio de Jóvenes Investigadores Químicos

City of event: Toledo, Castile-La Mancha, Spain

Date of event: 05/11/2018

End date: 08/11/2018

Organising entity: Grupo de Jóvenes Investigadores Químicos

Oier Pajuelo Corral; Antonio Rodríguez Diéguez; Jose Angel García; Eider San Sebastian; Jose Manuel Seco; Javier Cepeda.

15 Title of the work: Síntesis de dos nuevos compuestos de coordinación tridimensionales de zinc con capacidad de adsorción basados en ácido 1H-indazol-5-carboxílico y ligandos aromáticos nitrogenados

Name of the conference: 1er Congreso sobre Materiales Multifuncionales para Jóvenes

City of event: Granada, Andalusia, Spain

Date of event: 01/09/2018

End date: 02/09/2018

Organising entity: University of Granada

Type of entity: University

City organizing entity: Granada, Andalusia, Spain

Antonio A. García Valdivia; Manuel Pérez Mendoza; Guillermo Mínguez Espallargas; Javier Cepeda; Jose M. Seco; Antonio Rodríguez Diéguez.

16 Title of the work: Designing Single-Ion Magnets and phosphorescent materials with 1-methylimidazole-5-carboxylate and transition metal ions

Name of the conference: XIV Simposio de Investigadores Jóvenes

City of event: Badajoz, Extremadura, Spain

Date of event: 07/11/2017

End date: 11/11/2017

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo de Investigadores Jóvenes

Antonio A. García Valdivia; Jose M. Seco; Javier Cepeda; Antonio Rodríguez-Diéguez.



- 17 Title of the work:** Estudio magnético de compuestos de coordinación basados en el ion DyIII: importancia del campo cristal
Name of the conference: XIV Simposio de Investigadores Jóvenes
City of event: Badajoz, Extremadura, Spain
Date of event: 07/11/2017
End date: 11/11/2017
Organising entity: Real Sociedad Española de Química
Type of entity: RSEQ
Andoni Zabala-Lekuona; Jose M. Seco; Javier Cepeda; Itziar Oyarzabal; Antonio Rodríguez-Diéguez; Enrique Colacio.
- 18 Title of the work:** Metal-Organic Frameworks based on dysprosium and aromatic ligands, magnetic and luminescence properties
Name of the conference: XIV Simposio de Investigadores Jóvenes
City of event: Badajoz, Extremadura, Spain
Date of event: 07/11/2017
End date: 11/11/2017
Organising entity: Real Sociedad Española de Química
Type of entity: RSEQ
Amalia García García; Antonio A. García Valdivia; Ana Belén Ruiz Muelle; Ignacio Fernández; Alfonso Salinas Castillo; Javier Cepeda; Jose M. Seco; Antonio Rodríguez-Diéguez.
- 19 Title of the work:** Metal-Organic Frameworks: Rational Design, Synthetic Overview and Adsorption Properties
Name of the conference: Lecturer Exchange
Type of event: Jornada de Intercambio de Profesores
Type of participation: Participatory - invited/keynote talk
City of event: Surakarta, Indonesia
Date of event: 06/12/2016
End date: 08/12/2016
Organising entity: UNS- Sebelas Maret University
Type of entity: University
City organizing entity: Surakarta, Indonesia
Javier Cepeda.
- 20 Title of the work:** Coordination complexes based on lanthanide ions and diclofenac sodium salt
Name of the conference: XIII Simposio de investigadores jóvenes de la RSEQ
Type of event: Conference
Type of participation: Participatory - others
City of event: Logroño, La Rioja, Spain
Date of event: 08/11/2016
End date: 11/11/2016
Organising entity: Real Sociedad Española de Química
Type of entity: Grupo de Jóvenes Químicos
City organizing entity: Logroño, La Rioja, Spain
Type of contribution: Scientific book or monograph
Estitxu Echenique Errandonea; Itziar Oyarzabal Epelde; Javier Cepeda; Antonio Rodríguez- Diéguez; Jose M. Seco.
- 21 Title of the work:** Estudio magneto-luminiscente de materiales basados en complejos dinucleares ZnII LnIII
Name of the conference: XIII Simposio de investigadores jóvenes de la RSEQ
Type of event: Conference
Type of participation: Participatory - others



City of event: Logroño, La Rioja, Spain

Date of event: 08/11/2016

End date: 11/11/2016

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo de Jóvenes Químicos

City organizing entity: Logroño, La Rioja, Spain

Type of contribution: Scientific book or monograph

Andoni Zabala Lekuona; Itziar Oyarzabal Epelde; Jose M. Seco; Javier Cepeda; Antonio Rodríguez-Diéguez.

- 22** **Title of the work:** Análisis Teórico-Experimental del Polímero de Coordinación fosforescente Zn-6-aminopiridina-3carboxilato
Name of the conference: 17ª Reunión Científica Plenaria de Química Inorgánica y 11ª Reunión Científica Plenaria de Química del Estado Sólido (QIES)
City of event: Torremolinos, Andalusia, Spain
Date of event: 19/06/2016
End date: 22/06/2016
Organising entity: Real Sociedad Española de Química
Type of entity: Sociedad Científica
City organizing entity: Torremolinos, Andalusia, Spain
Jose Manuel Seco; Javier Cepeda; Eider SanSebastian; Daniel Padro; Antonio Rodríguez Diéguez; Jose Angel Garcia; Jesus Ugalde. "Comunicación escrita".
- 23** **Title of the work:** Complejos dinucleares ZnII-LnIII con propiedades magneto-luminiscentes
Name of the conference: 17ª Reunión Científica Plenaria de Química Inorgánica y 11ª Reunión Científica Plenaria de Química del Estado Sólido (QIES)
City of event: Torremolinos, Andalusia, Spain
Date of event: 19/06/2016
End date: 22/06/2016
Organising entity: Real Sociedad Española de Química
Type of entity: Sociedad Científica
City organizing entity: Torremolinos, Andalusia, Spain
Andoni Zabala; Itziar Oyarzabal; Jose Manuel Seco; Javier Cepeda; Antonio Rodríguez Diéguez; Enrique Colacio. "Comunicación escrita".
- 24** **Title of the work:** Developing porous heterometallic scandium(III)/alkaline/pyrimidine-4,6-dicarboxylate frameworks as ionic conductors
Name of the conference: XXXV Reunión Bienal de la RSEQ
City of event: A Coruña, Galicia, Spain
Date of event: 19/07/2015
End date: 23/07/2015
Organising entity: Real Sociedad Española de Química
Type of entity: Sociedad Científica
City organizing entity: A Coruña, Galicia, Spain
Sonia Pérez- Yáñez; Javier Cepeda; Garikoitz Beobide; Oscar Castillo; Eider Goikolea; Frederic Aguesse; Antonio Luque; Paul Anthony Wright. "Comunicación oral".
- 25** **Title of the work:** Sistemas Metal-Adenina-Carboxilato
Name of the conference: XXIV. Simposio del GE3C: Cristalografía y Sostenibilidad
City of event: Bilbao, Basque Country, Spain
Date of event: 26/06/2014
End date: 26/06/2014



Organising entity: Grupo Especializado de Cristalografía y Crecimiento Cristalino

Type of entity: Associations and Groups

City organizing entity: Bilbao, Basque Country, Spain

Sonia Pérez- Yáñez; Sandra Arcediano; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Mónica Lanchas; Antonio Luque; Pascual Román; Jinhtha Thomas- Gipson; Daniel Vallejo- Sánchez. "Comunicación oral".

26 Title of the work: Metal thiocarboxylate complexes as single-source precursors of metal sulfide nanoparticles by solvent-free route under aerobic conditions

Name of the conference: XXIV. Simposio del GE3C: Cristalografía y Sostenibilidad

City of event: Bilbao, Basque Country, Spain

Date of event: 25/06/2014

End date: 26/06/2014

Organising entity: Grupo Especializado de Cristalografía y Crecimiento Cristalino

Type of entity: Associations and Groups

City organizing entity: Bilbao, Basque Country, Spain

Daniel Vallejo- Sánchez; Sandra Arcediano; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jinhtha Thomas- Gipson. "Poster".

27 Title of the work: Porous MII/Pmdc Neutral Frameworks: Synthetic Influence on their CO₂ Capture Capacity and Evaluation of CO₂-Adsorbent Interactions

Name of the conference: XXIV. Simposio del GE3C: Cristalografía y Sostenibilidad

City of event: Bilbao, Basque Country, Spain

Date of event: 25/06/2014

End date: 26/06/2014

Organising entity: Grupo Especializado de Cristalografía y Crecimiento Cristalino

Type of entity: Associations and Groups

City organizing entity: Bilbao, Basque Country, Spain

Javier Cepeda; Sandra Arcediano; Garikoitz Beobide; Oscar Castillo; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jinhtha Thomas- Gipson; Daniel Vallejo- Sánchez. "Comunicación oral".

28 Title of the work: Robust supramolecular porous compounds based on metal-nucleobase discrete entities

Name of the conference: XXIV. Simposio del GE3C: Cristalografía y Sostenibilidad

City of event: Bilbao, Basque Country, Spain

Date of event: 24/06/2014

End date: 26/06/2014

Organising entity: Grupo Especializado de Cristalografía y Crecimiento Cristalino

Type of entity: Associations and Groups

City organizing entity: Bilbao, Basque Country, Spain

Jinhtha Thomas- Gipson; Sandra Arcediano; Garikoitz Beobide; Oscar Castillo; Daniel Vallejo- Sánchez; Mónica Lanchas; Javier Cepeda; Sonia Pérez- Yáñez; Antonio Luque; Pascual Román. "Comunicación oral".

29 Title of the work: MOF-alumina and MOF-silica hybrid xerogels

Name of the conference: XXXIV Reunión Bienal de la Real Sociedad Española de Química

City of event: Santander, Cantabria, Spain

Date of event: 15/09/2013

End date: 18/09/2013

Organising entity: Real Sociedad Española de Química

Type of entity: Real Sociedad Española de Química

City organizing entity: Santander, Cantabria, Spain



Mónica Lanchas; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".

- 30** **Title of the work:** Microwave assisted solvent-free synthesis of zeolitic imidazolate frameworks
Name of the conference: XXXIV Reunión Bienal de la Real Sociedad Española de Química
City of event: Santander, Cantabria, Spain
Date of event: 15/09/2013
End date: 18/09/2013
Organising entity: Real Sociedad Española de Química **Type of entity:** Real Sociedad Española de Química
City organizing entity: Santander, Cantabria, Spain
Mónica Lanchas; Sandra Arcediano; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".
- 31** **Title of the work:** Template mediated enhance of the adsorption capacity of ZIF-67
Name of the conference: XXXIV Reunión Bienal de la Real Sociedad Española de Química
City of event: Santander, Cantabria, Spain
Date of event: 15/09/2013
End date: 18/09/2013
Organising entity: Real Sociedad Española de Química **Type of entity:** Real Sociedad Española de Química
City organizing entity: Santander, Cantabria, Spain
Mónica Lanchas; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Comunicación oral".
- 32** **Title of the work:** Zinc-thiocarboxylate compounds as precursors for zinc sulphide nanoparticles under aerobic conditions
Name of the conference: XXXIV Reunión Bienal de la Real Sociedad Española de Química
City of event: Santander, Cantabria, Spain
Date of event: 15/09/2013
End date: 18/09/2013
Organising entity: Real Sociedad Española de Química **Type of entity:** Real Sociedad Española de Química
City organizing entity: Santander, Cantabria, Spain
Daniel Vallejo- Sánchez; Mónica Lanchas; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson. "Poster".
- 33** **Title of the work:** Adsorción selectiva de CO₂ en estructuras supramoleculares metal-biomolécula
Name of the conference: VIII Reunión Científica de Bioinorgánica
City of event: Burgos, Castile and León, Spain
Date of event: 07/07/2013
End date: 07/07/2013
Organising entity: Asociación española de bioinorgánica **Type of entity:** Associations and Groups
City organizing entity: Burgos, Castile and León, Spain
Jintha Thomas- Gipson; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Daniel Vallejo- Sánchez; Pascual Román. "Poster".
- 34** **Title of the work:** Estructuras porosas basadas en unidades metal-adenina-ligando carboxilato. Un Nuevo método para aumentar la microporosidad de los materiales
Name of the conference: VIII Reunión Científica de Bioinorgánica
City of event: Burgos, Castile and León, Spain



Date of event: 07/07/2013

End date: 07/07/2013

Organising entity: Asociación española de bioinorgánica

Type of entity: Associations and Groups

City organizing entity: Burgos, Castile and León, Spain

Mónica Lanchas; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Sonia Pérez- Yáñez; Antonio Luque; Daniel Vallejo- Sánchez; Jintha Thomas- Gipson; Pascual Román. "Ponencia invitada ofrecida por Oscar Castillo García".

35 Title of the work: Química verde para el desarrollo de estructuras metal-biomolécula

Name of the conference: VIII Reunión Científica de Bioinorgánica

City of event: Burgos, Castile and León, Spain

Date of event: 07/07/2013

End date: 07/07/2013

Organising entity: Asociación española de bioinorgánica

Type of entity: Associations and Groups

City organizing entity: Burgos, Castile and León, Spain

Mónica Lanchas; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Sonia Pérez- Yáñez; Antonio Luque; Daniel Vallejo- Sánchez; Jintha Thomas- Gipson; Pascual Román. "Poster".

36 Title of the work: Porous networks based on metal-adenine-carboxylic ligand units. A new method to improve microporosity

Name of the conference: 11th European Biological Inorganic Chemistry Conference

City of event: Granada, Andalusia, Spain

Date of event: 12/09/2012

End date: 16/09/2012

Organising entity: European Association for Chemical and Molecular Sciences

Type of entity: Associations and Groups

City organizing entity: Granada, Andalusia, Spain

Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Jintha Thomas- Gipson. "Ponencia invitada realizada por Oscar Castillo García".

37 Title of the work: 1D systems based on pyrazine-2,5-dicarboxylate linkers and [Mn(phen)]²⁺ nodes

Name of the conference: XXII Congress and General Assembly of the International Union of Crystallography

City of event: Madrid, Community of Madrid, Spain

Date of event: 22/08/2011

End date: 30/08/2011

Organising entity: International Union of Crystallography

Type of entity: Associations and Groups

City organizing entity: Madrid, Community of Madrid, Spain

Mónica Lanchas; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".

38 Title of the work: 3D-copper-adeninate complexes with microchannels tailored by aliphatic acids

Name of the conference: XXII Congress and General Assembly of the International Union of Crystallography

City of event: Madrid, Community of Madrid, Spain

Date of event: 22/08/2011

End date: 30/08/2011

Organising entity: International Union of Crystallography

Type of entity: Associations and Groups



City organizing entity: Madrid, Community of Madrid, Spain

Sonia Pérez- Yáñez; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Mónica Lanchas; Antonio Luque; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".

39 Title of the work: Commensurate 3D Ln-pmdc-ox open frameworks

Name of the conference: XXII Congress and General Assembly of the International Union of Crystallography

City of event: Madrid, Community of Madrid, Spain

Date of event: 22/08/2011

End date: 30/08/2011

Organising entity: International Union of Crystallography

Type of entity: Associations and Groups

City organizing entity: Madrid, Community of Madrid, Spain

Javier Cepeda; Garikoitz Beobide; Oscar Castillo; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".

40 Title of the work: Porous supramolecular compounds based on paddle-wheel shaped copper(II)-adenine entities

Name of the conference: XXII Congress and General Assembly of the International Union of Crystallography

City of event: Madrid, Community of Madrid, Spain

Date of event: 22/08/2011

End date: 30/08/2011

Organising entity: International Union of Crystallography

Type of entity: Associations and Groups

City organizing entity: Madrid, Community of Madrid, Spain

Pascual Román; Jintha Thomas- Gipson; Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Daniel Vallejo- Sánchez. "Poster".

41 Title of the work: Compuestos de dimensionalidad variable con el ligando pirazina-2,5-dicarboxilato

Name of the conference: II Reunión de Jóvenes Cristalógrafos

City of event: Bilbao, Basque Country, Spain

Date of event: 29/09/2010

End date: 01/10/2010

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo Especializado de Cristalización y Crecimiento Cristalino

City organizing entity: Bilbao, Basque Country, Spain

Sonia Pérez- Yáñez; Oscar Castillo; Javier Cepeda; Antonio Luque; Pascual Román. "Comunicación oral".

42 Title of the work: Diversidad estructural en los sistemas metal-diazinadicarboxilada

Name of the conference: II Reunión de Jóvenes Cristalógrafos

City of event: Bilbao, Basque Country, Spain

Date of event: 29/09/2010

End date: 01/10/2010

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo Especializado de Cristalización y Crecimiento Cristalino

City organizing entity: Bilbao, Basque Country, Spain

Javier Cepeda; Oscar Castillo; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. "Comunicación oral".

43 Title of the work: Compuestos de dimensionalidad variable con el ligando pirazina-2,5-dicarboxilato

Name of the conference: 14ª Reunión Científica Plenaria de Química Inorgánica y 8ª Reunión Científica Plenaria de Química del Estado Sólido (QIES)



City of event: Cartagena, Andalusia, Spain

Date of event: 12/09/2010

End date: 15/09/2010

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo Especializado de Química Inorgánica y del Estado Sólido

City organizing entity: Cartagena, Andalusia, Spain

Javier Cepeda; Oscar Castillo; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".

44 Title of the work: Transiciones de fase en las estructuras poliméricas extendidas del sistema indio/piridazina-3,6-dicarboxilato

Name of the conference: 14^a Reunión Científica Plenaria de Química Inorgánica y 8^a Reunión Científica Plenaria de Química del Estado Sólido (QIES)

City of event: Cartagena, Andalusia, Spain

Date of event: 12/09/2010

End date: 15/09/2010

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo Especializado de Química Inorgánica y del Estado Sólido

City organizing entity: Cartagena, Andalusia, Spain

Javier Cepeda; Oscar Castillo; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".

45 Title of the work: Robust supramolecular porous compound based on windmill shaped copper(II)-adenine dimeric entities

Name of the conference: International Symposium on Metal Complexes

City of event: Bilbao, Basque Country, Spain

Date of event: 07/06/2010

End date: 11/06/2010

Organising entity: Grupo di Termodinamica dei Complessi

Type of entity: Associations and Groups

City organizing entity: Bilbao, Basque Country, Spain

Jintha Thomas- Gipson; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Daniel Vallejo- Sánchez. "Poster".

46 Title of the work: Synthesis and thermal analysis of a 3D coordination polymer based on copper adeninato metal-organic framework

Name of the conference: International Symposium on Metal Complexes

City of event: Bilbao, Basque Country, Spain

Date of event: 07/06/2010

End date: 11/06/2010

Organising entity: Grupo di Termodinamica dei Complessi

Type of entity: Associations and Groups

City organizing entity: Bilbao, Basque Country, Spain

Sonia Pérez- Yáñez; Oscar Castillo; Javier Cepeda; Antonio Luque; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".

47 Title of the work: Compuestos poliméricos con el ligando pirimidina-4,6-dicarboxilato

Name of the conference: XXXII Reunión Bienal de la Real Sociedad Española de Química

City of event: Oviedo, Principality of Asturias, Spain

Date of event: 13/09/2009

End date: 18/09/2009

Type of entity: Real Sociedad Española de Química



Organising entity: Real Sociedad Española de Química

City organizing entity: Oviedo, Principality of Asturias, Spain

Sonia Pérez- Yáñez; Oscar Castillo; Javier Cepeda; Antonio Luque; Pascual Román. "Poster".

48 Title of the work: Química supramolecular y propiedades magnéticas de dímeros [Cu₂L₄] con ligandos derivados de la purina

Name of the conference: XXXII Reunión Bienal de la Real Sociedad Española de Química

City of event: Oviedo, Principality of Asturias, Spain

Date of event: 13/09/2009

End date: 18/09/2009

Organising entity: Real Sociedad Española de Química

Type of entity: Real Sociedad Española de Química

City organizing entity: Oviedo, Principality of Asturias, Spain

Javier Cepeda; Oscar Castillo; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. "Comunicación oral".

49 Title of the work: Anchorage of adeninium cations to anionic metal-malonato fragments

Name of the conference: FIGIPAS 10th. The International Meeting in Inorganic Chemistry

City of event: Palermo, Sicilia, Italy

Date of event: 01/04/2009

End date: 04/04/2009

Organising entity: European Association for Chemical and Molecular Sciences

Type of entity: Associations and Groups

City organizing entity: Palermo, Sicilia, Italy

Sonia Pérez- Yáñez; Oscar Castillo; Javier Cepeda; Juan Pablo García- Terán; Antonio Luque; Pascual Román. "Poster".

50 Title of the work: Heterometallic bidimensional mixed-valence Cull/Cul complex with Ni(CN)₄²⁻ bridging ligand

Name of the conference: FIGIPAS 10th. The International Meeting in Inorganic Chemistry

City of event: Palermo, Sicilia, Italy

Date of event: 01/04/2009

End date: 04/04/2009

Organising entity: European Association for Chemical and Molecular Sciences

Type of entity: Associations and Groups

City organizing entity: Palermo, Sicilia, Italy

Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. "Poster".

51 Title of the work: Interaction between adenine nucleobase and metal-malonato complexes

Name of the conference: FIGIPAS 10th. The International Meeting in Inorganic Chemistry

City of event: Palermo, Sicilia, Italy

Date of event: 01/04/2009

End date: 04/04/2009

Organising entity: European Association for Chemical and Molecular Sciences

Type of entity: Associations and Groups

City organizing entity: Palermo, Sicilia, Italy

Sonia Pérez- Yáñez; Oscar Castillo; Javier Cepeda; Juan Pablo García- Terán; Antonio Luque; Pascual Román. "Poster".



- 52** **Title of the work:** One-dimensional oxalato-bridged Cd(II) complex with adenine as terminal ligand
Name of the conference: FIGIPAS 10th. The International Meeting in Inorganic Chemistry
City of event: Palermo, Sicilia, Italy
Date of event: 01/04/2009
End date: 04/04/2009
Organising entity: European Association for Chemical and Molecular Sciences
City organizing entity: Palermo, Sicilia, Italy
Juan Pablo García- Terán; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. "Poster".
Type of entity: Associations and Groups
- 53** **Title of the work:** Estructura dimérica de Cu(II) y 6-cloropurina con forma de molino de viento
Name of the conference: 13ª Reunión Científica Plenaria de Química Inorgánica y 7ª Reunión Científica Plenaria de Química de Estado Sólido (QIES)
City of event: Almuñécar, Andalusia, Spain
Date of event: 16/09/2008
End date: 19/09/2008
Organising entity: Real Sociedad Española de Química
City organizing entity: Almuñécar, Andalusia, Spain
Sonia Pérez- Yáñez; Javier Cepeda; Oscar Castillo; Antonio Luque; Pascual Román. "Poster".
Type of entity: Grupo Especializado de Química Inorgánica y del Estado Sólido
- 54** **Title of the work:** Estructura supramolecular basada en dímeros catiónicos [Cu₂(□-adenina)₄(H₂O)₂]₄+ con canales donde se albergan entidades complejas neutras [Cu₂(picolinato)₂(H₂O)]
Name of the conference: 13ª Reunión Científica Plenaria de Química Inorgánica y 7ª Reunión Científica Plenaria de Química de Estado Sólido (QIES)
City of event: Almuñécar, Andalusia, Spain
Date of event: 16/09/2008
End date: 19/09/2008
Organising entity: Real Sociedad Española de Química
City organizing entity: Almuñécar, Andalusia, Spain
Javier Cepeda; Oscar Castillo; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. "Poster".
Type of entity: Grupo Especializado de Química Inorgánica y del Estado Sólido
- 55** **Title of the work:** Truncamiento de la estructura polimérica del sistema Mn/pirimidina-4,6-dicarboxilato mediante el uso del ligando bloqueante 1,10-fenantrolina
Name of the conference: 13ª Reunión Científica Plenaria de Química Inorgánica y 7ª Reunión Científica Plenaria de Química de Estado Sólido (QIES)
City of event: Almuñécar, Andalusia, Spain
Date of event: 16/09/2008
End date: 19/09/2008
Organising entity: Real Sociedad Española de Química
City organizing entity: Almuñécar, Andalusia, Spain
Garikoitz Beobide; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. "Poster".
Type of entity: Grupo Especializado de Química Inorgánica y Estado Sólido
- 56** **Title of the work:** 1D polymeric compounds based on 9-methyladenine as terminal ligand of metal-oxalate frameworks
Name of the conference: 38th International Conference on Coordination Chemistry
City of event: Jerusalem, Israel
Date of event: 20/07/2008



End date: 25/07/2008

Organising entity: International Union of Crystallography

Type of entity: Organización Internacional de Cristalografía

City organizing entity: Jerusalem, Israel

Oscar Castillo; Javier Cepeda; Antonio Luque; Juan Pablo García - Terán; Sonia Pérez- Yáñez; Pascual Román. "Poster".

57 Title of the work: Interaction of 3-methyladenine with metal-oxalate frameworks
Name of the conference: 38th International Conference on Coordination Chemistry

City of event: Jerusalem, Israel

Date of event: 20/07/2008

End date: 25/07/2008

Organising entity: International Union of Crystallography

Type of entity: Organización Internacional de Cristalografía

City organizing entity: Jerusalem, Israel

Oscar Castillo; Javier Cepeda; Antonio Luque; Juan Pablo García - Terán; Sonia Pérez- Yáñez; Pascual Román. "Poster".

58 Title of the work: Caracterización estructural del compuesto $1D-\{[Cu(\mu\text{-ox})(H_2O)(3Meade)].H_2O\}$

Name of the conference: XIX Simposio del Grupo Especializado de Cristalografía y Crecimiento Cristalino: Cristalografía. Aplicaciones Industriales

City of event: Torremolinos, Andalusia, Spain

Date of event: 11/06/2008

End date: 13/06/2008

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo Especializado de Cristalografía y Crecimiento Cristalino

City organizing entity: Torremolinos, Andalusia, Spain

Sonia Pérez- Yáñez; Oscar Castillo; Javier Cepeda; Juan Pablo García - Terán; Antonio Luque; Pascual Román. "Poster".

59 Title of the work: Estudio estructural del sistema cobre-oxalato-9-metilguanina

Name of the conference: XIX Simposio del Grupo Especializado de Cristalografía y Crecimiento Cristalino: Cristalografía. Aplicaciones Industriales

City of event: Torremolinos, Andalusia, Spain

Date of event: 11/06/2008

End date: 13/06/2008

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo Especializado de Cristalografía y Crecimiento Cristalino

City organizing entity: Torremolinos, Andalusia, Spain

Juan Pablo García - Terán; Oscar Castillo; Javier Cepeda; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. "Poster".

60 Title of the work: Inclusión de moléculas neutras 1,2-bis(4-piridil)etano en la estructura cristalina de la especie dimérica $[Cu_2(\mu\text{-ade})_4]$ (ade = adeninato)

Name of the conference: XIX Simposio del Grupo Especializado de Cristalografía y Crecimiento Cristalino: Cristalografía. Aplicaciones Industriales

City of event: Torremolinos, Andalusia, Spain

Date of event: 11/06/2008

End date: 13/06/2008

Organising entity: Real Sociedad Española de Química

Type of entity: Grupo Especializado de Cristalografía y Crecimiento Cristalino

City organizing entity: Torremolinos, Andalusia, Spain



Javier Cepeda; Oscar Castillo; Juan Pablo García - Terán; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román. "Poster".

Works submitted to national or international seminars, workshops and/or courses

- 1 Title of the work:** Porous MII/Pmdc Neutral Frameworks: Synthetic Influence on their CO₂ Capture Capacity and evaluation of CO₂-Adsorbent Interactions
Name of the event: 4as Jornadas de Investigación de la Facultad de Ciencia y Tecnología
City of event: Leioa, Basque Country, Spain
Date of event: 12/02/2014
End date: 13/02/2014
Organising entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies
City organizing entity: Leioa, Basque Country, Spain
Javier Cepeda; Sandra Arcediano; Garikoitz Beobide; Oscar Castillo; Mónica Lanchas; Antonio Luque; Sonia Pérez- Yáñez; Pascual Román; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Comunicación oral".
- 2 Title of the work:** New approaches for the development of porous materials based on metal - bio molecule frameworks (MbioFs)
Name of the event: II Jornadas de Investigación de la Facultad de Ciencia y Tecnología, y V Jornadas de Presentación de Empresas y Centros de Innovación Tecnológica
City of event: Leioa, Basque Country, Spain
Date of event: 08/02/2012
End date: 10/03/2012
Organising entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies
City organizing entity: Leioa, Basque Country, Spain
Oscar Castillo; Antonio Luque; Pascual Román; Javier Cepeda; Mónica Lanchas; Sonia Pérez- Yáñez; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".
- 3 Title of the work:** Extended metal-organic frameworks (MOFs)
Name of the event: II Jornadas de Investigación de la Facultad de Ciencia y Tecnología, y V Jornadas de Presentación de Empresas y Centros de Innovación Tecnológica
City of event: Leioa, Basque Country, Spain
Date of event: 15/03/2010
End date: 15/03/2010
Organising entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies
City organizing entity: Leioa, Basque Country, Spain
Oscar Castillo; Antonio Luque; Pascual Román; Javier Cepeda; Mónica Lanchas; Sonia Pérez- Yáñez; Jintha Thomas- Gipson; Daniel Vallejo- Sánchez. "Poster".
- 4 Title of the work:** Estudio de la interacción magnética entre iones de metales de transición a través de ligandos puente aromáticos
Name of the event: 1as Jornadas de Investigación de la Facultad de Ciencia y Tecnología
City of event: Leioa, Basque Country, Spain
Date of event: 21/05/2008
End date: 23/05/2008
Organising entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies
City organizing entity: Leioa, Basque Country, Spain



Oscar Castillo; Antonio Luque; Pascual Román; Javier Cepeda; Juan Pablo García- Terán; Sonia Pérez-Yáñez; Mónica Lanchas; Daniel Vallejo- Sánchez. "Poster".

- 5** **Title of the work:** Interacción de nucleobases y derivados con sistemas de dimensionalidad variable metal-ligando dicarboxilato. Extrapolación de los resultados a sistemas de interés biológico
Name of the event: 1as Jornadas de Investigación de la Facultad de Ciencia y Tecnología
City of event: Leioa, Basque Country, Spain
Date of event: 21/05/2008
End date: 23/05/2008
Organising entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies
City organizing entity: Leioa, Basque Country, Spain
Oscar Castillo; Antonio Luque; Pascual Román; Javier Cepeda; Juan Pablo García- Terán; Sonia Pérez-Yáñez; Mónica Lanchas; Daniel Vallejo- Sánchez. "Poster".

- 6** **Title of the work:** Síntesis de compuestos mono-, bi- y tridimensionales de coordinación y su procesamiento como nanomateriales
Name of the event: 1as Jornadas de Investigación de la Facultad de Ciencia y Tecnología
City of event: Leioa, Basque Country, Spain
Date of event: 21/05/2008
End date: 23/05/2008
Organising entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies
City organizing entity: Leioa, Basque Country, Spain
Oscar Castillo; Antonio Luque; Pascual Román; Javier Cepeda; Juan Pablo García- Terán; Sonia Pérez-Yáñez; Mónica Lanchas; Daniel Vallejo- Sánchez. "Poster".

Other dissemination activities

- 1** **Title of the work:** Prácticas de Bachiller de la Facultad de Química
Name of the event: Facultad de Química
Type of event: Fairs and exhibitions
City of event: Donostia, 20/01/2018, Spain
Date of event: 20/01/2018
Organising entity: Universidad del País Vasco **Type of entity:** University
City organizing entity: Donostia, Basque Country, Spain
- 2** **Title of the work:** Prácticas de Bachiller de la Facultad de Química
Name of the event: Facultad de Química
Type of event: Fairs and exhibitions
City of event: Donostia, 31/05/2017, Spain
Date of event: 31/05/2017
Organising entity: Universidad del País Vasco **Type of entity:** University
City organizing entity: Donostia, Basque Country, Spain
- 3** **Title of the work:** Actividad Práctica "Química para ti"
Name of the event: Facultad de Química
Type of event: Fairs and exhibitions
City of event: Donostia, 15/03/2016, Spain
Date of event: 15/03/2016
Organising entity: Universidad del País Vasco **Type of entity:** University



City organizing entity: Donostia, Basque Country, Spain

- 4** **Title of the work:** Jornadas de Puertas Abiertas
Name of the event: Jornadas de Puertas Abiertas de la Facultad de Ciencia y Tecnología
Type of event: Fairs and exhibitions
City of event: Leioa, 15/03/2012, Spain
Date of event: 15/03/2012
Organising entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies
City organizing entity: Leioa, Basque Country, Spain
- 5** **Title of the work:** Preparación de jabones y cremas / Xaboi en eta kremen prestakuntza en la feria Ekobira: Consumo y hábitos sostenibles
Name of the event: Ekobira
Type of event: Fairs and exhibitions
City of event: 8 municipios de Gipuzkoa, 15/03/2012, Spain
Date of event: 15/03/2012
Organising entity: Empresa Junior Snatu en colaboración con la caja Kutxa a través de su proyecto social Ekogunea **Type of entity:** Foundation
City organizing entity: Caja Kutxa, Basque Country, Spain
- 6** **Title of the work:** Participación en proyectos y jornadas de divulgación científica como guía/colaborador
Name of the event: Actividades prácticas dirigidas al alumnado de bachillerato, ciclos formativos de grado superior de formación profesional, de enseñanzas artísticas y de enseñanzas deportivas
Type of event: Fairs and exhibitions
City of event: Leioa, 2011, Spain
Date of event: 2011
Organising entity: Universidad del País Vasco **Type of entity:** University
City organizing entity: Leioa, Basque Country, Spain
- 7** **Title of the work:** Participación en proyectos y jornadas de divulgación científica como guía/colaborador
Name of the event: Química en acción
Type of event: Fairs and exhibitions
City of event: Leioa, 2011, Spain
Date of event: 2011
Organising entity: Universidad del País Vasco **Type of entity:** University
City organizing entity: Leioa, Basque Country, Spain
- 8** **Title of the work:** Participación en proyectos y jornadas de divulgación científica como guía/colaborador
Name of the event: The Meninas Project I & II
Type of event: Fairs and exhibitions
City of event: Leioa, 14/11/2010, Spain
Date of event: 14/11/2010
Organising entity: Universidad del País Vasco **Type of entity:** University
City organizing entity: Leioa, Basque Country, Spain
- 9** **Title of the work:** Participación en proyectos y jornadas de divulgación científica como guía/colaborador
Name of the event: X Semana de la Ciencia, la Tecnología y la Innovación
Type of event: Fairs and exhibitions
City of event: Bilbao, 14/11/2010, Spain



Date of event: 14/11/2010

Organising entity: Universidad del País Vasco **Type of entity:** University

City organizing entity: Bilbao, Basque Country, Spain

10 Title of the work: Participación en proyectos y jornadas de divulgación científica como guía/colaborador

Name of the event: IX Semana de la Ciencia, la Tecnología y la Innovación

Type of event: Fairs and exhibitions

City of event: Bilbao, 15/11/2009, Spain

Date of event: 15/11/2009

Organising entity: Universidad del País Vasco **Type of entity:** University

City organizing entity: Bilbao, Basque Country, Spain

11 Title of the work: Jornadas de Puertas Abiertas

Name of the event: Jornadas de Puertas Abiertas de la Facultad de Ciencia y Tecnología

Type of event: Fairs and exhibitions

City of event: Leioa, 11/03/2009, Spain

Date of event: 11/03/2009

Organising entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies

City organizing entity: Leioa, Basque Country, Spain

12 Title of the work: Participación en proyectos y jornadas de divulgación científica como guía/colaborador

Name of the event: VIII Semana de la Ciencia, la Tecnología y la Innovación

Type of event: Fairs and exhibitions

City of event: Bilbao, 16/11/2008, Spain

Date of event: 16/11/2008

Organising entity: Universidad del País Vasco **Type of entity:** University

City organizing entity: Bilbao, Basque Country, Spain

13 Title of the work: Participación en proyectos y jornadas de divulgación científica como guía/colaborador

Name of the event: ¡Viaja a los polos!

Type of event: Fairs and exhibitions

City of event: Bilbao, 18/05/2008, Spain

Date of event: 18/05/2008

Organising entity: Alhóndiga Bilbao **Type of entity:** Foundation

City organizing entity: Bilbao, Basque Country, Spain



R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** External evaluator of FONCyT (Argentina)-Assessment of PICT projects
Primary (UNESCO code): 230000 - Chemistry
Secondary (UNESCO code): 230300 - Inorganic chemistry
Tertiary (UNESCO code): 230324 - Rare earths
Affiliation entity: Ministerio de Ciencia, Tecnología e Innovación Productiva
City affiliation entity: Buenos Aires,
Start-End date: 01/12/2017 - 06/12/2017
- 2** **Committee title:** External evaluator of FONCyT (Argentina)-Assessment of PICT projects
Primary (UNESCO code): 230000 - Chemistry
Secondary (UNESCO code): 230300 - Inorganic chemistry
Tertiary (UNESCO code): 230324 - Rare earths
Affiliation entity: Ministerio de Ciencia, Tecnología e Innovación Productiva
City affiliation entity: Buenos Aires,
Start-End date: 01/12/2016 - 12/12/2016

Organization of R&D activities

- 1** **Title of the activity:** BioBilbao2017
Type of activity: Comité organizador del congreso
Convening entity: Real Sociedad Española de Química
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 09/07/2017 - 12/07/2017
Geographical area: Non EU International
Type of entity: Grupo especializado de bioinorganica
Duration: 9 days
- 2** **Title of the activity:** XXII Congress and General Assembly of the International Union of Crystallography
Type of activity: Colaboración en la organización del congreso
Convening entity: International Union of Crystallography-IUCr
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 22/08/2011 - 30/08/2011
Geographical area: Non EU International
Type of entity: Associations and Groups
Duration: 9 days

R&D management

- 1** **Name of the activity:** Referee of scientific articles
Type of management: Management of R&D&I actions and projects
Performed tasks: Revisor de artículos científicos
Entity: Chemical Communications
Start date: 08/03/2019



C

V

n

CURRÍCULUM VITAE NORMALIZADO

4850073c5781d316c3272e1759596647

- 2** **Name of the activity:** Referee of scientific articles
Type of management: Management of R&D&I actions and projects
Performed tasks: Revisor de artículos científicos
Entity: Journal of the American Chemical Society
Start date: 19/02/2019
- 3** **Name of the activity:** Referee of scientific articles
Type of management: Management of R&D&I actions and projects
Performed tasks: Revisor de artículos científicos
Entity: Dalton Transactions
Start date: 15/10/2018
- 4** **Name of the activity:** Referee of scientific articles
Type of management: Management of R&D&I actions and projects
Performed tasks: Revisor de artículos científicos
Entity: Inorganic Chemistry
Start date: 01/11/2015
- 5** **Name of the activity:** Referee of scientific articles
Type of management: Management of R&D&I actions and projects
Performed tasks: Revisor de artículos científicos
Entity: Crystal Growth & Design
Start date: 20/08/2015
- 6** **Name of the activity:** Referee of scientific articles
Type of management: Management of R&D&I actions and projects
Performed tasks: Revisor de artículos científicos
Entity: European Journal of Inorganic Chemistry **Type of entity:** Associations and Groups
Start date: 14/11/2012
- 7** **Name of the activity:** Referee of scientific articles
Type of management: Management of R&D&I actions and projects
Performed tasks: Revisor de artículos científicos
Entity: Zeitschrift für Anorganische und Allgemeine Chemie **Type of entity:** Associations and Groups
Start date: 14/11/2012



Other achievements

Stays in public or private R&D centres

Entity: University of St Andrews

Type of entity: University

Faculty, institute or centre: School of Chemistry

City of entity: St Andrews, Eastern Scotland, United Kingdom

Start-End date: 07/09/2012 - 20/12/2012

Duration: 3 months - 11 days

Goals of the stay: Doctorate

Provable tasks: Realizar medidas de adsorción de gases sobre muestras preparadas con anterioridad como parte de la Tesis Doctoral así como adquirir formación complementaria acerca de la caracterización de sólidos porosos mediante técnicas de adsorción de gases y difracción de rayos X sobre muestras policristalinas.

Obtained grants and scholarships

- 1 Name of the grant:** Ayudas para la especialización de investigadores doctores en laUPV/EHU
Aims: Post-doctoral
Awarding entity: Universidad del País Vasco **Type of entity:** University
Conferral date: 01/02/2015 **Duration:** 2 years
End date: 31/01/2017
Entity where activity was carried out: Universidad del País Vasco
Faculty, institute or centre: Facultad de Química
- 2 Name of the grant:** Convocatoria de contratación de Doctores recientes hasta su integración en planes de formación postdoctoral
Aims: Post-doctoral
Awarding entity: Universidad del País Vasco **Type of entity:** University
Conferral date: 16/05/2013 **Duration:** 9 months
End date: 26/02/2014
- 3 Name of the grant:** Convocatoria de ayuda para la formación de personal investigador
Aims: Pre-doctoral
Awarding entity: Universidad del País Vasco **Type of entity:** University
Conferral date: 25/11/2008 **Duration:** 4 years
End date: 31/12/2012
- 4 Name of the grant:** Convocatoria de ayudas para la movilidad y divulgación de resultados de investigación en la Universidad del País Vasco (2012)
Aims: Realización de estancia predoctoral
Awarding entity: Universidad del País Vasco **Type of entity:** University
Conferral date: 19/06/2012 **Duration:** 3 months - 11 days
End date: 20/12/2012
- 5 Name of the grant:** Convenio de Cooperación Educativa
Aims: Realizar tareas de investigación para la Industria de Turbo Propulsores, S. A.
Awarding entity: Industria de Turbo Propulsores, S.A. **Type of entity:** Business



Conferral date: 13/10/2008
End date: 30/06/2009

Duration: 8 months - 10 days

Other types of collaboration with researchers or technologists

1 **Type of relationship:** Confirmed publications

Name principal investigator (PI, Co-PI....): Atmanto Heru Wibowo

Description of the collaboration: Scientific collaboration

Participating entity/entities:

Faculty of Math and Natural Sciences

Research group of synthesis and material functionalization

Type of entity: University Research Institute

City participating entity: Surakarta, Indonesia

Start date: 01/06/2017

2 **Type of relationship:** Confirmed publications

Name principal investigator (PI, Co-PI....): Antonio Rodríguez Diéguez

Description of the collaboration: Scientific collaboration

Participating entity/entities:

Facultad de Ciencias

Type of entity: University

City participating entity: Granada

Start date: 12/02/2015

3 **Type of relationship:** Confirmed publications

Name principal investigator (PI, Co-PI....): José Ángel García Martínez

Description of the collaboration: Scientific collaboration

Participating entity/entities:

Facultad de Ciencia y Tecnología

Type of entity: University Centres and Structures and Associated Bodies

City participating entity: Leioa, Basque Country, Spain

Start date: 01/04/2014

4 **Type of relationship:** Confirmed publications

Name principal investigator (PI, Co-PI....): Michael Fischer

Description of the collaboration: Scientific collaboration

Participating entity/entities:

University College London

Type of entity: University

City participating entity: Londres, Inner London, United Kingdom

Start date: 12/04/2013

5 **Type of relationship:** Confirmed publications

Name principal investigator (PI, Co-PI....): Paul Anthony Wright

Description of the collaboration: Scientific collaboration

Participating entity/entities:

University St Andrews

Type of entity: University

City participating entity: St Andrews, Eastern Scotland, United Kingdom

Start date: 09/09/2012

**6 Type of relationship:** Confirmed publications**Description of the collaboration:** Scientific collaboration**Participating entity/entities:**

University of Hamburg

Type of entity: University**City participating entity:** Hamburgo, Hamburg, Germany**Start date:** 01/05/2012**7 Type of relationship:** Confirmed publications**Name principal investigator (PI, Co-PI...):** Rolindes Balda De la Cruz; Joaquín Fernández Rodríguez**Description of the collaboration:** Scientific collaboration**Participating entity/entities:**

Escuela Superior de Ingenieros

Type of entity: University**City participating entity:** Bilbao, Basque Country, Spain**Start date:** 01/03/2011**8 Type of relationship:** Confirmed publications**Name principal investigator (PI, Co-PI...):** Andrés Tomás Aguayo Urquijo**Description of the collaboration:** Scientific collaboration**Participating entity/entities:**

Facultad de Ciencia y Tecnología

Type of entity: University Centres and Structures and Associated Bodies**City participating entity:** Leioa, Basque Country, Spain**Start date:** 01/01/2011**Scientific societies and professional associations****Name of the society:** Socio Miembro de la Real Sociedad Española de Química**Affiliation entity:** Real Sociedad Española de Química**Type of entity:** Asociación Científica**Obtained accreditations/recognitions****1 Description:** Evaluación positiva de la actividad docente e investigadora para la contratación de profesorado universitario en la figura de Personal Doctor Investigador**Accrediting entity:** Agencia UNIBASQ**Type of entity:** State agency**Date of recognition:** 09/05/2017**2 Description:** Evaluación positiva de la actividad docente e investigadora para la contratación de profesorado universitario en la figura de Profesor Contratado Doctor**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación**Type of entity:** Ministerio de Educacion**Date of recognition:** 03/02/2015**3 Description:** Evaluación positiva de la actividad docente e investigadora para la contratación de profesorado universitario en la figura de Profesor de Universidad Privada**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación**Type of entity:** Ministerio de Educacion



Date of recognition: 03/02/2015

4 Description: Evaluación positiva de la actividad docente e investigadora para la contratación de profesorado universitario en la figura de Profesor Ayudante Doctor

Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** Ministerio de Educación de la Calidad y Acreditación

Date of recognition: 05/02/2014

Summary of other achievements

Description of the achievement: Graduation Thesis in Chemistry (Tesis de Licenciatura)

Accrediting entity: Facultad de Ciencia y Tecnología **Type of entity:** University Centres and Structures and Associated Bodies

City accrediting entity: Leioa, Basque Country, Spain

Conferral date: 14/07/2008