

Química Inorgánica

Áreas de conocimiento: Química Inorgánica

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Profesorado: CU: 15, PTU: 11, PDI Contratado y Otros: 17.

Tesis leídas

- "Utilización de Radiotrazadores en el Estudio de la Atmósfera Superficial de Granada". - Doctorando: Essaid Chham. - Directores: María de los Ángeles Ferro García y Francisco Piñero García. - Fecha de lectura: 25 de octubre de 2018.
- "Metal oxide /carbon materials as catalysts for the elimination of pollutants". - Doctorando: Hesham Hamad. - Directores: Agustín Francisco Pérez Cadenas, Francisco José Maldonado Hódar y Sergio Morales Torres. - Fecha de lectura: 9 de noviembre de 2018.
- "Transformado de geles orgánicos y residuos plásticos en materiales avanzados para la reducción electro-catalítica de dióxido de carbono y oxígeno". - Doctoranda: Jesica Castelo Quibén. - Directores: Francisco Carrasco Marín y Agustín F. Pérez Cadenas. - Fecha de lectura 24 de mayo de 2019.

Grupos de Investigación.

- FQM368 BIONANOPARTICULAS METALICAS
- Responsable: JOSÉ MANUEL DOMÍNGUEZ VERA
- FQM283 COMPLEJOS DE METALES DE TRANSICION CON INTERES BIOINORGANICO Y/O TERAPEUTICO
- Responsable: JUAN NICLOS GUTIERREZ
- RNM172 GRUPO DE INVESTIGACIÓN EN MATERIALES DE CARBÓN
- Responsable: CARLOS MORENO CASTILLA
- FQM195 QUIMICA DE LA COORDINACIÓN Y ANÁLISIS ESTRUCTURAL
- Responsable: JUAN MANUEL SALAS PEREGRÍN
- RNM142 SISTEMAS INORGANICOS EN LA QUIMICA DEL MEDIO AMBIENTE
- Responsable: FERNANDO DEL REY
- RNM342 SÓLIDOS POROSOS
- Responsable: FRANCISCO JAVIER LÓPEZ GARZÓN

Dirección y participación en Proyectos I+D

- 2019 Nuevo enfoque para la prevención y tratamiento de infecciones vaginales con probióticos, , 15/02/2019-14/02/2020
Investigador/a ANA ISABEL GONZÁLEZ GARNICA
- 2018 Arquitecturas Metal-orgánicas Procesables: Aplicaciones Medioambientales, Catalíticas y Biológicas, , 01/01/2018-31/12/2020
Investigador JORGE ANDRÉS RODRÍGUEZ NAVARRO
Investigador/a FÁTIMA LINARES ORDOÑEZ
Investigador/a MARÍA PURIFICACIÓN SÁNCHEZ SÁNCHEZ
Investigador/a JUAN MANUEL SALAS PEREGRÍN
Investigador/a MIGUEL QUIRÓS OLOZÁBAL
- 2018 'ADN CON PARES DE BASES WATSON- CRICK MEDIADAS POR IONES DE AG(I) PARA APLICACIONES EN NANOCIENCIA', Competitivo, 01/01/2018-31/12/2020
Responsable MIGUEL ANGEL GALINDO CUESTA
Responsable CARMEN RODRÍGUEZ MALDONADO
- 2018 ARQUITECTURAS METAL-ORGANICAS PROCESABLES: APLICACIONES MEDIOAMBIENTALES, CATALITICAS Y BIOLOGICAS, Competitivo, 01/01/2018-31/12/2020
Responsable ELISA MARÍA BAREA MARTÍNEZ
Responsable JORGE ANDRÉS RODRÍGUEZ NAVARRO
- 2018 RAMÓN Y CAJAL, Competitivo, 01/01/2018-31/12/2022
Responsable LUISA MARÍA PASTRANA MARTÍNEZ
- 2018 RAMÓN Y CAJAL, Competitivo, 01/01/2018-31/12/2021
Responsable JOSÉ MANUEL DELGADO LÓPEZ
- 2018 Homogeneous and heterogeneous enantioselective Single Electron Transfer (SET) catalysis in cross-coupling reactions, , 15/02/2018-14/02/2021
Coordinador JORGE ANDRÉS RODRÍGUEZ NAVARRO
- 2018 I Convocatoria de MicroProyectos de la Unidad de Excelencia de Química de la Universidad de Granada, , 09/10/2018-09/07/2019
Investigador ROCÍO JURADO PALOMARES
- 2018 Hidrogeles mucoadhesivos basados en exopolisacáridos de bacterias, , 01/10/2018-01/10/2019

Responsable ANA ISABEL GONZÁLEZ GARNICA

Responsable VÍCTOR JESÚS GARCÉS ROBLES

- 2018 Two-Dimensional Materials for Carbon Dioxide Separation and Conversion, , 26/09/2018-25/09/2021

Investigador/a LUISA MARÍA PASTRANA MARTÍNEZ

- 2018 Materiales Multifuncionales basados en Imanes Unimoleculares Quirales, , 09/10/2018-08/10/2019

Responsable M^a ANGELES PALACIOS LOPEZ

Contratos de investigación

- 2018 Harvesting Water from air with metal organic frameworks, , 14/02/2018-13/02/2019

Responsable JORGE ANDRÉS RODRÍGUEZ NAVARRO

- 2018 Specification analysis, Concept creation, System Designs, Development and Design, Validation and optimization of sensor systems and Documentation and preparation of presentation materials,

ARTÍCULO 83 LOU, 18/12/2018-18/11/2019

Participante ANTONIO RODRÍGUEZ DIÉGUEZ

- 2018 Nuevas estrategias de innovación tecnológica orientadas a la salud y el bienestar infantil y de la mujer (CARMENTA), Contrato art. 11/45 LRU - 68/83 LOU, 01/06/2018-31/07/2018

Responsable JOSÉ MANUEL DOMÍNGUEZ VERA

Publicaciones en revistas

- 2019 Artículo: Synthesis of TixOy nanocrystals in mild synthesis conditions for the degradation of pollutants under solar light, Applied Catalysis B: Environmental, 241, , 385-392

AGUSTÍN FRANCISCO PÉREZ CADENAS

ESTHER BAILÓN GARCÍA

FRANCISCO CARRASCO MARÍN

FRANCISCO JOSÉ MALDONADO HÓDAR

SERGIO MORALES TORRES

- 2019 Artículo: Carbon-vanadium composites as non-precious catalysts for electro-reduction of oxygen, Carbon, 144, , 289-300

ABDELHAKIM ELMOUWAHIDI

AGUSTÍN FRANCISCO PÉREZ CADENAS

ESTHER BAILÓN GARCÍA

FRANCISCO CARRASCO MARÍN

JESICA CASTELO QUIBÉN

- 2019 Artículo: Expanding graphene properties by a simple S-doping methodology based on cold CS₂ plasma, Carbon, 144, , 269-279

FRANCISCO JAVIER LÓPEZ GARZÓN

MANUEL JOSÉ PÉREZ MENDOZA

MARÍA DOMINGO GARCÍA

VÍCTOR KARIM ABDELKADER FERNÁNDEZ

- 2019 Artículo: Amino-functionalized material from a bio-template for silver adsorption: process evaluation in batch and fixed bed, Journal of Chemical Technology and Biotechnology, 94, 2, 590-599

FRANCISCO CARRASCO MARÍN

MARIA HELENA GARCIA ROSERO

- 2019 Artículo: Multifunctional behavior of molecules comprising stacked cytosine-Ag(I)-cytosine base pairs; towards conducting and photoluminescence silver-DNA nanowires, Chemical Science, 10, , 1126-1137

ANTONIO RODRÍGUEZ DIÉGUEZ

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- 2019 Artículo: Photocatalytic oxidation of diuron using nickel organic xerogel under simulated solar irradiation, Science of the Total Environment, 650, , 1207-1215

ANTONIO JOSÉ MOTA ÁVILA

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- 2019 Artículo: Photocatalytic oxidation of diuron using nickel organic xerogel under simulated solar irradiation, Science of the Total Environment, 0048-9697, , 1207-1215

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MANUEL SANCHEZ POLO

- 2019 Artículo: Apoferritin Protein AApo ferritin Protein Amyloid Fibrils with Tunable Chirality and Polymorphism myloid Fibrils with Tunable Chirality and Polymorphism, Journal of the American Chemical Society, , , -

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ROCÍO JURADO PALOMARES

- 2019 Artículo: Electrochemical detection of copper in water using carbon paste electrodes prepared from bio-template (grapefruit peels) functionalized with carboxyl groups, *Journal of Electroanalytical Chemistry*, 837, , 22-29

FRANCISCO CARRASCO MARÍN

- 2019 Artículo: Removal of bisphenols A and S by adsorption on activated carbon clothes enhanced by the presence of bacteria, *Science of the Total Environment*, 669, , 767-776

CARLOS MORENO CASTILLA

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MANUEL SANCHEZ POLO

MARIA ISIDORA BAUTISTA TOLEDO

- 2019 Artículo: Improved asymmetrical honeycomb monolith catalyst prepared using a 3D printed template, *Journal of Hazardous Materials*, 368, , 638-643

ESTHER BAILÓN GARCÍA

- 2019 Artículo: The use of functionalized carbon xerogels in cells growth, *Materials Science and Engineering: C*, 100, , 598-607

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- 2019 Artículo: Cobalt oxide-carbon nanocatalysts with highly enhanced catalytic performance for the green synthesis of nitrogen heterocycles through Friedländer condensation, *Dalton Transactions*, In Press, , -

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- 2019 Artículo: PrOx catalysts for the combustion of soot generated in diesel engines. Effect of CuO and 3DOM structure, *Catalysis Science and Technology*, In Press, , -

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- 2019 Artículo: From Polyethylene to Highly Graphitic and Magnetic Carbon Spheres Nanocomposites: Carbonization under Pressure, *Nanomaterials*, 9, 4, 606-

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LUISA MARÍA PASTRANA MARTÍNEZ

- 2019 Artículo: Complex formation equilibria of polyamine ligands with copper(II) and zinc(II), *Journal of Inorganic Biochemistry*, 194, , 26-33

ALICIA DOMINGUEZ MARTIN

JOSEFA MARIA GONZALEZ PEREZ

JUAN NICLOS GUTIERREZ

- 2019 Artículo: Tulio, *Anales de la Real Sociedad Española de Química*, 115, 2, 131-131

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- 2019 Artículo: Iterbio, *Anales de la Real Sociedad Española de Química*, 115, 2, 132-

JUAN NICLOS GUTIERREZ

- 2019 Artículo: Effect of the change of the ancillary carboxylate bridging ligand on the SMM and luminescent properties of a series of carboxylatediphenoxido triply bridged dinuclear ZnLn and tetranuclear Zn₂Ln₂ complexes (Ln = Dy, Er), *Dalton Transactions*, 48, , 190-201

ANTONIO RODRÍGUEZ DIÉGUEZ

- 2019 Artículo: Study of the Coordination Modes of Hybrid NNCp Cyclopentadienyl/ Scorpionate Ligands in Ir Compounds, *Inorganic Chemistry: including bioinorganic chemistry*, 58, , 900-908

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- 2019 Artículo: Preparation and Study of the Antibacterial Applications and Oxidative Stress Induction of Copper Maleamate-Functionalized Mesoporous Silica Nanoparticles, *Pharmaceutics*, 11, , 30-47

ANTONIO RODRÍGUEZ DIÉGUEZ

- 2019 Artículo: (Diphenylphosphino)alkylaldehyde affords hydride- or alkyl-[(diphenylphosphino)alkylacyl]rhodium(III) or (diphenylphosphino)alkylester complexes: theoretical and experimental diastereoselectivity, *Dalton Transactions*, 48, , 3300-3313

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- 2019 Artículo: Novel and Versatile Cobalt Azobenzene-Based Metal-Organic Framework as Hydrogen Adsorbent, *Chemphyschem*, 20, , 1334-1339

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- 2019 Artículo: Synthesis of helical aluminium catalysts for cyclic carbonate formation, *Dalton Transactions*,

48, , 4218-4227

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- 2019 Artículo: Effect of metal loading on the CO₂ methanation: A comparison between alumina supported Ni and Ru catalysts, *Catalysis Today*, In Press, , -

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- 2018 Artículo: Polyacrylic acid polymer brushes as substrates for the incorporation of anthraquinone derivatives. Unprecedented application of decorated polymer brushes on organocatalysis, *Applied Surface Science*, 428, , 566-578

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- 2018 Artículo: ACTIVATED CARBONS FROM AGRICULTURAL WASTE SOLVOTHERMALLY DOPED WITH SULPHUR AS ELECTRODES FOR SUPERCAPACITORS, *Chemical Engineering Journal*, 334, , 1835-1841

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- 2018 Artículo: Electrochemical performances of supercapacitors from carbon-ZrO₂ composites, *Electrochimica Acta*, 259, 1, 803-814

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- 2018 Artículo: Modulating Anti-Cancer Potential by Modifying the Structural Properties of a Family of Zinc Metal-Organic Chains Based on 4-Nitro-1H-pyrazole, *Crystal Growth & Design*, 18, , 969-978

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- 2018 Artículo: Effect of calcination temperature of a copper ferrite synthesized by a sol-gel method on its structural characteristics and performance as Fenton catalyst to remove gallic acid from water, *Journal of Colloid and Interface Science*, 511, 1, 193-202

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- 2018 Artículo: Slow relaxation of magnetization and luminescence properties of a novel dysprosium and pyrene-1,3,6,8-tetrasulfonate based MOF, *New Journal of Chemistry*, 42, , 832-837

AMALIA GARCÍA GARCÍA

ANTONIO A. GARCÍA-VALDIVIA VALDIVIA

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- 2018 Artículo: Microfluidic paper-based device for colorimetric determination of glucose based on a metal-organic framework acting as peroxidase mimetic, *Microchimica Acta*, 185, , 47-54

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- 2018 Artículo: Sulfoxide-Induced Homochiral Folding of ortho-Phenylene Ethynylenes (o-OPEs) by Silver(I) Templating: Structure and Chiroptical Properties. DOI: 10.1002/chem.201704897, *Chemistry: A European Journal*, 24, 11, 2653-2662

ANTONIO JOSÉ MOTA ÁVILA

- 2018 Artículo: Lanthanum-doped silica xerogels for the removal of fluorides from waters, *Journal of Environmental Management*, 213, , 549-554

JOSÉ RIVERA UTRILLA

MANUEL SANCHEZ POLO

- 2018 Artículo: Influence of operational parameters on photocatalytic amitrole degradation using nickel organic xerogel under UV irradiation, *Arabian Journal of Chemistry*, 213, , 549-554

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- 2018 Artículo: Bacteria-carried Iron Oxide Nanoparticles for Treatment of Anemia, *Bioconjugate Chemistry*, 29, 5, 1785-1791

ANA ISABEL GONZÁLEZ GARNICA

JOSÉ MANUEL DOMÍNGUEZ VERA

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VÍCTOR JESÚS GARCÉS ROBLES

- 2018 Artículo: Iron nanoparticles-based supramolecular hydrogels to originate anisotropic hybrid materials with enhanced mechanical strength, *Materials Chemistry Frontiers*, 2, , 686-699

JOSÉ MANUEL DELGADO LÓPEZ

- 2018 Artículo: Resorcinol-formaldehyde carbon xerogel as selective adsorbent of carbon dioxide present on biogas, *Adsorption*, 24, 2, 169-177

AGUSTÍN FRANCISCO PÉREZ CADENAS

FRANCISCO CARRASCO MARÍN

FRANCISCO JOSÉ MALDONADO HÓDAR

- 2018 Artículo: Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction, *Nanomaterials*, 8, 4, 266-

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AGUSTÍN FRANCISCO PÉREZ CADENAS

FRANCISCO CARRASCO MARÍN

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JESICA CASTELO QUIBÉN

MARÍA PEREZ CADENAS

- 2018 Artículo: From Carbon Molecular Sieves to VOCs filters: carbon gels with tailored porosity for hexane isomers adsorption and separation, *Microporous and Mesoporous Materials*, 270, , 161-167

AGUSTÍN FRANCISCO PÉREZ CADENAS

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FRANCISCO JOSÉ MALDONADO HÓDAR

- 2018 Artículo: Insights on Carbonaceous Materials Tailoring for Effective Removal of the Anticancer Drug 5-Fluorouracil from Contaminated Waters, *Industrial & Engineering Chemistry Research*, 57, 11, 3932-3940

FRANCISCO JOSÉ MALDONADO HÓDAR

- 2018 Artículo: Influence of surfactants on the physicochemical properties and catalytic behaviour of Mo-doped carbon xerogels, *Catalysis Today*, 301, , 217-225

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FRANCISCO JOSÉ MALDONADO HÓDAR

HANA JIRGLOVÁ

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- 2018 Artículo: Carbon - iron electro-catalysts for CO₂ reduction. The role of the iron particle size, *Journal of CO₂ Utilization*, 24, , 240-249

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MARÍA PEREZ CADENAS

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- 2018 Artículo: Metal-Carbon-CNF Composites Obtained by Catalytic Pyrolysis of Urban Plastic Residues as Electro-Catalysts for the Reduction of CO₂, *Catalysts*, 8, 5, 198-

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- 2018 Artículo: EFFECTS ON ESTROGEN-DEPENDENT AND TRIPLE NEGATIVE BREAST CANCER CELLS GROWTH OF Ni(II), Zn(II) AND Cd(II) COMPLEXES WITH THE SCHIFF BASE DERIVED FROM PYRIDINE-2-CARBOXALDEHYDE AND 5,6-DIAMINO-1,3-DIMETHYLURACIL EXPLORED THROUGH THE RENIN-ANGIOTENSIN SYSTEM, *Journal of Inorganic Biochemistry*, 185, , 52-62

MARÍA PURIFICACIÓN SÁNCHEZ SÁNCHEZ

- 2018 Artículo: Desalination and removal of organic micropollutants and microorganisms by membrane distillation, *Desalination*, 437, , 121-132

SERGIO MORALES TORRES

- 2018 Artículo: Heterogeneous photocatalytic degradation of ibuprofen in ultrapure water, municipal and pharmaceutical industry wastewaters using a UV-LEDs/TiO₂ system, *Chemical Engineering Journal*, 334, , 976-984

LUISA MARÍA PASTRANA MARTÍNEZ

- 2018 Artículo: Solar treatment (H₂O₂, TiO₂-P25 and GO-TiO₂ photocatalysis, photo-Fenton) of organic

- micropollutants, human pathogen indicators, antibiotic resistant bacteria and related genes in urban wastewater, *Water Research*, 135, , 195-206
LUISA MARÍA PASTRANA MARTÍNEZ
- 2018 Artículo: Cascade conversion of cellobiose to gluconic acid: The large impact of a small modification of electronic interaction on the performance of Au/TiO₂ bifunctional catalysts, *Energy Technology*, 6, , 1675-1686
LUISA MARÍA PASTRANA MARTÍNEZ
- 2018 Artículo: TiO₂-based (Fe₃O₄, SiO₂, reduced graphene oxide) magnetically recoverable photocatalysts for imazalil degradation in a synthetic wastewater., *Environmental Science and Pollution Research*, 25, , 27724-27736
LUISA MARÍA PASTRANA MARTÍNEZ
- 2018 Artículo: N- and S-doped graphene derivatives for metal-free and TiO₂- based catalytic ozonation and photocatalytic oxidation of water pollutants, *Chemical Engineering Journal*, 348, , 888-897
LUISA MARÍA PASTRANA MARTÍNEZ
- 2018 Artículo: Copper (II) polyamine chelates as efficient redceptors for acyclovir : shynteses, crystal structures and DFT study, *Polyhedron*, 145, , 218-226
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JOSEFA MARIA GONZALEZ PEREZ
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MARIA EUGENIA GARCIA RUBIÑO
- 2018 Artículo: Using SMILES strings for the description of chemical connectivity in the Crystallography Open Database, *Journal of cheminformatics*, 10, , 23-
MIGUEL QUIRÓS OLOZÁBAL
- 2018 Artículo: A new anthraquinoid ligand for the iron-catalyzed hydrosilylation of carbonyl compounds at room temperature: new insights and kinetics, *Dalton Transactions*, 47, , 7272-7281
ANTONIO RODRÍGUEZ DIÉGUEZ
- 2018 Artículo: Highest reported denticity of a synthetic nucleoside in the unprecedented tetradentate mode of acyclovir (aceptado), *Crystal Growth & Design*, 18, , 4282-4286
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- 2018 Artículo: Individual and simultaneous degradation of antibiotics sulfamethoxazole and trimethoprim by UV and solar radiation in aqueous solution using bentonite and vermiculite as photocatalysts, *Applied Clay Science*, 160, , 217-225
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- 2018 Artículo: Individual and simultaneous degradation of the antibiotics sulfamethoxazole and trimethoprim in aqueous solutions by Fenton, Fenton-like and photo-Fenton processes using solar and UV radiations, *Journal of Photochemistry and Photobiology A: Chemistry*, 360, , 95-108
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- 2018 Artículo: Tinidazole degradation assisted by solar radiation and iron-doped silica xerogels, *Chemical Engineering Journal*, 344, , 21-33
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- 2018 Artículo: Removal of tetracyclines from water by adsorption/bioadsorption and Advanced Oxidation Processes. A short Review, *Current Organic Chemistry*, 22, 10, 1005-1021
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- 2018 Artículo: Hydrosilylation of Carbonyl Compounds Catalyzed through a Lithiated Hydrazone Derivative, *Organometallics*, 37, , 2682-2689
ANTONIO RODRÍGUEZ DIÉGUEZ
- 2018 Artículo: Skin color-specific and spectrally-selective naked-eye dosimetry of UVA, B and C radiations, *Nature Communications*, 9, , 3743-
ANA ISABEL GONZÁLEZ GARNICA
JOSÉ MANUEL DOMÍNGUEZ VERA
- 2018 Artículo: The dynamic art of growing COF crystals, *Science*, 361, 6397, 35-35
JORGE ANDRÉS RODRÍGUEZ NAVARRO
- 2018 Artículo: Development of Vanadium-Coated Carbon Microspheres: Electrochemical Behavior as Electrodes for Supercapacitors, *Advanced Functional Materials*, 28, 35, 1802337-1-1802337-9
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AGUSTÍN FRANCISCO PÉREZ CADENAS

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- 2018 Artículo: Insight of the effect of graphitic cluster in the performance of carbon aerogels doped with nickel as electrodes for supercapacitors, Carbon, 139, , 888-895

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- 2018 Artículo: Development of Composite Materials Based on the Interaction between Nanoparticles and Surfactants for Application in Chemical Enhanced Oil Recovery, Industrial & Engineering Chemistry Research, 57, , 12367-12377

FRANCISCO CARRASCO MARÍN

- 2018 Artículo: Physicochemical properties of new cellulose-TiO₂ composites for the removal of water pollutants: Developing specific interactions and performances by cellulose functionalization, Journal of Environmental Chemical Engineering, 6, , 5032-5041

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- 2018 Artículo: On the Interactions and Synergism between Phases of Carbon-Phosphorus-Titanium Composites Synthesized from Cellulose for the Removal of the Orange-G Dye, Materials, 11, , 1766-1-1766-11

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- 2018 Artículo: Hydrogen cold plasma for the effective reduction of graphene oxide, Applied Surface Science, 464, , 673-681

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- 2018 Artículo: HBPEI-grafted carbon nanotubes for the effective retention of Pd²⁺ and Pt²⁺ through complexation, Inorganic Chemistry Frontiers, 5, 8, 1978-1984

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- 2018 Artículo: Multicomponent Supramolecular Assemblies of Melamine and α -hydroxycarboxylic Acids: Understanding the Hydrogen Bonding Patterns and Their Physicochemical Consequences.

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ESTHER VILCHEZ RODRIGUEZ

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ANA ISABEL GONZÁLEZ GARNICA

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- 2018 Poster en Congreso: Activated carbons prepared by chemical activation of argan seed shells as adsorbent of acetaminophen from aqueous solutions, 41 Reunión Ibérica de Adsorción y 3 Simposio Iberoamericano de Adsorción, 05/09/2018, GIJÓN; ESPAÑA, Congreso

FRANCISCO CARRASCO MARÍN

MARIA ISIDORA BAUTISTA TOLEDO

AGUSTÍN FRANCISCO PÉREZ CADENAS

- 2018 Poster en Congreso: Detección electroquímica de Cu(II) en solución empleando electrodos de pasta de carbono preparados a partir de una matriz orgánica funcionalizada con grupos carboxilo, 41 Reunión Ibérica de Adsorción y 3 Simposio Iberoamericano de Adsorción, 05/09/2018, GIJÓN; ESPAÑA, Congreso

FRANCISCO CARRASCO MARÍN

- 2018 Comunicación en congreso: From carbon molecular sieves to VOCs filters: Carbon gels with tailored porosity for hexane isomers adsorption and separation, 41 Reunión Ibérica de Adsorción y 3 Simposio Iberoamericano de Adsorción, 05/09/2018, GIJÓN; ESPAÑA, Congreso

FRANCISCO CARRASCO MARÍN

AGUSTÍN FRANCISCO PÉREZ CADENAS

FRANCISCO JOSÉ MALDONADO HÓDAR

- 2018 Poster en Congreso: Removal of diclofenac from water solutions by adsorption on spheres of carbon xerogel/clays, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso

FRANCISCO CARRASCO MARÍN

- 2018 Poster en Congreso: Preparation of carbons from grapefruit peels doped with oxygen and nitrogen as anodes for Na-ion batteries, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso

FRANCISCO CARRASCO MARÍN

MARIA HELENA GARCIA ROSERO

- 2018 Poster en Congreso: Nitrogen doped carbon spheres as electrode material for supercapacitors, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso

AGUSTÍN FRANCISCO PÉREZ CADENAS

FRANCISCO CARRASCO MARÍN

ESTHER BAILÓN GARCÍA

ABDELHAKIM ELMOUWAHIDI

- 2018 Poster en Congreso: Manganese oxide-doped activated carbon and its application as electrode for electrochemical supercapacitors, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso

FRANCISCO CARRASCO MARÍN

ESTHER BAILÓN GARCÍA

ABDELHAKIM ELMOUWAHIDI

AGUSTÍN FRANCISCO PÉREZ CADENAS

FRANCISCO JOSÉ MALDONADO HÓDAR

- 2018 Poster en Congreso: NOVEL CARBON-Ti COMPOSITES BASED ON FUNCTIONALIZED CELLULOSE FOR PHOTOCATALYTIC WATER DECONTAMINATION, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso

FRANCISCO CARRASCO MARÍN

FRANCISCO JOSÉ MALDONADO HÓDAR

AGUSTÍN FRANCISCO PÉREZ CADENAS

ESTHER BAILÓN GARCÍA

SERGIO MORALES TORRES

- 2018 Poster en Congreso: Heterogenous Fenton reaction using carbon-Fe catalysts coupled to an in situ H₂O₂ electrogeneration as clean technology for wastewater treatment, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso

FRANCISCO CARRASCO MARÍN

- 2018 Comunicación en congreso: CARBON NANOSPHERES AS MODIFYING AGENT OF SHALLOW RESERVOIRS FOR ENHANCED CARBON CAPTURE AND STORAGE PROCESS-CCS, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso

FRANCISCO CARRASCO MARÍN

AGUSTÍN FRANCISCO PÉREZ CADENAS

- 2018 Comunicación en congreso: Adsorption of diclofenac from aqueous solution onto carbon xerogels. Effect of textural properties and presence of bacteria, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso

MARIA ISIDORA BAUTISTA TOLEDO

FRANCISCO CARRASCO MARÍN

AGUSTÍN FRANCISCO PÉREZ CADENAS

- 2018 Comunicación en congreso: Novel one pot green approach for synthesis of well exfoliated multilayer nitrogen-doped graphene nanosheets, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso
FRANCISCO CARRASCO MARÍN
- 2018 Comunicación en congreso: Carbon nanospheres for in-situ improvement of heavy crude oils in oxidizing and inert atmospheres, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso
FRANCISCO CARRASCO MARÍN
FRANCISCO JOSÉ MALDONADO HÓDAR
- 2018 Comunicación en congreso: Copper ferrite nanospheres synthesized by a solvothermal method as a highly active Fenton catalyst to remove phenolic compounds, 4th International Congress on Water, Waste and Energy Management, 18/07/2018, Madrid, España, Congreso
CARLOS MORENO CASTILLA
- 2018 Comunicación en congreso: Photodegradation of parabens by UV-driven advanced oxidation processes, 4th International Congress on Water, Waste and Energy Management, 18/07/2018, - MADRID, ESPAÑA., Congreso
JOSÉ RIVERA UTRILLA
MANUEL SANCHEZ POLO
- 2018 Comunicación en congreso: Tinidazole degradation assisted by solar radiation and iron-doped silica xerogels, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso
MANUEL SANCHEZ POLO
JOSÉ RIVERA UTRILLA
- 2018 Comunicación en congreso: Halide removal from aqueous solution by novel silver-polymeric materi, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso
JOSÉ RIVERA UTRILLA
MANUEL SANCHEZ POLO
- 2018 Comunicación en congreso: Use of nanostructured materials as anticancer drug carriers, The World Conference on Carbon 2018, 01/07/2018, Madrid (Spain), Congreso
MANUEL SANCHEZ POLO
JOSÉ RIVERA UTRILLA
- 2018 Comunicación en congreso: Photophysical investigation on the interaction between Pt(II) complexes and an RNA G-quadruplex (OL 108), 14th European Biological Inorganic Chemistry Conference, 26/08/2018, Birmingham, Congreso
ALICIA DOMINGUEZ MARTIN
- 2018 Poster en Congreso: On the way to crystallize the intramolecular BCL2 RNA G-quaruplex (P 294), 14th European Biological Inorganic Chemistry Conference, 26/08/2018, Birmingham, Congreso
ALICIA DOMINGUEZ MARTIN
- 2018 Comunicación en congreso: Aiming at the Molecular Structure of novel hybrid metal-DNA systems using 7-deza-adenine nucleobase analogue (invited lecture) IL5, XIV International Symposium on Inorganic Biochemistry, 05/09/2018, Wroclaw, Academy of Business in Dabrowa Górnicza, POLAND, Congreso
ALICIA DOMINGUEZ MARTIN
MIGUEL ANGEL GALINDO CUESTA
- 2018 Poster en Congreso: A photophysical insight on the interaction between RNA G-quadruplex and fluorescent platinum(II) complexes (P1), XIV International Symposium on Inorganic Biochemistry, 05/09/2018, Wroclaw, Academy of Business in Dabrowa Górnicza, POLAND, Congreso
ALICIA DOMINGUEZ MARTIN
- 2018 Comunicación en congreso: MICROWAVE HYDROGEN COLD PLASMA AS REDUCING AGENT FOR GRAPHENE OXIDE, Carbon2018, 01/07/2018, Madrid, Congreso
FRANCISCO JAVIER LÓPEZ GARZÓN
VÍCTOR KARIM ABDELKADER FERNÁNDEZ
MARÍA DOMINGO GARCÍA
MANUEL JOSÉ PÉREZ MENDOZA
- 2018 Poster en Congreso: FUNCTIONALIZATION OF GRAPHENE WITH SULPHUR, Carbon2018, 01/07/2018, Madrid, Congreso
MARÍA DOMINGO GARCÍA
MANUEL JOSÉ PÉREZ MENDOZA
VÍCTOR KARIM ABDELKADER FERNÁNDEZ
FRANCISCO JAVIER LÓPEZ GARZÓN
- 2018 Comunicación en congreso: HBPEI/MWCNTs hybrids for large retention of Pd²⁺ and Pt²⁺ through complexation, 41 Reunión Ibérica de Adsorción y 3 Simposio Iberoamericano de Adsorción, 05/09/2018, GIJÓN; ESPAÑA, Congreso
VÍCTOR KARIM ABDELKADER FERNÁNDEZ

HYDRAZONE COMPLEX, VII Simposio de Ciencias Experimentales, 14/11/2018, - Almería, - ESPAÑA, Congreso

ANTONIO RODRÍGUEZ DIÉGUEZ

- 2018 Comunicación en congreso: COMBUSTIÓN DE CARBONILLA EMPLEANDO CATALIZADORES DE PRASEODIMIA CON ESTRUCTURA 3DOM ALTAMENTE EFECTIVOS, III Encuentro de Jóvenes Investigadores de la Sociedad Española de Catálisis, 25/06/2018, Valencia, España, Congreso

ESTHER BAILÓN GARCÍA

- 2018 Comunicación en congreso: Photocatalytic Removal of NO_x in Gas Phase under Solar Light: Enhancement of Reduction Mechanism using Fe and Co-doped TiO₂, 10th European Meeting on Solar Chemistry and Photocatalysis: Environmental Applications, 04/06/2018, Almería, España, Congreso

ESTHER BAILÓN GARCÍA

- 2018 Comunicación en congreso: Catalizadores basados en xerogeles de carbono con alta actividad catalítica en la reducción de NO_x a bajas temperaturas, XXVI Congreso Iberoamericano de Catálisis, 09/09/2018, - Coimbra, Portugal, Congreso

ESTHER BAILÓN GARCÍA

- 2018 Comunicación en congreso: Catalizadores de praseodimia con estructura tridimensional macroporosa ordenada altamente efectivos para la combustión de carbonilla procedentes de motores diesel, XXVI Congreso Iberoamericano de Catálisis, 09/09/2018, - Coimbra, Portugal, Congreso

ESTHER BAILÓN GARCÍA

- 2018 Ponencia en Congreso: Metalorganic frameworks as platforms for biosignaling molecules, 31st European Crystallographic Meeting, 22/08/2018, Palacio de exhibiciones y congresos de Oviedo, Congreso

CARMEN RODRÍGUEZ MALDONADO

ELISA MARÍA BAREA MARTÍNEZ

- 2018 Ponencia en Congreso: MOF materials as vehicles for the delivery of therapeutic gases, 43rd International Conference on Coordination Chemistry, 30/07/2018, SENDAI, JAPAN, Congreso

ELISA MARÍA BAREA MARTÍNEZ

CARMEN RODRÍGUEZ MALDONADO

- 2018 Conferencias impartidas en Seminario: Modulación de las Propiedades Adsorbentes y Catalíticas de Redes Metal-Orgánicas: Introducción Deliberada de Defectos, Modulación de las Propiedades Adsorbentes y Catalíticas de Redes Metal-Orgánicas: Introducción Deliberada de Defectos, 25/01/2018, Facultad de Química de la Universidad de Murcia, Seminario

ELISA MARÍA BAREA MARTÍNEZ

- 2018 Ponencia en Congreso: Development of photocatalytic membranes for water treatment, The 3rd International Conference on New Photocatalytic Materials for Energy, Environment and Sustainability (NPM-3)/The 4th International Conference on Photocatalytic and Advanced Oxidation Technologies for Treatment of Water, Air, Soil and Surfaces (PAOT), 10/07/2018, - Oporto, Portugal, Congreso

SERGIO MORALES TORRES

- 2018 Ponencia en Congreso: Metal-organic frameworks as platforms for the therapeutic release of carbon monoxide, 43rd International Conference on Coordination Chemistry, 30/07/2018, SENDAI, JAPAN, Congreso

CARMEN RODRÍGUEZ MALDONADO

ELISA MARÍA BAREA MARTÍNEZ

JORGE ANDRÉS RODRÍGUEZ NAVARRO

- 2018 Ponencia en Congreso: Control de la morfología y tamaño de partícula en materiales liberadores de CO basados en redes metalorgánicas, 18ª Reunión Del Grupo Especializado De Química Inorgánica. 12ª Reunión Del Grupo Especializado De Química De Estado Sólido, 17/06/2018, La Laguna, Tenerife, Congreso

CARMEN RODRÍGUEZ MALDONADO

ELISA MARÍA BAREA MARTÍNEZ

- 2018 Poster en Congreso: Nuevos complejos metálicos de iones lantánidos con 7-amino-5-metil-1,2,4-triazolo[1,5-a]pirimidina. Síntesis, caracterización estructural y actividad leishmanicida., 18ª Reunión del Grupo Especializado de Química Inorgánica y 12ª Reunión del Grupo Especializado de Química de Estado Sólido, 17/06/2018, La Laguna (Tenerife, España), Congreso

MIGUEL QUIRÓS OLOZÁBAL

GINÉS MIGUEL ESTEBAN PARRA

JUAN MANUEL SALAS PEREGRÍN

- 2018 Poster en Congreso: Nanopartículas de fibroína de seda como vehículos de un nuevo profármaco fotoactivo de CO, 18ª Reunión del Grupo Especializado de Química Inorgánica y 12ª Reunión del Grupo Especializado de Química de Estado Sólido, 17/06/2018, La Laguna (Tenerife, España), Congreso

MIGUEL QUIRÓS OLOZÁBAL

CARMEN RODRÍGUEZ MALDONADO

ELISA MARÍA BAREA MARTÍNEZ

- 11/04/2018, Facultad de Medicina, UNIVERSIDAD COMPLUTENSE MADRID, ESPAÑA, Congreso
CARMEN ENRIQUE MIRÓN
- 2018 Poster en Congreso: Hábitos de consumo de bebidas energéticas en jóvenes de la ciudad autónoma de Melilla. Un estudio diagnóstico, XXII Jornadas de Nutrición Práctica y XII Congreso Internacional de nutrición, alimentación y dietética, 11/04/2018, Facultad de Medicina, UNIVERSIDAD COMPLUTENSE MADRID, ESPAÑA, Congreso
CARMEN ENRIQUE MIRÓN
- 2018 Comunicación en Jornada: Dificultades de comprensión lectora: pautas didácticas para su tratamiento con los prospectos de los medicamentos, VII Jornadas de Intercambio de Experiencias Educativas. La innovación educativa en el entorno melillense, 24/04/2018, CAMPUS DE MELILLA, Jornada
CARMEN ENRIQUE MIRÓN
- 2018 Poster en Congreso: Activity concentration of 7Be and 210Pb in aerosols at two heights (2550 and 687 m asl) in the southeast of Spain, Iberian Meeting on Aerosol Science and Technology (RICTA2018), 20/06/2018, Bilbao (Spain) 20 a 22 de Junio 2018, Congreso
MARÍA ÁNGELES FERRO GARCÍA
FRANCISCO PIÑERO GARCÍA
- 2018 Poster en Congreso: Activity concentration of 7Be and 210Pb in aerosols at two heights (2550 and 687 m asl) in the southeast of Spain, Iberian Meeting on Aerosol Science and Technology (RICTA2018), 20/06/2018, UNED, Bilbao (Spain), Congreso
MARÍA ÁNGELES FERRO GARCÍA
- 2018 Poster en Congreso: Calidad del aire en Sierra Nevada, I Congreso Internacional de las Montañas, Sierra Nevada 2018, 08/03/2018, GRANADA (SPAIN), Congreso
MARÍA ÁNGELES FERRO GARCÍA
FRANCISCO PIÑERO GARCÍA
- 2018 Otros posters divulgativos: ¿Es magia? No es ¡química!, Desgranando Ciencia 5, 13/12/2018, Facultad de Ciencias Universidad de Granada, Otra actividad de divulgación
ALICIA DOMINGUEZ MARTIN
MARIA EUGENIA GARCIA RUBIÑO
JUAN NICLOS GUTIERREZ
JOSEFA MARIA GONZALEZ PEREZ
- 2018 Poster en Congreso: Leishmanicidal activity of new lanthanide complexes containing 7-amino-5-methyl-1,2,4-triazolo[1,5-a]pyrimidine., 14th European Biological Inorganic Chemistry Conference, 26/08/2018, Birmingham (UK), Congreso
MIGUEL QUIRÓS OLOZÁBAL
JUAN MANUEL SALAS PEREGRÍN
GINÉS MIGUEL ESTEBAN PARRA
- 2018 Poster en Congreso: Structural Characterization and Electrical Properties of Helices Comprising Silver-Mediated Cytosine Pairs upon reduction with cold Hydrogen plasma, SPM Meeting 2018, 25/06/2018, Leeds, Congreso
FÁTIMA LINARES ORDOÑEZ
MIGUEL ANGEL GALINDO CUESTA
- 2018 Ponencia en Congreso: PROPIEDADES NANOSCÓPICAS DE MATERIALES BASADOS EN PARES DE BASES MEDIADAS POR PLATA (I), I Congreso sobre Materiales Multifuncionales para Jóvenes, 03/09/2018, , , , , , , , . FACULTAD DE CIENCIAS UNIVERSIDAD DE GRANADA, Congreso
FÁTIMA LINARES ORDOÑEZ
- 2018 Ponencia en Congreso: Silver-mediated base pairs involving 7-deazaadenine nucleobase; solution and solid-state studies, European Biological Inorganic Chemistry Conference, 26/08/2018, Birmingham, Congreso
MIGUEL ANGEL GALINDO CUESTA
JOSÉ MANUEL MÉNDEZ ARRIAGA
- 2018 Ponencia en Congreso: 7-deazaadenine and 7-deazaguanine: versatile nucleobase analogues for DNA-based nanoscience, 7th EuCheMS Conference on Nitrogen Ligands, 04/09/2018, Lisboa, Portugal, Congreso
JOSÉ MANUEL MÉNDEZ ARRIAGA
JUAN MANUEL SALAS PEREGRÍN
MIGUEL ANGEL GALINDO CUESTA
- 2018 Comunicación en congreso: Performance, cytotoxicity and transformation products of sulfonamide antibiotics oxidation with ferrate, 4th International Congress on Water, Waste and Energy Management, 18/07/2018, Madrid, España, Congreso
MANUEL SANCHEZ POLO
JOSÉ RIVERA UTRILLA
- 2018 Sesión no plenaria en Jornada: Hidrogeles para encapsulación de probióticos, I Jornada de Jóvenes

Investigadores en Bioinorgánica, 11/06/2018, , , , , , , , , . FACULTAD DE CIENCIAS UNIVERSIDAD DE GRANADA, Jornada

ANA ISABEL GONZÁLEZ GARNICA

CARMEN HURTADO MORALES

LAURA SABIO RODRÍGUEZ

JOSÉ MANUEL DOMÍNGUEZ VERA

- 2018 Sesión no plenaria en Congreso: Lactobacillus fermentum acts as a carrier of iron oxide nanoparticles: A new strategy for iron supplementation, IX Workshop SEPyP Sociedad Española de Probióticos y Prebióticos, 15/02/2018, Zaragoza, España, Congreso

ANA ISABEL GONZÁLEZ GARNICA

VÍCTOR JESÚS GARCÉS ROBLES

NATIVIDAD GÁLVEZ RODRÍGUEZ

JOSÉ MANUEL DOMÍNGUEZ VERA