

Ficha de grupo de investigación

GRUPO DE INVESTIGACIÓN EN MATERIALES DE CARBÓN

Código: RNM172

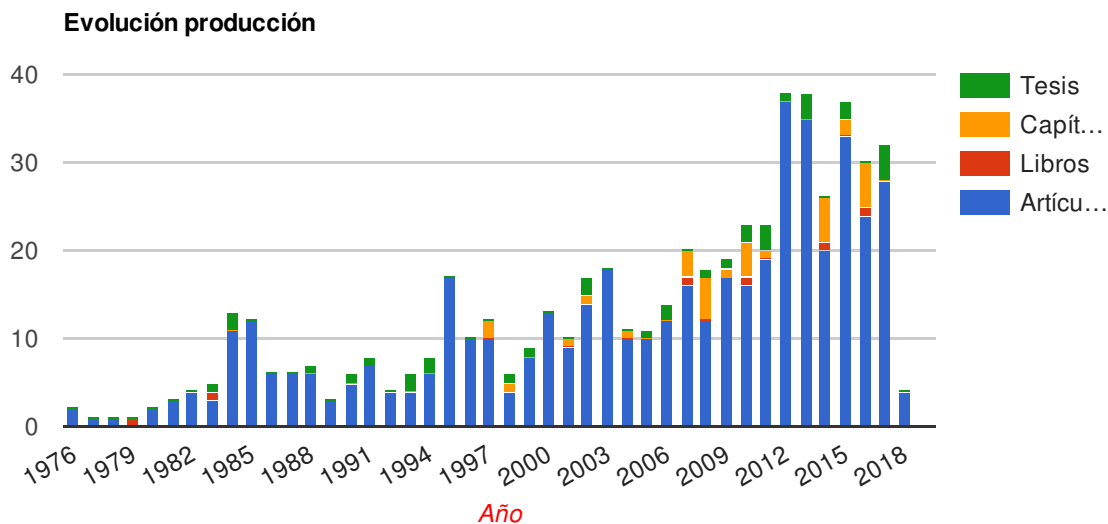
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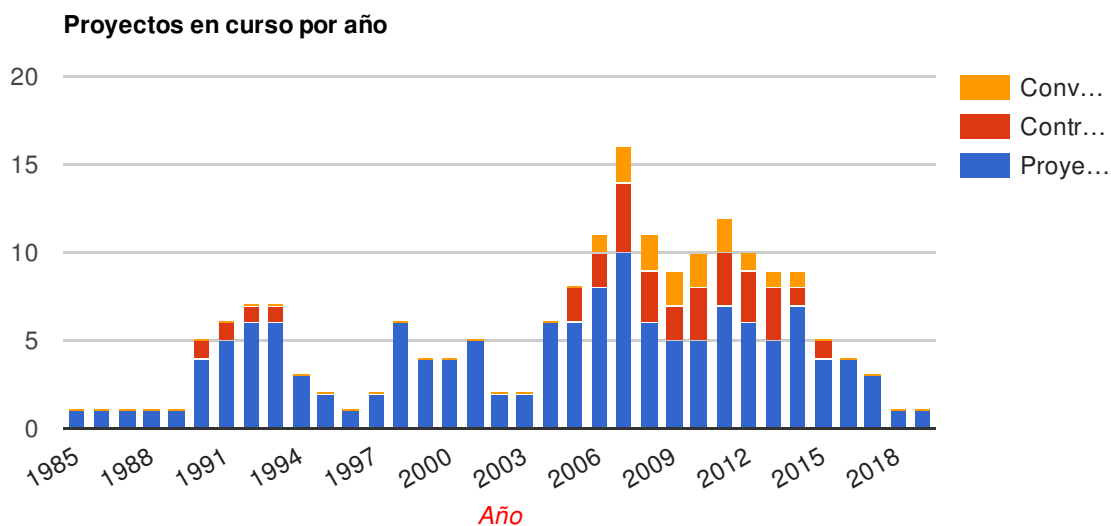
Producción 1151

- Artículos (1023)
- Libros (7)
- Capítulos de Libros (63)
- Tesis dirigidas (58)



Proyectos dirigidos 63

- Proyectos (44)
- Contratos (9)
- Convenios (10)



Actividades 17

Titulo publicación	Fuente	Tipo	Fecha
Activated carbons from agricultural waste solvothermally doped with sulphur as electrodes for supercapacitors	Chemical engineering journal	Articulo	2018
Carbon-tio2 composites as high-performance supercapacitor electrodes: synergistic effect between carbon and metal oxide phases	Journal of materials chemistry a	Articulo	2018
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	Articulo	2018
Electrochemical performances of supercapacitors from carbon-zro2 composites	Electrochimica acta	Articulo	2018
: ch3-tagged bis (pyrazolato)-based cps and mofs: an experimental and theoretical insight	Crystal growth and design	Articulo	2017
Activated carbons from koh and h3po4-activation of olive residues and its application as supercapacitor electrodes	Electrochimica acta	Articulo	2017
Advanced oxidation processes based on the use of uvc and simulated solar radiation to remove the antibiotic tinidazole from water	Chemical engineering journal	Articulo	2017
Biogas upgrading by selective adsorption onto co2 activated carbon from wood pellets	Journal of environmental chemical engineering	Articulo	2017
Carbon dioxide hydrogenation over supported au nanoparticles: effect of the support	Journal of co2 utilization	Articulo	2017
Catalytic decomposition of n2o on inorganic oxides: effect of doping with au nanoparticles	Molecular catalysis	Articulo	2017
Chars from waste tire rubber by catalytic pyrolysis and the statistical analysis of the adsorption of fe in potable water	Environmental progress & sustainable energy	Articulo	2017
Cobalt-doped carbon gels as electro-catalysts for the reduction of co2 to hydrocarbons	Catalysts	Articulo	2017
Desarrollo de filtros basados en materiales de carbón nanoestructurados para separación o purificación de gases	Universidad de granada. facultad de ciencias	Tesis doctoral	2017
Development of carbon-zro2composites with high performance as visible-light photocatalysts	Applied catalysis b: environmental	Articulo	2017
Development of carbon-zro2composites with high performance as visible-light photocatalysts	Applied catalysis b: environmental	Articulo	2017
Electrochemical performances of supercapacitors from carbon-zro2 composites	Electrochimica acta	Articulo	2017
Electrodos basados en carbón, obtenidos a partir de residuos agrícolas y geles de carbono, para supercondensadores y electro-reducción de oxígeno	Facultad de ciencias	Tesis doctoral	2017
Functionalized adsorbents prepared from fruit peels: equilibrium, kinetic and thermodynamic studies for copper adsorption in aqueous solution	Journal of cleaner production	Articulo	2017
Geles de carbón para electro-reducción de co2 a hidrocarburos, electro-reducción de oxígeno, y almacenamiento de energía	Universidad de granada, granada. españa	Tesis doctoral	2017
Grapefruit peels as biosorbent: characterization and use in batch and fixed bed column for cu(ii) uptake from wastewater	Journal of chemical technology and biotechnology	Articulo	2017
Highly efficient and selective catalytic synthesis of quinolines involving transition-metal-doped carbon aerogels	Chemcatchem	Articulo	2017
Highly active and stable tio2-supported au nanoparticles for co2 reduction	Catalysis communications	Articulo	2017
Impact of air masses on the distribution of 210pb in the southeast of iberian peninsula air.	Journal of environmental radioactivity	Articulo	2017
Metal-free synthesis of quinolines catalyzed by carbon aerogels:	Chemical engineering journal	Articulo	2017

influence of the porous texture and surface	Chemical engineering journal	Artículo	2017
New carbon xerogel-tio ₂ composites with high performance as visible-light photocatalysts for dye mineralization	Applied catalysis b: environmental	Artículo	2017
Optimization models type box-behnken in the obtaining of biodiesel from waste frying oil using a large-acidity carbonaceous catalyst	International journal of chemical reactor engineering	Artículo	2017
Orange ii degradation by wet peroxide oxidation using au nanosized catalysts: effect of the support		Artículo	2017
Orange ii degradation by wet peroxide oxidation using au nanosized catalysts: effect of the support	Industrial & engineering chemistry research	Artículo	2017
Organic xerogels doped with tris(2, 2'-bipyridine) ruthenium (ii) as hydroxyl radical promoters: synthesis, characterization, and photoactivity	Chemical engineering journal	Artículo	2017
Role of activated carbon surface chemistry in its photocatalytic activity and the generation of oxidant radicals under uv or solar radiation	Applied catalysis b: environmental	Artículo	2017
Supported gold nanoparticles as reusable catalysts for oxidation reactions of industrial significance	Chemcatchem	Artículo	2017
Symmetric supercapacitor electrodes from koh activation of pristine, carbonized, and hydrothermally treated melia azedarach stones	Materials	Artículo	2017
Synthesis and characterization of solid polymer and carbon spheres derived from an emulsion polymerization reaction of different phenolic compounds with formaldehyde	Colloids and surfaces. a, physicochemical and engineering aspects	Artículo	2017
Síntesis, características superficiales y aplicaciones electroquímicas de esferas y monolitos de carbono y carbones activados. efecto de los precursores de carbono y del contenido en n	Universidad de granada. facultad de ciencias	Tesis doctoral	2017
Wet peroxide oxidation of dye-containing wastewaters using nanosized au supported on al ₂ o ₃	Catalysis today	Artículo	2017
¿removal of methylene blue from aqueous solutions by biosorption on white pine (pinus durangensis) sawdust. effect of operating conditions and mechanism¿	Sustainable environment research	Artículo	2017
Adsorption mechanism of chromium(iii) from water solution on bone char: effect of operating conditions	Adsorption	Artículo	2016
Aplicaciones de adsorbentes y catalizadores en procesos medioambientales y energéticos	Universidad internacional de andalucía	Libros	2016
Application of au/tio ₂ catalysts in the low-temperature water-¿gas shift reaction	International journal of hydrogen energy	Artículo	2016
Catalizadores y membranas para purificación y tratamiento de aguas	Aplicaciones de adsorbentes y catalizadores en procesos medioambientales y energéticos	Capítulo de libro	2016
Chemoselective pt-catalysts supported on carbon-tio ₂ composites for the direct hydrogenation of citral to unsaturated alcohols	Journal of catalysis	Artículo	2016
Controlling interpenetration for tuning porosity and luminescence properties of flexible mofs based on biphenyl-4,4'-dicarboxylic acid	Crystengcomm	Artículo	2016
Coupling of acrylic dyeing wastewater treatment by heterogeneous fenton oxidation in a continuous stirred tank reactor with biological degradation in a sequential batch reactor	Journal of environmental management	Artículo	2016
Effect of the addition of a second phenol on the textural properties of carbon aerogels	Adsorption	Artículo	2016

Free metal oxygen-reduction electro-catalysts obtained from biomass residue of the olive oil industry	Chemical engineering journal	Articulo	2016
Graphene-based membranes for separation engineering	Graphene technology: from laboratory to fabrication	Capítulo de libro	2016
Halide removal from aqueous solution by novel silver-polymeric materials	Science of the total environment	Articulo	2016
Importance of the adsorption method used for obtaining the nanoparticle dosage for asphaltene-related treatments	Energy & fuels	Articulo	2016
Influence of the pt-particle size on the performance of carbon supported catalysts used in the hydrogenation of citral	Catalysis communications	Articulo	2016
Mixed iron oxides as fenton catalysts for gallic acid removal from aqueous solutions	Applied catalysis b: environmental	Articulo	2016
Monolitos de carbón en adsorción y catálisis	Aplicaciones de adsorbentes y catalizadores en procesos medioambientales y energéticos	Capítulo de libro	2016
Organic xerogels doped with tris(2, 2'-bipyridine) ruthenium (ii) as hydroxyl radical promoters: synthesis, characterization, and photoactivity	Chemical engineering journal	Articulo	2016
Overall adsorption rate of metronidazole, dimetridazole and diatrizoate on activated carbons prepared from coffee residues and almond shells	Journal of environmental management	Articulo	2016
Oxidation of diatrizoate in aqueous phase by advanced oxidation processes based on solar radiation	Journal of photochemistry and photobiology a: chemistry	Articulo	2016
Photoactivity of organic xerogels and aerogels in the photodegradation of herbicides from waters	Applied catalysis b: environmental	Articulo	2016
Photocatalytic reduction of co2 with water into methanol and ethanol using graphene derivative-tio2 composites: effect of ph and copper (i) oxide	Topics in catalysis	Articulo	2016
Polymer membranes for water desalination and treatment	Nanostructured polymer membranes - applications	Capítulo de libro	2016
Preparation of polyethylene composites containing silver (i) acylpyrazolonato additives and sar investigation of their antibacterial activity	Acs applied materials and interfaces	Articulo	2016
Reduced graphene oxide catalysts for efficient regeneration of cobalt-based redox electrolytes in dye-sensitized solar cells	Electrochimica acta	Articulo	2016
Removal of compounds used as plasticizers and herbicides from water by means of gamma irradiation	Science of the total environment	Articulo	2016
Removal of fluoride from aqueous solution using acid and thermally treated bone char	Adsorption	Articulo	2016
Role of 1[o2]* in chlortetracycline degradation by solar radiation assisted by ruthenium metal complexes	Chemical engineering journal	Articulo	2016
Selective hydrogenation of citral by noble metals supported on carbon xerogels: catalytic performance and stability	Applied catalysis a: general	Articulo	2016
Thin-film composite forward osmosis membranes based on polysulfone supports blended with nanostructured carbon materials	Journal of membrane science	Articulo	2016
Uso de materiales de carbón para el almacenamiento y la producción de energía	Aplicaciones de adsorbentes y catalizadores en procesos medioambientales y energéticos	Capítulo de libro	2016
When carbon meets light: synergistic effect between carbon nanomaterials and metal oxide semiconductors for photocatalytic applications	Boletín del grupo español del carbón	Articulo	2016

A cluster analysis of back trajectories to study the behavior of radioactive aerosols in the south-east of Spain	Journal of environmental radioactivity	Articulo	2015
A facile approach for the development of fine-tuned, self-standing graphene oxide membranes and their gas and vapor separation performance	Journal of membrane science	Articulo	2015
About the control of VOCs emissions from blended fuels by developing specific adsorbents using agricultural residues	Journal of environmental chemical engineering	Articulo	2015
About the control of VOCs emissions from blended fuels by developing specific adsorbents using agricultural residues		Articulo	2015
Bacteria supported on carbon films for water denitrification	Chemical engineering journal	Articulo	2015
Carbon-based TiO ₂ materials for the degradation of microcystin-LA	Applied catalysis B: environmental	Articulo	2015
Ceramic photocatalytic membranes for water filtration under UV and visible light	Applied catalysis B: environmental	Articulo	2015
Coupling noble metals and carbon supports in the development of combustion catalysts for the abatement of BTX compounds in air streams	Catalysts	Articulo	2015
Degradation of diphenhydramine pharmaceutical by photo-Fenton using magnetically recoverable iron oxide nanoparticles as catalyst	Chemical engineering journal	Articulo	2015
Development of carbon xerogels as alternative Pt-supports for the selective hydrogenation of citral	Catalysis communications	Articulo	2015
Effect of HO ₂ , SO ₄ ⁻ and CO ₃ ⁻ /HCO ₃ ⁻ radicals on the photodegradation of the herbicide amitrol by UV radiation in aqueous solution	Chemical engineering journal	Articulo	2015
Effect of dilution ratio and drying method of resorcinol-formaldehyde carbon gels on their electrocapacitive properties in aqueous and non-aqueous electrolytes	Journal of sol-gel science and technology	Articulo	2015
Effect of radical peroxide promoters on the photodegradation of cytarabine antineoplastic in water	Chemical engineering journal	Articulo	2015
Fenton oxidation of gallic and p-coumaric acids in water assisted by an activated carbon cloth	Water science and technology	Articulo	2015
Fitting the porosity of carbon xerogel by CO ₂ activation to improve the TMP/n-octane separation	Microporous and mesoporous materials	Articulo	2015
Graphene derivatives in photocatalysis	Graphene-based energy devices	Capítulo de libro	2015
Graphene oxide based ultrafiltration membranes for photocatalytic degradation of organic pollutants in salty water	Water research	Articulo	2015
Graphene-based materials for the catalytic wet peroxide oxidation of highly concentrated 4-nitrophenol solutions	Catalysis today	Articulo	2015
Heterogeneous Fenton's oxidation using Fe/ZSM-5 as catalyst in a continuous stirred tank reactor	Separation and purification technology	Articulo	2015
Hidrogenación selectiva de aldehídos alfa,beta-insaturados y foto-degradación de contaminantes empleando catalizadores basados en xerogeles de carbón		Tesis doctoral	2015
Influence of the physicochemical properties of inorganic supports on the activity of immobilized bacteria for water denitrification	Journal of environmental management	Articulo	2015
Influence of the pretreatment conditions on the development and performance of active sites of Pt/TiO ₂ catalysts used for the selective citral hydrogenation	Journal of catalysis	Articulo	2015
Integrated technologies based on the use of activated carbon and radiation to remove contaminants present in landfill leachates		Articulo	2015

Integrated technologies based on the use of activated carbon and radiation to remove contaminants present in landfill leachates	Landfills and recycling centers. processing systems, impact on the environment and adverse health effects	Capítulo de libro	2015
Mesoporous carbon-xerogels films obtained by microwave assisted carbonization	Materials letters	Artículo	2015
Modeling adsorption rate of tetracyclines on activated carbons from aqueous phase	Chemical engineering research & design	Artículo	2015
Molecular imprinted polymer to remove tetracycline from aqueous solutions	Microporous and mesoporous materials	Artículo	2015
Monte carlo analysis of the influence of germanium dead layer thickness on the hpge gamma detector experimental efficiency measured by use of extended sources	Applied radiation and isotopes	Artículo	2015
Multi-walled carbon nanotube/pvdf blended membranes with sponge- and finger-like pores for direct contact membrane distillation	Desalination	Artículo	2015
N-modified tio2 photocatalytic activity towards diphenhydramine degradation and escherichia coli inactivation in aqueous solutions	Applied catalysis b: environmental	Artículo	2015
Nanodiamond-tio2 composites for photocatalytic degradation of microcystin-la in aqueous solutions under simulated solar light	Rsc advances: an international journal to further the chemical sciences	Artículo	2015
Nitrogen-doped graphene-based materials for advanced oxidation processes	Catalysis today	Artículo	2015
Photocatalytic degradation of estradiol under simulated solar light and assessment of estrogenic activity	Applied catalysis b: environmental	Artículo	2015
Recubrimiento de hormigones porosos con materiales de carbón para su uso en descontaminación ambiental	Universidad de granada, granada, españa	Tesis doctoral	2015
Role of nitrogen doping on the performance of carbon nanotube catalysts: a catalytic wet peroxide oxidation application	Chemcatchem	Artículo	2015
Role of activated carbon on micropollutants degradation by different radiation processes	Mediterranean journal of chemistry	Artículo	2015
Single, competitive, and dynamic adsorption on activated carbon of compounds used as plasticizers and herbicides	Science of the total environment	Artículo	2015
Aplicaciones de los materiales de carbón en catálisis	Desarrollo y aplicaciones de materiales avanzados de carbón	Capítulo de libro	2014
Capítulo vii - participación del carbón activado en procesos de eliminación de fármacos presentes en las aguas	Desarrollo y aplicaciones de materiales avanzados de carbón	Capítulo de libro	2014
Caracterización textural y química de materiales de carbón	Desarrollo y aplicaciones de materiales avanzados de carbón	Capítulo de libro	2014
Comparative study of oxidative degradation of sodium diatrizoate in aqueous solution by h ₂ o ₂ /fe ²⁺ , h ₂ o ₂ /fe ³⁺ , fe (vi) and uv, h ₂ o ₂ /uv, k ₂ s ₂ o ₈ /uv	Chemical engineering journal	Artículo	2014
Cooperative adsorption of bisphenol-a and chromium(iii) ions from water on activated carbons prepared from olive-mill waste	Carbon	Artículo	2014
Cooperative adsorption of bisphenol-a and chromium(iii) ions from water on activated carbons prepared from olive-mill waste	Carbon	Artículo	2014
Degradation of emerging aromatic micropollutants by uv-based oxidation processes	Uv radiation. properties, effects, and applications	Capítulo de libro	2014
Degradation of emerging aromatic micropollutants by uv-based oxidation processes	Uv radiation. properties, effects, and applications	Capítulo de libro	2014

Desarrollo y aplicaciones de materiales avanzados de carbón	Universidad internacional de andalucía	Libros	2014
Effect of the preparation method on the catalytic activity and stability of au/fe ₂ o ₃ catalysts in the low-temperature water-gas shift reaction	Applied catalysis a: general	Articulo	2014
Effects of oxidant acid treatments on carbon-templated hierarchical sago-11 materials: synthesis, characterization and catalytic evaluation in n-decane hydroisomerization	Applied catalysis a: general	Articulo	2014
El carbón activado como promotor de especies altamente oxidantes en su interacción con la radiación gamma	Boletín del grupo español del carbón	Articulo	2014
Hydrothermal synthesis of iron oxide photo-fenton catalysts: the effect of parameters on morphology, particle and catalytic efficiency	Global nest journal (print)	Articulo	2014
Influence of the boron precursor and drying method on surface properties and electrochemical behaviour of boron-doped carbon gels	Langmuir	Articulo	2014
Microspheres of carbon xerogel: an alternative pt-support for the selective hydrogenation of citral	Applied catalysis a: general	Articulo	2014
Modification of the surface chemistry of single- and multi-walled carbon nanotubes by hno ₃ and h ₂ so ₄ hydrothermal oxidation for application on direct contact membrane distillation	Physical chemistry chemical physics	Articulo	2014
On porosity of archeological bones i- textural characterization of pathological spanish medieval human bones	Palaeogeography, palaeoclimatology, palaeoecology	Articulo	2014
On porosity of archeological bones ii. textural characterization of mesoamerican human bones		Articulo	2014
Photodegradation of herbicides with different chemical natures in aqueous solution by ultraviolet radiation. effects of operational variables and solution chemistry	Chemical engineering journal	Articulo	2014
Prototype composite membranes of partially reduced graphene oxide/tio ₂ for photocatalytic ultrafiltration water treatment under visible light	Applied catalysis b: environmental	Articulo	2014
Removal of the antibiotic metronidazole by adsorption on different novel carbon materials from aqueous phase	Journal of colloid and interface science	Articulo	2014
Removal of the surfactant sodium dodecylbenzenesulfonate from water by processes based on adsorption/bioadsorption and biodegradation	Journal of colloid and interface science	Articulo	2014
Role of activated carbon on micropollutants degradation by ionizing radiation	Carbon	Articulo	2014
Role of oxygen functionalities on the synthesis of photocatalytically active graphene-tio ₂ composite	Applied catalysis b: environmental	Articulo	2014
Surface modifications of activated carbon by gamma irradiation	Carbon	Articulo	2014
Tailoring the surface chemistry and porosity of activated carbons: evidence of reorganization and mobility of oxygenated surface groups	Carbon	Articulo	2014
Activated carbon as photocatalyst of reactions in aqueous phase	Applied catalysis b: environmental	Articulo	2013
Advances in the development of nanostructured catalysts based on carbon gels	Catalysis today	Articulo	2013
Biodiesel production using calcium manganese oxide as catalyst and different raw materials	Energy conversion and management	Articulo	2013
Carbon xerogel microspheres and monoliths from resorcinol-formaldehyde mixtures with varying dilution ratios. preparation, surface characteristics, and electrochemical double layer	Langmuir	Articulo	2013

surface characteristics, and electrochemical double-layer capacitances			
Catalysts supported on carbon materials for the selective hydrogenation of citral	Catalysts	Articulo	2013
Chemical control of the characteristics of mo-doped carbon xerogels by surfactant-mediated synthesis	Carbon	Articulo	2013
Comparative study of the photodegradation of bisphenol a by ho·, so4· $\bar{2}$ and co3· $\bar{2}$ /hco3· radicals in aqueous phase	Science of the total environment	Articulo	2013
Degradation of x-ray contrast media diatrizoate in different water matrices by gamma irradiation	Journal of chemical technology and biotechnology	Articulo	2013
Degradation of tetracyclines in different water matrices by advanced oxidation/reduction processes based on gamma radiation	Journal of chemical technology and biotechnology	Articulo	2013
Discharges of nuclear medicine radioisotopes in spanish hospitals	Journal of environmental radioactivity	Articulo	2013
Electrochemical performance of cu- and ag-doped carbon aerogels	materials chemistry and physics	Articulo	2013
Enlarging an isorecticular family: 3,3 $\bar{2}$,5,5 $\bar{2}$ -tetramethyl-4, 4 $\bar{2}$ -bipyrazolato-based porous coordination polymers	Crystal growth and design	Articulo	2013
Estudio radiológico ambiental en el sur-este de la península ibérica	Facultad de ciencias	Tesis doctoral	2013
Evolution and solar modulation of 7be during the solar cycle 23	Journal of radioanalytical and nuclear chemistry	Articulo	2013
Geles de carbón y carbones activados como electrodos de supercondensadores	Universidad pontificia bolivariana, medellín, colombia	Tesis doctoral	2013
Graphene oxide-p25 photocatalysts for degradation of diphenhydramine pharmaceutical and methyl orange dye	Applied surface science	Articulo	2013
Growth and spontaneous differentiation of umbilical-cord stromal stem cells on activated carbon cloth	Journal of materials chemistry b	Articulo	2013
Importance of the rheological properties of the organic sol mixtures in the preparation of cu-doped carbon xerogels	Carbon	Articulo	2013
Influence of the iron precursor in the preparation of heterogeneousfe/activated carbon fenton-like catalysts	Applied catalysis a: general	Articulo	2013
Metal-doped carbon xerogels for the electro-catalytic conversion of co2 to hydrocarbons	Carbon	Articulo	2013
Nanodiamond-tio2 composites for heterogeneous photocatalysi	Chempluschem	Articulo	2013
Nanotubos e grafeno: os primos mais jovens na família do carbono!	Boletim da sociedade portuguesa de química	Articulo	2013
New insight about orange ii elimination by characterization of spent activated carbon /fe fenton-like catalysts	Applied catalysis b: environmental	Articulo	2013
Nitroimidazoles adsorption on activated carbon cloth from aqueous solution	Journal of colloid and interface science	Articulo	2013
Pharmaceuticals as emerging contaminants and their removal from water. a review	Chemosphere	Articulo	2013
Photocatalytic behaviour of nanocarbon-tio2 composites and immobilization into hollow fibres	Applied catalysis b: environmental	Articulo	2013
Photocatalytic degradation of caffeine: developing solutions for emerging pollutants	Catalysis today	Articulo	2013
Removal of diethyl phtalate from water solution by adsorption, photo-oxidation, ozonation and advanced oxidation process (uv/h2o2, o3/h2o2 and o3/activated carbon	Science of the total environment	Articulo	2013
Removal of diethyl phtalate from water solution by adsorption, phtooxidation, ozonation and advanced oxidation process	Science of the total environment	Articulo	2013

(uv/h ₂ O ₂ , O ₃ /h ₂ O ₂ , O ₃ /activated carbon)			
Role of HO [•] and SO ₄ ^{•-} radicals on the photodegradation of remazol red in aqueous solution	Chemical engineering journal	Articulo	2013
Role of pore volume and surface diffusion in the adsorption of aromatic compounds on activated carbon	Adsorption	Articulo	2013
Synthesis, surface characteristics, and electrochemical capacitance of Cu-doped carbon xerogel microspheres	Carbon	Articulo	2013
Tailoring activated carbons for the development of specific adsorbents of gasoline vapors	Journal of hazardous materials	Articulo	2013
Tetracycline removal from water by adsorption/bioadsorption on activated carbons and sludge-derived adsorbents	Journal of environmental management	Articulo	2013
TiO ₂ , surface modified TiO ₂ and graphene oxide-TiO ₂ photocatalysts for degradation of water pollutants under near-UV/vis and visible light	Chemical engineering journal	Articulo	2013
Treatment of textile effluents by Fenton-like processes with carbon based catalysts	Universidade do Porto. Faculdade de Engenharia	Tesis doctoral	2013
Treatment of textile effluents by the heterogeneous Fenton process in a continuous packed-bed reactor using Fe/activated carbon as catalyst	Chemical engineering journal	Articulo	2013
Treatment of water contaminated with diphenolic acid by gamma radiation in the presence of different compounds	Chemical engineering journal	Articulo	2013
7Be behaviour in the atmosphere of the city of Granada January 2005 to December 2009	Atmospheric environment	Articulo	2012
Activated carbons from KOH-activation of argan (Argania spinosa) seed shells as supercapacitor electrodes	Bioresource technology	Articulo	2012
Adsorption/bioadsorption of phthalic acid, an organic micropollutant present in landfill leachates, on activated carbons	Journal of colloid and interface science	Articulo	2012
Adsorption/bioadsorption of phthalic acid, and organic micropollutant present in landfill leachates, on activated carbons	Journal of colloid and interface science	Articulo	2012
Advanced nanostructured photocatalysts based on reduced graphene oxide-TiO ₂ composites for degradation of diphenhydramine pharmaceutical and methyl orange dye	Applied catalysis B: environmental	Articulo	2012
Carbon aerogel-supported Pt catalysts for the hydrogenolysis and isomerization of n-butane: influence of the carbonization temperature of the support and Pt particle size	Catalysts	Articulo	2012
Competitive adsorption of the herbicide fluroxypyr and tannic acid from distilled and tap water on activated carbons and their thermal desorption	Adsorption	Articulo	2012
Degradation of diphenhydramine pharmaceutical in aqueous solutions by using two highly active TiO ₂ photocatalysts: operating parameters and photocatalytic mechanism	Applied catalysis B: environmental	Articulo	2012
Electrochemical performance of carbon gels with variable surface chemistry and physics	Carbon	Articulo	2012
Enhanced oxidation of sodium dodecylbenzene sulfonate aqueous solution using ozonation catalyzed by base treated zeolite		Articulo	2012
Enhanced oxidation of sodium dodecylbenzenesulfonate aqueous solution using ozonation catalyzed by base treated zeolite	Chemical engineering journal	Articulo	2012
Exploratory data analysis in the study of 7Be present in atmospheric aerosols	Environmental science and pollution research	Articulo	2012
Influence of the particle size of activated carbons on their performance as Fe supports for developing Fenton-like catalysts	Industrial & Engineering Chemical Research	Articulo	2012
Ionic X-ray contrast media degradation in aqueous solution			

Ionic x-ray contrast media degradation in aqueous solution induced by gamma radiation	Chemical engineering journal	Articulo	2012
Ionic x-ray contrast media degradation in aqueous solution induced by gamma radiation	Chemical engineering journal	Articulo	2012
Kinetic study of tetracycline adsorption on sludge-derived adsorbents in aqueous phase	Chemical engineering journal	Articulo	2012
Kinetic study of tetracycline adsorption on sludge-derived adsorbents in aqueous phase	Chemical engineering journal	Articulo	2012
Metronidazole photodegradation in aqueous solution by using photosensitizers	Journal of chemical technology and biotechnology	Articulo	2012
Metronidazole photodegradation in aqueous solution by using photosensitizers and hydrogen peroxide	Journal of chemical technology and biotechnology	Articulo	2012
Modeling adsorption rate of organic micropollutants present in landfill leachates onto granular activated carbon	Journal of colloid and interface science	Articulo	2012
On the micro- and mesoporosity of carbon aerogels and xerogels. the role of the drying conditions during the synthesis processes	Chemical engineering journal	Articulo	2012
Optimization of the preparation process of biological sludge adsorbents for application in water treatment	Journal of hazardous materials	Articulo	2012
Optimization of the preparation process of biological sludge adsorbents for application in water treatment	Journal of hazardous materials	Articulo	2012
Optimization of the preparation process of biological sludge adsorbents for application in water treatment	Journal of hazardous materials	Articulo	2012
Preparation of carbon aerogel supported platinum catalysts for the selective hydrogenation of cinnamaldehyde	Applied catalysis a: general	Articulo	2012
Preparation, surface characteristics and electrochemical double-layer capacitance of koh-activated carbon aerogels and their o- and n-doped derivatives	Journal of power sources	Articulo	2012
Removal of surfactant dodecylbenzenesulfonate by consecutive use of ozonation and biodegradation	Engineering in life sciences	Articulo	2012
Removal of surfactant dodecylbenzenesulfonate by consecutive use of ozonation and biodegradation	Engineering in life sciences	Articulo	2012
Role of activated carbon in the photocatalytic degradation of 2,4-dichlorophenoxyacetic acid by the uv/tio2/activated carbon system	Applied catalysis b: environmental	Articulo	2012
Structural characterization of carbon xerogels: from film to monolith	Microporous and mesoporous materials	Articulo	2012
Selection of heterogeneous catalysts for biodiesel production from animal fat.	Fuel	Articulo	2012
Tecnologías integradas basadas en el uso de carbón activado y radiación para la eliminación de contaminantes presentes en lixiviados de vertederos.	Universidad de granada	Tesis doctoral	2012
Tetracycline degradation in aqueous phase by ultraviolet radiation	Chemical engineering journal	Articulo	2012
Traces of fission products in southeast spain after the fukushima nuclear accident	Journal of environmental radioactivity	Articulo	2012
Treatment of azo dye containing wastewater by a fenton-like process in a continuous packed-bed reactor filled with activated carbon	Journal of hazardous materials	Articulo	2012
Use of pipe deposits from water networks as novel catalysts in paraquat peroxidation	Chemical engineering journal	Articulo	2012
Water sorption on silica- and zeolite-supported hygroscopic salts for cooling system applications	Energy conversion and management	Articulo	2012
Water sorption on silica- and zeolite-supported hygroscopic salts	Energy conversion and		

Water sorption on silica and zeolite supported hydroscopic salts for cooling system applications	Energy conversion and management	Articulo	2012
Activated carbon cloth as adsorbent and oxidation catalyst for the removal of amitrole from aqueous solution	Adsorption	Articulo	2011
Adsorption kinetics of fluroxypyr herbicide in aqueous solution onto granular activated carbon	Separation science and technology (philadelphia)	Articulo	2011
Adsorbent-adsorbate interactions in the adsorption of organic and inorganic species on ozonized activated carbons: a short review	Adsorption	Articulo	2011
Boiled versus unboiled: a study on neolithic and contemporary human bonds	Journal of archaeological science	Articulo	2011
Comportamiento de geles de carbón con diferente física y química superficial como electrodos de supercondensadores y soportes de catalizadores de pt	Universidad de granada. química inorgánica	Tesis doctoral	2011
Degradation of antineoplastic cytarabine in aqueous solution by gammaradiation	Chemical engineering journal	Articulo	2011
Degradation of trinitrophenol by sequential catalytic wet air oxidation and solar tio2 photocatalysis	Chemical engineering journal	Articulo	2011
Eliminación de tetraciclinas de las aguas mediante procesos avanzados de oxidación, carbones activados y adsorbentes obtenidos a partir de lodos de depuradora	Universidad de granada, granada, españa	Tesis doctoral	2011
Enhancement of the catalytic activity of tio2 by using activated carbon in the photocatalytic degradation of cytarabine	Applied catalysis b: environmental	Articulo	2011
Heterogeneous and homogeneous fenton processes using activated carbon for the removal of the herbicide amitrole from water	Applied catalysis b: environmental	Articulo	2011
Influence of the characteristics of carbon materials on their behaviour as heterogeneous fenton catalysts for the elimination of the azo dye orange ii from aqueous solutions	Applied catalysis b: environmental	Articulo	2011
Metal-doped carbon aerogels as catalysts for the aromatization of n-hexane	Appl catalysis a	Articulo	2011
Modelado de las cinéticas de adsorción y procesos de oxidación avanzada para la eliminación de contaminantes orgánicos en solución acuosa	Universidad autónoma de san luis potosí-méjico facultad: ciencias químicas	Tesis doctoral	2011
Photodegradation of the antibiotics nitroimidazoles in aqueous solution by ultraviolet radiation	Water research	Articulo	2011
Pt catalysts supported on activated carbons for catalytic wet air oxidation of aniline: activity and stability	Applied catalysis b: environmental	Articulo	2011
Platinum supported on carbon aerogels as catalysts for the n-hexane aromatization	Catal communications	Articulo	2011
Química superficial de los materiales de carbon	Boletín del grupo español del carbón	Articulo	2011
Removal of aromatic organic pollutants by the ozone/activated carbon system	Environmental science research	Capítulo de libro	2011
Removal of nitroimidazole antibiotics from water by advanced oxidation processes	Trends in chemical engineering journal	Articulo	2011
Removing aromatic and oxygenated vocs from polluted air stream using pt-carbon aerogels: assessment of their performance as adsorbents and combustion catalysts	Journal of hazardous materials	Articulo	2011
Surface characteristics and electrochemical capacitances of carbon aerogels obtained from resorcinol and pyrocatechol using boric and oxalic acids as polymerization catalysts	Carbon	Articulo	2011
Tetracycline removal from waters by integrated technologies based on ozonation and biodegradation	Chemical engineering journal	Articulo	2011
Tela de carbón activo: biomateriales para la proliferación de	Boletín del grupo español del	Articulo	2011

células mesenquimales	carbón	Artículo	2011
A convenient antibiotic indicator in the ozone treatment of wastewaters. an experimental and theoretical study	New journal of chemistry	Artículo	2010
Adsorption mechanisms of metal cations from water on an oxidized activated carbon surface	Journal of colloid and interface science	Artículo	2010
Advanced oxidation of the surfactant sds by means of hydroxyl and sulfate radicals	Chemical engineering journal	Artículo	2010
Batch and column adsorption of herbicide fluoxypyr on different types of activated carbons from water with varied degrees of hardness and alkalinity	Water research	Artículo	2010
Carbon-based honeycomb monoliths for environmental gas-phase applications	Materials	Artículo	2010
Control de la contaminación química y biológica de las aguas residuales urbanas	Nuevos materiales y tecnologías para el tratamiento del agua	Capítulo de libro	2010
Degradation of antineoplastic cytarabine in aqueous phase by advanced oxidation processes based on ultraviolet radiation	Chemical engineering journal	Artículo	2010
Design of low-temperature pt-carbon combustion catalysts for voc's treatments	Journal of hazardous materials	Artículo	2010
Designing of a competency maps for the degree of pharamcy	Ars pharmaceutica	Artículo	2010
Estudio del proceso de adsorción-desorción del herbicida fluoxypyr por materiales de carbón: efecto del ph, de la temperatura, de la dureza del agua y de la presencia de materia orgánica natural	Universidad de jaén. química inorgánica y orgánica	Tesis doctoral	2010
Kinetic modeling of fluoride adsorption from aqueous solution onto bone char	Chemical engineering journal	Artículo	2010
Kinetic study of the adsorption of nitroimidazole antibiotics on activated carbons in aqueous phase	Journal of colloid and interface science	Artículo	2010
Materiales carbonosos para el tratamiento de aguas contaminadas	Nuevos materiales y tecnologías para el tratamiento del agua	Capítulo de libro	2010
Modelig adsorption rate of pyridine onto granular activated carbon	Chemical engineering journal	Artículo	2010
Nuevas tecnologías en el tratamiento de aguas. procesos avanzados de oxidación	Nuevos materiales y tecnologías para el tratamiento del agua	Capítulo de libro	2010
Nuevas tecnologías en el tratamiento de aguas. procesos avanzados de oxidación	Nuevos materiales y tecnologías para el tratamiento del agua	Capítulo de libro	2010
Nuevos materiales y tecnologías para el tratamiento del agua	Editorial universidad internacional de andalucía	Libros	2010
Photodegradacion of tetracyclines in aqueous solution by using uv and uv/h2o2 oxidation processes	Journal of chemical technology and biotechnology	Artículo	2010
Removal of tinidazole from waters by using ozone and activated carbon in dynamic regime	Journal of hazardous materials	Artículo	2010
Textural and mechanical characteristics of carbon aerogels synthesized by polymerization of resorcinol and formaldehyde using alkaline carbonates as basification agents	Physical chemistry chemical physics	Artículo	2010
Tratamiento de aguas para la eliminación de antibióticos - nitroimidazoles- mediante adsorción sobre carbón activado y tecnologías avanzadas de oxidación	Universidad de granada. química inorgánica	Tesis doctoral	2010
Water adsorption on zeolite 13x: comparison of the two methods based on mass spectrometry and thermogravimetry	Adsorption	Artículo	2010

wet air oxidation of trinitrophenol with activated carbon catalysts: effect of textural properties on the mechanism of degradation	Applied catalysis b: environmental	Artículo	2010
A comparative study of v2o5/ac and v2o5/al2o3 catalysts for the selective catalytic reduction of no by nh3	Chemical engineering journal	Artículo	2009
Activated carbon cloth as support for mesenchymal stem cell growth and differentiation to osteocytes	Carbon	Artículo	2009
Adsorption and thermal desorption of the herbicide fluroxypyr on activated carbon fibers and cloth at different ph values	Journal of colloid and interface science	Artículo	2009
Carbon aerogels from gallic acid-resorcinol mixtures as adsorbents of benzene, toluene and xylenes from dry and wet air under dynamic conditions	Carbon	Artículo	2009
Carbon based monoliths for the catalytic elimination of benzene, toluene and m-xylene	Applied catalysis a: general	Artículo	2009
Carbon gels in catalysis	Carbon materials for catalysis	Capítulo de libro	2009
Effectiveness of different oxidizing agents for removing sodium dodecylbenzenesulphonate in aqueous systems	Water research	Artículo	2009
Fenton-like degradation of azo-dye orange ii catalyzed by transition metals on carbon aerogels	Applied catalysis b: environmental	Artículo	2009
Gamma irradiation of pharmaceutical compounds, nitroimidazoles, as a new alternative for water treatment	Water research	Artículo	2009
Influence of presence of tannic acid on removal of sodium dodecylbenzenesulphonate by o3 and advanced oxidation processes	Journal of chemical technology and biotechnology	Artículo	2009
Influence of support porosity and pt content of pt/carbon aerogel catalysts on metal dispersion and formation of self-assembled pt-carbon hybrid nanostructures	Carbon	Artículo	2009
Kinetic modelling of naphthalene sulphonic acid adsorption from aqueous solution onto untreated and ozonated activated carbon	Adsorption science & technology	Artículo	2009
Materiales monolíticos avanzados de carbón para la eliminación de contaminantes orgánicos mediante procesos catalíticos de oxidación en fase gaseosa y líquida	Universidad de granada. química inorgánica	Tesis doctoral	2009
Palladium and platinum catalysts supported on carbon nanofiber coated monoliths for low-temperature combustion of btx	Applied catalysis b: environmental	Artículo	2009
Reduction of no with metal-doped carbon aerogels	Applied catalysis b: environmental	Artículo	2009
Removal of nitroimidazole antibiotics from aqueous solution by adsorption/bioadsorption on activated carbon	Journal of hazardous materials	Artículo	2009
Removal of nitroimidazole antibiotics from water by adsorption/bioadsorption on activated carbon and advanced oxidation processes	Trends in chemical engineering	Artículo	2009
Surface chemistry, porous texture, and morphology of n-doped carbon xerogels	Langmuir	Artículo	2009
Synthesis and properties of phloroglucinol-phenol-formaldehyde carbon aerogels and xerogels	Langmuir	Artículo	2009
Adsorption of organic solutes from dilute aqueous solutions	Adsorption by carbons	Capítulo de libro	2008
Adsorption of sodium dodecylbenzenesulfonate on activated carbons: effects of solution chemistry and presence of bacteria	Journal of colloid and interface science	Artículo	2008
Activated carbons in landfill leachate treatment	New topics in water resources research	Capítulo de libro	2008
Activated carbon as adsorbent in landfill leachate treatment	Environmental research journal	Artículo	2008
Behavior of two different constituents of natural organic matter in			

Behavior of two different constituents of natural organic matter in the removal of sodium dodecylbenzenesulfonate by o ₃ and o ₃ -based advanced oxidation processes	Journal of colloid and interface science	Articulo	2008
Carbon-based monolithic supports for palladium catalysts: the role of the porosity in the gas-phase total combustion of m-xylene	Applied catalysis b: environmental	Articulo	2008
Development of carbon coatings for cordierite foams: an alternative to cordierite honeycombs	Langmuir	Articulo	2008
Eliminación del surfactante dodecilbencenosulfonato sódico de las aguas mediante adsorción en carbones activados, ozonización catalizada y fotooxidación	Universidad de granada. química inorgánica	Tesis doctoral	2008
Inter- and intra-primary-particle structure of monolithic carbon aerogels obtained with varying solvents	Langmuir	Articulo	2008
Iniciación a la investigación en un laboratorio integrado de química	Iniciacion a la investigacion	Articulo	2008
Kinetics of diuron and amitrole adsorption from aqueous solution on activated carbons	Journal of hazardous materials	Articulo	2008
Metal-doped carbon aerogels new materials for water treatments	Industrial & engineering chemistry research	Articulo	2008
Ozone decomposition by catalysts and its application in water treatment: an overview	Ozone depletion chemistry and impacts	Capítulo de libro	2008
Removal of aromatic organic pollutants by the ozone/activated carbon system	Environmental research journal	Articulo	2008
Removal of pharmaceutical compounds, nitroimidazoles, from waters by using the ozone/carbon system	Water research	Articulo	2008
Removal of the surfactant sodium dodecylbenzenesulphonate from water by ozonation catalyzed by activated carbon.effect of dissolved natural organic matter.	Current topics in catalysis	Capítulo de libro	2008
Temperature dependence of the point of zero charge of oxidized and non-oxidized activated carbons	Carbon	Articulo	2008
The ozone-activated carbon system as a new advanced oxidadtion process to remove pollutants from aqueous phase	Ozone depletion chemistry and impacts	Capítulo de libro	2008
Activated carbon in landfill leachate treatment	New topics in water resources research	Capítulo de libro	2007
Adsorción de compuestos orgánicos disueltos en agua sobre carbones activados	Sólidos porosos: preparación, caracterización y aplicaciones	Capítulo de libro	2007
Adsorption of benzene, toluene, and xylenes on monolithic carbon aerogels from dry air flows	Langmuir	Articulo	2007
Ag-doped carbon aerogels for removing halide ions in water treatment.	Water research	Articulo	2007
Azo-dye orange ii degradation by heterogeneous fenton-like reaction using carbon-fe catalysts	Applied catalysis b: environmental	Articulo	2007
Bromide and iodide removal from waters under dynamic conditions by ag-doped aerogels	Journal of colloid and interface science	Articulo	2007
Calidad radiológica del agua potable de la ciudad de granada	Tecnología del agua	Articulo	2007
Catalizadores de óxido de wolframio soportados sobre carbones activados. influencia de la química superficial del soporte sobre las características ácido-básicas del catalizador	Universidad de granada	Libros	2007
Effect of surface chemistry, solution ph, and ionic strength on the removal of herbicides diuron and amitrole from water by an activated carbon fiber.	Langmuir	Articulo	2007
Eliminación de compuestos farmacéuticos de las aguas por adsorción en carbón activado y degradación con ozono	Tecnología del agua	Articulo	2007
Eliminación de compuestos farmacéuticos de las aguas por			

Eliminación de compuestos farmacéuticos de las aguas por adsorción en carbón activado y degradación con ozono	Industria farmacéutica	Artículo	2007
Eliminación de surfactantes de las aguas mediante adsorción sobre carbón activado y oxidación avanzada	Tecnología del agua	Artículo	2007
Methanol partial oxidation on carbon-supported pt and pd catalysts	Catalysis today	Artículo	2007
Ozone/activated carbon: a new advanced oxidation process to remove pollutants from water	New topics in water resources research	Capítulo de libro	2007
Photooxidation of naphthalenesulfonic acids: comparison between processes based on o ₃ , o ₃ /activated carbon and uv/h ₂ o ₂	Chemosphere	Artículo	2007
Removal of diuron and amitrole from water under static and dynamic conditions using activated carbons in form of fibers, cloth, and grains	Water research	Artículo	2007
Reversible toluene adsorption on monolithic carbon aerogels	Journal of hazardous materials	Artículo	2007
Selective hydrogenation of fatty acid methyl esters over palladium on carbon-based monoliths. structural control of activity and selectivity	Catalysis today	Artículo	2007
Tuning the morphology of monolith coatings	Applied catalysis a: general	Artículo	2007
Waste materials for activated carbon preparation and its use in aqueous-phase treatment: a review	Journal of environmental management	Artículo	2007
Aerogeles monolíticos de carbón como adsorbentes para la eliminación de compuestos orgánicos volátiles (btx)	Universidad de granada. química inorgánica	Tesis doctoral	2006
Combination of ozone with activated carbon as an alternative to conventional advanced oxidation processes	Ozone: science & engineering	Artículo	2006
Granular and monolithic activated carbons from koh-activation of olive stones	Microporous and mesoporous materials	Artículo	2006
Metal-doped carbon aerogels as catalysts during ozonation processes in aqueous solutions.	Water research	Artículo	2006
Ozonation of naphthalenetrisulphonic acid in the presence of activated carbons prepared from petroleum coke	Applied catalysis b: environmental	Artículo	2006
Pd and pt catalysts supported on carbon-coated monoliths for low-temperature combustion of xylenes	Carbon	Artículo	2006
Photooxidation of naphthalenesulphonic acids in presence of transition metal-doped carbon aerogels	Applied catalysis b: environmental	Artículo	2006
Porosity and surface area of monolithic carbon aerogels prepared using alkaline carbonates and organic acids as polymerization catalysts	Carbon	Artículo	2006
Preparation of monolithic catalysts for hydrodesulfurization	Studies in surface science and catalysis	Artículo	2006
Purificación de aguas contaminadas con herbicidas usados en el olivar (diurón y aminotriazol) mediante adsorción sobre nuevos materiales de carbón activado	Universidad de jaén. química inorgánica y orgánica	Tesis doctoral	2006
Removal of bromide and iodide anions from drinking water by silver-activated carbon aerogels	Journal of colloid and interface science	Artículo	2006
Removal of the surfactant sodium dodecylbenzenesulphonate from water by simultaneous use of ozone and powdered activated carbon: comparison with systems based on o ₃ and o ₃ /h ₂ o ₂	Water research	Artículo	2006
Surface area and microporosity of carbon aerogels from gas adsorption and small- and wide-angle x-ray scattering measurements	The journal of physical chemistry b	Artículo	2006
Temperature dependence of herbicide adsorption from aqueous solutions on activated carbon fiber and cloth	Langmuir	Artículo	2006

A study of the static and dynamic adsorption of zn(ii) ions on carbon materials from aqueous solutions	Journal of colloid and interface science	Articulo	2005
Bisphenol a removal from water by activated carbon. effects of carbon characteristics and solution chemistry	Environmental science & technology	Articulo	2005
Efficiency of activated carbon to transform ozone into oh radicals: influence of operational parameters	Water research	Articulo	2005
High performance monolithic catalysts for hydrogenation reactions	Catalysis today	Articulo	2005
Influence of pt particle size on catalytic combustion of xylenes on carbon aerogel-supported pt catalysts	Applied catalysis b: environmental	Articulo	2005
Kinetics of 1,3,6-naphthalenetrisulphonic acid ozonation in presence of activated carbon	Carbon	Articulo	2005
Ligand adsorption on an activated carbon for the removal of chromate ions from aqueous solutions	Langmuir	Articulo	2005
Molybdenum carbide formation in molybdenum-doped organic and carbon aerogels	Langmuir	Articulo	2005
Ozonation in aqueous phase of sodium dodecylbenzenesulphonate in the presence of powdered activated carbon	Carbon	Articulo	2005
Preparation and characterization of new adsorbent materials from the olive wastes	Journal de physique iv	Articulo	2005
Reacciones de descomposición y oxidación parcial de metanol sobre catalizadores de platino y paladio soportados sobre materiales de carbón	Universidad de granada. química inorgánica	Tesis doctoral	2005
Activated carbon and tungsten oxide supported on activated carbon catalysts for toluene catalytic combustion	Environmental science & technology	Articulo	2004
Adsorption of organic molecules from aqueous solutions on carbon materials	Carbon	Articulo	2004
Cadmium ion adsorption on different carbon adsorbents from aqueous solutions. effect of surface chemistry, pore texture, ionic strength, and dissolved natural organic matter	Langmuir	Articulo	2004
Carbon-supported pt as catalysts for low-temperature methanol decomposition to carbon monoxide and hydrogen	Applied catalysis a: general	Articulo	2004
Catalytic combustion of toluene on platinum-containing monolithic carbon aerogels	Applied catalysis b: environmental	Articulo	2004
Effects of the porous texture of coals on their hydrogenation processes catalized by mo	Solid fuel chemistry	Articulo	2004
Eliminación de contaminantes orgánicos de las aguas mediante adsorción en materiales de carbón	Adsorbentes en la solución de algunos problemas ambientales	Capítulo de libro	2004
Ozonation of 1,3,6-naphthalenetrisulfonic acid in presence of heavy metals	Journal of chemical technology and biotechnology	Articulo	2004
Ozonation of naphthalenesulphonic acid in the aqueous phase in the presence of basic activated carbons.	Langmuir	Articulo	2004
Surface morphology, metal dispersion, and pore texture of transition metal-doped monolithic carbon aerogels and steam-activated derivatives	Microporous and mesoporous materials	Articulo	2004
The use of activated carbon and ozone in water treatment to eliminate naphthalenesulphonic acids	Solid fuel chemistry	Articulo	2004
Adsorption of 1,3,6-naphthalenetrisulfonic acid on activated carbon in the presence of cd(ii), cr(iii), and hg(ii). importance of electrostatic interactions	Langmuir	Articulo	2003
Adsorption of cr(iii) on ozonised activated carbon. importance of	Water research	Articulo	2003

c pi-cation interactions	water research	Articulo	2003
Adsorption of p-nitrophenol on an activated carbon with different oxidations	Carbon	Articulo	2003
Application of ammonia intermittent temperature-programmed desorption to evaluate surface acidity of tungsten oxide supported on activated carbon	Journal of colloid and interface science	Articulo	2003
Biadsorption of pb(ii), cd(ii), and cr(vi) on activated carbon from aqueous solutions	Carbon	Articulo	2003
Degradation and removal of naphthalenesulphonic acids by means of adsorption and ozonation catalyzed by activated carbon in water	Water resources research	Articulo	2003
Effect of ozonation on the activated carbon surface chemical properties and on 2-mercaptobenzothiazole adsorption	Latin american applied research	Articulo	2003
Effect of the ozone-carbon reaction on the catalytic activity of activated carbon during the degradation of 1,3,6-naphthalenetrisulphonic acid with ozone	Carbon	Articulo	2003
Influence of carbon-chlorine surface complexes on the properties of tungsten oxide supported on activated carbons. 1. dispersion, distribution, and chemical nature of the metal oxide phase	The journal of physical chemistry b	Articulo	2003
Influence of carbon-chlorine surface complexes on the properties of tungsten oxide supported on activated carbons. 2. surface acidity and skeletal isomerization of 1-butene	The journal of physical chemistry b	Articulo	2003
Influence of carbon-oxygen surface complexes on the surface acidity of tungsten oxide catalysts supported on activated carbons	Carbon	Articulo	2003
Influence of support surface properties on activity of bacteria immobilised on activated carbons for water denitrification	Carbon	Articulo	2003
Morphology of heat-treated tungsten doped monolithic carbon aerogels	Carbon	Articulo	2003
On the nature of surface acid sites of chlorinated activated carbons	Carbon	Articulo	2003
Physicochemical surface properties of fe, co, ni, and cu-doped monolithic organic aerogels	Langmuir	Articulo	2003
Regeneration of ortho-chlorophenol-exhausted activated carbons with liquid water at high pressure and temperature	Water research	Articulo	2003
Study of microemulsion composition effect over phosphorescence emission of a polycyclic aromatic compound	Polycyclic aromatic compounds	Articulo	2003
Tungsten oxide catalysts supported on activated carbons: effect of tungsten precursor and pretreatment on dispersion, distribution, and surface acidity of catalysts	Journal of catalysis	Articulo	2003
Adsorbent-adsorbate interactions in the adsorption of cd(ii) and hg(ii) on ozonized activated carbons	Environmental science & technology	Articulo	2002
Adsorption of metal ions on activated carbons in aqueous solutions	Current topics in colloid and interface science (research trends)	Capítulo de libro	2002
Advanced oxidation with ozone of 1,3,6-naphthalenetrisulfonic acid in aqueous solution	Journal of chemical technology and biotechnology	Articulo	2002
Biadsorción de metales pesados en disolución acuosa por carbones activados	Revista da universidade moderna do porto	Articulo	2002
Catalizadores de óxido de wolframio soportados sobre carbones activados. influencia de la química superficial del soporte sobre las características ácido-básicas del catalizador.	Universidad de granada. química inorgánica	Tesis doctoral	2002
Degradación y eliminación de ácidos naftalensulfónicos mediante adsorción y ozonización catalizada por carbón	Universidad de granada.	Tesis	2002

mediante adsorción y ozonización catalizada por carbón activado en fase acuosa.	química inorgánica	doctoral	2002
Degradation of naphthalenesulfonic acids by oxidation with ozone in aqueous phase	Physical chemistry chemical physics	Articulo	2002
Effect of ozone and ozone/activated carbon treatments on genotoxic activity of naphthalenesulfonic acids	Journal of chemical technology and biotechnology	Articulo	2002
Effect of ozone treatment on surface properties of activated carbon	Langmuir	Articulo	2002
Experimental design to optimize preparation of activated carbons for use in water treatment	Environmental science & technology	Articulo	2002
Etude de la texture poreuse de charbons actifs obtenus par activation chimique de derives lignocellulosiques		Articulo	2002
Ozonation of 1,3,6-naphthalenetrisulphonic acid catalysed by activated carbon in aqueous phase	Applied catalysis b: environmental	Articulo	2002
Study of different normal-microemulsion compositions by room-temperature phosphorescence to determine benzo[a]pyrene in environmental samples	Analytica chimica acta	Articulo	2002
Surface characteristics of titania/carbon composite aerogels	Langmuir	Articulo	2002
The reactivity of n-2-(4-amino-1,6-dihydro-1-methyl-5-nitroso- 6-oxo-pyrimidinyl)-l-histidine towards silver(i) and zinc(ii) ions	Transition metal chemistry	Articulo	2002
The role of dispersive and electrostatic interactions in the aqueous phase adsorption of naphthalenesulphonic acids on ozone-treated activated carbons	Carbon	Articulo	2002
Tratamiento de aguas que contienen ácidos naftalén sulfónicos mediante el uso de ozono y carbón activado	Revista da universidade moderna do porto	Articulo	2002
Activated carbon surface modifications by adsorption of bacteria and their effect on aqueous lead adsorption	Journal of chemical technology and biotechnology	Articulo	2001
Adsorption of phenolic compounds from aqueous solutions, by activated carbons, described by the dubinin-astakhov equation	Langmuir	Articulo	2001
Carbon materials as adsorbents for the removal of pollutants from the aqueous phase	Mrs bulletin	Articulo	2001
Carbon materials as adsorbents in aqueous solutions	Chemistry and physics of carbon	Capítulo de libro	2001
Chemical and physical activation of olive-mill waste water to produce activated carbons	Carbon	Articulo	2001
Dehydration of methanol to dimethyl ether catalyzed by oxidized activated carbons with varying surface acidic character	Carbon	Articulo	2001
Distribution of surface oxygen complexes on activated carbons from immersion calorimetry, titration and temperature-programmed desorption techniques	Carbon	Articulo	2001
Optimization of conditions for the preparation of activated carbons from olive-waste cakes	Carbon	Articulo	2001
The reactivity of n-2-(4-amino-1,6-dihydro-1-methyl-5-nitroso- 6-oxopyrimidinyl)-l-histidine towards copper(ii) ions	Transition metal chemistry	Articulo	2001
Tungsten and tungsten carbide supported on activated carbon: surface structures and performance for ethylene hydrogenation	Langmuir	Articulo	2001
Catalytic graphitization of carbon aerogels by transition metals	Langmuir	Articulo	2000
Changes in surface chemistry of activated carbons by wet oxidation	Carbon	Articulo	2000
Decomposition reactions of methanol and ethanol catalyzed by tungsten oxide supported on activated carbon	Reaction kinetics and catalysis letters	Articulo	2000
Influence of the alkali in pt/alkali-beta zeolite on the pt characteristics and catalytic activity in the transformation of n-	Journal of catalysis	Articulo	2000

hexane			
Metal-carbon aerogels as catalysts and catalysts supports	Studies in surface science and catalysis	Articulo	2000
Regularities in the temperature-programmed desorption spectra of co ₂ and co from activated carbons	Carbon	Articulo	2000
Solution study and 2-d layered structures of zinc(ii) and cadmium(ii) complexes with n-2-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidinyl)-l-methionine as ligand	Inorganica chimica acta	Articulo	2000
Specific and non-specific interactions of water molecules with carbon surfaces from immersion calorimetry	Carbon	Articulo	2000
Specific and nonspecific interactions between methanol and ethanol and active carbons	Langmuir	Articulo	2000
Synthesis and surface characteristics of silica- and alumina-carbon composite xerogels	Physical chemistry chemical physics	Articulo	2000
Synthesis, pore texture and surface acid-base character of tio ₂ /carbon composite xerogels and aerogels and their carbonized derivatives	Applied catalysis a: general	Articulo	2000
Tungsten catalysts supported on activated carbon: i. preparation and characterization after their heat treatments in inert atmosphere	Journal of catalysis	Articulo	2000
Tungsten catalysts supported on activated carbon: ii. skeletal isomerization of 1-butene	Journal of catalysis	Articulo	2000
Catalizadores de wolframio soportados en carbon activado. preparacion, caracterizacion y uso en las reacciones de descomposicion de alcoholes, isomerizacion de 1-buteno e hidrogenacion de eteno y de los óxidos de carbono	Universidad de granada. química inorgánica	Tesis doctoral	1999
Group 6 metal oxide-carbon aerogels. their synthesis, characterization and catalytic activity in the skeletal isomerization of 1-butene	Applied catalysis a: general	Articulo	1999
Influence of cesium in pt/nacsbeta catalysts on physico-chemical and catalytic properties of the pt cluster in n-hexane transformation	Journal of catalysis	Articulo	1999
Influence of the porous structure and mineral substances on the parameters of coal hydrogenation	Solid fuel chemistry	Articulo	1999
N-(6-amino-3,4-dihydro-3-methyl-5-nitroso-4-oxopyrimidin-2-yl)methionine	Acta crystallographica. section c, crystal structure communications.	Articulo	1999
On the adsorption of formaldehyde at high temperatures and zero surface coverage	Langmuir	Articulo	1999
On the characterization of acidic and basic surface sites on carbons by various techniques	Carbon	Articulo	1999
Synthesis and textural characteristics of organic aerogels, transition-metal-containing organic aerogels and their carbonized derivatives	Carbon	Articulo	1999
The use of coals as catalysts for the oxidative dehydrogenation of n-butane	Applied catalysis a: general	Articulo	1999
Adsorption of humic substances on activated carbon from aqueous solutions and their effect on the removal of cr(iii) ions	Langmuir	Articulo	1998
Aromatization of n-heptane on pt/alkali or alkali-earth exchanged beta zeolite catalysts. catalysts deactivation and regeneration	Journal of catalysis	Articulo	1998
Carbon materials as adsorbents for vapour pollutants.	Adsorption and its applications in industry and environmental protection	Capítulo de libro	1998
Effects of non-oxidant and oxidant acid treatments on the			

surface properties of an activated carbon with very low ash content	Carbon	Articulo	1998
Preparacion y caracterizacion de carbonos activados acidos para su utilizacion como catalizadores en las reacciones de transformacion de etanol	Universidad de granada. química inorgánica	Tesis doctoral	1998
Surface-treated activated carbons as catalysts for the dehydration and dehydrogenation reactions of ethanol	The journal of physical chemistry b	Articulo	1998
Activated carbons from coals and agricultural by-products as adsorbents in aqueous phase: preparation, characterization and adsorption of phenolic compounds under static and dynamic conditions	Current topics in colloid and interface science	Capítulo de libro	1997
Adsorption of organic probes on carbon materials at zero surface coverage	The journal of physical chemistry b	Articulo	1997
Adsorption of so ₂ from flowing air by alkaline-oxide-containing activated carbons	Applied catalysis b: environmental	Articulo	1997
Determination of the micropore texture of some glassy carbons using molecular probes	Langmuir	Articulo	1997
Electrical conductivity, basicity and catalytic activity of cs promoted nimoo ₄ catalyst for the oxidative dehydrogenation on n-butane	Applied catalysis a: general	Articulo	1997
Glassy carbons for application in selective adsorption	Current topics in colloid and interface science	Capítulo de libro	1997
Influence of the exchanged cation in coke deposition during n-hexane reactions on pt/mbeta zeolite catalysts	Catalysis letters	Articulo	1997
New approach to coal structure through its evolution during dry catalytic hydrogenation	Energy & fuels	Articulo	1997
On the carbon dioxide and benzene adsorption on activated carbons to study their micropore structure	Langmuir	Articulo	1997
Oxidative dehydrogenation of n-butane over alkali and alkaline earth promoted nimoo ₄ catalysts	Journal of catalysis	Articulo	1997
The creation of acid carbon surfaces by treatment with (nh ₄) ₂ s ₂ o ₈	Carbon	Articulo	1997
Water adsorption on activated carbons with different degrees of oxidation	Journal of the chemical society. faraday transactions	Articulo	1997
Chemical and thermal regeneration of an activated carbon saturated with chlorophenols	Journal of chemical technology and biotechnology	Articulo	1996
Demineralization of a bituminous coal by froth flotation before obtaining activated carbons	Carbon	Articulo	1996
Effect of ageing on the oxygen surface complexes of an oxidized activated carbon	Journal of the chemical society. faraday transactions	Articulo	1996
Microporous activated carbons from a bituminous coal	Fuel	Articulo	1996
Oxidative dehydrogenation of butane: changes in chemical, structural and catalytic behaviour of cs-doped nickel molybdate	Journal of molecular catalysis a: chemical	Articulo	1996
Oxidative dehydrogenation of n-butane on cs doped nickel molybdate. kinetics and mechanism	Applied catalysis a: general	Articulo	1996
Preparation of v/zro ₂ catalysts by the sol-gel method: physical and structural characterization	Journal of materials science	Articulo	1996
Textural changes in coals during hydrogenation	Langmuir	Articulo	1996
The effects of coke deposition on nimoo ₄ used in the oxidative dehydrogenation of n-butane	Journal of catalysis	Articulo	1996
The preparation, properties and regeneration of active sorbents from spanish subbituminous coals	Solid fuel chemistry	Articulo	1996
Activated carbon surface modifications by nitric-acid. hydroaen-			

Activated carbon surface modifications by nitric acid, hydrogen peroxide, and ammonium peroxydisulfate treatments	Langmuir	Articulo	1995
Activated carbons from a bituminous coal: influence of the demineralization process	Coal science	Articulo	1995
Adsorption of some substituted phenols on activated carbons from a bituminous coal	Carbon	Articulo	1995
Cobalt catalysts supported on activated carbons - preparation and behavior in the hydrogenation of carbon oxides	Journal of the chemical society. faraday transactions	Articulo	1995
Effect of alkaline metal oxides on the adsorption of so2 by activated carbons	Coal science	Articulo	1995
Effect of oxygen plasma treatment on the porosity and surface chemical nature of glassy carbons	Journal of colloid and interface science	Articulo	1995
Hydrogenation of carbon oxides by ru activated carbon catalysts obtained from ru-3(co)(12) - effect of pretreatment on their dispersion, composition and activity	Journal of molecular catalysis a: chemical	Articulo	1995
Hydrogenation of co2 and co by fe catalysts obtained from fe-2(co)(9) and fe-3(co)(12) clusters supported on activated carbons	Fuel	Articulo	1995
Hydrogenation of coals catalyzed by mo - effect and transformation of porous texture	Fuel	Articulo	1995
Influence and modification of the porous texture of coals during hydrogenation	Fuel	Articulo	1995
Influence and transformation of coal mineral matter during hydrogenation	Fuel	Articulo	1995
Influence of the porous texture of coals on mo-catalysed hydrogenation kinetics	Chemical engineering journal	Articulo	1995
Influence of the porous texture of coals on their hydrogenation processes catalyzed by fe	Energy & fuels	Articulo	1995
Micropore structure of activated carbons prepared from a spanish subbituminous coal studied by co2, benzene, and cyclohexane adsorption	Langmuir	Articulo	1995
Thermal regeneration of an activated carbon exhausted with different substituted phenols	Carbon	Articulo	1995
Thermal-desorption of chlorophenols from activated carbons with different porosity	Langmuir	Articulo	1995
Thermal-desorption of gallic acid from activated carbon surfaces	Journal of the chemical society. faraday transactions	Articulo	1995
A tpd study of chromium catalysts supported on an oxidized and nonoxidized activated carbon	Energy & fuels	Articulo	1994
Adsorption of co2 on activated carbons from diluted ambient environments	Energy & fuels	Articulo	1994
Carbones activados a partir de carbonos subbituminosos españoles. estudio de su comportamiento como adsorbentes de compuestos fenólicos en disolución acuosa y de su regeneración	Universidad de granada. química inorgánica	Tesis doctoral	1994
El carbón activo como soporte de catalizadores metálicos para la hidrogenación de co y co2	Universidad de granada. química inorgánica	Tesis doctoral	1994
Influence of the oxygen-surface complexes of activated carbons on the adsorption of chromium ions from aqueous-solutions - effect of sodium-chloride and humic-acid	Carbon	Articulo	1994
Influence of the porous texture of coals on their hydrogenation processes. i. physical characteristics of coals	The journal of coal quality	Articulo	1994
Textural changes in cokemaking	The journal of coal quality	Articulo	1994
Thermal desorption of chlorophenols from activated carbons. influence of the treatment atmosphere	Carbon	Articulo	1994

Activated carbons from a subbituminous coal - pore texture and electrokinetic properties	Carbon	Articulo	1993
Activated carbons as adsorbents of so2 in flowing air. effect of their pore texture and surface basicity	Langmuir	Articulo	1993
Estudio de las características texturales del carbon y su influencia en los procesos de hidrogenación	Universidad de granada. química inorgánica	Tesis doctoral	1993
Estudio de las características textuales del carbón y su influencia en los procesos de hidrogenación	Facultad de ciencias	Tesis doctoral	1993
Regeneration of activated carbons exhausted with chlorophenols	Carbon	Articulo	1993
Removal of tannic acid from aqueous solutions by activated carbons	Chemical engineering journal	Articulo	1993
Activated carbon columns as adsorbents of gallic acid from aqueous solutions: effect of the presence of different electrolytes	Carbon	Articulo	1992
Adsorption of so2 in flowing air onto activated carbons from olive stone	Fuel	Articulo	1992
Steam gasification of a lignite char catalyzed by metals from cr to zn	Fuel	Articulo	1992
Thermal behaviour of metal complexes of two 5-nitroso-4-xyloxylamino pyrimidine derivatives with co(ii), ni(ii), cu(ii) and ag(i) ions	Thermochemica acta	Articulo	1992
Comparison of activated carbons prepared from agricultural raw materials and spanish lignites when removing chlorophenols from aqueous solutions	Carbon	Articulo	1991
Comportamiento de las tuberías de acero galvanizado en las instalaciones de distribución de agua. evaluación de la velocidad de corrosión por su cara externa	Universidad de granada. química inorgánica	Tesis doctoral	1991
Dynamic adsorption of methyl iodide on activated carbons	Carbon	Articulo	1991
Effect of preparation conditions on the properties of carbon-supported ni catalysts	Reaction kinetics and catalysis letters	Articulo	1991
Gasification in dry air of coals extracted with tetrahydrofuran	Fuel processing technology	Articulo	1991
Moo2 as catalyst in the co2 gasification of activated carbons and chars	Fuel	Articulo	1991
Pt/carbon catalysts: effect of pretreatments on the dispersion and morphology of the pt particles, on their capacity to chemisorb h2 and on the h2/n-c4h10 reaction	Journal of molecular catalysis (print)	Articulo	1991
Use of activated carbons obtained from agricultural byproducts for the adsorption of some hydrocarbons	Langmuir	Articulo	1991
Air gasification of activated carbons and chars catalysed by cr2o3 and moo2	Fuel	Articulo	1990
Estudio de la eliminación de contaminantes orgánicos en disolución acuosa mediante el uso de columnas de carbones activos	Universidad de granada. química inorgánica	Tesis doctoral	1990
Removal of lead from water by activated carbons	Carbon	Articulo	1990
Removal of lead from water by activated carbons	Carbon	Articulo	1990
The dynamic adsorption of several hydrocarbons on active carbons	Journal of colloid and interface science	Articulo	1990
The use of activated carbon columns for the removal of orthophosphate ions from aqueous solutions	Carbon	Articulo	1990
Localized adsorption of n2 on grafites with different degrees of surfaces homogeneity.	Anales de química	Articulo	1989
Localized n2 adsorption on graphite, graphite oxides and exfoliated graphites.	materials chemistry and physics	Articulo	1989

Vanadium pentoxide as catalyst in the air gasification of chars	Fuel	Articulo	1989
A direct measurement of expansion in coals and macerals induced by carbon dioxide and methanol	Fuel	Articulo	1988
Adsorption of hydrocarbons on thermally treated aluminosilicate	Journal of colloid and interface science	Articulo	1988
Adsorption of zinc, cadmium and copper on activated carbons obtained from agricultural by-products.	Carbon	Articulo	1988
Densities, porosities and surface areas of coal macerals as measured by their interaction with gases, vapours and liquids	Fuel	Articulo	1988
Gasificación de carbones activos y minerales en aire seco y dióxido de carbono catalizada por Cr_2O_3 y MnO_2	Universidad de granada. química inorgánica	Tesis doctoral	1988
Preparación y estudio de la superficie de los compuestos de intercalación grafito/ CdCl_2 de "primera etapa";.	Anales de química	Articulo	1988
The role of nitrogen and oxygen surface groups in the behaviour of carbon supported iron and ruthenium catalysts	Carbon	Articulo	1988
Chromium and molybdenum as catalysts in the air gasification reaction of charcoals	Coal science and technology	Articulo	1987
Gasification of active carbons of different texture impregnated with nickel, cobalt and iron	Carbon	Articulo	1987
Platinum catalysts supported on activated carbons. ii. isomerization and hydrogenolysis of n-butane	Journal of catalysis	Articulo	1987
Reactivity of spanish coal chars in dry air. effect of the addition of potassium carbonate and acetate	Fuel	Articulo	1987
Study of cobalt adsorption from aqueous solution on activated carbons from almonds shells	Carbon	Articulo	1987
The striking behaviour of cu catalysing the gasification reaction of coal chars in dry air	Fuel	Articulo	1987
Adsorption of lead on activated carbons from olive stones	Journal of chemical technology and biotechnology	Articulo	1986
Behaviour of ag, cu and ag-cu catalysts in the gasification reaction of a lignite char in air. effect of SO_2 on these catalysts	Fuel	Articulo	1986
Effect of carbon-oxygen and carbon-nitrogen surface complexes on the adsorption of cations by activated carbons.	Adsorption science & technology	Articulo	1986
Effect of hydrogen reduction on the surface characteristics of carbon-supported iron and ruthenium catalysts	Applied catalysis	Articulo	1986
Estudio de los compuestos de intercalación grafito/ CdCl_2 de "segunda etapa"; formados a partir de grafitos de diferente origen.	Anales de química	Articulo	1986
Platinum catalysts supported on activated carbon. i. preparation and characterization	Journal of catalysis	Articulo	1986
Carbon molecular sieves produced by the fixation of sulphur surface complexes	Chromatographia	Articulo	1985
Doped carbon black catalyst support: i. characterization by magnetic susceptibility and esr spectroscopy	Carbon	Articulo	1985
Estudio de las características químicas y superficiales de tres lignitos de la cuenca carbonífera de teruel	Boletín geológico y minero	Articulo	1985
Estudio del proceso de retención del éter benzo 15-corona-5 en un óxido grafito	Anales de química	Articulo	1985
Gas-chromatographic determination of adsorption-isotherms, spreading pressures, london force interactions and equations of state for normal-alkanes on graphite and carbon-blacks	Journal of chromatography a	Articulo	1985
Gasification reaction of a lignite char catalysed by cr, mn, fe, co, ni, cu and zn in dry and wet air	Fuel	Articulo	1985

Hydrogenolysis of n-butane and hydrogenation of co on ni and co catalysts supported on saran carbons	Applied catalysis	Articulo	1985
Influence of the particle size of metal in the hydrogenolysis of n-butane on carbon supported fe catalysts	Reaction kinetics and catalysis letters	Articulo	1985
Porous texture characterization of coals and chars	Adsorption science & technology	Articulo	1985
Study of heat treated spanish lignites. characteristics and behaviour in co ₂ and o ₂ gasification reaction	Fuel	Articulo	1985
The effect of inorganic constituents of the support on the characteristics of carbon-supported pt catalysts	Applied catalysis	Articulo	1985
Thermal studies on metal complexes of 5-nitroso derivatives iv. complexes of fe(ii), ni(ii) and cu(ii) with 6-amino-5-nitrosouracil.	Journal of thermal analysis	Articulo	1985
Adsorción de estroncio-90 por carbones activos en disolución acuosa	Boletín de la sociedad química del Perú	Articulo	1984
Adsorption capacity of saran carbons at high temperatures and under dynamic conditions	Carbon	Articulo	1984
Adsorption of hydrocarbons on graphites and a graphitized carbon black at zero surface coverage	Journal of chromatography a	Articulo	1984
Adsorption studies of strontium on activated carbons from aqueous solutions	Carbon	Articulo	1984
Caracterización de carbones minerales españoles y estudio de su comportamiento en procesos de gasificación con aire y dióxido de carbono	Universidad de granada. química inorgánica	Tesis doctoral	1984
El 6-amino-5-nitroso-uracilo: estudio de su capacidad complejante frente a fe(ii), co(ii), ni(ii) y cu(ii).	Anales de química	Articulo	1984
High temperature adsorption of hydrocarbons by activated carbons prepared from olive stones	Adsorption science & technology	Articulo	1984
Lewis acidity and coking of hydrodesulfurization catalyst	Fuel processing technology	Articulo	1984
Localized adsorption of n ₂ on sublimed bromide and real surface area	Adsorption science & technology	Articulo	1984
Porous carbon as support for iron and ruthenium catalysts	Fuel	Articulo	1984
Preparacion y caracterizacion de catalizadores de pt soportados en carbones activos. estudio de su comportamiento en la reaccion del h sub 2 con n-c sub 4 h sub 10	Universidad de granada. química inorgánica	Tesis doctoral	1984
Studies on de adsorption of caesium, thallium, strontium and cobalt radionuclides on activated carbons from aqueous solutions.	Journal of chemical technology and biotechnology	Articulo	1984
Study of the colour quenching of the cerenkov emission produced by a gamma- emitter as related with the one obtained with different beta emitters	Anales de química	Articulo	1984
Analytical method for determining colour intensities based on cherenkov radiation colour quenching	Journal of radioanalytical and nuclear chemistry	Articulo	1983
Estudio de la superficie y de la textura de los compuestos de intercalación grafito/cdcl ₂	Universidad de granada, servicio de publicaciones	Libros	1983
Estudio del comportamiento de catalizadores de fe y ru con soporte carbonoso en la reaccion de hidrogenacion del monoxido de carbono	Universidad de granada. química inorgánica	Tesis doctoral	1983
Estudio del proceso de intercalación del eter benzo 15 corona-5 en óxido gráfico procedente de un grafito de la sierra de huelma (jaén)	Anales de edafología y agrobiología	Articulo	1983
The influence of maximum beta energy of radioisotopes on colour quenching cerenkov emission produced in glass capillary	Anales de química	Articulo	1983
Effect of carbon oxygen and carbon sulfur surface complexes on			

Effect of carbon-oxygen and carbon-sulfur surface complexes on the adsorption of mercuric chloride in aqueous solutions by activated carbon	Journal of chemical technology and biotechnology	Articulo	1982
Seeking for a possible correlation between the existence of a "crossing point" of the adsorption isotherms and the state of the adsorbed phase for the ar/graphite and ar/boron nitride systems	Adsorption at de gas-solid and liquid-solid interface	Articulo	1982
The adsorption of n2 and ar on samples of cdcl2 with different degree of surface homogeneity	Surface science	Articulo	1982
The crossing of n2 adsorption isotherms on cdcl2	Surface science	Articulo	1982
Adsorptive behaviour of an exfoliated grahite	Anales de química	Articulo	1981
Influencia de la longitud de onda de maxima absorbancia en el grado de extinción por color de la emisión cerenkov producida en un capilar de vidrio	Anales de química	Articulo	1981
The catalytic behaviour of carbon-supported fe in the co hydrogenation reaction	Studies in surface science and catalysis	Articulo	1981
Carbon as a support for catalysts. iii. glassy carbon as a support for iron	Carbon	Articulo	1980
Surface treated activated carbon for removal of phenol from water	Separation science and technology (philadelphia)	Articulo	1980
Estudio, con fines analíticos, de la extinción por color de la radiación cerenkov producida por radisótopos situados en capilares de vidrio	Imprenta de la universidad de granada	Libros	1979
Changes in surface homogeneity of a graphite upon gasification	Carbon	Articulo	1978
Termodinámica de la formación de monocapas de gas adsorbido en superficies carbonosas homogéneas	Anales de química	Articulo	1977
Estudio de la superficie de un grafito artificial por medio de la adsorción física de gases	Anales de química	Articulo	1976
Evolución de la superficie de un grafito artificial al pasar a óxido grafitico	Anales de química	Articulo	1976

	Titulo proyecto	Tipo	Inicio	Fin
1	Transformado de desechos del olivar en materiales avanzados para la conversión electro-catalítica de co2 en hidrocarburos	Proyecto	10/30/14	2/16/19
2	Reduccion de emisiones de co2 y tecnologías de almacenamiento de energias renovables empleando materiales avanzados de carbon	Proyecto	10/1/14	12/31/17
3	Reduccion de emisiones de co2 y tecnologías de almacenamiento de energias renovables empleando materiales avanzados de carbon	Proyecto	10/1/14	12/31/16
4	Programa de vigilancia radiológica ambiental (red de estaciones de muestreo)	Contrato	10/1/12	12/31/15
5	Nuevas tecnologías de oxidación basadas en el uso combinado de materiales de carbón y radiación para la eliminación de contaminantes aromáticos presentes en las aguas	Proyecto	10/1/12	12/31/14
6	Ingeniería de procesos de oxidación avanzada para el tratamiento de aguas procedentes de la industria del aceite de oliva	Proyecto	10/1/12	12/31/14
7	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andujar y la instalación de almacenamiento de residuos radiactivos de el cabril.	Convenio	10/1/14	12/31/14
8	Ingeniería de procesos de oxidación avanzada para la operación eficiente de tratamientos de aguas generadas en la industria del aceite de oliva.	Proyecto	10/1/13	12/1/14
9	Control estructural de materiales avanzados de carbón para la optimización de su comportamiento como filtros, membranas y soporte de catalizadores	Proyecto	10/1/11	12/31/13
10	Hormigones porosos de alta resistencia como matriz para la fabricación de hormigones polifuncionales.	Contrato	10/1/11	12/31/13
11	Hormigones porosos de alta resistencia como matriz para la fabricación de hormigones polifuncionales. valderribas	Contrato	10/1/11	12/31/13
12	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andujar y la instalación de almacenamiento de residuos radiactivos de el cabril.	Convenio	10/1/13	1/31/13
13	Materiales avanzados de carbón para el desarrollo de nuevas tecnologías de tratamiento de aguas contaminadas con productos de origen farmacéutico	Proyecto	10/13/09	1/13/13
14	Desarrollo de nanomateriales de carbón para el tratamiento de efluentes mediante poa	Proyecto	10/1/11	12/31/12
15	Implantacion de un laboratorio de vigilancia radiológica ambiental en la universidad de tetuán	Proyecto	10/12/11	12/12/12
16	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andujar y la instalación de almacenamiento de residuos radiactivos de el cabril.	Convenio	10/1/12	1/31/12
17	Programa de vigilancia radiológica ambiental (red de estaciones de muestreo)	Contrato	10/12/07	12/31/11
18	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andujar y la instalación de almacenamiento de residuos radiactivos de el cabril	Convenio	10/1/11	12/31/11
19	Nuevos procesos de oxidación avanzada para la eliminación de contaminantes farmacéuticos de las aguas.	Proyecto	10/1/11	12/31/11
20	Programa de vigilancia radiológica ambiental (red de estaciones de muestreo)	Convenio	10/1/07	12/31/11
21	Estudio radiológico de los aerosoles atmosféricos en el s-e de la península ibérica. estimación de la tasa de dosis efectiva producida	Proyecto	10/1/11	12/31/11
22	Pid: nuevos materiales y estrategias para la integración de las nuevas tecnologías de la comunicación en la impartición de las asignaturas del dep. quim. inorg. en la titul farmacia	Proyecto	10/29/10	10/30/11
23	Reutilización de lodos carbonatados	Contrato	10/1/10	12/31/10
24	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andujar y la instalación de almacenamiento de residuos radiactivos de el cabril	Convenio	10/1/10	12/31/10
	Catalizadores soportados sobre monolitos de carbón avanzados para la			

25	Catalizadores soportados sobre monolitos de carbon avanzados para la combustión de voc	Proyecto	10/1/05	10/31/10
26	Nuevos aerogeles de carbon como soportes de catalizadores para reacciones de hidrogenacion, oxidacion de covs y como electrocatalizadores en pilas de combustible	Proyecto	10/1/07	9/30/10
27	Tratamientos de aguas contaminadas con derivados de farmacos mediante procesos de oxidacion avanzada y adsorcion/bioadsorcion sobre materiales de carbon.	Proyecto	10/1/07	9/30/10
28	Contrato investigación programa ramón y cajal - convocatoria 2005	Contrato	10/1/05	7/6/10
29	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andújar y la instalación de almacenamiento de residuos radiactivos de el cabril	Convenio	10/1/09	12/31/09
30	Eliminación de contaminantes en fase acuosa y gaseosa mediante procesos de adsorción y catálisis usando materiales avanzados de carbón	Proyecto	10/1/06	2/28/09
31	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andújar y la instalación de almacenamiento de residuos radiactivos de el cabril	Convenio	10/1/08	12/31/08
32	Estudio de la radioactividad ambiental en el noroeste de marruecos: correlación con los parámetros meteorológicos y modelo de predicción.	Proyecto	10/1/08	12/31/08
33	Estudio de la radioactividad ambiental en el noroeste de marruecos: correlación con los parámetros meteorológicos y modelo de predicción.	Proyecto	10/1/07	12/31/08
34	Control fitosanitario de cultivo hidropónico de pimiento	Contrato	10/1/07	4/30/08
35	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andújar y la instalación de almacenamiento de residuos radiactivos de el cabril	Convenio	10/1/07	12/31/07
36	High performance catalysts for air and water pollution control	Proyecto	10/1/06	12/31/07
37	Eliminacion de surfactantes y compuestos aromáticos mediante el uso de materiales carbonosos en los procesos de adsorción y fotoxidación	Proyecto	10/1/04	12/31/07
38	Eliminacion de surfactantes y compuestos aromaticos mediante el uso de materiales carbonosos en los procesos de adsorcion, ozonizacion y fotoxidacion.	Proyecto	10/13/04	12/13/07
39	Diseño de materiales monoliticos de carbon para aplicaciones en descontaminacion ambiental	Proyecto	10/13/04	12/13/07
40	Recubrimientos de monolitos ceramicos con nanofibras de carbono	Proyecto	10/1/06	9/30/07
41	Nutrición por riego en plantas de pimiento en semillero	Contrato	10/1/05	4/30/07
42	Oraganización de la viii reunión del grupo español del carbón	Proyecto	10/1/06	12/31/06
43	Programa de vigilancia radiológica ambiental en el entorno de la fábrica de uranio de andújar y la instalación de almacenamiento de residuos radiactivos de el cabril	Convenio	10/1/06	12/31/06
44	Preparación de carbones activados para la eliminación de contaminantes presentes en lixiviados de vertederos urbanos e industriales	Proyecto	10/1/04	12/31/05
45	Purificación de aguas contaminadas mediante tratamientos con carbones activaos, ozonc y microorganismos	Proyecto	10/28/01	6/27/05
46	Materiales carbonosos avanzados como adsorbentes y soportes de catalizadores metálicos en las reacciones de oxidación parcial de metalnol y total de compuestos orgánicos volátiles	Proyecto	10/28/01	12/27/04
47	Aplicaciones de los materiales carbonosos en reacciones catalítica de interés ambiental, energético y en química fina	Proyecto	10/1/98	10/1/01
48	Preparacion y caracterizacion de carbones activados a partir de subproductos agricolas y su uso como adsorbentes para el tratamiento de aguas	Proyecto	10/1/98	1/1/01
49	Formacion continuada en tecnicas medioambientales. doctorado en tecnologia del medioambiente	Proyecto	10/1/98	1/1/01
50	Preparación y caracterización de carbones activados a partir de subproductos agricolas y su uso como adsorbentes en los procesos de tratamiento de aguas	Proyecto	10/1/98	1/1/00

agricolas y su uso como adsorbentes en los procesos de tratamiento de agua				
51	Carbones como adsorbentes de contaminantes, como catalizadores y soportes de catalizadores	Proyecto	10/1/95	7/1/98
52	Formación continuada en técnicas medioambientales. movilidad de posgraduados	Proyecto	10/1/97	1/1/98
53	Eliminación, almacenamiento y/o transformación de contaminantes procedentes de la utilización de combustibles fósiles	Proyecto	10/5/92	6/5/95
54	Regeneración de carbones activos después de su utilización como descontaminates	Proyecto	10/1/94	12/31/94
55	Carbones activos a partir de carbones subbituminosos españoles	Proyecto	10/27/91	9/27/94
56	Entrecruzamiento durante la hidrogenación del carbón a través de medidas de hinchamiento. estudio de su relación con la conversión del carbón	Proyecto	10/1/90	12/31/93
57	Regeneración de carbones activos después de su utilización como descontaminates	Proyecto	10/1/93	12/31/93
58	Valoración del potencial del carbón por medidas de su hinchamiento	Proyecto	10/1/90	12/31/93
59	Activated carbons from spanish subbituminous coals	Proyecto	10/1/90	1/1/93
60	Carbones activados a partir de carbones subbituminosos españoles	Contrato	10/1/90	1/1/93
61	El carbón como catalizador y soporte de catalizadores	Proyecto	10/1/89	7/1/92
62	Estudio de la descontaminación ambiental mediante el uso de carbones activados procedentes de cáscaras de almendras, huesos de aceitunas, lignitos y polímeros orgánicos	Proyecto	10/24/85	9/24/88

Actividades 17

Título actividad	Entidad	Tipo	Fecha
Participación en: junta directiva del grupo español del carbón ()		Comité científico en sociedad ci	Jul 10, 1990
Participación en: grupo español del carbón (gec) ()		Comité científico en sociedad ci	Sep 1, 2002
Participación en: instituto de biotecnología y química fina (universidad técnica de lisboa. instituto superior técnico.)	Universidad técnica de lisboa. instituto superior técnico.	Comité científico en sociedad ci	Sep 1, 1994
Participación en: instituto de ciencia e ingeniería de materiales y superficies (icems). (universidad técnica de lisboa. instituto superior técnico.)	Universidad técnica de lisboa. instituto superior técnico.	Comité científico en sociedad ci	Sep 1, 1994
Participación en: sociedad nuclear española, miembro ()		Comité científico en sociedad ci	Jan 1, 2006
Participación en: grupo español del carbón, miembro ()		Comité científico en sociedad ci	Oct 10, 1990
Grupo especializado de adsorción de la rseq, vocal de la junta directiva		Comité científico en sociedad ci	Sep 17, 2014
Grupo español del carbón		Comité científico en sociedad ci	Jul 10, 2003
Participación en: sociedad española de catálisis (secat) ()		Comité científico en sociedad ci	Jun 5, 2007
Participación en comité de revista: revista colombiana de química		Comités científicos de revista	Nov 1, 2008
Participación en comité de revista: carbon		Comités científicos de revista	Jan 1, 2002
Evaluación de proyectos para la agencia nacional de evaluación y prospectiva; anep		Experiencia en evaluación	Dec 1, 2012
Evaluación proyectos anep	Agencia nacional de evaluación y prospectiva	Experiencia en evaluación	Dec 1, 2008
Evaluación proyectos anep	Agencia nacional de evaluación y prospectiva	Experiencia en evaluación	Dec 1, 2014
Participación en: grupo español del carbón ()		Comité científico en sociedad ci	Jan 1, 1998
Participación en: grupo español del carbon ()		Comité científico en sociedad ci	Jul 10, 1990
Grupo especializado de adsorción de la rseq, vocal de la junta directiva		Comité científico en sociedad ci	Sep 10, 2010

- JOSÉ RIVERA UTRILLA (335)
- FRANCISCO CARRASCO MARÍN (269)
- CARLOS MORENO CASTILLA (230)
- FRANCISCO JOSÉ MALDONADO HÓDAR (201)
- MANUEL SANCHEZ POLO (181)
- AGUSTÍN FRANCISCO PÉREZ CADENAS (163)
- MARÍA ÁNGELES FERRO GARCÍA (153)
- MARIA ISIDORA BAUTISTA TOLEDO (119)
- JOSÉ DIEGO MÉNDEZ DÍAZ (59)
- SERGIO MORALES TORRES (58)
- Esther Bailón García (50)
- FRANCISCO JAVIER LÓPEZ GARZÓN (30)
- Jose Francisco Vivo Vilches (25)
- INMACULADA FERNÁNDEZ MORALES (22)
- LUISA MARÍA PASTRANA MARTÍNEZ (21)
- Jesica Castelo Quibén (15)
- MARÍA DOMINGO GARCÍA (14)
- ANTONIO JOSÉ MOTA ÁVILA (11)
- Maria Helena Garcia Rosero (8)
- FRANCISCO PIÑERO GARCÍA (7)
- JUAN DE VICENTE ALVAREZ-MANZANEDA (6)
- MARTA BOZENA DAWIDZIUK (6)
- DAVID ARRAEZ ROMAN (3)
- FRANCISCO JAVIER OLIVER POZO (3)
- JOSÉ MARIANO RUIZ DE ALMODOVAR RIVERA (3)
- VIRGÍNEA DE ARAUJO FARIAS (3)
- ALBERTO FERNANDEZ GUTIERREZ (2)
- ANTONIO SEGURA CARRETERO (2)
- CRISTINA RUIZ SAMBLÁS (2)
- JOSE LUIS LINARES FERNÁNDEZ (2)
- JUAN DE DIOS LÓPEZ-GONZÁLEZ GARRIDO (2)
- JUAN MANUEL SALAS PEREGRÍN (2)
- MARIA CARMEN CRUCES BLANCO (2)
- PEDRO GONZÁLEZ RODELAS (2)
- RAFAEL MIGUEL CUESTA MARTOS (2)
- ROQUE HIDALGO ALVAREZ (2)
- ANTONIO MATILLA HERNANDEZ (1)
- ANTONIO NAVARRETE GUIJOSA (1)
- ANTONIO RODRÍGUEZ DIÉGUEZ (1)
- INMACULADA ALEMÁN AGUILERA (1)
- JOSEFA MARIA GONZALEZ PEREZ (1)
- JOSÉ MARÍA MORENO SÁNCHEZ (1)
- JUAN CARLOS AVILA ROSON (1)
- JUAN NICLOS GUTIERREZ (1)
- Julia Sirés Campos (1)
- MANUEL JOSÉ PÉREZ MENDOZA (1)
- MIGUEL CECILIO BOTELLA LÓPEZ (1)
- MOHAMED TASSI Mzamzi (1)

- RICARDO CARLOS NAVARRETE CASAS (1)