

CARLOS MORENO CASTILLA

Grupo de Investigación: GRUPO DE INVESTIGACIÓN EN MATERIALES DE CARBÓN (Cod.: RNM172)

Departamento: Universidad de Granada. Química Inorgánica

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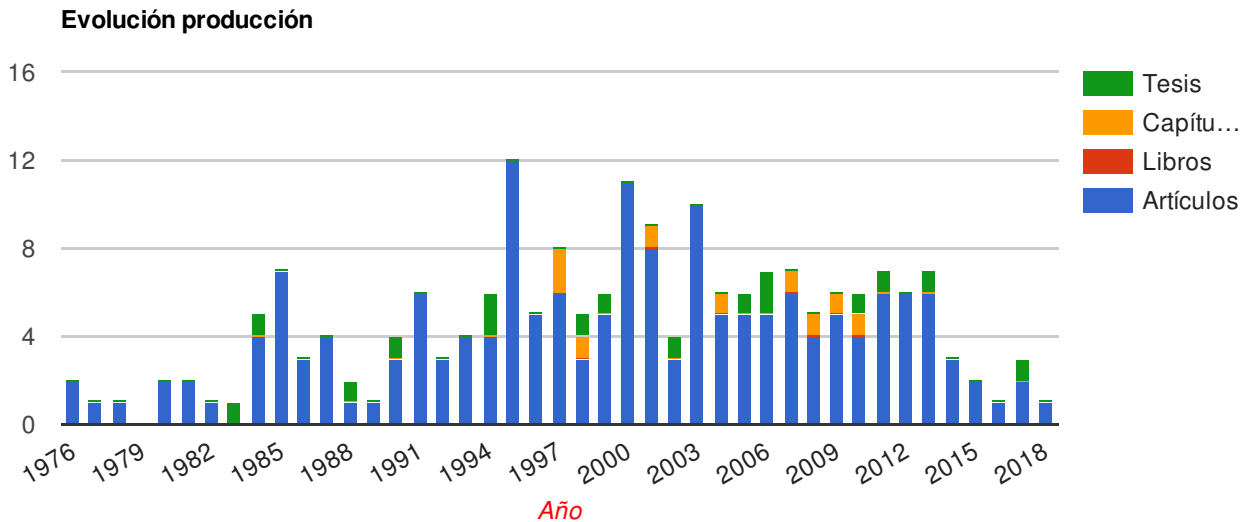
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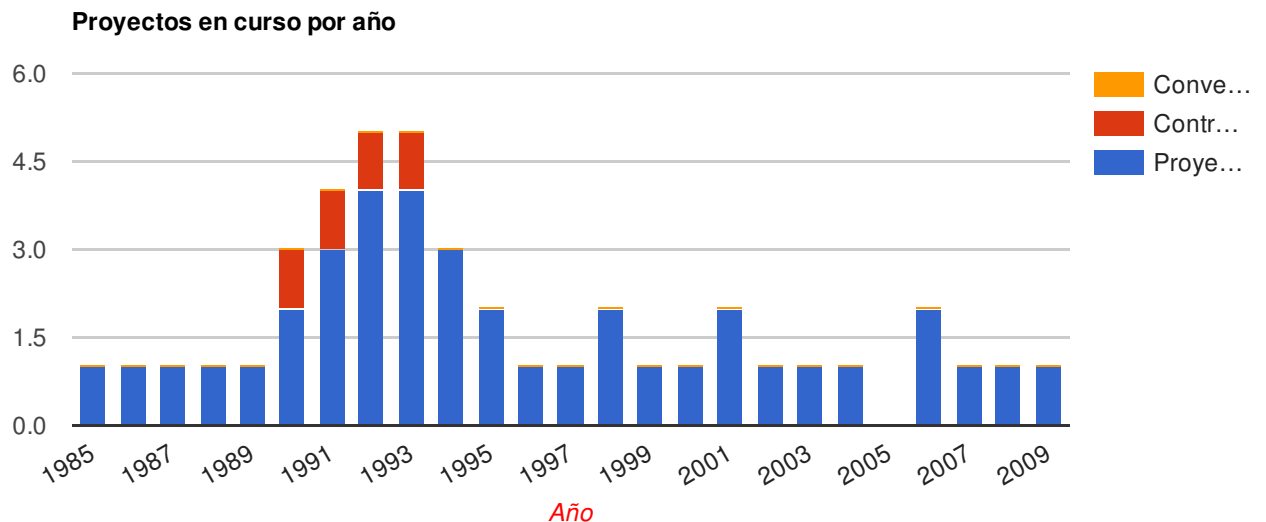
Producción 198

Artículos (173) Libros (0) Capítulos de Libros (9) Tesis dirigidas (16)



Proyectos dirigidos 13

Proyectos (12) Contratos (1) Convenios (0)



Actividades 3

Titulo publicación	Fuente	Tipo	Fecha
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
Symmetric supercapacitor electrodes from koh activation of pristine, carbonized, and hydrothermally treated melia azedarach stones	Materials	Articulo	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	Articulo	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
Mixed iron oxides as fenton catalysts for gallic acid removal from aqueous solutions	Applied catalysis b: environmental	Articulo	2016
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
Fenton oxidation of gallic and p-coumaric acids in water assisted by an activated carbon cloth	Water science and technology	Articulo	2015
Influence of the boron precursor and drying method on surface properties and electrochemical behaviour of boron-doped carbon gels	Langmuir	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
Carbon xerogel microspheres and monoliths from resorcinol-formaldehyde mixtures with varying dilution ratios. preparation, surface characteristics, and electrochemical double-layer capacitances	Langmuir	Articulo	2013
Electrochemical performance of cu- and ag-doped carbon aerogels	materials chemistry and physics	Articulo	2013
Geles de carbón y carbones activados como electrodos de supercondensadores	Universidad pontificia bolivariana, medellín, colombia	Tesis doctoral	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
Metal-doped carbon xerogels for the electro-catalytic conversion of co ₂ to hydrocarbons	Carbon	Articulo	2013
Synthesis, surface characteristics, and electrochemical capacitance of cu-doped carbon xerogel microspheres	Carbon	Articulo	2013
Activated carbons from koh-activation of argan (argania spinosa) seed shells as supercapacitor electrodes	Bioresource technology	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
Electrochemical performance of carbon gels with variable surface chemistry and physics	Carbon	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

Derivatives			
Water sorption on silica- and zeolite-supported hygroscopic 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
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
Heterogeneous and homogeneous fenton processes using activated carbon for the removal of the herbicide amitrole from water	Applied catalysis b: environmental	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
Tela de carbón activo: biomateriales para la proliferación de células mesenquimales	Boletín del grupo español del carbón	Articulo	2011
Adsorption mechanisms of metal cations from water on an oxidized activated carbon surface	Journal of colloid and interface science	Articulo	2010
Batch and column adsorption of herbicide fluroxypyr on different types of activated carbons from water with varied degrees of hardness and alkalinity	Water research	Articulo	2010
Carbon-based honeycomb monoliths for environmental gas-phase applications	Materials	Articulo	2010
Estudio del proceso de adsorción-desorción del herbicida fluroxypyr 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
Materiales carbonosos para el tratamiento de aguas contaminadas	Nuevos materiales y tecnologías para el tratamiento del agua	Capítulo de libro	2010
Water adsorption on zeolite 13x: comparison of the two methods based on mass spectrometry and thermogravimetry	Adsorption	Articulo	2010
Activated carbon cloth as support for mesenchymal stem cell growth and differentiation to osteocytes	Carbon	Articulo	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	Articulo	2009
Carbon aerogels from gallic acid-resorcinol mixtures as adsorbents of benzene, toluene and xylenes from dry and wet air under dynamic conditions	Carbon	Articulo	2009
Carbon gels in catalysis	Carbon materials for catalysis	Capítulo de libro	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	Articulo	2009
Surface chemistry, porous texture, and morphology of n-doped carbon xerogels	Langmuir	Articulo	2009
Adsorption of organic solutes from dilute aqueous solutions	Adsorption by carbons	Capítulo de libro	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
Inter- and intra-primary-particle structure of monolithic carbon aerogels	Langmuir	Articulo	2008

obtained with varying solvents	Langmuir	Articulo	2008
Kinetics of diuron and amitrole adsorption from aqueous solution on activated carbons	Journal of hazardous materials	Articulo	2008
Temperature dependence of the point of zero charge of oxidized and non-oxidized activated carbons	Carbon	Articulo	2008
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
Azo-dye orange ii degradation by heterogeneous fenton-like reaction using carbon-fe catalysts	Applied catalysis b: environmental	Articulo	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
Methanol partial oxidation on carbon-supported pt and pd catalysts	Catalysis today	Articulo	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	Articulo	2007
Reversible toluene adsorption on monolithic carbon aerogels	Journal of hazardous materials	Articulo	2007
Aerogeles monolíticos de carbón como adsorbentes para la eliminación de compuestos orgánicos volátiles (btx)	Universidad de granada. química inorgánica	Tesis doctoral	2006
Granular and monolithic activated carbons from koh-activation of olive stones	Microporous and mesoporous materials	Articulo	2006
Pd and pt catalysts supported on carbon-coated monoliths for low-temperature combustion of xylenes	Carbon	Articulo	2006
Porosity and surface area of monolithic carbon aerogels prepared using alkaline carbonates and organic acids as polymerization catalysts	Carbon	Articulo	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
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	Articulo	2006
Temperature dependence of herbicide adsorption from aqueous solutions on activated carbon fiber and cloth	Langmuir	Articulo	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
Influence of pt particle size on catalytic combustion of xylenes on carbon aerogel-supported pt catalysts	Applied catalysis b: environmental	Articulo	2005
Molybdenum carbide formation in molybdenum-doped organic and carbon aerogels	Langmuir	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
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
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
Surface morphology, metal dispersion, and pore texture of transition metal-doped monolithic carbon aerogels and steam-activated derivatives	Microporous and mesoporous materials	Articulo	2004
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
Bioadsorption of pb(ii), cd(ii), and cr(vi) on activated carbon from aqueous solutions	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
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
Bioadsorción 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
Experimental design to optimize preparation of activated carbons for use in water treatment	Environmental science & technology	Articulo	2002
Surface characteristics of titania/carbon composite aerogels	Langmuir	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	Carbon	Articulo	2001

activated carbons with varying surface acidic character	Carbon	Artículo	2001
Distribution of surface oxygen complexes on activated carbons from immersion calorimetry, titration and temperature- programmed desorption techniques	Carbon	Artículo	2001
Optimization of conditions for the preparation of activated carbons from olive-waste cakes	Carbon	Artículo	2001
Tungsten and tungsten carbide supported on activated carbon: surface structures and performance for ethylene hydrogenation	Langmuir	Artículo	2001
Catalytic graphitization of carbon aerogels by transition metals	Langmuir	Artículo	2000
Changes in surface chemistry of activated carbons by wet oxidation	Carbon	Artículo	2000
Decomposition reactions of methanol and ethanol catalyzed by tungsten oxide supported on activated carbon	Reaction kinetics and catalysis letters	Artículo	2000
Metal-carbon aerogels as catalysts and catalysts supports	Studies in surface science and catalysis	Artículo	2000
Regularities in the temperature-programmed desorption spectra of co ₂ and co from activated carbons	Carbon	Artículo	2000
Specific and non-specific interactions of water molecules with carbon surfaces from immersion calorimetry	Carbon	Artículo	2000
Specific and nonspecific interactions between methanol and ethanol and active carbons	Langmuir	Artículo	2000
Synthesis and surface characteristics of silica- and alumina- carbon composite xerogels	Physical chemistry chemical physics	Artículo	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	Artículo	2000
Tungsten catalysts supported on activated carbon: i. preparation and characterization after their heat treatments in inert atmosphere	Journal of catalysis	Artículo	2000
Tungsten catalysts supported on activated carbon: ii. skeletal isomerization of 1-butene	Journal of catalysis	Artículo	2000
Catalizadores de wolframio soportados en carbon activado. preparacion, caracterizacion y uso en las reacciones de descomposicion de alcoholes, isomerizacion de 1-butenio 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	Artículo	1999
Influence of the porous structure and mineral substances on the parameters of coal hydrogenation	Solid fuel chemistry	Artículo	1999
On the adsorption of formaldehyde at high temperatures and zero surface coverage	Langmuir	Artículo	1999
On the characterization of acidic and basic surface sites on carbons by various techniques	Carbon	Artículo	1999
Synthesis and textural characteristics of organic aerogels, transition-metal-containing organic aerogels and their carbonized derivatives	Carbon	Artículo	1999
Adsorption of humic substances on activated carbon from aqueous solutions and their effect on the removal of cr(iii) ions	Langmuir	Artículo	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	Artículo	1998
Preparacion y caracterizacion de carbones 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
Glassy carbons for application in selective adsorption	Current topics in colloid and interface science	Capítulo de libro	1997
On the carbon dioxide and benzene adsorption on activated carbons to study their micropore structure	Langmuir	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
The preparation, properties and regeneration of active sorbents from spanish subbituminous coals	Solid fuel chemistry	Articulo	1996
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 so ₂ 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 co ₂ and co by fe catalysts obtained from fe-2(co)(9) and fe-3(co)(12) clusters supported on activated carbons	Fuel	Articulo	1995
Micropore structure of activated carbons prepared from a spanish subbituminous coal studied by co ₂ , 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 carbones 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
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
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
Comparison of activated carbons prepared from agricultural raw materials and spanish lignites when removing chlorophenols from aqueous solutions	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
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

Vanadium pentoxide as catalyst in the air gasification of chars	Fuel	Articulo	1989
Gasificación de carbones activos y minerales en aire seco y dióxido de carbono catalizada por Cr_2O_3 y MoO_3	Universidad de granada. química inorgánica	Tesis doctoral	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
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
The striking behaviour of cu catalysing the gasification reaction of coal chars in dry air	Fuel	Articulo	1987
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 hydrogen reduction on the surface characteristics of carbon-supported iron and ruthenium catalysts	Applied catalysis	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
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 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
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
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
High temperature adsorption of hydrocarbons by activated carbons prepared from olive stones	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_2 con C_4H_{10}	Universidad de granada. química inorgánica	Tesis doctoral	1984
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
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
Adsorptive behaviour of an exfoliated graphite	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
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

	Título proyecto	Tipo	Inicio	Fin
1	Eliminación de contaminantes en fase acuosa y gaseosa mediante procesos de adsorción y catálisis usando materiales avanzados de carbón	Proyecto	2/1/06	2/28/09
2	Organización de la viii reunión del grupo español del carbón	Proyecto	1/1/06	12/31/06
3	Materiales carbonosos avanzados como adsorbentes y soportes de catalizadores metálicos en las reacciones de oxidación parcial de metanol y total de compuestos orgánicos volátiles	Proyecto	12/28/01	12/27/04
4	Aplicaciones de los materiales carbonosos en reacciones catalíticas de interés ambiental, energético y en química fina	Proyecto	10/1/98	10/1/01
5	Carbones como adsorbentes de contaminantes, como catalizadores y soportes de catalizadores	Proyecto	7/1/95	7/1/98
6	Eliminación, almacenamiento y/o transformación de contaminantes procedentes de la utilización de combustibles fósiles	Proyecto	6/5/92	6/5/95
7	Regeneración de carbones activos después de su utilización como descontaminantes	Proyecto	1/1/94	12/31/94
8	Carbones activos a partir de carbones subbituminosos españoles	Proyecto	9/27/91	9/27/94
9	Regeneración de carbones activos después de su utilización como descontaminantes	Proyecto	1/1/93	12/31/93
10	Carbones activados a partir de carbones subbituminosos españoles	Contrato	1/1/90	1/1/93
11	Activated carbons from spanish subbituminous coals	Proyecto	1/1/90	1/1/93
12	El carbón como catalizador y soporte de catalizadores	Proyecto	7/1/89	7/1/92
13	Estudio de la descontaminación ambiental mediante el uso de carbones activados procedentes de cáscaras de almendras, huesos de aceitunas, lignitos y polímeros orgánicos	Proyecto	9/24/85	9/24/88

Actividades 3

Título actividad	Fuente	Tipo	Fecha
Participación en: grupo español del carbon ()		Comité científico en sociedad ci	Jul 10, 1990
Participación en: junta directiva del grupo español del carbón ()		Comité científico en sociedad ci	Jul 10, 1990
Participación en comité de revista: carbon		Comités científicos de revista	Jan 1, 2002

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