

Ficha de investigador

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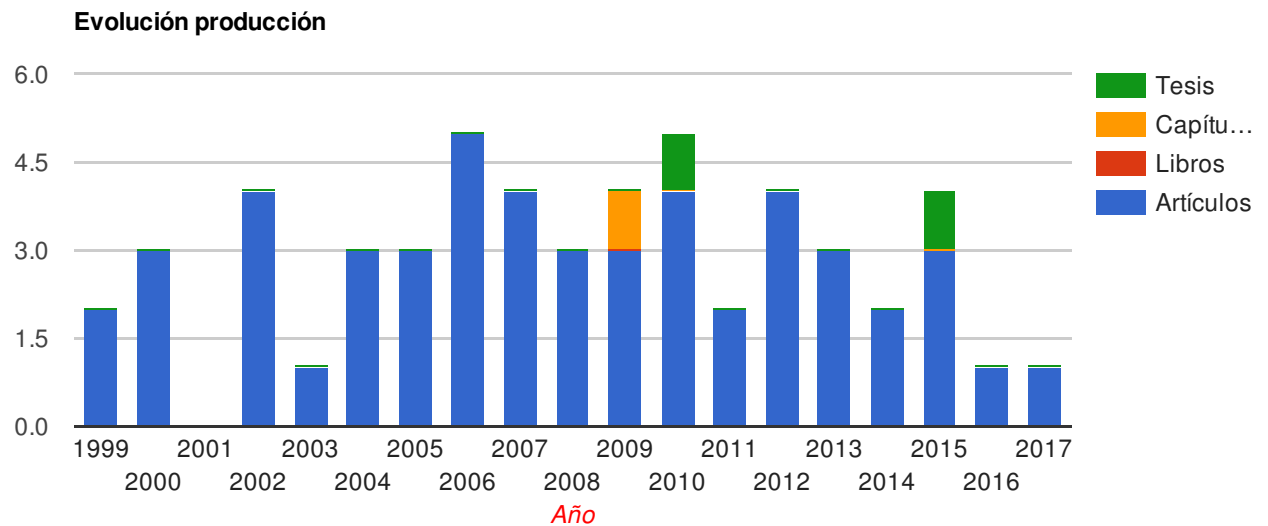
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Ficha del Directorio

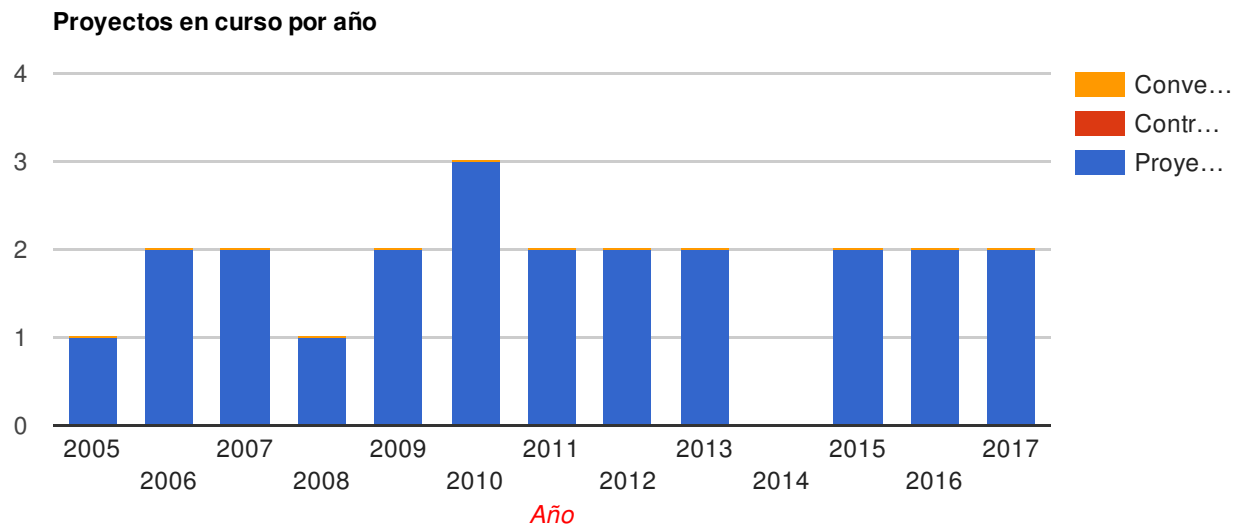
Producción 54

Artículos (51) Libros (0) Capítulos de Libros (1) Tesis dirigidas (2)



Proyectos dirigidos 7

Proyectos (7) Contratos (0) Convenios (0)



Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Copper-catalyzed direct amination of the superficial graphenic domains of multi-walled carbon nanotubes	Catalysis science and technology	Articulo	2017
Grafting the surface of carbon nanotubes and carbon black with the chemical properties of hyperbranched polyamines	Science and technology of advanced materials	Articulo	2016
2d-cadmium mof and gismondine-like zinc coordination network based on the n-(2-tetrazolethyl)-4 -glycine linker	New journal of chemistry	Articulo	2015
Covalent bromination of multi-walled carbon nanotubes by iodine bromide and cold plasma treatments	Carbon	Articulo	2015
Degree of functionalization and stability of fluorine groups fixed to carbon nanotubes and graphite nanoplates by cf4 microwave plasma	Applied surface science	Articulo	2015
Estructuras hiperramificadas sobre nanotubos de carbono para la obtención de nanopartículas metálicas soportadas: fijación a través de funciones halogenadas y funcionalización directa	Universidad de granada. facultad de ciencias	Tesis doctoral	2015
Pore-network connectivity and molecular sieving of normal and isoalkanes in the mesoporous silica sba-2	The journal of physical chemistry c	Articulo	2014
Sidewall chlorination of carbon nanotubes by iodine trichloride	The journal of physical chemistry c	Articulo	2014
Carbon tetrachloride cold plasma for extensive chlorination of carbon nanotubes	The journal of physical chemistry c	Articulo	2013
Functionalization of multi-wall carbon nanotubes by ozone at basic ph. comparison with oxygen plasma and ozone in gas phase	The journal of physical chemistry c	Articulo	2013
Modular structure of a robust microporous mof based on cu 2 paddle-wheels with high co 2 selectivity	Chemical communications	Articulo	2013
An efficient procedure to bond nanostructured nitrogen functionalities to carbon surfaces	Carbon	Articulo	2012
Porosity development in carbon nanofibers by physical and chemical activation	Journal of nano research	Articulo	2012
Preparation of a poly-alkylamine surface-functionalized carbon with excellent performance as a pd(ii) scavenger	Carbon	Articulo	2012
Transferring the properties of molecular receptors to the carbon surface in hybrid materials: the crucial role of porous texture	materials chemistry and physics	Articulo	2012
Effect of plasma treatments of bisphenol a polycarbonate on the characteristics of carbon materials obtained by further pyrolysis	Plasma processes and polymers	Articulo	2011
Influence of carbon xerogel textural properties on the dynamic adsorption of methyl iodide	Chemical engineering journal	Articulo	2011
A flexible pro-porous coordination polymer: non-conventional synthesis and separation properties towards co2/ch4 mixtures	Chemistry (weinheim. internet)	Articulo	2010
Carbon adsorbents from polycarbonate pyrolysis char residue: hydrogen and methane storage capacities	Energy & fuels	Articulo	2010
Influence of nitric acid concentration on the characteristics of active carbons obtained from a mineral coal	Fuel processing technology	Articulo	2010
Policarbonato de bisfenol a como precursor de adsorbentes carbonosos	Universidad de granada. química inorgánica	Tesis doctoral	2010
The influence of the process conditions on the characteristics of activated carbons obtained from pet de-polymerisation	Fuel processing technology	Articulo	2010
Effects of partial and total methane flows on the yield and structural characteristics of mwcnts produced by cvd		Articulo	2009
Microporosity of activated carbons obtained from pet	Characterization of porous solids viii	Articulo	2009
	Proceedings of the 8th		

Microporosity of activated carbons obtained from pet	Proceedings of the 6th international symposium on the characterisation of porous solids	Capítulo de libro	2009
Narrow microporosity characterization in polyaramid-derived carbons by adsorption of n ₂ , co ₂ and organic vapours		Artículo	2009
Evaluation of the dispersive component of the surface energy of active carbons as determined by inverse gas chromatography at zero surface coverage	Journal of chromatography a	Artículo	2008
Polymorphic coordination networks responsive to co ₂ , moisture, and thermal stimuli: porous cobalt(ii) and zinc(ii) fluoropyrimidinolates	Chemistry (weinheim. internet)	Artículo	2008
Use of specific surface areas in inverse gas chromatography studies at zero surface coverage	Journal of chromatography a	Artículo	2008
A new method to obtain microporous carbons from pet: characterisation by adsorption and molecular simulation	Microporous and mesoporous materials	Artículo	2007
Characterisation of periodic mesoporous silicas using molecular simulation	Studies in surface science and catalysis	Artículo	2007
Cvd production of double-wall and triple-wall carbon nanotubes	Diamond and related materials	Artículo	2007
The role of the porosity and oxygen groups on the adsorption of n-alkanes, benzene, trichloroethylene and 1,2-dichloro ethane on active carbons at zero surface coverage	Carbon	Artículo	2007
Analysis of the microporous texture of a glassy carbon by adsorption measurements and monte carlo simulation. evolution with chemical and physical activation	Carbon	Artículo	2006
Design of hybrid organic/inorganic adsorbents based on periodic mesoporous silica	Industrial & engineering chemistry research	Artículo	2006
Surface characterisation of plasma-modified poly(ethylene terephthalate)	Journal of colloid and interface science	Artículo	2006
Surface characteristics of activated carbons obtained by pyrolysis of plasma pretreated pet	The journal of physical chemistry b	Artículo	2006
Towards helical and y-shaped carbon nanotubes: the role of sulfur in the cvd processes	Nanotechnology	Artículo	2006
Effects of oxygen and carbon dioxide plasmas on the surface of poly(ethylene terephthalate)	Journal of colloid and interface science	Artículo	2005
Influence of molybdenum on the chemical vapour deposition production of carbon nanotubes	Nanotechnology	Artículo	2005
Pet as precursor of microporous carbons: preparation and characterization	Microporous and mesoporous materials	Artículo	2005
Elucidation of the pore structure of sba-2 using monte carlo simulation to interpret experimental data for the adsorption of light hydrocarbons	Langmuir	Artículo	2004
Modelling and experiment towards the design of mesoporous organic-inorganic hybrid adsorbents	Studies in surface science and catalysis	Artículo	2004
The structure of mesoporous silica sba-2 determined by a percolation analysis of adsorption	Langmuir	Artículo	2004
Textural and chemical surface modifications produced by some oxidation treatments of a glassy carbon	Langmuir	Artículo	2003
Ammonia accessibility to the porosity of several activated carbons measured by flow adsorption microcalorimetry	Studies in surface science and catalysis	Artículo	2002
Carbon materials as catalysts for methylamines synthesis	Applied catalysis a: general	Artículo	2002
Dynamic adsorption of ammonia on activated carbons measured by flow microcalorimetry	Applied catalysis a: general	Artículo	2002
On the characterization of chemical surface groups of carbon	Journal of colloid and interface		

On the characterization of chemical surface groups of carbon materials	Journal of colloid and interface science	Articulo	2002
Adsorption of methylamines on carbon materials at zero surface coverage	Langmuir	Articulo	2000
Effect of some oxidation treatments on the textural characteristics and surface chemical nature of an activated carbon	Journal of colloid and interface science	Articulo	2000
Modifications produced by o ₂ plasma treatments on a mesoporous glassy carbon	Carbon	Articulo	2000
Modifications produced by o ₂ and co ₂ plasma treatments on a glassy carbon: comparison with molecular gases	Carbon	Articulo	1999
On the adsorption of formaldehyde at high temperatures and zero surface coverage	Langmuir	Articulo	1999

	Título proyecto	Tipo	Inicio	Fin
1	Nanomateriales avanzados basados en grafeno funcionalizado para aplicaciones catalíticas	Proyecto	1/1/15	12/31/17
2	Plasmas frios para la modificación de grafeno y óxido de grafeno	Proyecto	1/1/15	12/31/17
3	Tratamientos de CNTs y CBs mediante plasmas para su funcionalización con estructuras hiperramificadas	Proyecto	1/1/10	6/30/13
4	Hacia el desarrollo de nuevas nanoestructuras de partículas metálicas en soportes carbonosos: anclaje mediante poliaminas hiperramificadas a nanotubos de carbono y negros de carbón	Proyecto	1/1/10	6/30/13
5	Obtención de carbones activos a partir de polímeros orgánicos y materiales plásticos de desecho. estudio de sus características mediante procesos de adsorción y simulación, molecular	Proyecto	6/1/05	5/31/10
6	Desarrollo de carbones activados a partir de subproductos agrícolas para almacenamiento de gas natural	Proyecto	1/1/09	12/31/09
7	Diseño y preparación de nuevos adsorbentes altamente selectivos basados en materiales compuestos nanoestructurados carbono-sólido inorgánico	Proyecto	10/1/06	9/30/07

Actividades 0

Título actividad	Fuente	Tipo	Fecha
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