

# ALFONSO SALINAS CASTILLO

Grupo de Investigación: ESPECTROMETRÍA EN FÁSE SÓLIDA (Cod.: FQM118)

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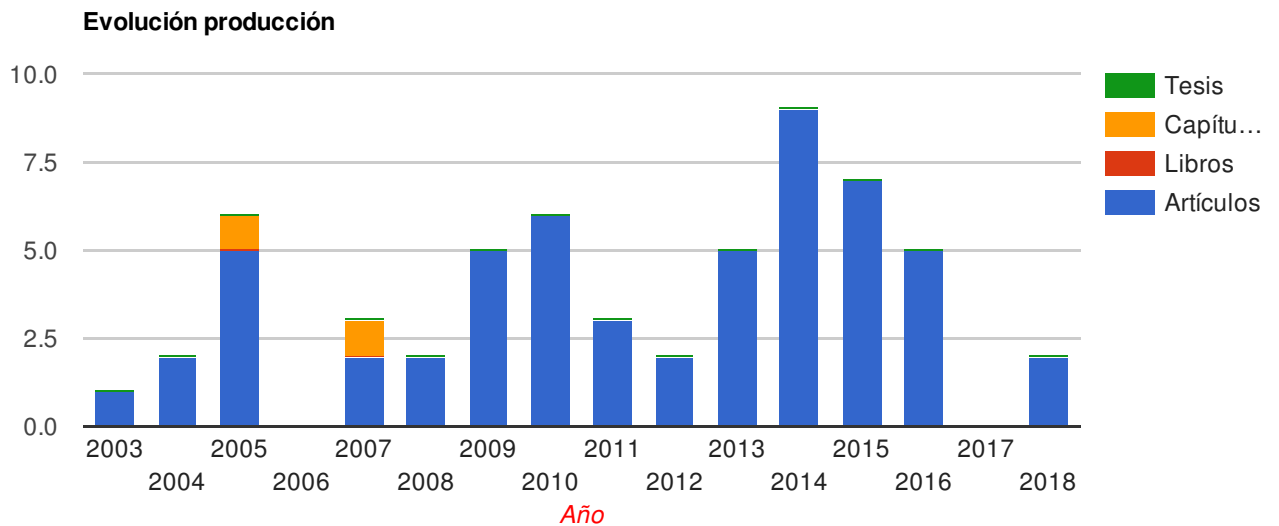
Código: 38488



Ficha del Directorio

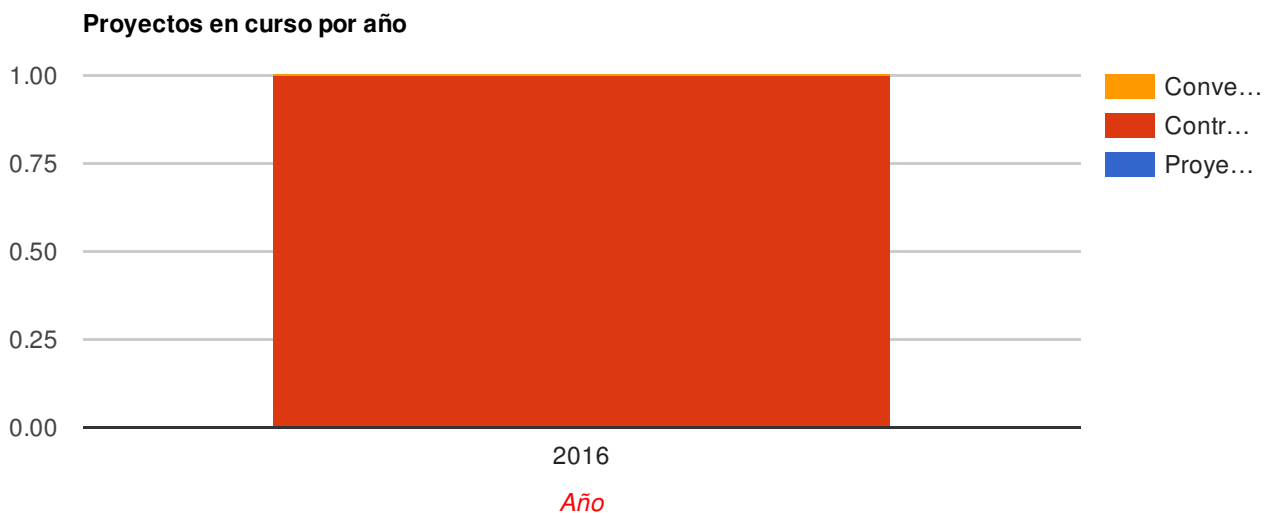
## Producción 58

Artículos (56) Libros (0) Capítulos de Libros (2) Tesis dirigidas (0)



## Proyectos dirigidos 1

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



## Actividades 1

Titulo publicación	Fuente	Tipo	Fecha
Microfluidic paper-based device for colorimetric determination of glucose based on a metal-organic framework acting as peroxidase mimetic	Microchimica acta	Articulo	2018
Slow relaxation of magnetization and luminescence properties of a novel dysprosium and pyrene-1,3,6,8-tetrasulfonate based mof	New journal of chemistry	Articulo	2018
Development of a printed sensor for volatile organic compound detection at microg/l-level	Sensors and actuators b: chemical	Articulo	2016
Evaluation of a reconfigurable portable instrument for copper determination based on luminescent carbon dots	Analytical and bioanalytical chemistry	Articulo	2016
Luminescence and magnetic properties of two three - dimensional terbium and dysprosium mofs based on azobenzene-4,4 -dicarboxylic linker	Polymers	Articulo	2016
Polyelectrolyte complexes of low molecular weight pei and citric acid as efficient and nontoxic vectors for in vitro and in vivo gene delivery	Bioconjugate chemistry	Articulo	2016
Tetrazine-based chemistry for nitrite determination in a paper microfluidic device	Talanta	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
Bidimensional cadmium metal-organic frameworks based on 1,3-bis(4-pyridyl)propane displaying long lifetime photoluminescence emission	Polyhedron	Articulo	2015
Effect of pi-pi stacking interactions on the emission properties of cadmium metal-organic frameworks based on 1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene	Crystengcomm	Articulo	2015
Experimental and theoretical study of photoluminescence and magnetic properties of metal-organic polymers based on squarate and tetrazolate moieties containing linkers	New journal of chemistry	Articulo	2015
Long lifetime photoluminescence emission of 3d cadmium metal-organic frameworks based on the 5-(4-pyridyl)tetrazole ligand	Inorganica chimica acta	Articulo	2015
Thermochromic sensor design based on fe(ii) spin crossover/polymers hybrid materials and artificial neural networks as a tool in modelling	Sensors and actuators b: chemical	Articulo	2015
Towards a potential 4,4 - (1,2,4,5-tetrazine-3,6-diyl) dibenzoic spacer to construct metal-organic frameworks	New journal of chemistry	Articulo	2015
Dual investigation of lanthanide complexes with cinnamate and phenylacetate ligands: study of the cytotoxic properties and the catalytic oxidation of styrene	Polyhedron	Articulo	2014
Engineered glycosylated amino dendritic polymers as specific nonviral gene delivery vectors targeting the receptor for advanced glycation end products	Bioconjugate chemistry	Articulo	2014
Microsystem-assisted synthesis of carbon dots with fluorescent and colorimetric properties for ph detection	Nanoscale	Articulo	2014
Monitoring of degradation of porous silicon photonic crystals using digital photography	Nanoscale research letters	Articulo	2014
Particle tuning and modulation of the magnetic/colour synergy in fe (ii) spin crossover-polymer nanocomposites in a thermochromic sensor array	Journal of materials chemistry c	Articulo	2014
Photoluminescence of the first examples of metal-organic frameworks with two novel tetrazolatephenyl acetic acid	Crystengcomm	Articulo	2014

derivatives. an experimental and theoretical study			
Printed disposable colorimetric array for metal ion discrimination	Analytical chemistry	Articulo	2014
Thermoresponsive gold polymer nano hybrids with a tunable cross-linked meo2ma polymer shell	Particle and particle systems characterization	Articulo	2014
Unique metal-organic-framework with based on 4-(1,2,4,5-tetrazol-4-yl) biphenyl carboxylate spacer: blue-green photoluminescence	Polyhedron	Articulo	2014
Carbon dots for copper detection with down and upconversion fluorescent properties as excitation sources	Chemical communications	Articulo	2013
Feasibility of the use of disposable optical tongue based on neural networks for heavy metal identification and determination	Analytica chimica acta	Articulo	2013
First examples of metal-organic frameworks with the novel 3,3'-(1,2,4,5-tetrazine-3,6-diyl)dibenzoic spacer. luminescence and adsorption properties.	Inorganic chemistry	Articulo	2013
Novel 3d lanthanum oxalate metal-organic-framework: synthetic, structural, luminescence and adsorption properties	Polyhedron	Articulo	2013
Photographing the synergy between magnetic and colour properties in spin crossover material [Fe(NH <sub>2</sub> trz) <sub>3</sub> ](BF <sub>4</sub> ) <sub>2</sub> : a temperature sensor perspective	Chemical communications	Articulo	2013
Novel metal-organic frameworks based on 5-bromonicotinic acid: multifunctional materials with H <sub>2</sub> purification capabilities	Crystengcomm	Articulo	2012
Photographing the synergy between magnetic and colour properties in spin crossover material [Fe(NH <sub>2</sub> trz) <sub>3</sub> ](BF <sub>4</sub> ) <sub>2</sub> : a temperature sensor perspective	Chemical communication	Articulo	2012
A new 2d cadmium chloride network with 2-aminopyrimidine displaying long lifetime photoluminescence emission	Polyhedron	Articulo	2011
Conjugated polymer microspheres for "turn-off"/"turn-on" fluorescence optosensing of inorganic ions in aqueous media	Analytical chemistry	Articulo	2011
Fluorene-based stannylated polymers and their use as recyclable reagents in the stille reaction		Articulo	2011
A chiral diamondoid 3d lanthanum metal-organic framework displaying blue-greenish long lifetime photoluminescence emission	Crystengcomm	Articulo	2010
Direct synthesis of pbs nanocrystals capped with 4-fluorothiophenol in semiconducting polymer	materials chemistry and physics	Articulo	2010
Multienzymatic system immobilization in sol-gel slides: fluorescent superoxide biosensors development	Biosensors & bioelectronics	Articulo	2010
Synthesis of a new fluorescent conjugated polymer microsphere for chemical sensing in water media	Chemical communications	Articulo	2010
Synthesis, structures and luminescence properties of two new Zn(II) coordination compounds incorporating the 5-(4-pyridyl)tetrazolate spacer ligand	Inorganica chimica acta	Articulo	2010
Solvent dependent behaviour of poly(9-vinylcarbazole)-based polymer light emitting diodes	Solid-state electronics	Articulo	2010
Multienzymatic system immobilization in sol-gel slides: fluorescent superoxide biosensors development	Biosensors & bioelectronics	Articulo	2009
Progress in the synthesis of poly(2,7-fluorene-alt-1,4-phenylene), pfp, via Suzuki coupling	Macromolecules	Articulo	2009
Progress in the synthesis of poly(2,7-fluorene-alt-1,4-phenylene), pfp, via Suzuki coupling.	Macromolecules	Articulo	2009
Solvent dependent behaviour of poly(9-vinylcarbazole)-based polymer light			

Solvent dependent behaviour of pvc-based polymer light emitting diodes	Synthetic metals	Artículo	2009
The development of a mip-optosensor for the detection of monoamine naphthalenes in drinking water	Biosensors & bioelectronics	Artículo	2009
Pyridine vapors detection by an optical fibre sensor	Sensors	Artículo	2008
Synthesis and characterization of cds nanocrystals stabilized in polyvinyl alcohol-sodium polyphosphate	Materials letters	Artículo	2008
Fosforescencia a temperatura ambiente inducida por átomos pesados: una revolucionaria metodología para la determinación de compuestos orgánicos en disolución	Homenaje al profesor don fermín capitán : investigación actual en la escuela analítica de granada	Capítulo de libro	2007
Room-temperature, phosphorimetric determination of the beta-blocking agent pindolol in pharmaceutical tablets, urine and blood serum.	Analytical and bioanalytical chemistry	Artículo	2007
Synthesis, x-ray structures and luminescence properties of three multidimensional metal-organic frameworks incorporating the versatile 5-(pyrimidyl)tetrazolato bridging ligand	Dalton transactions	Artículo	2007
A simple and rapid phosphorimetric method for the determination of the fungicide fuberidazole in water samples	International journal of environmental analytical chemistry	Artículo	2005
Iodinated molecularly imprinted polymer for room temperature phosphorescence optosensing of fluoranthene	Chemical communications	Artículo	2005
Molecularly imprinted polymers based on iodinated monomers for selective room-temperature phosphorescence optosensing of fluoranthene in water	Analytical chemistry	Artículo	2005
Simple determination of the herbicide napropamide in water and soil samples by room temperature phosphorescence.	Pest management science	Artículo	2005
Sistemas de detección fluorescente	Electroforesis capilar: aproximación según la técnica de detección	Capítulo de libro	2005
Solid-surface phosphorescence characterization of polycyclic aromatic hydrocarbons and selective determination of benzo(a)pyrene in water samples	Analytica chimica acta	Artículo	2005
A facile flow-through phosphorimetric sensing device for simultaneous determination of naptalam and its metabolite 1-naphthylamine	Analytica chimica acta	Artículo	2004
Heavy atom induced room temperature phosphorescence: a tool for the analytical characterization of polycyclic aromatic hydrocarbons	Analytica chimica acta	Artículo	2004
Sensitive and simple determination of the vasodilator agent dipyridamole in pharmaceutical preparations by phosphorimetry	Analytical and bioanalytical chemistry	Artículo	2003

	<b>Título proyecto</b>	<b>Tipo</b>	<b>Inicio</b>	<b>Fin</b>
1	Puesta a punto de un método analítico rápido que permita estimar el contenido en hidrocarburos aromáticos policíclicos totales en negro de carbón a través de la extracción en disolventes adecuados y la medida de fluorescencia o absorción de radiación	Contrato	2/1/16	4/30/16

## Actividades 1

<b>Título actividad</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
Participación en: grupo de jóvenes investigadores químicos de la rseq ()		Comité científico en sociedad ci	Dec 1, 2008

## Colaboradores

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- ANTONIO SEGURA CARRETERO (13)
- ALBERTO FERNANDEZ GUTIERREZ (12)
- ENRIQUE COLACIO RODRÍGUEZ (9)
- ALEJANDRO LAPRESTA FERNANDEZ (7)
- JORGE FERNANDO FERNANDEZ SANCHEZ (7)
- FRANCISCO SANTOYO GONZALEZ (4)
- JUAN MANUEL HERRERA MARTINEZ (4)
- MANUEL PEGALAJAR CUÉLLAR (4)
- MARIA DEL CARMEN PEGALAJAR JIMENEZ (4)
- ALBERTO JOSE PALMA LOPEZ (2)
- DUANE CHOQUESILLO LAZARTE (2)
- FERNANDO HERNANDEZ MATEO (2)
- FRANCISCO JAVIER LOPEZ JARAMILLO (2)
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- MARIANO ORTEGA MUÑOZ (2)
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