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Ficha del Directorio

Grupo de Investigación: **MATERIALES ORGÁNICOS FUNCIONALES** (Cod.: FQM367)

Departamento: Universidad de Granada. Química Orgánica

Citas en Google Scholar: <https://scholar.google.es/citations?user=ZdhrpfkAAAAJ&hl=es>

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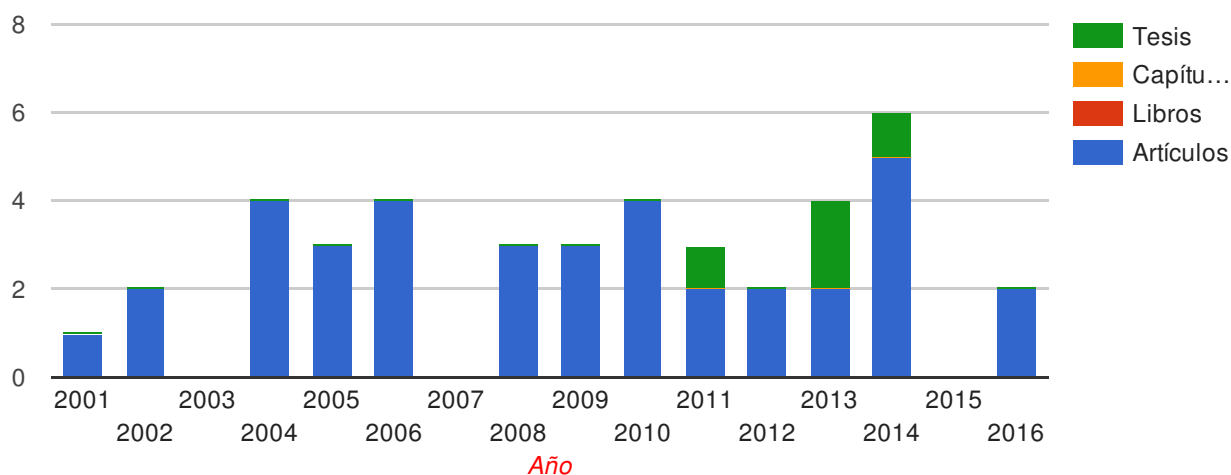
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Producción 41

Artículos (37) Libros (0) Capítulos de Libros (0) Tesis dirigidas (4)

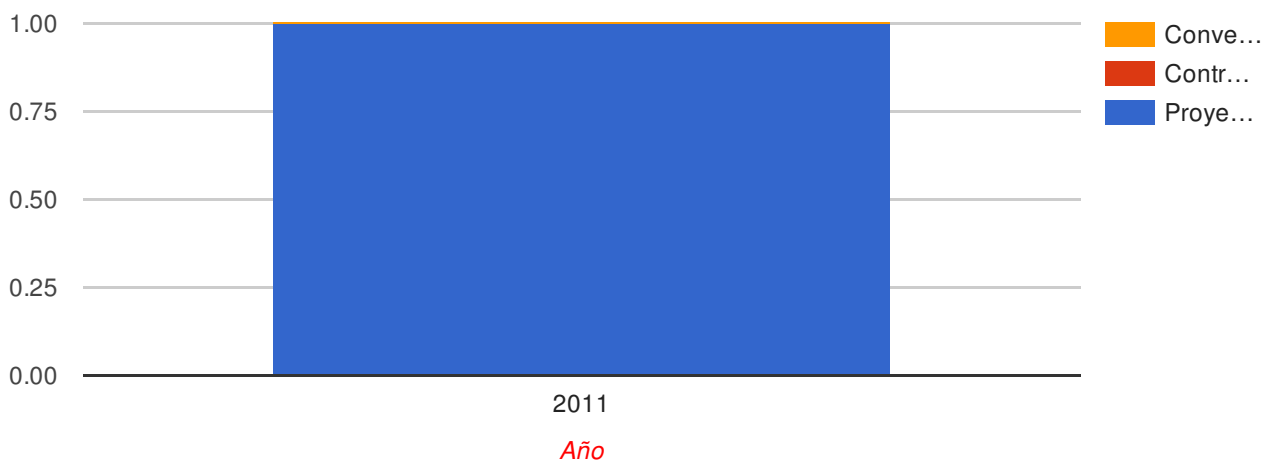
Evolución producción



Proyectos dirigidos 1

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

Proyectos en curso por año



Actividades 1

Titulo publicación	Fuente	Tipo	Fecha
Stapled helical o-ope foldamers as new circularly polarized luminescence emitters based on carbophilic interactions with ag(i)-sensitivity	Chemical science	Articulo	2016
Synthesis of substituted alpha- and gamma-lactams based on titanocene(iii)-catalyzed radical cyclizations of trichloroacetamides	Rsc advances: an international journal to further the chemical sciences	Articulo	2016
Diseño y síntesis de productos naturales y dispositivos moleculares	Universidad de granada	Tesis doctoral	2014
Highly regioselective and chemoselective titanocene mediated barbier-type allylation reactions	Chemical communications	Articulo	2014
Rational design of a new fluorescent on/off xanthene dye for phosphate detection in live cells	Organic and biomolecular chemistry	Articulo	2014
Recent applications of cp2ticl in natural product synthesis	Organic frontier	Articulo	2014
Synthesis and photophysics of a new family of fluorescent 9-alkyl-substituted xanthenones	Chemistry (weinheim. internet)	Articulo	2014
Ti(iii)-catalyzed cyclizations of ketoepoxypolyprenes: control over the number of rings and unexpected stereoselectivities	Journal of the american chemical society	Articulo	2014
Desarrollo de reacciones de formación de enlaces carbono-carbono mediadas por complejos de titanio(iii) y estudio físico-químico de nuevos derivados xanténicos		Tesis doctoral	2013
Dichlorobis(cyclopentadienyl)titanium	Eros encyclopedia of reagents	Articulo	2013
Nuevas aplicaciones de la química del titanoceno(iii): reducción de radicales carbonados y síntesis bioinspirada de esqueletos terpénicos	Universidad de granada	Tesis doctoral	2013
Titanocene(iii)-catalyzed 6-exo versus 7-endo cyclizations of epoxypolyprenes: efficient control and synthesis of versatile terpenic building blocks	Chemistry (weinheim. internet)	Articulo	2013
Clarifying the structure of granadaene: total synthesis of related analogue [2]-granadaene and confirmation of its absolute stereochemistry	Bioorganic and medicinal chemistry	Articulo	2012
Combining the power of titanium-mediated processes for an easy access to hydroxylated polycyclic terpenoids. synthesis of sesterstatin 1 and c-d rings of aspergilloxide	Chemistry (weinheim. internet)	Articulo	2012
Desarrollo de nuevas reacciones de pinacolización y de adición a grupos carbonilo mediadas y/o catalizadas por titanoceno(iii). aproximación a la síntesis de granadaeno.	Universidad de granada. química orgánica	Tesis doctoral	2011
Mild method for the regioselective esterification of carboxylic acids based on garegg-samuelsson reaction.	Journal of organic chemistry	Articulo	2011
Titanocene(iii)-promoted barbier-type crotylation of carbonyl compounds	Journal of organic chemistry	Articulo	2011
Mn(0)-mediated chemoselective reduction of aldehydes. application to the synthesis of alpha-deuterioalcohols.	Journal of organic chemistry	Articulo	2010
Radical reduction of epoxides using a titanocene(iii)/water system: synthesis of alpha-deuterated alcohols and their use as internal standards in food analysis.	European journal of organic chemistry	Articulo	2010
Understanding the exceptional hydrogen-atom donor characteristics of water in titanium-mediated free-radical chemistry	Journal of physics and chemistry of solids	Articulo	2010
Unprecedented h-atom transfer from water to ketyl radicals mediated by cp2ticl	Dalton transactions	Articulo	2010
Efficient propargylation of aldehydes and ketones catalyzed by titanocene(iii)	Advanced synthesis & catalysis	Articulo	2009

titanocene(iii)	Catalysis		
Mixed disproportionation versus radical trapping in titanocene(iii)-promoted epoxide openings	Tetrahedron	Articulo	2009
Ti-catalyzed barbier-type allylations and related reactions	Chemistry (weinheim. internet)	Articulo	2009
Ti-catalyzed transannular cyclization of epoxygermacrolides. synthesis of antifungal (+)-tuberiferine and (+)-dehydrobrachylaenolide	Tetrahedron	Articulo	2008
Titanium-catalyzed enantioselective synthesis of alpha-ambrinol	Advanced synthesis & catalysis	Articulo	2008
Titanocene catalyzed opening of oxetanes	Tetrahedron	Articulo	2008
Catalytic epoxy polyene cyclization via radicals: a simple total synthesis of sclareol oxide and its 8-epimer	Synthesis	Articulo	2006
Catalytic epoxy polyene cyclization via radicals: highly diastereoselective formal synthesis of puupehedione and 8-epi-puupehedione	Synlett	Articulo	2006
Transition-metal-catalyzed allylic substitution and titanocene-catalyzed epoxy polyene cyclization as a powerful tool for the preparation of terpenoids	European journal of organic chemistry	Articulo	2006
Water: the ideal hydrogen-atom source in free-radical chemistry mediated by ti-iii and other single-electron-transfer metals?	Angewandte chemie (international ed. print)	Articulo	2006
7-endo radical cyclizations catalyzed by titanocene(iii). straightforward synthesis of terpenoids with seven-membered carbocycles	Journal of physics and chemistry of solids	Articulo	2005
Exploiting pdii and tiii chemistry to obtain gamma-dioxygenated terpenoids: synthesis of rostratone and novel approaches to aphidicolin and pyripyropene a	Journal of organic chemistry	Articulo	2005
Total synthesis of 3-hydroxydrimanes mediated by titanocene(iii) - evaluation of their antifeedant activity	European journal of organic chemistry	Articulo	2005
General approach to polycyclic meroterpenoids based on stille couplings and titanocene catalysis	Journal of organic chemistry	Articulo	2004
Palladium mediated c-h activation in the field of terpenoids: synthesis of rostratone	Tetrahedron letters	Articulo	2004
Titanocene-catalyzed cascade cyclization of epoxy polyenes: straightforward synthesis of terpenoids by free-radical chemistry	Chemistry (weinheim. internet)	Articulo	2004
Unprecedented barbier-type reactions catalysed by titanocene(iii)	Chemical communications	Articulo	2004
Atividade antibacteriana de furanoelíngolidos	Revista brasileira de farmacognosia	Articulo	2002
Bioactive metabolites from a marine-derived strain of the fungus emericella varicolor	Journal of natural products	Articulo	2002
Microbial transformation of ent-kaurenoic acid and its 15- hydroxy derivatives by the sg138 mutant of gibberella fujikuroi	Journal of natural products	Articulo	2001

	Título proyecto	Tipo	Inicio	Fin
1	Estudio de la actividad hemolítica de streptococcus agalactiae y su relación con el pigmento granadaeno	Proyecto	7/22/11	12/31/11

Actividades 1

Título actividad	Fuente	Tipo	Fecha
Participación en: asociación nacional de investigadores juan de la cierva ()		Comité científico en sociedad ci	Dec 1, 2007

Colaboradores

- JUAN MANUEL CUERVA CARVAJAL (34)
- JUAN ENRIQUE OLTRA FERRERO (19)
- ARACELI GONZÁLEZ CAMPAÑA (8)
- DELIA MIGUEL ALVAREZ (7)
- ANTONIO ROSALES MARTINEZ (6)
- DIEGO JESUS CARDENAS (6)
- MIGUEL PARADAS PALOMO (6)
- SARA PATRICIA MORCILLO MARTÍNEZ (6)
- TANIA JIMÉNEZ TRUJILLO (6)
- ALEJANDRO FERNANDEZ BARRERO (5)
- ANTONIO JOSÉ MOTA ÁVILA (5)
- ELENA BUÑUEL MAGDALENA (4)
- LUIS ALVAREZ DE CIENFUEGOS RODRIGUEZ (4)
- ALI HAIDOUR BENAMIN (3)
- ENRIQUE JOSE ALVAREZ-MANZANEDA ROLDAN (3)
- JOSE MARÍA ALVAREZ PEZ (3)
- ÁNGELA MARTÍNEZ PERAGÓN (3)
- ALBA MILLÁN DELGADO (2)
- ANA MARTÍN LASANTA (2)
- DENNIS WORGULL (2)
- DUANE CHOQUESILLO LAZARTE (2)
- JUAN MANUEL GARCIA RUIZ (2)
- LUIS CROVETTO GONZALEZ (2)
- ROCÍO JURADO PALOMARES (2)
- ANGEL ORTE GUTIERREZ (1)
- ELISA MARÍA BAREA MARTÍNEZ (1)
- IRIS SANCHO SANZ (1)
- JOSÉ MANUEL PAREDES MARTÍNEZ (1)
- MARIA JOSE RUEDAS RAMA (1)
- MARIA LUISA MARCOS LAGUNA (1)
- NOELIA FUENTES ROMERO (1)
- RACHID CHAHBOUN KARIMI (1)
- Rafael Contreras Montoya (1)
- Sandra Resa Acosta (1)