

# JUAN JOSÉ DÍAZ MOCHÓN

Grupo de Investigación: **Desarrollo de estrategias terapéuticas y de diagnóstico.** (Cod.: CTS987)

Departamento: Universidad de Granada. Química Farmacéutica y Orgánica

Citas en Google Scholar: [https://scholar.google.es/citations?user=x4\\_FYcsAAAAJ&hl=es](https://scholar.google.es/citations?user=x4_FYcsAAAAJ&hl=es)

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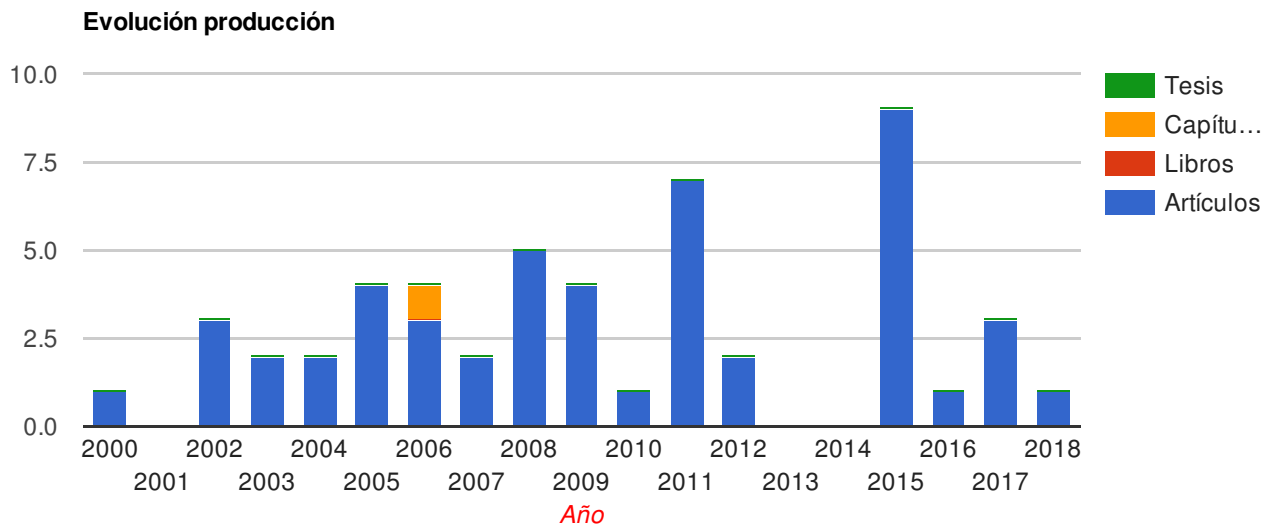
Código: 27655



Ficha del Directorio

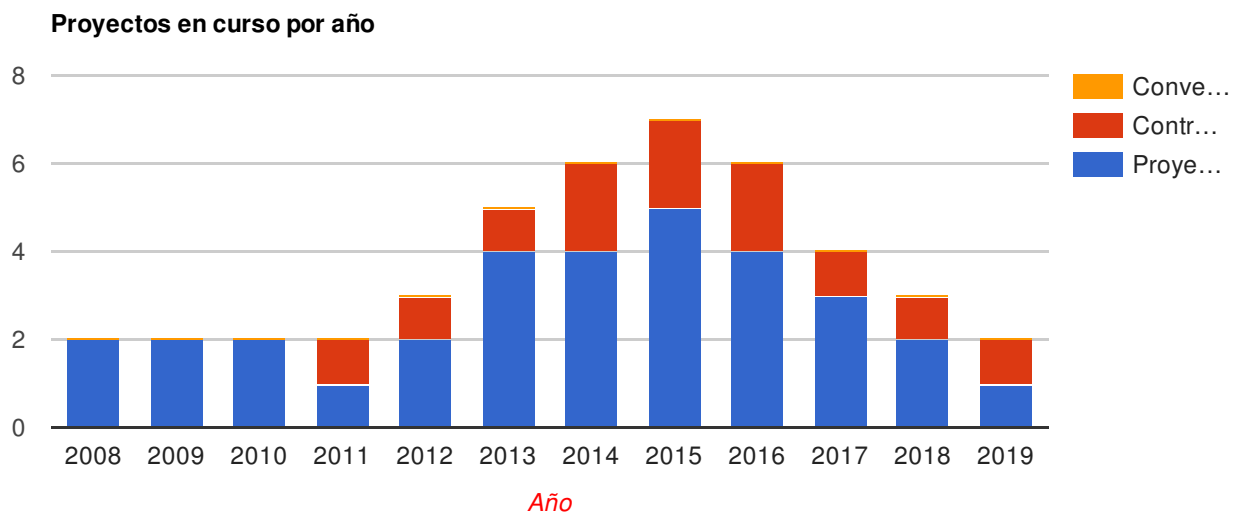
## Producción 51

Artículos (50) Libros (0) Capítulos de Libros (1) Tesis dirigidas (0)



## Proyectos dirigidos 9

Proyectos (7) Contratos (2) Convenios (0)



## Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Metallofluorescent nanoparticles for multimodal applications	Acs omega	Articulo	2018
Identification of trypanosomatids by detecting single nucleotide fingerprints using dna analysis by dynamic chemistry with maldi-tof	Talanta	Articulo	2017
Poly(ethylmethacrylate-co-diethylaminoethyl acrylate) coating improves endothelial re-population, bio-mechanical and anti-thrombogenic properties of decellularized carotid arteries for blood vessel replacement.	Scientific reports	Articulo	2017
Tracking cell proliferation using a nanotechnology-based approach	Nanomedicine	Articulo	2017
Novel bead-based platform for direct detection of unlabelled nucleic acids through single nucleobase labelling	Talanta	Articulo	2016
Amide-controlled, one-pot synthesis of tri-substituted purines generates structural diversity and analogues with trypanocidal activity	Scientific reports	Articulo	2015
Chem. commun.		Articulo	2015
Number of nanoparticles per cell through a spectrophotometric method - a key parameter to assess nanoparticle-based cellular assays	Scientific reports	Articulo	2015
Protein crystallization in short-peptide supramolecular hydrogels: a versatile strategy towards biotechnological composite materials	Crystengcomm	Articulo	2015
Protein crystallization in short-peptide supramolecular hydrogels. a versatile strategy towards biotechnological composite materials.	Crystengcomm	Articulo	2015
Protein crystallization in short-peptide supramolecular hydrogels: a versatile strategy towards biotechnological composite materials	Crystengcomm	Articulo	2015
Synthesis of 6,8,9 poly-substituted purine analogue libraries as pro-apoptotic inducers of human leukemic lymphocytes and dapk-1 inhibitors	Organic & biomolecular chemistry	Articulo	2015
Use of labskills as a virtual interactive tool to guaranty an efficient learning of experimental work in the chemistry lab of first year students	Inted proceedings	Articulo	2015
Mirna in-situ hybridization in circulating tumor cells - mishctc	Scientific reports	Articulo	2015
Novel biochip platform for nucleic acid analysis	Sensors	Articulo	2012
Novel biopolymers to enhance endothelialisation of intra-vascular devices	Advanced healthcare materials	Articulo	2012
Decoding a pna encoded peptide library by pcr: the discovery of new cell surface receptor ligands	Chemistry & biology	Articulo	2011
Dynamic chemistry for enzyme-free allele discrimination in genotyping by maldi-tof mass spectrometry	Analytical methods	Articulo	2011
Encoded peptide libraries and the discovery of new cell binding ligands	Chemical communications	Articulo	2011
Microarray generation of thousand-member oligonucleotide libraries	Plos one	Articulo	2011
Polymer microarrays for cellular high-content screening	Palmer, e	Articulo	2011
Screening of a combinatorial homing peptide library for selective cellular delivery.	Angewandte chemie (international ed. print)	Articulo	2011
Unbiased screening of polymer libraries to define novel substrates for functional hepatocytes with inducible drug metabolism.	Stem cell research	Articulo	2011
Dna analysis by dynamic chemistry	Angewandte chemie (international ed. print)	Articulo	2010
A simple polyurethane matrix promotes hepatic endoderm viability and inducible drug metabolism: implications for drug toxicology testing and the design of liver support devices.	Hepatology	Articulo	2009

A cooperative polymer-dna microarray approach to biomaterial investigation	Lab on a chip	Articulo	2009
From 10,000 to 1: selective synthesis and enzymatic evaluation of fluorescence resonance energy transfer peptides as specific substrates for chymopapain.		Articulo	2009
Polymer library screening identifies an extracellular matrix that promotes and stabilises human embryonic stem cell-derived hepatocyte function.	Journal of hepatology	Articulo	2009
Combining nebulization-mediated transfection and polymer microarrays for the rapid determination of optimal transfection substrates	Journal of combinatorial chemistry	Articulo	2008
Deciphering cellular morphology and biocompatibility using polymer microarrays	Biomedical materials	Articulo	2008
Microwave-assisted orthogonal synthesis of pna-peptide conjugates.	Tetrahedron letters	Articulo	2008
Peptoid dendrimers - microwave-assisted solid-phase synthesis and transfection agent evaluation	Tetrahedron letters	Articulo	2008
Screening for polymorphs on polymer microarrays	Journal of combinatorial chemistry	Articulo	2008
A 10,000 member pna-encoded peptide library for profiling tyrosine kinases	Acs chemical biology	Articulo	2007
Design, syntheses, biological evaluation, and docking studies of 2-substituted 5-methylsulfonyl-1-phenyl-1h-indoles: potent and selective in vitro cyclooxygenase-2 inhibitors.	Chemmedchem	Articulo	2007
Dual colour, microarray-based, analysis of 10 000 protease substrates	Chemical communications	Articulo	2006
La inhibición del enzima colina quinasa como una nueva terapia antiproliferativa	Avances en oncología básica y aplicada	Capítulo de libro	2006
Microwave-assisted coupling with dic/hobt for the synthesis of difficult peptoids and fluorescently labelled peptides - a gentle heat goes a long way.	Tetrahedron letters	Articulo	2006
Polymer microarrays: identification of substrates for phagocytosis assays.	Biomaterials	Articulo	2006
Combinatorial libraries - from solution to 2d microarrays	Chemical communications	Articulo	2005
Dde-protected pna monomers, orthogonal to fmoc, for the synthesis of pna-peptide conjugates	Tetrahedron	Articulo	2005
Regioselective one-pot synthesis of 9-alkyl-6-chloropyrido[3,2-e][1,2,4]triazolo-[4,3-a]pyrazines. reactivity of aliphatic and aromatic hydrazides	Journal of organic chemistry	Articulo	2005
Synthesis and cellular uptake of cell delivering pna-peptide conjugates	Chemical communications	Articulo	2005
Dendrimers and combinatorial chemistry - tools for fluorescent enhancement in protease assays	Tetrahedron	Articulo	2004
Full orthogonality between dde and fmoc: the direct synthesis of pna-peptide conjugates	Organic letters	Articulo	2004
Anticancer bisquaternary heterocyclic compounds: a ras-ional design	Il farmaco	Articulo	2003
La inhibicion del enzima colina quinasa como una nueva terapia antiproliferativa	Avances en oncología	Articulo	2003
1h and 13c chemical shifts for bis(benzopyridinium) dibromides with semirigid aromatic linkers.	Magnetic resonance in chemistry	Articulo	2002
An efficient one-pot synthesis of 6-alkoxy-8,9-dialkylpurines via reaction of 5-amino-4-chloro-6-alkylaminopyrimidines with n,n-dimethylalkaneamides and alkoxide ions	Tetrahedron	Articulo	2002
	Magnetic		

H-1 and c-13 chemical shifts for bis(benzopyridinium) dibromides with semirigid aromatic linkers	magnetic resonance in chemistry	Articulo	2002
Los nuevos retos de la industria farmacéutica.	Ars pharmaceutica	Articulo	2000

	<b>Título proyecto</b>	<b>Tipo</b>	<b>Inicio</b>	<b>Fin</b>
1	Desarrollo de la plataforma nanochem-ish. plataforma de alta especificidad y sensibilidad para la detección in-situ de arn en tejidos usando nanopartículas y química dinámica	Proyecto	5/1/14	4/30/18
2	Integración de nanotecnología con química dinámica para el análisis fluorescente in situ de microrna. plataforma multiplex de alta especificidad y sensibilidad	Proyecto	2/1/13	1/31/17
3	Chemirna: chemical-based platforms for micro-rna detection. towards novel oncomir assays	Proyecto	10/1/12	9/30/16
4	Subprograma ramón y cajal (ryc)	Contrato	6/1/11	5/31/16
5	Integrating nanotechnology with dynamic chemistry for fluorescence in-situ micro-rna analysis. high specific and sensitive multiplex platform	Proyecto	1/1/13	12/31/15
6	Ctmm biochip: the oncokinase chip (wp2)	Proyecto	9/1/08	8/31/13
7	Chemical based dna sequencing and snp analysis	Proyecto	7/22/08	7/21/10
8	Desarrollo de kits de diagnóstico molecular basados en pcr multiplex para identificación de mutaciones puntuales en patologías tumorales e infecciosas, aplicando la tecnología smart-nucleobase, sobre una plataforma de hibridación reversa por flujo	Proyecto	1/15/15	
9	Ayudas para contratos pre-doctorales para la formación de doctores 2013	Contrato	2/1/14	

## Actividades 0

<b>Título actividad</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
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## Colaboradores

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- VICTORIA CANO CORTES (4)
- ANTONIO JOSÉ ENTRENA GUADIX (3)
- MARIA DEL CARMEN NUÑEZ CARRETERO (3)
- ANGEL ORTE GUTIERREZ (2)
- FRANCISCO JAVIER LÓPEZ DELGADO (2)
- MARIA JOSE RUEDAS RAMA (2)
- M<sup>a</sup> PAZ RUIZ BLAS (2)
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