Ernesto G Mata

List of Publications by Year
in descending order

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34	584	566801 15	642321 23
papers	citations	h-index	g-index

34	34	34	458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Contribution of endoplasmic reticulum stress, MAPK and PI3K/Akt pathways to the apoptotic death induced by a penicillin derivative in melanoma cells. Apoptosis: an International Journal on Programmed Cell Death, 2022, 27, 34-48.	2.2	4
2	Design, synthesis and cytotoxic evaluation of a library of oxadiazole-containing hybrids. RSC Advances, 2021, 11, 29741-29751.	1.7	3
3	Design, synthesis and cytotoxic evaluation of peptoid analogs of an anticancer active triazolylpeptidyl penicillin. Future Medicinal Chemistry, 2021, 13, 1127-1139.	1.1	1
4	Synthesis of propargylamines via the A³ multicomponent reaction and their biological evaluation as potential anticancer agents. Organic and Biomolecular Chemistry, 2020, 18, 2475-2486.	1.5	19
5	A Penicillin Derivative Exerts an Anti-Metastatic Activity in Melanoma Cells Through the Downregulation of Integrin Î±vÎ²3 and Wnt/Î²-Catenin Pathway. Frontiers in Pharmacology, 2020, 11, 127.	1.6	11
6	A novel penicillin derivative induces antitumor effect in melanoma cells. Anti-Cancer Drugs, 2018, 29, 416-428.	0.7	13
7	Molecular Diversity by Olefin Cross-Metathesis on Solid Support. Generation of Libraries of Biologically Promising Î²-Lactam Derivatives. Molecules, 2018, 23, 1193.	1.7	6
8	[2 + 2 + 2]-Cycloaddition Reactions Using Immobilized Alkynes. A Proof of Concept for an Integral Use of the Outcoming Products in Solid-Phase Synthetic Methodologies. Journal of Organic Chemistry, 2018, 83, 10001-10014.	1.7	10
9	Searching for improved mimetic peptides inhibitors preventing conformational transition of amyloid-Î²42 monomer. Bioorganic Chemistry, 2018, 81, 211-221.	2.0	7
10	Gold-Catalyzed Addition of Î²-Ketoesters to Alkenes: Influence of Electronic and Steric Effects in the Reaction Outcome. Molecules, 2018, 23, 629.	1.7	0
11	Crossâ€Metathesis on Immobilized Substrates â€“ Application to the Generation of Synthetically and Biologically Relevant Structures. European Journal of Organic Chemistry, 2017, 2017, 1675-1693.	1.2	9
12	Immobilized boronic acid for Suzukiâ€“Miyaura coupling: application to the generation of pharmacologically relevant molecules. RSC Advances, 2017, 7, 34994-35003.	1.7	6
13	Unprecedented Multifunctionality of Grubbs and Hoveydaâ€“Grubbs Catalysts: Competitive Isomerization, Hydrogenation, Silylation and Metathesis Occurring in Solution and on Solid Phase. Catalysts, 2017, 7, 111.	1.6	7
14	Chemoselective and Sequential Palladium-Catalyzed Couplings for the Generation of Stilbene Libraries via Immobilized Substrates. ACS Combinatorial Science, 2016, 18, 225-229.	3.8	8
15	A solid- and solution-phase-based library of 2Î²-methyl substituted penicillin derivatives and their effects on growth inhibition of tumor cell lines. MedChemComm, 2015, 6, 619-625.	3.5	3
16	Solid-Supported Cross-Metathesis and a Formal Alkane Metathesis for the Generation of Biologically Relevant Molecules. ACS Combinatorial Science, 2015, 17, 81-86.	3.8	14
17	Very efficient and broad-in-scope palladium-catalyzed Hiyama cross-coupling. The role of water and copper(<scp>i</scp>) salts. RSC Advances, 2015, 5, 26796-26800.	1.7	12
18	In vitro anticancer activity and SAR studies of triazolyl aminoacyl(peptidyl) penicillins. MedChemComm, 2014, 5, 214.	3.5	19

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19	Palladium-Catalyzed Cross-Coupling Reactions of Arylsiloxanes with Aryl Halides: Application to Solid-Supported Organic Synthesis. ACS Combinatorial Science, 2014, 16, 211-214.	3.8	15
20	Stereoselective, solid phase-based synthesis of trans 3-alkyl-substituted Î²-lactams as analogues of cholesterol absorption inhibitors. Tetrahedron, 2012, 68, 10780-10786.	1.0	16
21	Gold catalysis on immobilized substrates: a heteroannulation approach to the solid-supported synthesis of indoles. Organic and Biomolecular Chemistry, 2012, 10, 2514.	1.5	23
22	Solid-phase based synthesis of biologically promising triazolyl aminoacyl (peptidyl) penicillins. Tetrahedron Letters, 2012, 53, 632-636.	0.7	20
23	The non-metathetic role of Grubbs' carbene complexes: from hydrogen-free reduction of Î±,Î²-unsaturated alkenes to solid-supported sequential cross-metathesis/reduction. Chemical Communications, 2011, 47, 1565-1567.	2.2	36
24	Unravelling the olefin cross metathesis on solid support. Factors affecting the reaction outcome. Organic and Biomolecular Chemistry, 2010, 8, 3947.	1.5	20
25	Cross Metathesis on Solid Support. Novel Strategy for the Generation of Î²-Lactam Libraries Based on a Versatile and Multidetachable Olefin Linker. ACS Combinatorial Science, 2009, 11, 791-794.	3.3	28
26	Solid-phase cross metathesis: the effect of the non-immobilized olefin and the precatalyst on the intrasite interference. Arkivoc, 2009, 2010, 216-227.	0.3	1
27	Prospect of Metal-Catalyzed Câ”C Forming Cross-Coupling Reactions in Modern Solid-Phase Organic Synthesis. ACS Combinatorial Science, 2008, 10, 487-497.	3.3	44
28	Solid-Supported Cross Metathesis and the Role of the Homodimerization of the Non-immobilized Olefin. Journal of Organic Chemistry, 2008, 73, 2024-2027.	1.7	33
29	Versatile and Efficient Solid-Supported Synthesis of C3-Anchored Monocyclic Î²-Lactam Derivatives. ACS Combinatorial Science, 2007, 9, 189-192.	3.3	20
30	Synthesis of 3-(Aryl)alkenyl-Î²-lactams by an Efficient Application of Olefin Cross-Metathesis on Solid Support. Organic Letters, 2006, 8, 4783-4786.	2.4	48
31	Exploring the Solid-Phase Synthesis of 3,4-Disubstituted Î²-Lactams:Â Scope and Limitations. ACS Combinatorial Science, 2005, 7, 331-344.	3.3	32
32	An Efficient, Stereoselective Solid-Phase Synthesis of Î²-Lactams Using Mukaiyama's Salt for the Staudinger Reaction. ACS Combinatorial Science, 2003, 5, 208-210.	3.3	49
33	Stereoselective solid-phase synthesis of 3,4-substituted azetidinones as key intermediates for mono- and multicyclic Î²-lactam antibiotics and enzyme inhibitors. Tetrahedron: Asymmetry, 2002, 13, 905-910.	1.8	46
34	Synergistic antitumor effect of a penicillin derivative combined with thapsigargin in melanoma cells. Journal of Cancer Research and Clinical Oncology, 0, , .	1.2	1