Jose I Miranda

List of Publications by Year in descending order

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304743 395702 1,203 47 22 33 h-index citations g-index papers 57 57 57 1571 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	The underlying mechanisms for self-healing of poly(disulfide)s. Physical Chemistry Chemical Physics, 2016, 18, 27577-27583.	2.8	144
2	Quantitation determination of chlorogenic acid in cider apple juices by 1H NMR spectrometry. Analytica Chimica Acta, 2003, 486, 269-274.	5.4	60
3	Development of a New Family of Conformationally Restricted Peptides as Potent Nucleators of \hat{I}^2 -Turns. Design, Synthesis, Structure, and Biological Evaluation of a \hat{I}^2 -Lactam Peptide Analogue of Melanostatin. Journal of the American Chemical Society, 2003, 125, 16243-16260.	13.7	54
4	Zwitterionic polymerization of glycidyl monomers to cyclic polyethers with B(C ₆ F ₅) ₃ . Polymer Chemistry, 2014, 5, 6905-6908.	3.9	49
5	Synthesis of Î ² -Lactam Scaffolds for Ditopic Peptidomimetics. Organic Letters, 2007, 9, 101-104.	4.6	48
6	Quantitative determination of formic acid in apple juices by 1H NMR spectrometry. Talanta, 2007, 72, 1049-1053.	5 . 5	47
7	Evidences of a hydrolysis process in the synthesis of N-vinylcaprolactam-based microgels. European Polymer Journal, 2008, 44, 4002-4011.	5.4	46
8	Quantitative determination of (â^')-epicatechin in cider apple juices by 1H NMR. Talanta, 2003, 61, 139-145.	5.5	45
9	"Click―Synthesis of Nonsymmetrical Bis(1,2,3-triazoles). Organic Letters, 2010, 12, 1584-1587.	4.6	45
10	Asymmetric synthesis of \hat{l} ±-keto \hat{l} ²-lactams via [2+2] cycloaddition reaction: A concise approach to		

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19	Evaluation of Chiral Recognition Ability of a Novel Uranyl–Salophen-Based Receptor: An Easy and Rapid Testing Protocol. Chemistry - A European Journal, 2004, 10, 3301-3307.	3.3	23
20	Remote Substituent Effects on the Stereoselectivity and Organocatalytic Activity of Densely Substituted Unnatural Proline Esters in Aldol Reactions. European Journal of Organic Chemistry, 2015, 2015, 2503-2516.	2.4	23
21	Fluorescent bicolour sensor for low-background neutrinoless double \hat{l}^2 decay experiments. Nature, 2020, 583, 48-54.	27.8	23
22	Mechanistic Insights on the Magnesium(II) Ion-Activated Reduction of Methyl Benzoylformate with Chelated NADH Peptide \hat{l}^2 -Lactam Models. Journal of Organic Chemistry, 2009, 74, 6691-6702.	3.2	22
23	Understanding of nanogels swelling behavior through a deep insight into their morphology. Journal of Polymer Science Part A, 2015, 53, 2017-2025.	2.3	22
24	Reductive Functionalization of Single-Walled Carbon Nanotubes with Lithium Metal Catalyzed by Electron Carrier Additives. Chemistry of Materials, 2008, 20, 4433-4438.	6.7	21
25	Site-Selective N-Dealkylation of 1,2,3-Triazolium Salts: A Metal-Free Route to 1,5-Substituted 1,2,3-Triazoles and Related Bistriazoles. Organic Letters, 2016, 18, 2511-2514.	4.6	19
26	New Approach to the Coupling of \hat{l}^3 -Amino \hat{l}^2 -Hydroxy Acids and \hat{l}^2 , \hat{l}^3 -Dihydroxy Acids with \hat{l}^\pm -Amino Acid Esters. Journal of Organic Chemistry, 1996, 61, 9196-9201.	3.2	17
27	Cyclic RGD βâ€Lactam Peptidomimetics Induce Differential Gene Expression in Human Endothelial Cells. ChemBioChem, 2011, 12, 401-405.	2.6	17
28	Diastereoselective $[2+2]$ cycloaddition of dichloroketene with $\hat{l}\pm$ -oxyaldehydes and $\hat{l}\pm$ -amino aldehydes. Journal of the Chemical Society Chemical Communications, 1995, , 1735-1736.	2.0	16
29	Simple access to the nonproteinogenic peptide fragments of lysobactin from azetidin-2-one frameworks. Chemical Communications, 1996, , 161.	4.1	16
30	â€~Click' Synthesis of Nonsymmetrical 4,4′-Bis(1,2,3-triazolium) Salts. Synthesis, 2011, 2011, 2737-2742.	2.3	15
31	A concise synthesis of $\hat{l}\pm$ -amino acid N-carboxy anhydrides of (2S,3S)- \hat{l}^2 -substituted serines. Tetrahedron Letters, 2001, 42, 8955-8957.	1.4	14
32	Cyclopropanation reactions catalysed by dendrimers possessing one metalloporphyrin active site at the core: linear and sigmoidal kinetic behaviour for different dendrimer generations. Tetrahedron, 2016, 72, 1120-1131.	1.9	14
33	Covalent immobilisation of magnetic nanoparticles on surfaces via strain-promoted azide–alkyne click chemistry. New Journal of Chemistry, 2017, 41, 10835-10840.	2.8	13
34	A \hat{l}^2 -lactam route to short peptide segments related to angiotensin-converting enzyme (ACE) inhibitors. Arkivoc, 2005, 2002, 8-16.	0.5	13
35	Cooperative Catalysis with Coupled Chiral Induction in 1,3â€Dipolar Cycloadditions of Azomethine Ylides. Chemistry - A European Journal, 2018, 24, 8092-8097.	3.3	12
36	Determination of additives in an electrolytic zinc bath by q1H-NMR spectroscopy. Analytical and Bioanalytical Chemistry, 2010, 398, 1085-1094.	3.7	10

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37	Stereomodulating effect of remote groups on the NADH-mimetic reduction of alkyl aroylformates with 1,4-dihydronicotinamide- \hat{l}^2 -lactam amides. Tetrahedron, 2010, 66, 3187-3194.	1.9	10
38	1,3-Dioxa-[3,3]-sigmatropic Oxo-Rearrangement of Substituted Allylic Carbamates: Scope and Mechanistic Studies. Journal of Organic Chemistry, 2018, 83, 14861-14881.	3.2	10
39	Chirality-Driven Folding of Short β-Lactam Pseudopeptides. Journal of Organic Chemistry, 2013, 78, 224-237.	3.2	9
40	Cationic 1,2,3-Triazolium Alkynes: Components To Enhance 1,4-Regioselective Azide–Alkyne Cycloaddition Reactions. Organic Letters, 2016, 18, 788-791.	4.6	9
41	Functionalization of N-[(Silyl) methyl]- \hat{l}^2 -lactam Carbanions with Carbon Electrophiles. Journal of Organic Chemistry, 2006, 71, 6368-6373.	3.2	8
42	A phosphine-stabilized silylene rhodium complex. Dalton Transactions, 2019, 48, 17179-17183.	3.3	7
43	Catalysis of a 1,3-dipolar reaction by distorted DNA incorporating a heterobimetallic platinum(<scp>ii</scp>) and copper(<scp>ii</scp>) complex. Chemical Science, 2017, 8, 7038-7046.	7.4	6
44	Discovery of a novel family of FKBP12 "reshapers―and their use as calcium modulators in skeletal muscle under nitro-oxidative stress. European Journal of Medicinal Chemistry, 2021, 213, 113160.	5.5	5
45	Modulating Lectin Inhibition with <i>N</i> à€Glycosylâ€1,2,3â€triazole Scaffolds. European Journal of Organic Chemistry, 2013, 2013, 2434-2444.	2.4	4
46	Linear and Cyclic Depsipeptidomimetics with βâ€Lactam Cores: A Class of New α _v β ₃ Integrin Receptor Inhibitors. ChemBioChem, 2017, 18, 654-665.	2.6	3
47	Alkaloids Reactivity: DFT Analysis of Selective Demethylation Reactions. Journal of Organic Chemistry, 2018, 83, 15101-15109.	3.2	2