

# Jose I Miranda

## List of Publications by Year in descending order

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47  
papers

1,203  
citations

304743

22  
h-index

395702

33  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of a novel family of FKBP12 "reshapers" and their use as calcium modulators in skeletal muscle under nitro-oxidative stress. <i>European Journal of Medicinal Chemistry</i> , 2021, 213, 113160.	5.5	5
2	Fluorescent bicolour sensor for low-background neutrinoless double $\hat{I}^2$ decay experiments. <i>Nature</i> , 2020, 583, 48-54.	27.8	23
3	A phosphine-stabilized silylene rhodium complex. <i>Dalton Transactions</i> , 2019, 48, 17179-17183.	3.3	7
4	Characterization of dextrans produced by <i>Lactobacillus mali</i> CUPV271 and <i>Leuconostoc carnosum</i> CUPV411. <i>Food Hydrocolloids</i> , 2019, 89, 613-622.	10.7	31
5	Cooperative Catalysis with Coupled Chiral Induction in 1,3-Dipolar Cycloadditions of Azomethine Ylides. <i>Chemistry - A European Journal</i> , 2018, 24, 8092-8097.	3.3	12
6	1,3-Dioxo-[3,3]-sigmatropic Oxo-Rearrangement of Substituted Allylic Carbamates: Scope and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2018, 83, 14861-14881.	3.2	10
7	Alkaloids Reactivity: DFT Analysis of Selective Demethylation Reactions. <i>Journal of Organic Chemistry</i> , 2018, 83, 15101-15109.	3.2	2
8	Linear and Cyclic Depsipeptidomimetics with $\hat{I}^2$ -Lactam Cores: A Class of New $\hat{I}^{\pm}$ Integrin Receptor Inhibitors. <i>ChemBioChem</i> , 2017, 18, 654-665.	2.6	3
9	Catalysis of a 1,3-dipolar reaction by distorted DNA incorporating a heterobimetallic platinum(II) and copper(II) complex. <i>Chemical Science</i> , 2017, 8, 7038-7046.	7.4	6
10	Covalent immobilisation of magnetic nanoparticles on surfaces via strain-promoted azide-alkyne click chemistry. <i>New Journal of Chemistry</i> , 2017, 41, 10835-10840.	2.8	13
11	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. <i>Organic Letters</i> , 2016, 18, 2511-2514.	4.6	19
12	The underlying mechanisms for self-healing of poly(disulfide)s. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27577-27583.	2.8	144
13	Cationic 1,2,3-Triazolium Alkynes: Components To Enhance 1,4-Regioselective Azide-Alkyne Cycloaddition Reactions. <i>Organic Letters</i> , 2016, 18, 788-791.	4.6	9
14	Cyclopropanation reactions catalysed by dendrimers possessing one metalloporphyrin active site at the core: linear and sigmoidal kinetic behaviour for different dendrimer generations. <i>Tetrahedron</i> , 2016, 72, 1120-1131.	1.9	14
15	Understanding of nanogels swelling behavior through a deep insight into their morphology. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2017-2025.	2.3	22
16	Zwitterionic Ring-Opening Copolymerization of Tetrahydrofuran and Glycidyl Phenyl Ether with $B(C_6F_5)_3$ . <i>Macromolecules</i> , 2015, 48, 1664-1672.	4.8	29
17	Remote Substituent Effects on the Stereoselectivity and Organocatalytic Activity of Densely Substituted Unnatural Proline Esters in Aldol Reactions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2503-2516.	2.4	23
18	Zwitterionic polymerization of glycidyl monomers to cyclic polyethers with $B(C_6F_5)_3$ . <i>Polymer Chemistry</i> , 2014, 5, 6905-6908.	3.9	49

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19	Sustainable polymer latexes based on linoleic acid for coatings applications. Progress in Organic Coatings, 2014, 77, 1709-1714.	3.9	31
20	Chirality-Driven Folding of Short $\beta$ -Lactam Pseudopeptides. Journal of Organic Chemistry, 2013, 78, 224-237.	3.2	9
21	Modulating Lectin Inhibition with <i>N</i> -Glycosyl-1,2,3-triazole Scaffolds. European Journal of Organic Chemistry, 2013, 2013, 2434-2444.	2.4	4
22	Conformation and Chiral Effects in $\beta$ , $\beta$ -Tripeptides. Journal of Organic Chemistry, 2012, 77, 5907-5913.	3.2	25
23	Introducing Axial Chirality into Mesoionic 4,4-Bis(1,2,3-triazole) Dicarbenes. Organic Letters, 2012, 14, 1866-1868.	4.6	29
24	Cyclic RGD $\beta$ -Lactam Peptidomimetics Induce Differential Gene Expression in Human Endothelial Cells. ChemBioChem, 2011, 12, 401-405.	2.6	17
25	$\alpha$ -Click™ Synthesis of Nonsymmetrical 4,4-Bis(1,2,3-triazolium) Salts. Synthesis, 2011, 2011, 2737-2742.	2.3	15
26	Determination of additives in an electrolytic zinc bath by q1H-NMR spectroscopy. Analytical and Bioanalytical Chemistry, 2010, 398, 1085-1094.	3.7	10
27	Stereomodulating effect of remote groups on the NADH-mimetic reduction of alkyl aroylformates with 1,4-dihydronicotinamide- $\beta$ -lactam amides. Tetrahedron, 2010, 66, 3187-3194.	1.9	10
28	$\alpha$ -Click-Synthesis of Nonsymmetrical Bis(1,2,3-triazoles). Organic Letters, 2010, 12, 1584-1587.	4.6	45
29	Mechanistic Insights on the Magnesium(II) Ion-Activated Reduction of Methyl Benzoylformate with Chelated NADH Peptide $\beta$ -Lactam Models. Journal of Organic Chemistry, 2009, 74, 6691-6702.	3.2	22
30	Evidences of a hydrolysis process in the synthesis of N-vinylcaprolactam-based microgels. European Polymer Journal, 2008, 44, 4002-4011.	5.4	46
31	$\alpha$ -Click-Saccharide/ $\beta$ -Lactam Hybrids for Lectin Inhibition. Organic Letters, 2008, 10, 2227-2230.	4.6	38
32	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
33	Quantitative determination of formic acid in apple juices by 1H NMR spectrometry. Talanta, 2007, 72, 1049-1053.	5.5	47
34	Synthesis of $\beta$ -Lactam Scaffolds for Ditopic Peptidomimetics. Organic Letters, 2007, 9, 101-104.	4.6	48
35	Functionalization of <i>N</i> -[(Silyl)methyl]- $\beta$ -lactam Carbanions with Carbon Electrophiles. Journal of Organic Chemistry, 2006, 71, 6368-6373.	3.2	8
36	A $\beta$ -lactam route to short peptide segments related to angiotensin-converting enzyme (ACE) inhibitors. Arkivoc, 2005, 2002, 8-16.	0.5	13

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37	Evaluation of Chiral Recognition Ability of a Novel Uranyl-Salophen-Based Receptor: An Easy and Rapid Testing Protocol. <i>Chemistry - A European Journal</i> , 2004, 10, 3301-3307.	3.3	23
38	Synthesis of Type II $\beta$ -Turn Surrogate Dipeptides Based on syn- $\alpha$ -Amino- $\beta$ , $\beta$ -dialkyl- $\beta$ -lactams. <i>Organic Letters</i> , 2004, 6, 4443-4446.	4.6	26
39	Quantitation determination of chlorogenic acid in cider apple juices by $^1\text{H}$ NMR spectrometry. <i>Analytica Chimica Acta</i> , 2003, 486, 269-274.	5.4	60
40	Development of a New Family of Conformationally Restricted Peptides as Potent Nucleators of $\beta$ -Turns. Design, Synthesis, Structure, and Biological Evaluation of a $\beta$ -Lactam Peptide Analogue of Melanostatin. <i>Journal of the American Chemical Society</i> , 2003, 125, 16243-16260.	13.7	54
41	Quantitative determination of ( $\alpha$ )-epicatechin in cider apple juices by $^1\text{H}$ NMR. <i>Talanta</i> , 2003, 61, 139-145.	5.5	45
42	A concise synthesis of $\alpha$ -amino acid N-carboxy anhydrides of (2S,3S)- $\beta$ -substituted serines. <i>Tetrahedron Letters</i> , 2001, 42, 8955-8957.	1.4	14
43	Practical Synthesis of $\alpha$ -Amino Acid N-Carboxy Anhydrides of Polyhydroxylated $\alpha$ -Amino Acids from $\beta$ -Lactam Frameworks. Model Studies toward the Synthesis of Directly Linked Peptidyl Nucleoside Antibiotics. <i>Journal of Organic Chemistry</i> , 1998, 63, 5838-5846.	3.2	33
44	New Approach to the Coupling of $\beta$ -Amino $\beta$ -Hydroxy Acids and $\beta$ , $\beta$ -Dihydroxy Acids with $\alpha$ -Amino Acid Esters. <i>Journal of Organic Chemistry</i> , 1996, 61, 9196-9201.	3.2	17
45	Simple access to the nonproteinogenic peptide fragments of lysobactin from azetidin-2-one frameworks. <i>Chemical Communications</i> , 1996, , 161.	4.1	16
46	Diastereoselective [2 + 2] cycloaddition of dichloroketene with $\alpha$ -oxaldehydes and $\alpha$ -amino aldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1735-1736.	2.0	16
47	Asymmetric synthesis of $\alpha$ -keto $\beta$ -lactams via [2+2] cycloaddition reaction: A concise approach to		