

Sergio Gil-Caballero

List of Publications by Year in descending order

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19
papers

501
citations

759233

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794594

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docs citations

21
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	D-Amino Acid-Containing Lipopeptides Derived from the Lead Peptide BP100 with Activity against Plant Pathogens. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6631.	4.1	10
2	Site-Selective and Product Chemoselective Aliphatic C-H Bond Hydroxylation of Polyhydroxylated Substrates. <i>ACS Catalysis</i> , 2020, 10, 4702-4709.	11.2	40
3	Cytochrome c speeds up caspase cascade activation by blocking 14-3-3 μ -dependent Apaf-1 inhibition. <i>Cell Death and Disease</i> , 2018, 9, 365.	6.3	88
4	Probing Conformational Exchange Dynamics in a Short-Lived Protein Folding Intermediate by Real-Time Relaxation-Dispersion NMR. <i>Journal of the American Chemical Society</i> , 2017, 139, 1065-1068.	13.7	21
5	Fragment-Based NMR Study of the Conformational Dynamics in the bHLH Transcription Factor Ascl1. <i>Biophysical Journal</i> , 2017, 112, 1366-1373.	0.5	8
6	Glycodendrimers as Chondroitin Sulfate Mimetics: Synthesis and Binding to Growth Factor Midkine. <i>Chemistry - A European Journal</i> , 2017, 23, 11338-11345.	3.3	26
7	Interactions between a Heparin Trisaccharide Library and FGF-1 Analyzed by NMR Methods. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1293.	4.1	13
8	Longitudinal relaxation properties of ^1H N and ^1H \pm determined by direct-detected ^{13}C NMR experiments to study intrinsically disordered proteins (IDPs). <i>Journal of Magnetic Resonance</i> , 2015, 254, 19-26.	2.1	8
9	NMR Methods for the Study of Intrinsically Disordered Proteins Structure, Dynamics, and Interactions: General Overview and Practical Guidelines. <i>Advances in Experimental Medicine and Biology</i> , 2015, 870, 49-122.	1.6	69
10	HNCA+, HNCO+, and HNCACB+ experiments: improved performance by simultaneous detection of orthogonal coherence transfer pathways. <i>Journal of Biomolecular NMR</i> , 2014, 60, 1-9.	2.8	19
11	Accurate measurement of small heteronuclear coupling constants from pure-phase \hat{I}_\pm/\hat{I}^2 HSQMBC cross-peaks. <i>Journal of Magnetic Resonance</i> , 2011, 213, 145-150.	2.1	43
12	Selective 1D HCH experiment: a fast NMR tool that connect protons belonging to different spin systems. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 301-306.	1.9	6
13	Measurement of long-range proton-carbon coupling constants from pure in-phase 1D multiplets. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 502-507.	1.9	10
14	Molecular tweezers for enantiodiscrimination in NMR: Di-(R,R)-10-(1-hydroxy-2,2,2-trifluoroethyl)-9-anthryl]-2,2,2-trifluoroethyl benzenedicarboxylate. <i>Chirality</i> , 2010, 22, 548-556.	2.1	12
15	Structure-Guided Minimalist Redesign of the Fucose-Phosphate Aldolase Active Site: Expedient Synthesis of Novel Polyhydroxylated Pyrrolizidines and their Inhibitory Properties Against Glycosidases and Intestinal Disaccharidases. <i>Chemistry - A European Journal</i> , 2010, 16, 10691-10706.	3.3	39
16	IPAP-HSQMBC: Measurement of long-range heteronuclear coupling constants from spin-state selective multiplets. <i>Journal of Magnetic Resonance</i> , 2010, 207, 312-321.	2.1	44
17	Improved NMR methods for the direct ^{13}C -satellite-selective excitation in overlapped ^1H -NMR spectra. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 121-132.	1.9	3
18	Di-(R,R)-1-[10-(1-hydroxy-2,2,2-trifluoroethyl)-9-anthryl]-2,2,2-trifluoroethyl Muconate: A Highly Chiral Cavity for Enantiodiscrimination by NMR. <i>Journal of Organic Chemistry</i> , 2006, 71, 8114-8120.	3.2	27

#	ARTICLE	IF	CITATIONS
19	Peptide Conjugates Derived from flg15, Pep13, and PIP1 That Are Active against Plant-Pathogenic Bacteria and Trigger Plant Defense Responses. Applied and Environmental Microbiology, 0, , .	3.1	1