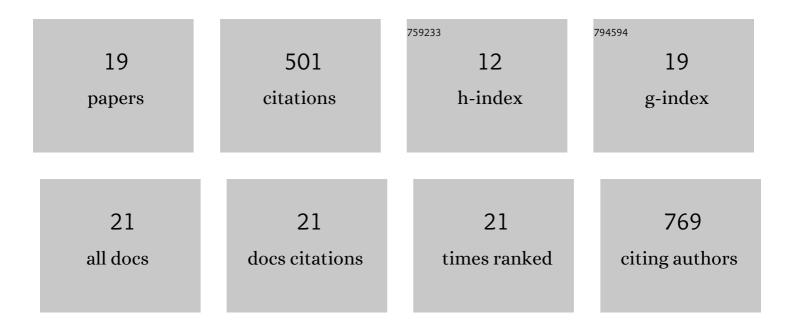
Sergio Gil-Caballero

List of Publications by Year in descending order

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