

Josep SaurÀ-

List of Publications by Year in descending order

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55
papers

1,088
citations

471509

17
h-index

454955

30
g-index

61
all docs

61
docs citations

61
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	NMR of natural products. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 499-499.	1.9	0
2	The Discovery of Two Novel Classes of 5,5-Bicyclic Nucleoside-Derived PRMT5 Inhibitors for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3911-3939.	6.4	16
3	Development of a Flexible and Robust Synthesis of Tetrahydrofuro[3,4- <i>b</i>]furan Nucleoside Analogues. <i>Journal of Organic Chemistry</i> , 2021, 86, 5142-5151.	3.2	7
4	Divergent and Regioselective Synthesis of Pyrazolo[1,5- <i>a</i>]pyridines and Imidazo[1,5- <i>a</i>]pyridines. <i>Organic Letters</i> , 2021, 23, 4694-4698.	4.6	11
5	Structure-Based Discovery of Proline-Derived Arginase Inhibitors with Improved Oral Bioavailability for Immuno-Oncology. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1380-1388.	2.8	11
6	Comprehensive Strategies to Bicyclic Prolines: Applications in the Synthesis of Potent Arginase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1678-1688.	2.8	9
7	How to measure long-range proton-carbon coupling constants from ¹ H-selective HSQMBC experiments. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 363-375.	1.9	7
8	Suberitamides A-C, Aryl Alkaloids from a Pseudosuberites sp. Marine Sponge that Inhibit Cbl-b Ubiquitin Ligase Activity. <i>Marine Drugs</i> , 2020, 18, 536.	4.6	5
9	LR-HSQMBC versus LR-selHSQMBC: Enhancing the Observation of Tiny Long-Range Heteronuclear NMR Correlations. <i>Journal of Natural Products</i> , 2020, 83, 1275-1282.	3.0	5
10	Discovery and Optimization of Rationally Designed Bicyclic Inhibitors of Human Arginase to Enhance Cancer Immunotherapy. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 582-588.	2.8	18
11	C-C Cleavage Approach to C-H Functionalization of Saturated Aza-Cycles. <i>ACS Catalysis</i> , 2020, 10, 2929-2941.	11.2	43
12	LR-selHSQMBC: Simultaneous Detection and Quantification of Very Weak Long-Range Heteronuclear NMR Correlations. <i>ChemPhysChem</i> , 2020, 21, 280-283.	2.1	1
13	Pyonitrins A-D: Chimeric Natural Products Produced by <i>Pseudomonas protegens</i> . <i>Journal of the American Chemical Society</i> , 2019, 141, 17098-17101.	13.7	27
14	Characterization by Empirical and Computational Methods of Dictyospiromide, an Intriguing Antioxidant Alkaloid from the Marine Alga <i>Dictyota coriacea</i> . <i>Organic Letters</i> , 2019, 21, 7577-7581.	4.6	24
15	Process Safety Considerations for the Supply of a High-Energy Oxadiazole IDO1-Selective Inhibitor. <i>Organic Process Research and Development</i> , 2019, 23, 1178-1190.	2.7	4
16	New variants of the ADEQUATE experiments. <i>Annual Reports on NMR Spectroscopy</i> , 2019, 98, 1-56.	1.5	9
17	Structural elucidation of a dimeric impurity in the process development of ceftolozane using LC/HRMS and 2D-NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 242-247.	2.8	3
18	Enhancing the utility of 1JCH coupling constants in structural studies through optimized DFT analysis. <i>Chemical Communications</i> , 2019, 55, 5781-5784.	4.1	26

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19	Identification of ortho-Substituted Benzoic Acid/Ester Derivatives via the Gas-Phase Neighboring Group Participation Effect in (+)-ESI High Resolution Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 694-703.	2.8	1
20	Incorporating BIRD-based homodecoupling in the dual-optimized, inverted 1JCC1,n-ADEQUATE experiment. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 1029-1036.	1.9	6
21	Observation of untoward 3J correlations in 1,1-ADEQUATE spectra of pyrimidine analogs: Avoiding potential interpretation pitfalls. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 775-781.	1.9	5
22	Unequivocal determination of caulamidines A and B: application and validation of new tools in the structure elucidation tool box. <i>Chemical Science</i> , 2018, 9, 307-314.	7.4	55
23	Trichophycins F, Chlorovinylidene-Containing Polyketides Isolated from a Cyanobacterial Bloom. <i>Journal of Organic Chemistry</i> , 2018, 83, 13256-13266.	3.2	10
24	Cyanobufalins: Cardioactive Toxins from Cyanobacterial Blooms. <i>Journal of Natural Products</i> , 2018, 81, 2576-2581.	3.0	9
25	Jizanpeptins, Cyanobacterial Protease Inhibitors from a <i>Symploca</i> sp. Cyanobacterium Collected in the Red Sea. <i>Journal of Natural Products</i> , 2018, 81, 1417-1425.	3.0	17
26	Improving the performance of 2D -modulated ADEQUATE experiments through homonuclear decoupling and non-uniform sampling. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 191-197.	1.9	19
27	Unequivocal determination of complex molecular structures using anisotropic NMR measurements. <i>Science</i> , 2017, 356, .	12.6	124
28	Observation of potentially troublesome 2J correlations in 1,1-ADEQUATE spectra. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 341-345.	1.9	15
29	Selecting the Most Appropriate NMR Experiment to Access Weak and/or Very Long-Range Heteronuclear Correlations. <i>Journal of Natural Products</i> , 2016, 79, 1400-1406.	3.0	16
30	Homodimericin A: A Complex Hexacyclic Fungal Metabolite. <i>Journal of the American Chemical Society</i> , 2016, 138, 12324-12327.	13.7	97
31	Band-Selective 2D HSQMBC: A Universal Technique for Detection and Measurement of $^{35,37}Cl$ Isotope Effects for ^{13}C Nuclei. <i>Organic Letters</i> , 2016, 18, 4786-4789.	4.6	10
32	Characterization and Synthesis of Eudistidine C, a Bioactive Marine Alkaloid with an Intriguing Molecular Scaffold. <i>Journal of Organic Chemistry</i> , 2016, 81, 10631-10640.	3.2	30
33	Additional pitfalls of using 1,1-ADEQUATE for structure elucidation. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 897-900.	1.9	12
34	Chapter 9. Nuclear Magnetic Resonance Experiments Applicable to the Elucidation and Characterization of Alkaloid Structures Part I: Direct 1H - ^{13}C Heteronuclear Shift Correlation and Establishing Contiguous Protonated Carbon Spin Systems. , 2016, , 315-357.		5
35	Chapter 10. Nuclear Magnetic Resonance Experiments Applicable to the Elucidation and Characterization of Alkaloid Structures Part II: Advanced Techniques for the Identification of Adjacent Carbons Using H2BC, 1,1-ADEQUATE, and Variants. , 2016, , 358-402.		1
36	Turning Spiroketal Inside Out: A Rearrangement Triggered by an Enol Ether Epoxidation. <i>ChemistryOpen</i> , 2015, 4, 577-580.	1.9	13

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37	Turning Spiroketal Inside Out: A Rearrangement Triggered by an Enol Ether Epoxidation. ChemistryOpen, 2015, 4, 542-542.	1.9	0
38	A Comprehensive Discussion of ^1H - ^{13}C HMBC Pulse Sequences: 4. Establishing Two-Bond Correlations from ^1H - ^{13}C HMBC and Related Experiments. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2015, 44A, 227-251.	0.5	13
39	Homodecoupled ^1H - and ^{13}C -ADEQUATE: Pivotal NMR Experiments for the Structure Revision of Cryptospirepine. Angewandte Chemie - International Edition, 2015, 54, 10160-10164.	13.8	49
40	Structure elucidation of uniformly ^{13}C labeled small molecule natural products. Magnetic Resonance in Chemistry, 2015, 53, i.	1.9	5
41	Simultaneous determination of the magnitude and the sign of multiple heteronuclear coupling constants in ^{19}F - or ^{31}P -containing compounds. Magnetic Resonance in Chemistry, 2015, 53, 427-432.	1.9	7
42	Structure elucidation of uniformly ^{13}C labeled small molecule natural products. Magnetic Resonance in Chemistry, 2015, 53, 996-1002.	1.9	7
43	Implementing multiplicity editing in selective HSQMBC experiments. Journal of Magnetic Resonance, 2015, 252, 170-175.	2.1	10
44	Extending long-range heteronuclear NMR connectivities by HSQMBC-COSY and HSQMBC-TOCSY experiments. Journal of Magnetic Resonance, 2015, 258, 25-32.	2.1	19
45	Carbon Multiplicity Editing in Long-Range Heteronuclear Correlation NMR Experiments: A Valuable Tool for the Structure Elucidation of Natural Products. Journal of Natural Products, 2015, 78, 2236-2241.	3.0	9
46	Straightforward measurement of individual $1J(\text{CH})$ and $2J(\text{HH})$ in diastereotopic CH_2 groups. Journal of Magnetic Resonance, 2014, 242, 33-40.	2.1	18
47	Implementing homo- and heterodecoupling in region-selective HSQMBC experiments. Journal of Magnetic Resonance, 2014, 238, 63-69.	2.1	37
48	Pure In-Phase Heteronuclear Correlation NMR Experiments. Angewandte Chemie - International Edition, 2014, 53, 8379-8382.	13.8	55
49	On the interference of $^1J(\text{HH})$ modulation in HSQMBC-PAP and HMBC-PAP experiments. Magnetic Resonance in Chemistry, 2013, 51, 509-516.	1.9	16
50	Efficient and fast sign-sensitive determination of heteronuclear coupling constants. Journal of Magnetic Resonance, 2013, 236, 66-69.	2.1	16
51	Simultaneous measurement of $J(\text{HH})$ and two different $^nJ(\text{CH})$ coupling constants from a single multiply edited 2D cross-peak. Magnetic Resonance in Chemistry, 2013, 51, 397-402.	1.9	5
52	CLIP-HSQMBC: easy measurement of small proton-carbon coupling constants in organic molecules. Organic and Biomolecular Chemistry, 2013, 11, 4473.	2.8	30
53	Efficient measurement of the sign and the magnitude of long-range proton-carbon coupling constants from a spin-state-selective HSQMBC-COSY experiment. Magnetic Resonance in Chemistry, 2012, 50, 717-721.	1.9	15
54	P.E.HSQMBC: Simultaneous measurement of proton-proton and proton-carbon coupling constants. Journal of Magnetic Resonance, 2012, 224, 101-106.	2.1	16

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55	A Definitive NMR Solution for a Simple and Accurate Measurement of the Magnitude and the Sign of Small Heteronuclear Coupling Constants on Protonated and Non-Protonated Carbon Atoms. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3919-3922.	13.8	44