

Darcy C Burns

List of Publications by Year in descending order

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12
papers

489
citations

1040056

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1125743

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all docs

13
docs citations

13
times ranked

931
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereochemical inversion of (S)-reticuline by a cytochrome P450 fusion in opium poppy. <i>Nature Chemical Biology</i> , 2015, 11, 728-732.	8.0	123
2	Assignment of ¹ H and ¹³ C spectra and investigation of hindered side-chain rotation in lupeol derivatives. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 488-493.	1.9	84
3	An Apparent Size-Exclusion Quantification Limit Reveals a Molecular Weight Limit in the Synthesis of Externally Initiated Polythiophenes. <i>ACS Macro Letters</i> , 2012, 1, 1266-1269.	4.8	70
4	The role of computer-assisted structure elucidation (CASE) programs in the structure elucidation of complex natural products. <i>Natural Product Reports</i> , 2019, 36, 919-933.	10.3	62
5	Origins of Helix-Coil Switching in a Light-Sensitive Peptide. <i>Biochemistry</i> , 2004, 43, 15329-15338.	2.5	50
6	Minimizing the risk of deducing wrong natural product structures from NMR data. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 500-533.	1.9	24
7	Directed Ligand Exchange on the Surface of PbS Nanocrystals: Implications for Incoherent Photon Conversion. <i>ACS Applied Nano Materials</i> , 2021, 4, 5655-5664.	5.0	16
8	Getting the Most Out of HSQC and HMBC Spectra. <i>Annual Reports on NMR Spectroscopy</i> , 2012, , 1-21.	1.5	14
9	CRAPT: an improved version of APT with compensation for variations in JCH. <i>Magnetic Resonance in Chemistry</i> , 2014, 52, 195-201.	1.9	8
10	PbS Nanocrystals Made Using Excess Lead Chloride Have a Halide-Perovskite-Like Surface. <i>Chemistry of Materials</i> , 2021, 33, 9270-9284.	6.7	6
11	Investigating the Molecular Mechanism of Protein-Polymer Binding with Direct Saturation Compensated Nuclear Magnetic Resonance. <i>Biomacromolecules</i> , 2022, 23, 67-76.	5.4	5
12	Synthesis, Crystallography, and Anti-Leukemic Activity of the Amino Adducts of Dehydroleucodine. <i>Molecules</i> , 2020, 25, 4825.	3.8	3