

Robbie J Iulucci

List of Publications by Year in descending order

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13
papers

286
citations

933447

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1199594

12
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docs citations

13
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Density functional investigation of intermolecular effects on ¹³ C NMR chemical-shielding tensors modeled with molecular clusters. <i>Journal of Chemical Physics</i> , 2014, 141, 164121.	3.0	53
2	Investigation of the Structural Conformation of Biphenyl by Solid State ¹³ C NMR and Quantum Chemical NMR Shift Calculations. <i>Journal of Physical Chemistry A</i> , 2001, 105, 6780-6784.	2.5	51
3	Study of Perfluorophosphonic Acid Surface Modifications on Zinc Oxide Nanoparticles. <i>Materials</i> , 2017, 10, 1363.	2.9	27
4	Semi-empirical refinements of crystal structures using ¹⁷ O quadrupolar-coupling tensors. <i>Journal of Chemical Physics</i> , 2017, 146, 064201.	3.0	26
5	Chemical Shift Tensors of Cimetidine Form A Modeled with Density Functional Theory Calculations: Implications for NMR Crystallography. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3109-3119.	2.5	26
6	Calculations of solid-state ⁴³ Ca NMR parameters: A comparison of periodic and cluster approaches and an evaluation of DFT functionals. <i>Journal of Computational Chemistry</i> , 2017, 38, 949-956.	3.3	19
7	Ring-chain tautomerism in solid-phase erythromycin A: evidence by solid-state NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 2003, 24, 23-38.	2.3	16
8	Measuring and Modeling Highly Accurate ¹⁵ N Chemical Shift Tensors in a Peptide.. <i>ChemPhysChem</i> , 2017, 18, 2225-2232.	2.1	16
9	The Impacts of an "Organic First" Chemistry Curriculum at a Liberal Arts College. <i>Journal of Chemical Education</i> , 2014, 91, 994-1000.	2.3	15
10	Analysis of the bond-valence method for calculating ²⁹ Si and ³¹ P magnetic shielding in covalent network solids. <i>Journal of Computational Chemistry</i> , 2016, 37, 1704-1710.	3.3	14
11	High-Resolution Solid-State NMR Spectroscopy: Characterization of Polymorphism in Cimetidine, a Pharmaceutical Compound. <i>Journal of Chemical Education</i> , 2014, 91, 1236-1239.	2.3	10
12	Moving towards fast characterization of polymorphic drugs by solid-state NMR spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 148, 163-169.	2.8	9
13	The Scientific Method as a Scaffold to Enhance Communication Skills in Chemistry. <i>Journal of Chemical Education</i> , 0, , .	2.3	4