

# Robbie J Iulucci

## List of Publications by Year in descending order

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13  
papers

286  
citations

933447

10  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

400  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Calculations of solid-state <sup>43</sup> 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
4	Semi-empirical refinements of crystal structures using 17O quadrupolar-coupling tensors. <i>Journal of Chemical Physics</i> , 2017, 146, 064201.	3.0	26
5	Measuring and Modeling Highly Accurate 15 N Chemical Shift Tensors in a Peptide.. <i>ChemPhysChem</i> , 2017, 18, 2225-2232.	2.1	16
6	Study of Perfluorophosphonic Acid Surface Modifications on Zinc Oxide Nanoparticles. <i>Materials</i> , 2017, 10, 1363.	2.9	27
7	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
8	Density functional investigation of intermolecular effects on 13C NMR chemical-shielding tensors modeled with molecular clusters. <i>Journal of Chemical Physics</i> , 2014, 141, 164121.	3.0	53
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	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
11	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
12	Investigation of the Structural Conformation of Biphenyl by Solid State 13C NMR and Quantum Chemical NMR Shift Calculations. <i>Journal of Physical Chemistry A</i> , 2001, 105, 6780-6784.	2.5	51
13	The Scientific Method as a Scaffold to Enhance Communication Skills in Chemistry. <i>Journal of Chemical Education</i> , 0, , .	2.3	4