

Somisetti V Sambasivarao

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

605
citations

1040056

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1372567

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11
all docs

11
docs citations

11
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of OPLS-AA Force Field Parameters for 68 Unique Ionic Liquids. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 1038-1050.	5.3	435
2	An Ionic Liquid Dependent Mechanism for Base Catalyzed β -Elimination Reactions from QM/MM Simulations. <i>Journal of the American Chemical Society</i> , 2013, 135, 1065-1072.	13.7	33
3	A Combined Theoretical and Experimental Investigation of the Transport Properties of Water in a Perfluorosulfonic Acid Proton Exchange Membrane Doped with the Heteropoly Acids, $H_3PW_{12}O_{40}$ or $H_4SiW_{12}O_{40}$. <i>Journal of Physical Chemistry C</i> , 2014, 118, 854-863.	3.1	26
4	Enhancing Proton Transport and Membrane Lifetimes in Perfluorosulfonic Acid Proton Exchange Membranes: A Combined Computational and Experimental Evaluation of the Structure and Morphology Changes Due to $H_3PW_{12}O_{40}$ Doping. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20193-20202.	3.1	21
5	Identification of HIV Inhibitors Guided by Free Energy Perturbation Calculations. <i>Current Pharmaceutical Design</i> , 2012, 18, 1199-1216.	1.9	20
6	Construction of Donor-Acceptor Polymers via Cyclopentannulation of Poly(arylene ethynylene)s. <i>Macromolecules</i> , 2016, 49, 127-133.	4.8	20
7	Computational Insight into Small Molecule Inhibition of Cyclophilins. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 475-482.	5.4	16
8	Optimal scaling factors for CM1 and CM3 atomic charges in RM1-based aqueous simulations. <i>Journal of Computational Chemistry</i> , 2011, 32, 2836-2842.	3.3	16
9	Acetylcholine Promotes Binding of α -Conotoxin MII at $\alpha_3\beta_2$ Nicotinic Acetylcholine Receptors. <i>ChemBioChem</i> , 2014, 15, 413-424.	2.6	14
10	Thermal Stability and Ionic Conductivity of High-Temperature Proton Conducting Ionic Liquid-Polymer Composite Electrolyte Membranes for Fuel Cell Applications. <i>ACS Symposium Series</i> , 2014, , 111-126.	0.5	4