

Dongsheng Wu

List of Publications by Year in descending order

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13
papers

581
citations

1040056

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1281871

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14
docs citations

14
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of the hydrated morphologies of perfluorosulfonic acid fuel cell membranes with mesoscopic simulations. <i>Energy and Environmental Science</i> , 2008, 1, 284.	30.8	137
2	Effect of Molecular Weight on Hydrated Morphologies of the Short-Side-Chain Perfluorosulfonic Acid Membrane. <i>Macromolecules</i> , 2009, 42, 3358-3367.	4.8	116
3	A unified morphological description of Nafion membranes from SAXS and mesoscale simulations. <i>Soft Matter</i> , 2011, 7, 6820.	2.7	109
4	Mesoscale Modeling of Hydrated Morphologies of 3M Perfluorosulfonic Acid-Based Fuel Cell Electrolytes. <i>Langmuir</i> , 2010, 26, 14308-14315.	3.5	93
5	Crystal and Band Structures, Bonding, and Optical Properties of Solid Compounds of Alkaline Indium (III) Pyrophosphates $MInP_2O_7$ ($M = Na, K, Rb, Cs$). <i>Chemistry of Materials</i> , 2004, 16, 4150-4159.	6.7	39
6	Evaluation of the microstructure of dry and hydrated perfluorosulfonic acid ionomers: microscopy and simulations. <i>Journal of Materials Chemistry A</i> , 2013, 1, 938-944.	10.3	39
7	Syntheses, Crystal Growths, and Nonlinear Optical Properties for 2-Carboxylic acid-4-nitropyridine-1-oxide Crystals with Two Different Arrangements of Chromophores. <i>Crystal Growth and Design</i> , 2007, 7, 2316-2323.	3.0	16
8	Comparative exploration of hydrogen sulfide and water transmembrane free energy surfaces via orthogonal space tempering free energy sampling. <i>Journal of Computational Chemistry</i> , 2016, 37, 567-574.	3.3	11
9	Predictive Sampling of Rare Conformational Events in Aqueous Solution: Designing a Generalized Orthogonal Space Tempering Method. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 41-52.	5.3	11
10	Crystal structures of alkali-metal indium (III) phosphates of $[M_3In(PO_4)_2]_n$ ($M=K, ; M=Rb,)$ compounds, and band structures and chemical bond properties of $[Rb_3In(PO_4)_2]_2$ crystal. <i>Journal of Solid State Chemistry</i> , 2006, 179, 186-194.	2.9	8
11	Mesoscopic Simulations of the Hydrated Morphology of the Short-Side-Chain Perfluorosulfonic Acid Ionomer. <i>ACS Symposium Series</i> , 2010, , 83-96.	0.5	2
12	Crystal and Band Structures, Bonding, and Optical Properties of Solid Compounds of Alkaline Indium(III) Pyrophosphates $MInP_2O_7$ ($M: Na, K, Rb, Cs$).. <i>ChemInform</i> , 2004, 35, no.	0.0	0
13	Free energy landscape of a minimalist salt bridge model. <i>Protein Science</i> , 2016, 25, 270-276.	7.6	0