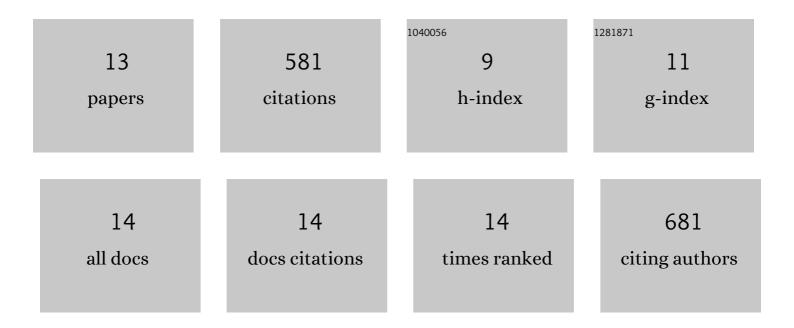
Dongsheng Wu

List of Publications by Year in descending order

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DONCSHENC WU

#	Article	IF	CITATIONS
1	A comparative study of the hydrated morphologies of perfluorosulfonic acid fuel cell membranes with mesoscopic simulations. Energy and Environmental Science, 2008, 1, 284.	30.8	137
2	Effect of Molecular Weight on Hydrated Morphologies of the Short-Side-Chain Perfluorosulfonic Acid Membrane. Macromolecules, 2009, 42, 3358-3367.	4.8	116
3	A unified morphological description of Nafion membranes from SAXS and mesoscale simulations. Soft Matter, 2011, 7, 6820.	2.7	109
4	Mesoscale Modeling of Hydrated Morphologies of 3M Perfluorosulfonic Acid-Based Fuel Cell Electrolytes. Langmuir, 2010, 26, 14308-14315.	3.5	93
5	Crystal and Band Structures, Bonding, and Optical Properties of Solid Compounds of Alkaline Indium (III) Pyrophosphates MInP2O7(M = Na, K, Rb, Cs). Chemistry of Materials, 2004, 16, 4150-4159.	6.7	39
6	Evaluation of the microstructure of dry and hydrated perfluorosulfonic acid ionomers: microscopy and simulations. Journal of Materials Chemistry A, 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. Crystal Growth and Design, 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. Journal of Computational Chemistry, 2016, 37, 567-574.	3.3	11
9	Predictive Sampling of Rare Conformational Events in Aqueous Solution: Designing a Generalized Orthogonal Space Tempering Method. Journal of Chemical Theory and Computation, 2016, 12, 41-52.	5.3	11
10	Crystal structures of alkali-metal indium (III) phosphates of [M3In(PO4)2]n (M=K, ; M=Rb,) compounds, and band structures and chemical bond properties of [Rb3In(PO4)2]2 crystal. Journal of Solid State Chemistry, 2006, 179, 186-194.	2.9	8
11	Mesoscopic Simulations of the Hydrated Morphology of the Short-Side-Chain Perfluorosulfonic Acid Ionomer. ACS Symposium Series, 2010, , 83-96.	0.5	2
12	Crystal and Band Structures, Bonding, and Optical Properties of Solid Compounds of Alkaline Indium(III) Pyrophosphates MInP2O7 (M: Na, K, Rb, Cs) ChemInform, 2004, 35, no.	0.0	0
13	Free energy landscape of a minimalist salt bridge model. Protein Science, 2016, 25, 270-276.	7.6	0