Chen Wang

List of Publications by Year
in descending order

		1040056	1125743
14 papers	287 citations	9 h-index	13 g-index
14 all docs	14 docs citations	14 times ranked	388 citing authors

#	ARTICLE	IF	CITATIONS
1	An ab initio study of the primary hydration and proton transfer of CF3SO3H and CF3O(CF2)2SO3H: Effects of the hybrid functional and inclusion of diffuse functions. Solid State Ionics, 2011, 199-200, 6-13.	2.7	54
2	Mesoscale modeling of hydrated morphologies of sulfonated polysulfone ionomers. Soft Matter, 2014, 10, 819-830.	2.7	42
3	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
4	Quinoline alkaloids as intercalative topoisomerase inhibitors. Journal of Molecular Modeling, 2009, 15, 1417-1426.	1.8	29
5	Hydration and Proton Transfer in Highly Sulfonated Poly(phenylene sulfone) Ionomers: An Ab Initio Study. Journal of Physical Chemistry A, 2013, 117, 650-660.	2.5	28
6	Proton transfer in functionalized phosphonic acid molecules. Physical Chemistry Chemical Physics, 2010, 12, 970-981.	2.8	27
7	A transfer learning approach for improved classification of carbon nanomaterials from TEM images. Nanoscale Advances, 2021, 3, 206-213.	4.6	25
8	Electron energy loss spectroscopy of polytetrafluoroethylene: experiment and first principles calculations. Microscopy (Oxford, England), 2014, 63, 73-83.	1.5	19
9	Characterization of chain conformations in perfluorosulfonic acid membranes using electron energy loss spectroscopy. RSC Advances, 2015, 5, 2368-2373.	3.6	15
10	Revealing the structural and chemical properties of copper-based nanoparticles released from copper treated wood. RSC Advances, 2022, 12, 11391-11401.	3.6	4
11	Microstructure and Chemical Characterization of Copper Nanoparticles in Wood Dust by TEM/STEM. Microscopy and Microanalysis, 2018, 24, 1762-1763.	0.4	2
12	Hierarchically Structured Classification of Carbon Nanostructures from TEM Images by Machine Learning and Computer Vision. Microscopy and Microanalysis, 2021, 27, 448-449.	0.4	2
13	Combine Simulation and Experiment EELS to Characterize Ionomer Conformation. Microscopy and Microanalysis, 2015, 21, 1653-1654.	0.4	1
14	Characterization of Sulfonated Polysulfone Polymers by EELS. Microscopy and Microanalysis, 2015, 21, 1679-1680.	0.4	0