

Xin-Xing Zhang

List of Publications by Year in descending order

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17
papers

660
citations

687363

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839539

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all docs

18
docs citations

18
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Solvation Response of Coumarin 153 in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4291-4304.	2.6	120
2	Femtosecond broadband fluorescence upconversion spectroscopy: Improved setup and photometric correction. <i>Review of Scientific Instruments</i> , 2011, 82, 063108.	1.3	81
3	Measurements of the complete solvation response of coumarin 153 in ionic liquids and the accuracy of simple dielectric continuum predictions. <i>Faraday Discussions</i> , 2012, 154, 409-424.	3.2	80
4	Solvation Dynamics in a Prototypical Ionic Liquid + Dipolar Aprotic Liquid Mixture: 1-Butyl-3-methylimidazolium Tetrafluoroborate + Acetonitrile. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1340-1352.	2.6	68
5	Dielectric Relaxation and Solvation Dynamics in a Prototypical Ionic Liquid + Dipolar Protic Liquid Mixture: 1-Butyl-3-Methylimidazolium Tetrafluoroborate + Water. <i>Journal of Physical Chemistry B</i> , 2013, 117, 15356-15368.	2.6	64
6	Conductivity and Solvation Dynamics in Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1205-1210.	4.6	60
7	Studying Protein-Protein Binding through T-Jump Induced Dissociation: Transient 2D IR Spectroscopy of Insulin Dimer. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5134-5145.	2.6	42
8	DNA minor-groove binder Hoechst 33258 destabilizes base-pairing adjacent to its binding site. <i>Communications Biology</i> , 2020, 3, 525.	4.4	25
9	Communication: Solvation and dielectric response in ionic liquids—Conductivity extension of the continuum model. <i>Journal of Chemical Physics</i> , 2013, 138, 111102.	3.0	22
10	Observations of probe dependence of the solvation dynamics in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12949-12956.	2.8	20
11	Detection of DNA-Ligand Binding Oscillations by Stokes-Shift Measurements. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9501-9505.	13.8	17
12	Sweat-Resistant Silk Fibroin-Based Double Network Hydrogel Adhesives. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 21945-21953.	8.0	17
13	Doping concentration induced phase transition in Eu ³⁺ -doped β -PbF ₂ nano-particles. <i>Optics Express</i> , 2013, 21, 24742.	3.4	15
14	Excited-State Deactivation of Branched Phthalocyanine Compounds. <i>ChemPhysChem</i> , 2015, 16, 3893-3901.	2.1	9
15	Coassembly of a New Insect Cuticular Protein and Chitosan via Liquid-Liquid Phase Separation. <i>Biomacromolecules</i> , 2022, 23, 2562-2571.	5.4	9
16	Revealing the Dynamical Role of Co-solvents in the Coupled Folding and Dimerization of Insulin. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4353-4358.	4.6	5
17	CO ₂ -Resistant Oxidative Dehydrogenation of Cyclohexane Catalyzed by sp ³ @sp ² Nanodiamonds towards Highly Selective Cyclohexene Production. <i>ChemCatChem</i> , 2021, 13, 610-616.	3.7	5