

Susobhan Choudhury

List of Publications by Year in descending order

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16
papers

332
citations

840776

11
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940533

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all docs

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docs citations

16
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of Pd nanostructures in hexagonal mesophases as a promising electrocatalyst for ethanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9517-9527.	10.3	55
2	Efficient red luminescence from organic-soluble Au ₂₅ clusters by ligand structure modification. <i>Nanoscale</i> , 2015, 7, 14305-14315.	5.6	40
3	Modulation of stability and functionality of a phyto-antioxidant by weakly interacting metal ions: curcumin in aqueous solution. <i>RSC Advances</i> , 2015, 5, 102516-102524.	3.6	38
4	Direct Observation of Coupling between Structural Fluctuation and Ultrafast Hydration Dynamics of Fluorescent Probes in Anionic Micelles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10849-10857.	2.6	34
5	Photo-triggered destabilization of nanoscopic vehicles by dihydroindolizine for enhanced anticancer drug delivery in cervical carcinoma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 202-211.	5.0	31
6	Ultrafast Dynamics of Solvation and Charge Transfer in a DNA-Based Biomaterial. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1395-1402.	3.3	20
7	A sensitive fluorescent probe for the polar solvation dynamics at protein-surfactant interfaces. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12237-12245.	2.8	20
8	Resveratrol-ZnO nanohybrid enhanced anti-cancerous effect in ovarian cancer cells through ROS. <i>RSC Advances</i> , 2016, 6, 105607-105617.	3.6	15
9	Molecular recognition of genomic DNA in a condensate with a model surfactant for potential gene-delivery applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 157, 105-112.	3.8	15
10	Ultrafast spectroscopy on DNA-cleavage by endonuclease in molecular crowding. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 395-402.	7.5	13
11	Modulation of Solvation and Molecular Recognition of a Lipid Bilayer under Dynamical Phase Transition. <i>ChemPhysChem</i> , 2018, 19, 2709-2716.	2.1	12
12	Direct Observation of Kinetic Pathways of Biomolecular Recognition. <i>Chemistry - A European Journal</i> , 2015, 21, 16172-16177.	3.3	10
13	Modulation of Ultrafast Conformational Dynamics in Allosteric Interaction of Gal Repressor Protein with Different Operator DNA Sequences. <i>ChemBioChem</i> , 2016, 17, 605-613.	2.6	10
14	Ultrafast interfacial solvation dynamics in specific protein DNA recognition. <i>Biochimie</i> , 2013, 95, 2168-2176.	2.6	8
15	Dynamical perspective of protein-DNA interaction. <i>Biomolecular Concepts</i> , 2014, 5, 21-43.	2.2	8
16	Ultrafast differential flexibility of Cro-protein binding domains of two operator DNAs with different sequences. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17983-17990.	2.8	3