

Vinod Kumar

List of Publications by Year in descending order

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15
papers

376
citations

933447

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docs citations

15
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable synthesis of single crystalline sulphur-doped graphene quantum dots for bioimaging and beyond. <i>Green Chemistry</i> , 2018, 20, 4245-4259.	9.0	112
2	Ionic liquid-controlled J- versus H-aggregation of cyanine dyes. <i>Chemical Communications</i> , 2011, 47, 4730.	4.1	59
3	Unusual fluorescein prototropism within aqueous acidic 1-butyl-3-methylimidazolium tetrafluoroborate solution. <i>Chemical Communications</i> , 2010, 46, 5112.	4.1	37
4	J-aggregation of ionic liquid solutions of meso-tetrakis(4-sulfonatophenyl)porphyrin. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 1886-1894.	2.8	36
5	Role of the Surfactant Structure in the Behavior of Hydrophobic Ionic Liquids within Aqueous Micellar Solutions. <i>ChemPhysChem</i> , 2010, 11, 1044-1052.	2.1	33
6	Contrasting Behavior of Classical Salts versus Ionic Liquids toward Aqueous Phase J-Aggregate Dissociation of a Cyanine Dye. <i>Langmuir</i> , 2011, 27, 12884-12890.	3.5	19
7	Ionic liquid induced removal of Rhodamine B from water. <i>Journal of Molecular Liquids</i> , 2020, 319, 114195.	4.9	16
8	Selective Quenching of 2-Naphtholate Fluorescence by Imidazolium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12030-12037.	2.6	13
9	Aggregation of a model porphyrin within poly(ethylene glycol) (PEG): effect of water, PEG molecular weight, ionic liquids, salts, and temperature. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 7263-7273.	2.8	13
10	Proton Transfer Reactions of Acridine in Water-Containing Ionic Liquid-Rich Mixtures. <i>ChemPhysChem</i> , 2013, 14, 3944-3952.	2.1	10
11	Self-Probing of Micellization within Phenyl-Containing Surfactant Solutions. <i>ChemPhysChem</i> , 2010, 11, 2510-2513.	2.1	9
12	Ionic Liquid-Controlled Excited-State Behavior of Naphthols. <i>ChemPhysChem</i> , 2013, 14, 491-495.	2.1	8
13	Controlling excited-state prototropism via the acidity of ionic liquids. <i>RSC Advances</i> , 2013, 3, 11621.	3.6	7
14	Aggregation behavior of a model carbocyanine dye: Polar organic solvent versus ionic liquid mixture. <i>Journal of Molecular Liquids</i> , 2021, 322, 114985.	4.9	3
15	2-Naphthoic acid prototropism within ionic liquid based media. <i>Journal of Molecular Liquids</i> , 2021, 339, 116831.	4.9	1