

Srinivasarao Kancharla

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

875
citations

567281

15
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of imidazole-bearing polymer-modified montmorillonite for adsorption of perchlorate. <i>Applied Clay Science</i> , 2020, 199, 105859.	5.2	13
2	Synthesis of modulator-driven highly stable zirconium-fumarate frameworks and mechanistic investigations of their arsenite and arsenate adsorption from aqueous solutions. <i>CrystEngComm</i> , 2019, 21, 2320-2332.	2.6	28
3	Acid tolerant covalently functionalized graphene oxide for the selective extraction of Pd from high-level radioactive liquid wastes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4561-4573.	10.3	26
4	Complexation Behavior of β -Lactoglobulin with Surface Active Ionic Liquids in Aqueous Solutions: An Experimental and Computational Approach. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2169-2181.	2.6	16
5	Enhanced adsorption of perchlorate by gemini surfactant-modified montmorillonite: Synthesis, characterization and their adsorption mechanism. <i>Applied Clay Science</i> , 2018, 163, 46-55.	5.2	26
6	Illuminating microemulsions: ionic liquid-CdS quantum dots hybrid materials as potential white light harvesting systems. <i>Chemical Communications</i> , 2016, 52, 6320-6323.	4.1	13
7	Spontaneous Formation of Multiarchitecture Vesicles of [C ₈ mim]Br + [Na]DBS in Aqueous Medium: Synergic Interplay of Electrostatic, Hydrophobic, and π - π Stacking Interactions. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15300-15309.	2.6	15
8	Sodium Bromide Induced Micelle to Vesicle Transitions of Newly Synthesized Anionic Surface Active Ionic Liquids Based on Dodecylbenzenesulfonate. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4263-4274.	2.6	50
9	Facile preparation of agarose-chitosan hybrid materials and nanocomposite ionogels using an ionic liquid via dissolution, regeneration and sol-gel transition. <i>Green Chemistry</i> , 2014, 16, 320-330.	9.0	83
10	Self-assembly of new surface active ionic liquids based on Aerosol-OT in aqueous media. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 267-275.	9.4	52
11	Biamphiphilic Ionic Liquid Induced Folding Alterations in the Structure of Bovine Serum Albumin in Aqueous Medium. <i>Journal of Physical Chemistry B</i> , 2014, 118, 115-124.	2.6	87
12	Vesicles and reverse vesicles of an ionic liquid in ionic liquids. <i>Chemical Communications</i> , 2013, 49, 8111.	4.1	39
13	Effect of Ethylene Glycol and Its Derivatives on the Aggregation Behavior of an Ionic Liquid 1-Butyl-3-methyl Imidazolium Octylsulfate in Aqueous Medium. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1612-1622.	2.6	35
14	Aqueous-Biamphiphilic Ionic Liquid Systems: Self-Assembly and Synthesis of Gold Nanocrystals/Microplates. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14363-14374.	2.6	70
15	Thermodynamic and spectroscopic studies on binary mixtures of imidazolium ionic liquids in ethylene glycol. <i>Journal of Chemical Thermodynamics</i> , 2012, 44, 121-127.	2.0	44
16	Aggregation Behavior of Amino Acid Ionic Liquid Surfactants in Aqueous Media. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13847-13853.	2.6	121
17	Aqueous-Mixed Ionic Liquid System: Phase Transitions and Synthesis of Gold Nanocrystals. <i>Langmuir</i> , 2011, 27, 9261-9269.	3.5	41
18	Polarity Behaviour and Specific Interactions of Imidazolium-Based Ionic Liquids in Ethylene Glycol. <i>ChemPhysChem</i> , 2011, 12, 836-845.	2.1	30

#	ARTICLE	IF	CITATIONS
19	Task-specific, Biodegradable Amino Acid Ionic Liquid Surfactants. ChemSusChem, 2011, 4, 604-608.	6.8	80
20	Effect of Ethylene Glycol and Its Derivatives on the Solubility Behavior of CaSO ₄ ·2H ₂ O in the Aqueous NaCl System and Physicochemical Solution Properties at 35 °C. Journal of Chemical & Engineering Data, 2010, 55, 4704-4708.	1.9	6