

Santu Maity

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

239
citations

1163117

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docs citations

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times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a fluorescent hydrogel synthesized using chitosan, polyvinyl alcohol and 9-anthraldehyde for the selective detection and discrimination of trace Fe ³⁺ and Fe ²⁺ in water for live-cell imaging. Carbohydrate Polymers, 2018, 193, 119-128.	10.2	46
2	Fabrication of lightweight and reusable salicylaldehyde functionalized chitosan as adsorbent for dye removal and its mechanism. International Journal of Biological Macromolecules, 2019, 141, 626-635.	7.5	45
3	Fabrication of thiophene-chitosan hydrogel-trap for efficient immobilization of mercury (II) from aqueous environs. Carbohydrate Polymers, 2021, 251, 116999.	10.2	28
4	Selective separation of ¹⁵² Eu from a mixture of ¹⁵² Eu and ¹³⁷ Cs using a chitosan based hydrogel. RSC Advances, 2015, 5, 89338-89345.	3.6	27
5	A dynamic chitosan-based self-healing hydrogel with tunable morphology and its application as an isolating agent. RSC Advances, 2016, 6, 81060-81068.	3.6	21
6	A dynamic sugar based bio-inspired, self-healing hydrogel exhibiting ESIPT. New Journal of Chemistry, 2018, 42, 5946-5954.	2.8	21
7	Solvent-Dependent Nanostructures Based on Active Aggregation Induced Emission Enhancement of New Carbazole Derivatives of Triphenylacrylonitrile. Chemistry - A European Journal, 2019, 25, 4856-4863.	3.3	15
8	Polysaccharide-derived hydrogel water filter for the rapid and selective removal of arsenic. Environmental Science: Water Research and Technology, 2019, 5, 1318-1327.	2.4	13
9	Remarkable solvent tunable aggregation caused quenching for fluorochromic chitosan based hydrogel. Journal of Molecular Liquids, 2021, 322, 114565.	4.9	9
10	Stimuli-responsive sugar-derived hydrogels: A modern approach in cancer biology. , 2020, , 617-649.		5
11	Insight of microencapsulation and fluorescence efficacy of chitosan based nanocomposite for photocatalytic performance. Materials Chemistry and Physics, 2022, 282, 125982.	4.0	5
12	Sugar-Based Self-Assembly of Hydrogel Nanotubes Manifesting ESIPT: Theoretical Insight and Application in Live Cell Imaging. ChemistrySelect, 2018, 3, 6575-6580.	1.5	4