

Santu Maity

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8320020/publications.pdf>

Version: 2024-02-01

12
papers

239
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

255
citing authors

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