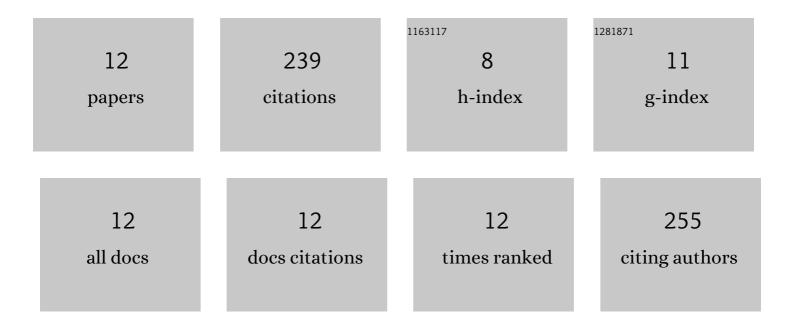
## Santu Maity

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8320020/publications.pdf Version: 2024-02-01



#	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 Fe3+ and Fe2+ 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 <sup>152</sup> Eu from a mixture of <sup>152</sup> Eu and <sup>137</sup> 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	Solventâ€Dependent Nanostructures Based on Active Ï€â€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	Sugarâ€Based Selfâ€Assembly of Hydrogel Nanotubes Manifesting ESIPT: Theoretical Insight and Application in Live Cell Imaging. ChemistrySelect, 2018, 3, 6575-6580.	1.5	4