Chandan Roy

List of Publications by Year
in descending order

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7 papers	307 citations	1307594 7 h-index	1720034 7 g-index
7 all docs	7 docs citations	7 times ranked	259 citing authors

#	Article	IF	Citations
1	Systematic synthesis of pectin-g-(sodium acrylate-co-N-isopropylacrylamide) interpenetrating polymer network for superadsorption of dyes/M(<scp>ii</scp>): determination of physicochemical changes in loaded hydrogels. Polymer Chemistry, 2017, 8, 3211-3237.	3.9	80
2	An in situ approach for the synthesis of a gum ghatti-g-interpenetrating terpolymer network hydrogel for the high-performance adsorption mechanism evaluation of Cd(<scp>ii</scp>), Pb(<scp>ii</scp>), Bi(<scp>iii</scp>) and Sb(<scp>iii</scp>). Journal of Materials Chemistry A, 2018, 6, 8078-8100.	10.3	68
3	In Situ Allocation of a Monomer in Pectin-g-Terpolymer Hydrogels and Effect of Comonomer Compositions on Superadsorption of Metal Ions/Dyes. ACS Omega, 2018, 3, 4163-4180.	3.5	43
4	Collagenic waste and rubber based resin-cured biocomposite adsorbent for high-performance removal(s) of Hg(II), safranine, and brilliant cresyl blue: A cost-friendly waste management approach. Journal of Hazardous Materials, 2019, 369, 199-213.	12.4	37
5	Tetrapolymer Network Hydrogels via Gum Ghatti-Grafted and Nâ€“H/Câ€“H-Activated Allocation of Monomers for Composition-Dependent Superadsorption of Metal Ions. ACS Omega, 2018, 3, 10692-10708.	3.5	32
6	Scalable Synthesis of Collagenic-Waste and Natural Rubber-Based Biocomposite for Removal of Hg(II) and Dyes: Approach for Cost-Friendly Waste Management. ACS Omega, 2019, 4, 421-436.	3.5	27
7	Light-Emitting Multifunctional Maleic Acid-co-2-(N-(hydroxymethyl)acrylamido)succinic Acid-co-N-(hydroxymethyl)acrylamide for Fe(III) Sensing, Removal, and Cell Imaging. ACS Omega, 2020, 5, 3333-3345.	3.5	20