

Xin Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Single and competitive adsorption between Indigo Carmine and Methyl orange dyes on quaternized kapok fiber adsorbent prepared by radiation technique. Separation and Purification Technology, 2022, 292, 121103.	7.9	25
2	Fabrication of quaternized sisal fiber by electron beam radiation and its adsorption of indigo carmine from aqueous solution. Cellulose, 2022, 29, 5137-5149.	4.9	3
3	Facile Fabrication of Quaternary Ammonium Salt Modified Cotton Linter by Radiation Grafting and its Effective Removal of Methyl Orange: Batch and Dynamic Flow Mode Studies. Fibers and Polymers, 2022, 23, 925-934.	2.1	2
4	Selective recovery of rhenium from the simulating leaching solutions of uranium ore by amino guanidine functionalized microcrystalline cellulose microsphere. Journal of Molecular Liquids, 2022, 360, 119399.	4.9	7
5	Ultrahigh Adsorption Capacity of Acrylic Acid-Grafted Xanthan Gum Hydrogels for Rhodamine B from Aqueous Solution. Journal of Chemical & Engineering Data, 2021, 66, 1264-1272.	1.9	29
6	Ethylenediamine and Pentaethylene Hexamine Modified Bamboo Sawdust by Radiation Grafting and Their Adsorption Behavior for Phosphate. Applied Sciences (Switzerland), 2021, 11, 7854.	2.5	2
7	Facile fabrication of polymeric quaternary ammonium salt hydrogel by radiation for dyes removal from aqueous solution. Radiation Physics and Chemistry, 2021, 188, 109670.	2.8	10
8	Selective Recovery of Ag(I) Using a Cellulose-Based Adsorbent in High Saline Solution. Journal of Chemical & Engineering Data, 2020, 65, 1919-1926.	1.9	10
9	Radiation grafting of dimethylaminoethyl methacrylate on cotton linter and subsequent quaternization as new eco-friendly adsorbent for phosphate removal. Environmental Science and Pollution Research, 2020, 27, 24558-24567.	5.3	13
10	Oscillation alternation in pH oscillator with additional feedback species. Chemical Physics Letters, 2020, 757, 137885.	2.6	1
11	Radiation Synthesis of Pentaethylene Hexamine Functionalized Cotton Linter for Effective Removal of Phosphate: Batch and Dynamic Flow Mode Studies. Materials, 2019, 12, 3393.	2.9	9
12	Fabrication of Cotton Linter-Based Adsorbents by Radiation Grafting Polymerization for Humic Acid Removal from Aqueous Solution. Polymers, 2019, 11, 962.	4.5	20
13	Facile fabrication of sodium styrene sulfonate-grafted ethylene-vinyl alcohol copolymer as adsorbent for ammonium removal from aqueous solution. Environmental Science and Pollution Research, 2018, 25, 27235-27244.	5.3	24
14	Experimental Evidence of Large Amplitude pH Mediated Autonomous Chemomechanical Oscillation. Polymers, 2017, 9, 554.	4.5	1