

Xin Yang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

156
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

64
citing authors

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