Xuejun Wang

List of Publications by Year
in descending order

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34 papers	1,403 citations	279701 23 h-index	377752 34 g-index
34 all docs	34 docs citations	34 times ranked	1617 citing authors

#	Article	IF	Citations
1	Preparation of fibrous chitosan/sodium alginate composite foams for the adsorption of cationic and anionic dyes. Journal of Hazardous Materials, 2021, 403, 124054.	6.5	182
2	Fabrication of pure chitosan nanofibrous membranes as effective absorbent for dye removal. International Journal of Biological Macromolecules, 2018, 106, 768-774.	3.6	124
3	Fabrication of PLLA/Î²-TCP nanocomposite scaffolds with hierarchical porosity for bone tissue engineering. International Journal of Biological Macromolecules, 2014, 69, 464-470.	3.6	82
4	Synthesis of a terpolymer based on chitosan and lignin as an effective flocculant for dye removal. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 537, 149-154.	2.3	80
5	Fabrication and characterization of nano-composite scaffold of PLLA/silane modified hydroxyapatite. Medical Engineering and Physics, 2010, 32, 391-397.	0.8	74
6	Preparation of millimeter-sized chitosan/carboxymethyl cellulose hollow capsule and its dye adsorption properties. Carbohydrate Polymers, 2020, 244, 116481.	5.1	71
7	Chitosan coated polyacrylonitrile nanofibrous mat for dye adsorption. International Journal of Biological Macromolecules, 2019, 135, 919-925.	3.6	68
8	The effect of fiber size and pore size on cell proliferation and infiltration in PLLA scaffolds on bone tissue engineering. Journal of Biomaterials Applications, 2016, 30, 1545-1551.	1.2	63
9	Bi-Layer Scaffold of Chitosan/PCL-Nanofibrous Mat and PLLA-Microporous Disc for Skin Tissue Engineering. Journal of Biomedical Nanotechnology, 2014, 10, 1105-1113.	0.5	48
10	Simultaneous adsorption for cationic and anionic dyes using chitosan/electrospun sodium alginate nanofiber composite sponges. Carbohydrate Polymers, 2022, 276, 118728.	5.1	43
11	Synthesis and flocculation performance of a chitosan-acrylamide-fulvic acid ternary copolymer. Carbohydrate Polymers, 2017, 170, 182-189.	5.1	40
12	Preparation of chitosan/gelatin composite foam with ternary solvents of dioxane/acetic acid/water and its water absorption capacity. Polymer Bulletin, 2020, 77, 5227-5244.	1.7	40
13	Microwave assisted copolymerization of sodium alginate and dimethyl diallyl ammonium chloride as flocculant for dye removal. International Journal of Biological Macromolecules, 2020, 156, 585-590.	3.6	38
14	Preparation of micro-nanofibrous chitosan sponges with ternary solvents for dye adsorption. Carbohydrate Polymers, 2018, 198, 69-75.	5.1	37
15	Fabrication and characterization of nano composite scaffold of poly(l-lactic acid)/hydroxyapatite. Journal of Materials Science: Materials in Medicine, 2010, 21, 183-188.	1.7	35
16	Preparation of lignosulfonateâ€“acrylamideâ€“chitosan ternary graft copolymer and its flocculation performance. International Journal of Biological Macromolecules, 2015, 81, 1053-1058.	3.6	35
17	Synthesis of a starchâ€“acrylic acidâ€“chitosan copolymer as flocculant for dye removal. Journal of Applied Polymer Science, 2019, 136, 47437.	1.3	34
18	Fabrication and biocompatibility of poly(l-lactic acid) and chitosan composite scaffolds with hierarchical microstructures. Materials Science and Engineering C, 2016, 64, 341-345.	3.8	33

#	Article	IF	Citations
19	Electrospun molecularly imprinted sodium alginate/polyethylene oxide nanofibrous membranes for selective adsorption of methylene blue. International Journal of Biological Macromolecules, 2022, 207, 62-71.	3.6	31
20	Structure and properties of PLLA/Î²-TCP nanocomposite scaffolds for bone tissue engineering. Journal of Materials Science: Materials in Medicine, 2015, 26, 5366.	1.7	30
21	Preparation of pure chitosan film using ternary solvents and its super absorbency. Carbohydrate Polymers, 2016, 153, 253-257.	5.1	27
22	Microwave assisted synthesis and characterization of a ternary flocculant from chitosan, acrylamide and lignin. International Biodeterioration and Biodegradation, 2017, 123, 269-275.	1.9	26
23	Fabrication of Nano-fibrous PLLA Scaffold Reinforced with Chitosan Fibers. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 1995-2002.	1.9	25
24	Fabrication of nano-fibrous poly(l-lactic acid) scaffold reinforced by surface modified chitosan micro-fiber. International Journal of Biological Macromolecules, 2013, 61, 353-358.	3.6	25
25	Electrospun cellulose acetate/P(DMDAACâ€AM) nanofibrous membranes for dye adsorption. Journal of Applied Polymer Science, 2020, 137, 48565.	1.3	24
26	Preparation of millimeter-scale hollow sphere with cationic chitosan/ dimethyl diallyl ammonium chloride /carboxymethyl cellulose terpolymer and its selective removal of anionic dye. Journal of Cleaner Production, 2022, 331, 130017.	4.6	19
27	Preparation of carboxymethyl cellulose/chitosan-CuO giant vesicles for the adsorption and catalytic degradation of dyes. Carbohydrate Polymers, 2022, 291, 119630.	5.1	19
28	A cost-effective anionic flocculant prepared by grafting carboxymethyl cellulose and lignosulfonate with acrylamide. Cellulose, 2021, 28, 11013-11023.	2.4	16
29	Photochemical production of dissolved inorganic carbon from suwannee river humic acid. Chinese Journal of Oceanology and Limnology, 2009, 27, 570-573.	0.7	12
30	Preparation and Flocculation Property of Cationic Chitosanâ€DADMACâ€Î²â€Cyclodextrin Copolymer. Starch/Staerke, 2021, 73, 2100047.	1.1	6
31	Preparation of chitosan/DADMAC/lignin terpolymer and its application of dye wastewater flocculation. Polymer Bulletin, 2022, 79, 7479-7490.	1.7	6
32	Synthesis of lignosulfonateâ€acrylamideâ€dimethyldiallylammonium chloride copolymer and its flocculation performance. Journal of Applied Polymer Science, 2020, 137, 48560.	1.3	5
33	Lignocelluloseâ€“acrylamideâ€“carboxymethyl cellulose copolymer as a cost-effective anionic flocculant. Iranian Polymer Journal (English Edition), 2022, 31, 587-594.	1.3	3
34	Regenerable Fe3O4-decorated chitosan/carboxymethyl cellulose hollow spheres for adsorption and catalytic degradation of dyes. Cellulose, 2022, 29, 7251-7262.	2.4	2