

Xiao Wang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

159
citations

8
h-index

12
g-index

22
ext. papers

177
ext. citations

2.7
avg, IF

2.51
L-index

#	Paper	IF	Citations
21	Preparation and properties of chitosan/poly(vinyl alcohol) blend foams for copper adsorption. <i>Polymer International</i> , 2006 , 55, 1230-1235	3.3	34
20	Comparison of porous poly (vinyl alcohol)/hydroxyapatite composite cryogels and cryogels immobilized on poly (vinyl alcohol) and polyurethane foams for removal of cadmium. <i>Journal of Hazardous Materials</i> , 2008 , 156, 381-6	12.8	20
19	The effect of multi-walled carbon nanotubes on the molecular orientation of poly(vinyl alcohol) in drawn composite films. <i>Fibers and Polymers</i> , 2006 , 7, 323-327	2	19
18	Cadmium sorption properties of poly(vinyl alcohol)/hydroxyapatite cryogels: I. kinetic and isotherm studies. <i>Journal of Sol-Gel Science and Technology</i> , 2007 , 43, 99-104	2.3	17
17	Cadmium sorption properties of poly(vinyl alcohol)/hydroxyapatite cryogels: II. Effects of operating parameters. <i>Journal of Sol-Gel Science and Technology</i> , 2008 , 45, 17-22	2.3	16
16	Effect of micro-slit plate structure on the sound absorption properties of discarded corn cob husk fiber. <i>Fibers and Polymers</i> , 2015 , 16, 1562-1567	2	13
15	Preparation of Mg(OH) ₂ hybrid pigment by direct precipitation and graft onto cellulose fiber via surface-initiated atom transfer radical polymerization. <i>Applied Surface Science</i> , 2016 , 363, 189-196	6.7	10
14	Research on sound absorption properties of multilayer structural material based on discarded polyester fiber. <i>Journal of the Textile Institute</i> , 2014 , 105, 1009-1013	1.5	8
13	Development of antibacterial ZnO-loaded cotton fabric based on in situ fabrication. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	8
12	Facile Preparation of Flame Retardant Cotton Fabric via Adhesion of Mg(OH) by the Assistance of Ionic Liquid. <i>Polymers</i> , 2020 , 12,	4.5	5
11	Graft and Fixation of Modified Cationic Dye onto Cotton Fiber via ATRP and UV Method. <i>Journal of Fiber Science and Technology</i> , 2017 , 73, 114-121	0.8	4
10	Immobilization of modified hydroxyapatite particles onto PET filter fabric for adsorption property. <i>Journal of Industrial Textiles</i> , 2016 , 46, 88-100	1.6	2
9	Surface Modification of Linen Fabric via UV Induced Grafting to Improve Dyeability and Wearability. <i>Journal of Natural Fibers</i> , 2018 , 15, 474-482	1.8	1
8	Photografting of 2-(dimethylamino)ethyl methacrylate onto cellulosic material for better antibacterial property. <i>Fibers and Polymers</i> , 2014 , 15, 2453-2457	2	1
7	Coloration and Decoloration of Textiles Using a TiO ₂ Composite Pigment. <i>Fibers and Polymers</i> , 2018 , 19, 1420-1427	2	1
6	Construction of biological flame retardant layer on cotton fabric via photografting of nucleotide/amino acid monomers. <i>Cellulose</i> , 2022 , 29, 1205-1218	5.5	0
5	Research on Ecological Dyeing of Silane-Modified Polyester Fabric via Photografting. <i>Journal of Fiber Science and Technology</i> , 2018 , 74, 165-170	0.8	

- 4 Development of New Functional Composites from Onion and Short Natural Fibers. *Journal of Fiber Science and Technology*, **2016**, 72, 61-65 0.8
- 3 Diffusion of single oxidation pond. *Thermal Science*, **2016**, 20, 849-853 1.2
- 2 Influence of Eco-Friendly Surface Pretreatment of Cotton Fabric on Mg(OH)₂ Immobilization for Flame Retardancy. *Journal of Fiber Science and Technology*, **2021**, 77, 196-202 0.8
- 1 Improvement of Flame Retardancy of PET Fabric via UV Induced Grafting of Organic Phosphorus Monomer. *Journal of Fiber Science and Technology*, **2016**, 72, 200-205 0.8