Xiao Wang

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/4998211/xiao-wang-publications-by-year.pdf
Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	Construction of biological flame retardant layer on cotton fabric via photografting of nucleotide/amino acid monomers. *Cellulose*, **2022**, 29, 1205-1218	5.5	0
20	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	
19	Facile Preparation of Flame Retardant Cotton Fabric via Adhesion of Mg(OH) by the Assistance of Ionic Liquid. *Polymers*, **2020**, 12,	4.5	5
18	Surface Modification of Linen Fabric via UV Induced Grafting to Improve Dyeability and Wearability. *Journal of Natural Fibers*, **2018**, 15, 474-482	1.8	1
17	Research on Ecological Dyeing of Silane-Modified Polyester Fabric via Photografting. *Journal of Fiber Science and Technology*, **2018**, 74, 165-170	0.8	
16	Coloration and Decoloration of Textiles Using a TiO2 Composite Pigment. *Fibers and Polymers*, **2018** , 19, 1420-1427	2	1
15	Graft and Fixation of Modified Cationic Dye onto Cotton Fiber via ATRP and UV Method. *Journal of Fiber Science and Technology*, **2017**, 73, 114-121	0.8	4
14	Preparation of Mg(OH)2 hybrid pigment by direct precipitation and graft onto cellulose fiber via surface-initiated atom transfer radical polymerization. *Applied Surface Science*, **2016**, 363, 189-196	6.7	10
13	Immobilization of modified hydroxyapatite particles onto PET filter fabric for adsorption property. *Journal of Industrial Textiles*, **2016**, 46, 88-100	1.6	2
12	Development of New Functional Composites from Onion and Short Natural Fibers. *Journal of Fiber Science and Technology*, **2016**, 72, 61-65	0.8	
11	Diffusion of single oxidation pond. *Thermal Science*, **2016**, 20, 849-853	1.2	
10	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	
9	Development of antibacterial ZnO-loaded cotton fabric based on in situ fabrication. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	8
8	Effect of micro-slit plate structure on the sound absorption properties of discarded corn cob husk fiber. *Fibers and Polymers*, **2015**, 16, 1562-1567	2	13
7	Research on sound absorption properties of multilayer structural material based on discarded polyester fiber. *Journal of the Textile Institute*, **2014**, 105, 1009-1013	1.5	8
6	Photografting of 2-(dimethylamino)ethyl methacrylate onto cellulosic material for better antibacterial property. *Fibers and Polymers*, **2014**, 15, 2453-2457	2	1
5	Cadmium sorption properties of poly(vinyl alcohol)/hydroxyapatite cryogels: II. Effects of operating parameters. *Journal of Sol-Gel Science and Technology*, **2008**, 45, 17-22	2.3	16

4	Comparison of porous poly (vinyl alcohol)/hydroxyapatite composite cryogels and cryogels immobilized on poly (vinyl alcohol) and polyurethane foams for removal of cadmium. *Journal of Hazardous Materials*, **2008**, 156, 381-6	12.8	20
3	Cadmium sorption properties of poly(vinyl alcohol)/hydroxyapatite cryogels: I. kinetic and isotherm studies. *Journal of Sol-Gel Science and Technology*, **2007**, 43, 99-104	2.3	17
2	The effect of multi-walled carbon nanotubes on the molecular orientation of poly(vinyl alcohol) in drawn composite films. *Fibers and Polymers*, **2006**, 7, 323-327	2	19
1	Preparation and properties of chitosan/poly(vinyl alcohol) blend foams for copper adsorption. *Polymer International*, **2006**, 55, 1230-1235	3.3	34