

Jinsong Shen

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.

28 papers	442 citations	12 h-index	20 g-index
29 ext. papers	516 ext. citations	3.6 avg, IF	3.83 L-index

#	Paper	IF	Citations
28	Immobilization of proteases with a water soluble/insoluble reversible polymer for treatment of wool. <i>Enzyme and Microbial Technology</i> , 2006 , 39, 634-640	3.8	93
27	Development and industrialisation of enzymatic shrink-resist process based on modified proteases for wool machine washability. <i>Enzyme and Microbial Technology</i> , 2007 , 40, 1656-1661	3.8	73
26	Disulfide bond reconstruction: A novel approach for grafting of thiolated chitosan onto wool. <i>Carbohydrate Polymers</i> , 2019 , 203, 369-377	10.3	44
25	Surface modification of wool with protease extracted polypeptides. <i>Journal of Biotechnology</i> , 2011 , 156, 134-40	3.7	28
24	Covalent bonding of protease to different sized enteric polymers and their potential use in wool processing. <i>Enzyme and Microbial Technology</i> , 2010 , 47, 105-111	3.8	22
23	Development of durable shrink-resist coating of wool with sol-gel polymer processing. <i>Fibers and Polymers</i> , 2017 , 18, 1769-1779	2	17
22	An ethoxylated alkyl phosphate (anionic surfactant) for the promotion of activities of proteases and its potential use in the enzymatic processing of wool. <i>Biotechnology Letters</i> , 2006 , 28, 717-23	3	16
21	Laccase-catalyzed poly(ethylene glycol)-templated π - π polymerization of caffeic acid for functionalization of wool fabrics. <i>Journal of Cleaner Production</i> , 2018 , 191, 48-56	10.3	15
20	Enzymatic coloration and finishing of wool with laccase and polyethylenimine. <i>Textile Research Journal</i> , 2018 , 88, 1834-1846	1.7	14
19	Laccase-catalyzed polymerization of diaminobenzenesulfonic acid for pH-responsive color-changing and conductive wool fabrics. <i>Textile Research Journal</i> , 2018 , 88, 2258-2266	1.7	14
18	Enzymatic Thiol-Ene Click Reaction: An Eco-Friendly Approach for MPEGMA-Grafted Modification of Wool Fibers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13446-13455	8.3	12
17	Enzymatic treatment of wool pre-treated with cetyltrimethylammonium bromide to achieve machine washability. <i>Biocatalysis and Biotransformation</i> , 2012 , 30, 38-47	2.5	12
16	Selective enzymatic modification of wool/polyester blended fabrics for surface patterning. <i>Journal of Cleaner Production</i> , 2019 , 211, 909-921	10.3	11
15	The removal of lipid from the surface of wool to promote the subsequent enzymatic process with modified protease for wool shrink resistance. <i>Biocatalysis and Biotransformation</i> , 2010 , 28, 329-338	2.5	10
14	Laccase-catalysed coloration of wool and nylon. <i>Coloration Technology</i> , 2018 , 134, 423-439	2	9
13	Enzymatic treatment of wool and silk fibers 2019 , 77-105		8
12	Industrial production of enzyme-modified wool fibers for machine-washable bed coverings. <i>Biotechnology Journal</i> , 2009 , 4, 1441-9	5.6	8

11	The influence of mechanical action on felting shrinkage of wool fabric in the tumble dryer. <i>Textile Reseach Journal</i> , 2020 , 90, 2367-2375	1.7	6
10	Dimensional change of wool fabrics in the process of a tumble-drying cycle. <i>Textile Reseach Journal</i> , 2019 , 89, 4702-4709	1.7	5
9	Chitosan-templated bio-coloration of cotton fabrics via laccase-catalyzed polymerization of hydroquinone. <i>Engineering in Life Sciences</i> , 2019 , 19, 643-654	3.4	5
8	Laccase-catalyzed in-situ dyeing of wool fabric. <i>Journal of the Textile Institute</i> , 2015 , 1-9	1.5	4
7	Laccase-catalyzed polymerization of hydroquinone incorporated with chitosan oligosaccharide for enzymatic coloration of cotton. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 191, 605-622	3.2	4
6	Smart Garment Fabrics to Enable Non-Contact Opto-Physiological Monitoring. <i>Biosensors</i> , 2018 , 8,	5.9	3
5	Development of a bioprocess combined with membrane technology for the treatment and recycling of textile effluent. <i>Coloration Technology</i> , 2005 , 121, 310-314	2	3
4	Innovative Technologies for Sustainable Textile Coloration, Patterning, and Surface Effects. <i>Sustainable Textiles</i> , 2020 , 99-127	1.1	3
3	The Influence of Moisture Content on Shrinkage of Wool Fabrics during Domestic Tumble Drying Process. <i>Fibers and Polymers</i> , 2021 , 22, 559-566	2	3
2	Peroxidase-catalysed coloration of wool fabrics. <i>Coloration Technology</i> , 2021 , 137, 93-107	2	0
1	Investigation of fabric movement in a tumble dryer for the development of drying methods for wool fabrics to save energy. <i>Textile Reseach Journal</i> , 004051752110620	1.7	