

Qingbo Xu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,492
citations

361045

20
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

1576
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial cotton fabric with enhanced durability prepared using silver nanoparticles and carboxymethyl chitosan. <i>Carbohydrate Polymers</i> , 2017, 177, 187-193.	5.1	187
2	ADAMTS-7 Inhibits Re-endothelialization of Injured Arteries and Promotes Vascular Remodeling Through Cleavage of Thrombospondin-1. <i>Circulation</i> , 2015, 131, 1191-1201.	1.6	125
3	Durable antimicrobial cotton textiles modified with inorganic nanoparticles. <i>Cellulose</i> , 2016, 23, 2791-2808.	2.4	118
4	One-pot fabrication of durable antibacterial cotton fabric coated with silver nanoparticles via carboxymethyl chitosan as a binder and stabilizer. <i>Carbohydrate Polymers</i> , 2019, 204, 42-49.	5.1	102
5	Surface modification by carboxymethyl chitosan via pad-dry-cure method for binding Ag NPs onto cotton fabric. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 796-803.	3.6	88
6	Unspliced XBP1 Confers VSMC Homeostasis and Prevents Aortic Aneurysm Formation via FoxO4 Interaction. <i>Circulation Research</i> , 2017, 121, 1331-1345.	2.0	83
7	Enhancing the surface affinity with silver nano-particles for antibacterial cotton fabric by coating carboxymethyl chitosan and L-cysteine. <i>Applied Surface Science</i> , 2019, 497, 143673.	3.1	76
8	Silver-based, single-sided antibacterial cotton fabrics with improved durability via an L-cysteine binding effect. <i>Cellulose</i> , 2018, 25, 2129-2141.	2.4	71
9	Superhydrophobic cotton fabric with excellent healability fabricated by the "grafting to" method using a diblock copolymer mist. <i>Chemical Engineering Journal</i> , 2020, 379, 122401.	6.6	70
10	NSun2 Deficiency Protects Endothelium From Inflammation via mRNA Methylation of ICAM-1. <i>Circulation Research</i> , 2016, 118, 944-956.	2.0	63
11	Durable antibacterial cotton modified by silver nanoparticles and chitosan derivative binder. <i>Fibers and Polymers</i> , 2016, 17, 1782-1789.	1.1	56
12	Shift of Macrophage Phenotype Due to Cartilage Oligomeric Matrix Protein Deficiency Drives Atherosclerotic Calcification. <i>Circulation Research</i> , 2016, 119, 261-276.	2.0	51
13	Preparation of Copper Nanoparticles Coated Cotton Fabrics with Durable Antibacterial Properties. <i>Fibers and Polymers</i> , 2018, 19, 1004-1013.	1.1	43
14	Durable antimicrobial cotton fabric fabricated by carboxymethyl chitosan and quaternary ammonium salts. <i>Cellulose</i> , 2021, 28, 5867.	2.4	40
15	A "grafting through" strategy for constructing Janus cotton fabric by mist polymerization. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24553-24562.	5.2	38
16	Excellent binding effect of L-methionine for immobilizing silver nanoparticles onto cotton fabrics to improve the antibacterial durability against washing. <i>RSC Advances</i> , 2018, 8, 24458-24463.	1.7	36
17	Naturally occurring betaine grafted on cotton fabric for achieving antibacterial and anti-protein adsorption functions. <i>Cellulose</i> , 2020, 27, 6603-6615.	2.4	35
18	Antibacterial cotton fabric with enhanced durability prepared using L-cysteine and silver nanoparticles. <i>Fibers and Polymers</i> , 2017, 18, 2204-2211.	1.1	33

#	ARTICLE	IF	CITATIONS
19	Double Protect Copper Nanoparticles Loaded on L-cysteine Modified Cotton Fabric with Durable Antibacterial Properties. <i>Fibers and Polymers</i> , 2018, 19, 2324-2334.	1.1	27
20	Fabrication of fluorine-free superhydrophobic cotton fabric using fumed silica and diblock copolymer via mist modification. <i>Progress in Organic Coatings</i> , 2020, 148, 105884.	1.9	25
21	Significant Improvement on Polybenzoxazine Toughness Achieved by Amine/Benzoxazine Copolymerization-Induced Phase Separation. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700517.	1.1	21
22	Durable Antibacterial and UV Protective Properties of Cotton Fabric Coated with Carboxymethyl Chitosan and Ag/TiO ₂ Composite Nanoparticles. <i>Fibers and Polymers</i> , 2022, 23, 386-395.	1.1	20
23	Facile Fabrication of Durable Antibacterial Cotton Fabric Realized by Thioglycolic Acid and Silver Nanoparticles. <i>Fibers and Polymers</i> , 2018, 19, 2307-2316.	1.1	15
24	One-pot Modification on Cotton Fabric Using an Emulsion of Ag NPs Protected by Mercaptosuccinic Acid to Achieve Durably Antibacterial Effect. <i>Fibers and Polymers</i> , 2019, 20, 1803-1811.	1.1	15
25	Unexpected hydrophobic to hydrophilic transition of PET fabric treated in a deep eutectic solvent of choline chloride and oxalic acid. <i>Polymer</i> , 2021, 234, 124246.	1.8	14
26	A lipid coating on cotton fibers with enhanced adsorption capability for fabric functionalization. <i>Cellulose</i> , 2021, 28, 5957.	2.4	12
27	The Oligomer Polyacrylic Acid Effect on Immobilization of Silver Nanoparticles onto Cotton Fabric to Achieve a Durably Antibacterial Function. <i>Fibers and Polymers</i> , 2020, 21, 1965-1974.	1.1	6
28	Durably Antibacterial Cotton Fabric Prepared by a Combination of Betaine and Carboxymethyl Chitosan. <i>Fibers and Polymers</i> , 2022, 23, 617-625.	1.1	6
29	Durable antibacterial cotton fabric fabricated using a "self-created" mist polymerization device. <i>International Journal of Biological Macromolecules</i> , 2022, 216, 148-156.	3.6	6
30	Preparation of Durable Superhydrophobic Cotton Fabric for Self-cleaning and Oil-water Separation. <i>Fibers and Polymers</i> , 2022, 23, 1572-1581.	1.1	5
31	Durable Antibacterial and Antifouling Cotton Fabric Fabricated Using a Combination of Grafting Through Method and Mist Polymerization Technology. <i>Fibers and Polymers</i> , 2022, 23, 944-953.	1.1	4
32	Fabrication of Durably Superhydrophobic Cotton Fabrics by Polystyrene Latex Particles and Polydimethylsiloxane via Mist Polymerization Technology. <i>Fibers and Polymers</i> , 2022, 23, 1548-1559.	1.1	1