Man Zhou

List of Publications by Year
in descending order

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42	807	623188	525886
papers	citations	14 h-index	27 g-index

42	42	42	873
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alkali Metal-Assisted Synthesis of Graphite Carbon Nitride with Tunable Band-Gap for Enhanced Visible-Light-Driven Photocatalytic Performance. ACS Sustainable Chemistry and Engineering, 2018, 6, 15503-15516.	3.2	188
2	Chromosomal expression of CadR on Pseudomonas aeruginosa for the removal of Cd(II) from aqueous solutions. Science of the Total Environment, 2018, 636, 1355-1361.	3.9	64
3	Combined effect of nitrogen and oxygen heteroatoms and micropores of porous carbon frameworks from Schiff-base networks on their high supercapacitance. Journal of Materials Chemistry A, 2018, 6, 1621-1629.	5.2	59
4	Developing a Multifunctional Silk Fabric with Dual-Driven Heating and Rapid Photothermal Antibacterial Abilities Using High-Yield MXene Dispersions. ACS Applied Materials & Interfaces, 2021, 13, 43414-43425.	4.0	45
5	Synthesis of zinc sulfide/copper sulfide/porous carbonized cotton nanocomposites for flexible supercapacitor and recyclable photocatalysis with high performance. Journal of Colloid and Interface Science, 2020, 575, 306-316.	5.0	43
6	Metal organic frameworks-derived porous NiCo2S4 nanorods and N-doped carbon for high-performance battery-supercapacitor hybrid device. Journal of Power Sources, 2019, 440, 227146.	4.0	35
7	A facile strategy for the preparation of photothermal silk fibroin aerogels with antibacterial and oil-water separation abilities. Journal of Colloid and Interface Science, 2021, 603, 518-529.	5.0	34
8	Rapid Antibacterial Effects of Silk Fabric Constructed through Enzymatic Grafting of Modified PEI and AgNP Deposition. ACS Applied Materials & Interfaces, 2021, 13, 33505-33515.	4.0	30
9	Construction of a Rapid Photothermal Antibacterial Silk Fabric via QCS-Guided In Situ Deposition of CuSNPs. ACS Sustainable Chemistry and Engineering, 2022, 10, 2192-2203.	3.2	26
10	Sensitive Micro-Breathing Sensing and Highly-Effective Photothermal Antibacterial Cinnamomum camphora Bark Micro-Structural Cotton Fabric via Electrostatic Self-Assembly of MXene/HACC. ACS Applied Materials & Interfaces, 2022, 14, 2132-2145.	4.0	24
11	Enhancement of visible-light-driven photocatalytic performance of BiOBr nanosheets by Co2+ doping. Journal of Materials Science: Materials in Electronics, 2019, 30, 14967-14976.	1.1	23
12	Enabling Online Robust Barcode-Based Visible Light Communication With Realtime Feedback. IEEE Transactions on Wireless Communications, 2018, 17, 8063-8076.	6.1	21
13	Durable hydrophobic and antibacterial textile coating via PDA/AgNPs/ODA in situ assembly. Cellulose, 2022, 29, 1175-1187.	2.4	21
14	Stealing Your Android Patterns via Acoustic Signals. IEEE Transactions on Mobile Computing, 2021, 20, 1656-1671.	3.9	16
15	A Sustainable and Effective Bioprocessing Approach for Improving Anti-felting, Anti-pilling and Dyeing Properties of Wool Fabric. Fibers and Polymers, 2021, 22, 3045-3054.	1.1	16
16	2D g-C3N4/BiOBr heterojunctions with enhanced visible light photocatalytic activity. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	14
17	Efficient Regulation of the Behaviors of Silk Fibroin Hydrogel via Enzyme-Catalyzed Coupling of Hyaluronic Acid. Langmuir, 2021, 37, 478-489.	1.6	14
18	One-pot solvothermal synthesis of lotus-leaf like Ni₇S₆/CoNi₂S₄ hybrid on carbon fabric toward comprehensive high-performance flexible non-enzymatic glucose sensor and supercapacitor. Journal of Materials Chemistry C, 2022, 10, 2988-2997.	2.7	13

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19	Facile preparation of N-doped carbon/FeOx-decorated carbon cloth for flexible symmetric solid-state supercapacitors. Cellulose, 2020, 27, 1591-1601.	2.4	11
20	Fabrication of stretchable PEDOT:PSS coated cotton fabric via LBL electrostatic self-assembly and its UV protection and sensing properties. Cellulose, 2022, 29, 2699-2709.	2.4	11
21	Sustainable production of oxygen-rich hierarchically porous carbon network from corn straw lignin and silk degumming wastewater for high-performance electrochemical energy storage. Renewable Energy, 2022, 191, 141-150.	4.3	11
22	An innovative, low-cost and environment-friendly approach by using a deep eutectic solvent as the water substitute to minimize waste in the textile industry and for better clothing performance. Green Chemistry, 2022, 24, 5904-5917.	4.6	11
23	Thermo-responsive cotton fabric prepared by enzyme-initiated â€œgraft fromâ€•polymerization for moisture/thermal management. Cellulose, 2021, 28, 1795-1808.	2.4	9
24	Photoenzymatic Activity of Artificialâ€“Natural Bienzyme Applied in Biodegradation of Methylene Blue and Accelerating Polymerization of Dopamine. ACS Applied Materials & Interfaces, 2021, 13, 56191-56204.	4.0	9
25	Combined Cutinase and Keratinolytic Enzyme to Endow Improved Shrink-resistance to Wool Fabric. Fibers and Polymers, 2022, 23, 985-992.	1.1	7
26	Chemically and Physically Modified Flame-Retardant Silicone-Acrylic Emulsion Adhesive for Electrostatic Flocking. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4342-4349.	1.9	5
27	Hierarchical Ni(OH)₂/Cu(OH)₂ interwoven nanosheets in situ grown on Niâ€“Cuâ€“P alloy plated cotton fabric for flexible high-performance energy storage. Nanoscale Advances, 2020, 2, 3358-3366.	2.2	5
28	Enzymatic construction of a temperature-regulating fabric with multiple heat-transfer capabilities. Cellulose, 2022, 29, 3513-3528.	2.4	5
29	A New Smart Surface-Enhanced Raman Scattering Sensor Based on pH-Responsive Polyacryloyl Hydrazine Capped Ag Nanoparticles. Nanoscale Research Letters, 2017, 12, 490.	3.1	4
30	Pulse-potential electrochemical fabrication of coaxial-nanostructured polypyrrole/multiwall carbon nanotubes networks on cotton fabrics as stable flexible supercapacitor electrodes with high areal capacitance. Cellulose, 2019, 26, 4071-4084.	2.4	4
31	An eco-friendly approach to low-temperature and near-neutral bleaching of cotton knitted fabrics using glycerol triacetate as an activator. Cellulose, 2021, 28, 8129-8138.	2.4	4
32	pH Mediated L-cysteine Aqueous Solution for Wool Reduction and Urea-Free Keratin Extraction. Journal of Polymers and the Environment, 2022, 30, 2714-2726.	2.4	4
33	Can Thiourea Dioxide Regenerate Keratin from Waste Wool?. Journal of Natural Fibers, 2022, 19, 5991-5999.	1.7	3
34	Comparative Study of Water-soluble and Non-water-soluble Wool Keratin from Ionic Liquid Analogue. Fibers and Polymers, 2021, 22, 2965-2971.	1.1	3
35	Enhancing dye adsorption of wool by controlled and facile surface modification using sodium bisulphite. Coloration Technology, 2022, 138, 82-89.	0.7	3
36	Thiol-Based Ionic Liquid: An Efficient Approach for Improving Hydrophilic Performance of Wool. Journal of Natural Fibers, 2022, 19, 9729-9740.	1.7	3

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37	Thiourea dioxide-mediated surface functionalization: A novel strategy for anti-felting and dyeability improvement of wool. Journal of the Textile Institute, 2022, 113, 2491-2501.	1.0	3
38	Design and preparation of mixed special wettability fabrics based on backed weave for separation of light oil/water/heavy oil mixtures. Journal of Industrial Textiles, 2022, 51, 1312-1329.	1.1	2
39	Poly(3,4-ethylenedioxythiophene)-Coated Conductive Polyester Non-woven Fabric Prepared by Enzymatic Polymerization. Fibers and Polymers, 0, , .	1.1	2
40	Enhancing surface performance of wool using reduced ionic liquid. Journal of the Textile Institute, 2022, 113, 983-992.	1.0	1
41	Enzymatic synthesis of sodium alginateâ€gâ€poly (acrylic acid) grafting copolymers as a novel printing thickener. Coloration Technology, 2022, 138, 278-290.	0.7	1
42	The Absorption Accelerating Behavior of Surface Modified Wool: Mechanism, Isotherm, Kinetic, and Thermodynamic Studies. Journal of Natural Fibers, 0, , 1-12.	1.7	0