

Man Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8789567/publications.pdf>

Version: 2024-02-01

42
papers

807
citations

623188

14
h-index

525886

27
g-index

42
all docs

42
docs citations

42
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and preparation of mixed special wettability fabrics based on backed weave for separation of light oil/water/heavy oil mixtures. <i>Journal of Industrial Textiles</i> , 2022, 51, 1312-1329.	1.1	2
2	Can Thiourea Dioxide Regenerate Keratin from Waste Wool?. <i>Journal of Natural Fibers</i> , 2022, 19, 5991-5999.	1.7	3
3	Enhancing surface performance of wool using reduced ionic liquid. <i>Journal of the Textile Institute</i> , 2022, 113, 983-992.	1.0	1
4	Enhancing dye adsorption of wool by controlled and facile surface modification using sodium bisulphite. <i>Coloration Technology</i> , 2022, 138, 82-89.	0.7	3
5	Thiol-Based Ionic Liquid: An Efficient Approach for Improving Hydrophilic Performance of Wool. <i>Journal of Natural Fibers</i> , 2022, 19, 9729-9740.	1.7	3
6	Thiourea dioxide-mediated surface functionalization: A novel strategy for anti-felting and dyeability improvement of wool. <i>Journal of the Textile Institute</i> , 2022, 113, 2491-2501.	1.0	3
7	Durable hydrophobic and antibacterial textile coating via PDA/AgNPs/ODA in situ assembly. <i>Cellulose</i> , 2022, 29, 1175-1187.	2.4	21
8	Construction of a Rapid Photothermal Antibacterial Silk Fabric via QCS-Guided <i>In Situ</i> Deposition of CuSNPs. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2192-2203.	3.2	26
9	One-pot solvothermal synthesis of lotus-leaf like Ni ₇ S ₆ /CoNi ₂ S ₄ hybrid on carbon fabric toward comprehensive high-performance flexible non-enzymatic glucose sensor and supercapacitor. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2988-2997.	2.7	13
10	Fabrication of stretchable PEDOT:PSS coated cotton fabric via LBL electrostatic self-assembly and its UV protection and sensing properties. <i>Cellulose</i> , 2022, 29, 2699-2709.	2.4	11
11	pH Mediated L-cysteine Aqueous Solution for Wool Reduction and Urea-Free Keratin Extraction. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2714-2726.	2.4	4
12	Sensitive Micro-Breathing Sensing and Highly-Effective Photothermal Antibacterial <i>Cinnamomum camphora</i> Bark Micro-Structural Cotton Fabric via Electrostatic Self-Assembly of MXene/HACC. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2132-2145.	4.0	24
13	Enzymatic construction of a temperature-regulating fabric with multiple heat-transfer capabilities. <i>Cellulose</i> , 2022, 29, 3513-3528.	2.4	5
14	Enzymatic synthesis of sodium alginate- <i>ε</i> -Capo (acrylic acid) grafting copolymers as a novel printing thickener. <i>Coloration Technology</i> , 2022, 138, 278-290.	0.7	1
15	Sustainable production of oxygen-rich hierarchically porous carbon network from corn straw lignin and silk degumming wastewater for high-performance electrochemical energy storage. <i>Renewable Energy</i> , 2022, 191, 141-150.	4.3	11
16	Combined Cutinase and Keratinolytic Enzyme to Endow Improved Shrink-resistance to Wool Fabric. <i>Fibers and Polymers</i> , 2022, 23, 985-992.	1.1	7
17	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. <i>Green Chemistry</i> , 2022, 24, 5904-5917.	4.6	11
18	Stealing Your Android Patterns via Acoustic Signals. <i>IEEE Transactions on Mobile Computing</i> , 2021, 20, 1656-1671.	3.9	16

#	ARTICLE	IF	CITATIONS
19	Thermo-responsive cotton fabric prepared by enzyme-initiated "graft from" polymerization for moisture/thermal management. <i>Cellulose</i> , 2021, 28, 1795-1808.	2.4	9
20	A Sustainable and Effective Bioprocessing Approach for Improving Anti-felting, Anti-pilling and Dyeing Properties of Wool Fabric. <i>Fibers and Polymers</i> , 2021, 22, 3045-3054.	1.1	16
21	Comparative Study of Water-soluble and Non-water-soluble Wool Keratin from Ionic Liquid Analogue. <i>Fibers and Polymers</i> , 2021, 22, 2965-2971.	1.1	3
22	An eco-friendly approach to low-temperature and near-neutral bleaching of cotton knitted fabrics using glycerol triacetate as an activator. <i>Cellulose</i> , 2021, 28, 8129-8138.	2.4	4
23	Rapid Antibacterial Effects of Silk Fabric Constructed through Enzymatic Grafting of Modified PEI and AgNP Deposition. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33505-33515.	4.0	30
24	Developing a Multifunctional Silk Fabric with Dual-Driven Heating and Rapid Photothermal Antibacterial Abilities Using High-Yield MXene Dispersions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43414-43425.	4.0	45
25	A facile strategy for the preparation of photothermal silk fibroin aerogels with antibacterial and oil-water separation abilities. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 518-529.	5.0	34
26	Efficient Regulation of the Behaviors of Silk Fibroin Hydrogel via Enzyme-Catalyzed Coupling of Hyaluronic Acid. <i>Langmuir</i> , 2021, 37, 478-489.	1.6	14
27	Photoenzymatic Activity of Artificial "Natural Bionzyme Applied in Biodegradation of Methylene Blue and Accelerating Polymerization of Dopamine. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56191-56204.	4.0	9
28	Facile preparation of N-doped carbon/FeOx-decorated carbon cloth for flexible symmetric solid-state supercapacitors. <i>Cellulose</i> , 2020, 27, 1591-1601.	2.4	11
29	Chemically and Physically Modified Flame-Retardant Silicone-Acrylic Emulsion Adhesive for Electrostatic Flocking. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4342-4349.	1.9	5
30	Synthesis of zinc sulfide/copper sulfide/porous carbonized cotton nanocomposites for flexible supercapacitor and recyclable photocatalysis with high performance. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 306-316.	5.0	43
31	Hierarchical Ni(OH) ₂ /Cu(OH) ₂ interwoven nanosheets <i>in situ</i> grown on Ni-Cu-P alloy plated cotton fabric for flexible high-performance energy storage. <i>Nanoscale Advances</i> , 2020, 2, 3358-3366.	2.2	5
32	2D g-C ₃ N ₄ /BiOBr heterojunctions with enhanced visible light photocatalytic activity. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	14
33	Enhancement of visible-light-driven photocatalytic performance of BiOBr nanosheets by Co ²⁺ doping. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 14967-14976.	1.1	23
34	Metal organic frameworks-derived porous NiCo ₂ S ₄ nanorods and N-doped carbon for high-performance battery-supercapacitor hybrid device. <i>Journal of Power Sources</i> , 2019, 440, 227146.	4.0	35
35	Pulse-potential electrochemical fabrication of coaxial-nanostructured polypyrrole/multiwall carbon nanotubes networks on cotton fabrics as stable flexible supercapacitor electrodes with high areal capacitance. <i>Cellulose</i> , 2019, 26, 4071-4084.	2.4	4
36	Combined effect of nitrogen and oxygen heteroatoms and micropores of porous carbon frameworks from Schiff-base networks on their high supercapacitance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1621-1629.	5.2	59

#	ARTICLE	IF	CITATIONS
37	Alkali Metal-Assisted Synthesis of Graphite Carbon Nitride with Tunable Band-Gap for Enhanced Visible-Light-Driven Photocatalytic Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15503-15516.	3.2	188
38	Enabling Online Robust Barcode-Based Visible Light Communication With Realtime Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2018, 17, 8063-8076.	6.1	21
39	Chromosomal expression of CadR on <i>Pseudomonas aeruginosa</i> for the removal of Cd(II) from aqueous solutions. <i>Science of the Total Environment</i> , 2018, 636, 1355-1361.	3.9	64
40	A New Smart Surface-Enhanced Raman Scattering Sensor Based on pH-Responsive Polyacryloyl Hydrazine Capped Ag Nanoparticles. <i>Nanoscale Research Letters</i> , 2017, 12, 490.	3.1	4
41	The Absorption Accelerating Behavior of Surface Modified Wool: Mechanism, Isotherm, Kinetic, and Thermodynamic Studies. <i>Journal of Natural Fibers</i> , 0, , 1-12.	1.7	0
42	Poly(3,4-ethylenedioxythiophene)-Coated Conductive Polyester Non-woven Fabric Prepared by Enzymatic Polymerization. <i>Fibers and Polymers</i> , 0, , .	1.1	2