

Ming Zhang

List of Publications by Year in descending order

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31
papers

1,810
citations

331670
21
h-index

434195
31
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31
all docs

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docs citations

31
times ranked

2197
citing authors

#	ARTICLE	IF	CITATIONS
1	A direct one-step synthesis of ultrathin g-C ₃ N ₄ nanosheets from thiourea for boosting solar photocatalytic H ₂ evolution. International Journal of Hydrogen Energy, 2019, 44, 7194-7204.	7.1	164
2	Fabrication of superhydrophobic wood surface by a sol-gel process. Applied Surface Science, 2011, 258, 806-810.	6.1	163
3	A meta-analysis of oxidative stress markers in schizophrenia. Science China Life Sciences, 2010, 53, 112-124.	4.9	146
4	Fabrication of superhydrophobic cotton textiles for water-oil separation based on drop-coating route. Carbohydrate Polymers, 2013, 97, 59-64.	10.2	137
5	Fabrication of coral-like superhydrophobic coating on filter paper for water-oil separation. Applied Surface Science, 2012, 261, 764-769.	6.1	123
6	Superhydrophobic coating on fiberglass cloth for selective removal of oil from water. Chemical Engineering Journal, 2015, 262, 210-216.	12.7	121
7	Improvement of mechanical robustness of the superhydrophobic wood surface by coating PVA/SiO ₂ composite polymer. Applied Surface Science, 2013, 280, 686-692.	6.1	96
8	A facile method to fabricate superhydrophobic cotton fabrics. Applied Surface Science, 2012, 261, 561-566.	6.1	89
9	Facile Design and Fabrication of Superwetting Surfaces with Excellent Wear-Resistance. ACS Applied Materials & Interfaces, 2017, 9, 15776-15784.	8.0	71
10	Fabrication of cotton fabric with superhydrophobicity and flame retardancy. Carbohydrate Polymers, 2013, 96, 396-402.	10.2	68
11	Coherent-Interface-Assembled Ag ₂ O-Anchored Nanofibrillated Cellulose Porous Aerogels for Radioactive Iodine Capture. ACS Applied Materials & Interfaces, 2016, 8, 29179-29185.	8.0	68
12	Fabrication of TiO ₂ /EP super-hydrophobic thin film on filter paper surface. Carbohydrate Polymers, 2015, 128, 24-31.	10.2	67
13	Fabrication of superhydrophobic spherical-like FeOOH films on the wood surface by a hydrothermal method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 403, 29-34.	4.7	65
14	Antimicrobial cotton textiles with robust superhydrophobicity via plasma for oily water separation. Applied Surface Science, 2017, 419, 16-23.	6.1	64
15	One-step synthesis of unique silica particles for the fabrication of bionic and stably superhydrophobic coatings on wood surface. Advanced Powder Technology, 2014, 25, 530-535.	4.1	55
16	Novel superhydrophobic and superoleophilic sawdust as a selective oil sorbent for oil spill cleanup. Chemical Engineering Research and Design, 2015, 102, 34-41.	5.6	54
17	Improvement of chemical stability and durability of superhydrophobic wood surface via a film of TiO ₂ -coated CaCO ₃ micro-/nano-composite particles. RSC Advances, 2015, 5, 63978-63984.	3.6	46
18	Superhydrophobic cotton textile with robust composite film and flame retardancy. RSC Advances, 2015, 5, 67780-67786.	3.6	41

#	ARTICLE	IF	CITATIONS
19	Preparation and characterization of cotton fabric with potential use in UV resistance and oil reclaim. Carbohydrate Polymers, 2016, 137, 264-270.	10.2	29
20	Facile and rapid separation of oil from emulsions by hydrophobic and lipophilic Fe ₃ O ₄ /sawdust composites. Chemical Engineering Research and Design, 2018, 129, 102-110.	5.6	22
21	Triple-functional lignocellulose/chitosan/Ag@TiO ₂ nanocomposite membrane for simultaneous sterilization, oil/water emulsion separation, and organic pollutant removal. Journal of Environmental Chemical Engineering, 2021, 9, 106728.	6.7	21
22	Fabrication of Janus cellulose nanocomposite membrane for various water/oil separation and selective one-way transmission. Journal of Environmental Chemical Engineering, 2021, 9, 106016.	6.7	20
23	Fabrication of superwetting, antimicrobial and conductive fibrous membranes for removing/collecting oil contaminants. RSC Advances, 2020, 10, 21636-21642.	3.6	17
24	Cu thin films on wood surface for robust superhydrophobicity by magnetron sputtering treatment with perfluorocarboxylic acid. European Journal of Wood and Wood Products, 2019, 77, 115-123.	2.9	14
25	Proteome alterations of cortex and hippocampus tissues in mice subjected to vitamin A depletion. Journal of Nutritional Biochemistry, 2011, 22, 1003-1008.	4.2	12
26	Ag@TiO ₂ NPs/PU composite fabric with special wettability for separating various water-oil emulsions. RSC Advances, 2020, 10, 35341-35348.	3.6	9
27	Genetic diversity and differentiation of the Dybowski's frog (<i>Rana dybowskii</i>) in Northeast China. Journal of Forestry Research, 2010, 21, 239-245.	3.6	8
28	Stimulus-Responsive Smart Foam with Dual Wettability for Transfer and Controllable Release of Carbon Tetrachloride. Advanced Materials Interfaces, 2016, 3, 1600100.	3.7	8
29	Improvement of wood properties by composite of diatomite and α -phenol-melamine-formaldehyde co-condensed resin. Journal of Forestry Research, 2013, 24, 741-746.	3.6	6
30	Vitamin A depletion alters sensitivity of motor behavior to MK-801 in C57BL/6J mice. Behavioral and Brain Functions, 2010, 6, 7.	3.3	5
31	Effects of anthropogenic intermixing on the genetic structure of Dybowski's frog populations in northeast China. Journal of Wildlife Management, 2013, 77, 555-566.	1.8	1