

Ming Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1808082/publications.pdf>

Version: 2024-02-01

31
papers

1,810
citations

331670

21
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

2197
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of Janus cellulose nanocomposite membrane for various water/oil separation and selective one-way transmission. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106016.	6.7	20
2	Triple-functional lignocellulose/chitosan/Ag@TiO ₂ nanocomposite membrane for simultaneous sterilization, oil/water emulsion separation, and organic pollutant removal. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106728.	6.7	21
3	Ag@TiO ₂ NPs/PU composite fabric with special wettability for separating various water-oil emulsions. <i>RSC Advances</i> , 2020, 10, 35341-35348.	3.6	9
4	Fabrication of superwetting, antimicrobial and conductive fibrous membranes for removing/collecting oil contaminants. <i>RSC Advances</i> , 2020, 10, 21636-21642.	3.6	17
5	A direct one-step synthesis of ultrathin g-C ₃ N ₄ nanosheets from thiourea for boosting solar photocatalytic H ₂ evolution. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 7194-7204.	7.1	164
6	Cu thin films on wood surface for robust superhydrophobicity by magnetron sputtering treatment with perfluorocarboxylic acid. <i>European Journal of Wood and Wood Products</i> , 2019, 77, 115-123.	2.9	14
7	Facile and rapid separation of oil from emulsions by hydrophobic and lipophilic Fe ₃ O ₄ /sawdust composites. <i>Chemical Engineering Research and Design</i> , 2018, 129, 102-110.	5.6	22
8	Facile Design and Fabrication of Superwetting Surfaces with Excellent Wear-Resistance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15776-15784.	8.0	71
9	Antimicrobial cotton textiles with robust superhydrophobicity via plasma for oily water separation. <i>Applied Surface Science</i> , 2017, 419, 16-23.	6.1	64
10	Stimulus-Responsive Smart Foam with Dual Wettability for Transfer and Controllable Release of Carbon Tetrachloride. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600100.	3.7	8
11	Coherent-Interface-Assembled Ag ₂ O-Anchored Nanofibrillated Cellulose Porous Aerogels for Radioactive Iodine Capture. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29179-29185.	8.0	68
12	Preparation and characterization of cotton fabric with potential use in UV resistance and oil reclaim. <i>Carbohydrate Polymers</i> , 2016, 137, 264-270.	10.2	29
13	Improvement of chemical stability and durability of superhydrophobic wood surface via a film of TiO ₂ coated CaCO ₃ micro-/nano-composite particles. <i>RSC Advances</i> , 2015, 5, 63978-63984.	3.6	46
14	Novel superhydrophobic and superoleophilic sawdust as a selective oil sorbent for oil spill cleanup. <i>Chemical Engineering Research and Design</i> , 2015, 102, 34-41.	5.6	54
15	Fabrication of TiO ₂ /EP super-hydrophobic thin film on filter paper surface. <i>Carbohydrate Polymers</i> , 2015, 128, 24-31.	10.2	67
16	Superhydrophobic cotton textile with robust composite film and flame retardancy. <i>RSC Advances</i> , 2015, 5, 67780-67786.	3.6	41
17	Superhydrophobic coating on fiberglass cloth for selective removal of oil from water. <i>Chemical Engineering Journal</i> , 2015, 262, 210-216.	12.7	121
18	One-step synthesis of unique silica particles for the fabrication of bionic and stably superhydrophobic coatings on wood surface. <i>Advanced Powder Technology</i> , 2014, 25, 530-535.	4.1	55

#	ARTICLE	IF	CITATIONS
19	Fabrication of cotton fabric with superhydrophobicity and flame retardancy. Carbohydrate Polymers, 2013, 96, 396-402.	10.2	68
20	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
21	Fabrication of superhydrophobic cotton textiles for water-oil separation based on drop-coating route. Carbohydrate Polymers, 2013, 97, 59-64.	10.2	137
22	Improvement of wood properties by composite of diatomite and 2,4-diphenol-melamine-formaldehyde co-condensed resin. Journal of Forestry Research, 2013, 24, 741-746.	3.6	6
23	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
24	A facile method to fabricate superhydrophobic cotton fabrics. Applied Surface Science, 2012, 261, 561-566.	6.1	89
25	Fabrication of coral-like superhydrophobic coating on filter paper for water-oil separation. Applied Surface Science, 2012, 261, 764-769.	6.1	123
26	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
27	Fabrication of superhydrophobic wood surface by a sol-gel process. Applied Surface Science, 2011, 258, 806-810.	6.1	163
28	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
29	A meta-analysis of oxidative stress markers in schizophrenia. Science China Life Sciences, 2010, 53, 112-124.	4.9	146
30	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
31	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