

Miaomiao Ye

List of Publications by Citations

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50
papers

1,991
citations

22
h-index

44
g-index

51
ext. papers

2,284
ext. citations

7.6
avg, IF

4.78
L-index

#	Paper	IF	Citations
50	Magnetically recoverable core-shell nanocomposites with enhanced photocatalytic activity. <i>Chemistry - A European Journal</i> , 2010 , 16, 6243-50	4.8	285
49	Synthesis of Black TiO _x Nanoparticles by Mg Reduction of TiO ₂ Nanocrystals and their Application for Solar Water Evaporation. <i>Advanced Energy Materials</i> , 2017 , 7, 1601811	21.8	246
48	Electron-beam-assisted superplastic shaping of nanoscale amorphous silica. <i>Nature Communications</i> , 2010 , 1, 24	17.4	244
47	Self-assembly and photocatalysis of mesoporous TiO ₂ nanocrystal clusters. <i>Nano Research</i> , 2011 , 4, 103-114	10.4	126
46	Self-assembled TiO ₂ nanocrystal clusters for selective enrichment of intact phosphorylated proteins. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1862-6	16.4	119
45	Nanocrystalline TiO ₂ -catalyzed photoreversible color switching. <i>Nano Letters</i> , 2014 , 14, 1681-6	11.5	71
44	Magnetically recyclable self-assembled thin films for highly efficient water evaporation by interfacial solar heating. <i>RSC Advances</i> , 2017 , 7, 19849-19855	3.7	67
43	Hydrothermal synthesis of TiO ₂ hollow microspheres for the photocatalytic degradation of 4-chloronitrobenzene. <i>Journal of Hazardous Materials</i> , 2010 , 184, 612-619	12.8	67
42	A bifunctional MoS ₂ -based solar evaporator for both efficient water evaporation and clean freshwater collection. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 11177-11185	13	63
41	Ozone enhanced activity of aqueous titanium dioxide suspensions for photodegradation of 4-chloronitrobenzene. <i>Journal of Hazardous Materials</i> , 2009 , 167, 1021-7	12.8	61
40	The role of adsorption in photocatalytic degradation of ibuprofen under visible light irradiation by BiOBr microspheres. <i>Chemical Engineering Journal</i> , 2016 , 297, 139-147	14.7	54
39	Preparation of SiO ₂ @Au@TiO ₂ core-shell nanostructures and their photocatalytic activities under visible light irradiation. <i>Chemical Engineering Journal</i> , 2013 , 226, 209-216	14.7	52
38	Self-assembly of superparamagnetic magnetite particles into peapod-like structures and their application in optical modulation. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7965		52
37	Trichloroacetic acid reduction by an advanced reduction process based on carboxyl anion radical. <i>Chemical Engineering Journal</i> , 2016 , 303, 56-63	14.7	47
36	Interfacial solar heating by self-assembled Fe ₃ O ₄ @C film for steam generation. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 2620-2626	7.8	44
35	Heterogeneous oxidation of naproxen in the presence of MnO ₂ nanostructures with different morphologies. <i>Applied Catalysis B: Environmental</i> , 2012 , 127, 182-189	21.8	42
34	Simple, Low-Dose, Durable, and Carbon-Nanotube-Based Floating Solar Still for Efficient Desalination and Purification. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3925-3932	8.3	41

33	Degradation and detoxification of microcystin-LR in drinking water by sequential use of UV and ozone. <i>Journal of Environmental Sciences</i> , 2010 , 22, 1897-902	6.4	32
32	Water Delivery Channel Design in Solar Evaporator for Efficient and Durable Water Evaporation with Salt Rejection. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7753-7761	8.3	28
31	Hydrogel microcapsules with photocatalytic nanoparticles for removal of organic pollutants. <i>Environmental Science: Nano</i> , 2020 , 7, 656-664	7.1	27
30	Self-Assembled TiO ₂ Nanocrystal Clusters for Selective Enrichment of Intact Phosphorylated Proteins. <i>Angewandte Chemie</i> , 2010 , 122, 1906-1910	3.6	26
29	Mesoporous titanate-based cation exchanger for efficient removal of metal cations. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 5097	13	24
28	Fabrication of a cross-linked supramolecular polymer on the basis of cucurbit[8]uril-based host-guest recognition with tunable AIE behaviors. <i>Polymer Chemistry</i> , 2016 , 7, 3669-3673	4.9	21
27	The adsorption of Sb(III) in aqueous solution by Fe ₂ O ₃ -modified carbon nanotubes. <i>Water Science and Technology</i> , 2013 , 68, 658-64	2.2	20
26	Adsorption behavior and mechanism of ibuprofen onto BiOCl microspheres with exposed {001} facets. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 9556-9565	5.1	17
25	Efficient Degradation of Aqueous Carbamazepine by Bismuth Oxybromide-Activated Peroxide Oxidation. <i>Catalysts</i> , 2017 , 7, 315	4	14
24	Large-scale synthesis and characterization of fan-shaped rutile TiO ₂ nanostructures. <i>Materials Letters</i> , 2008 , 62, 3404-3406	3.3	13
23	Interfacial Solar Distillation for Freshwater Production: Fate of Volatile and Semivolatile Organic Contaminants. <i>Environmental Science & Technology</i> , 2021 , 55, 6248-6256	10.3	12
22	Effect of calcination temperature on the catalytic activity of nanosized TiO ₂ for ozonation of trace 4-chloronitrobenzene. <i>Water Science and Technology</i> , 2012 , 66, 479-86	2.2	8
21	Hydrothermal Synthesis of Hydrangea-Like F-Doped Titania Microspheres for the Photocatalytic Degradation of Carbamazepine under UV and Visible Light Irradiation. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-8	3.2	7
20	Dye colour switching by hydride-terminated silicon particles and its application as an oxygen indicator. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 4577-4583	7.1	7
19	Superparamagnetic Magnetite Nanoparticle Superstructures for Optical Modulation/Chopping. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 17868-17873	3.8	6
18	A salt-rejecting solar evaporator for continuous steam generation. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105010	6.8	5
17	Formation of odorant haloanisoles and variation of microorganisms during microbial O-methylation in annular reactors equipped with different coupon materials. <i>Science of the Total Environment</i> , 2019 , 679, 1-11	10.2	4
16	A carbon black floating film for seawater desalination based on interfacial solar heating. <i>Water Science and Technology: Water Supply</i> , 2019 , 19, 1938-1944	1.4	4

15	Template-free hydrothermal synthesis of macroporous TiO ₂ microspheres on a large scale. <i>Materials Letters</i> , 2011 , 65, 2384-2387	3.3	4
14	Impact of Orifice-to-Pipe Diameter Ratio on Leakage Flow: An Experimental Study. <i>Water (Switzerland)</i> , 2019 , 11, 2189	3	4
13	g-CN/MoS based floating solar still for clean water production by thermal/light activation of persulfate. <i>Chemosphere</i> , 2021 , 280, 130618	8.4	4
12	Experimentally Determined Solute Mixing under Laminar and Transitional Flows at Junctions in Water Distribution Systems. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-10	1.3	3
11	Heterogeneous oxidation of diclofenac in the presence of MnO ₂ nanorods: influence of operating factors and mechanism. <i>Water Science and Technology</i> , 2015 , 71, 1340-6	2.2	3
10	Enhanced adsorption of norfloxacin on modified TiO ₂ particles prepared via surface molecular imprinting technique. <i>Desalination and Water Treatment</i> , 2015 , 1-11		3
9	Mesoporous Na+SiO ₂ spheres for efficient removal of Cr ³⁺ from aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 1774-1782	6.8	3
8	Photodegradation of 4-chloronitrobenzene in the presence of aqueous titania suspensions in different gas atmospheres. <i>Water Science and Technology</i> , 2011 , 64, 1466-72	2.2	3
7	Removal of Typical Volatile Organic Compounds in Condensed Freshwater by Activated Persulfate during Interfacial Solar Distillation. <i>ACS ES&T Water</i> ,		2
6	Effect of key parameters on the morphology transformation of three-dimensional TiO ₂ solid microspheres. <i>Materials Letters</i> , 2011 , 65, 363-366	3.3	1
5	Inhibition of typical phenolic compounds entering into condensed freshwater by surfactants during solar-driven seawater distillation.. <i>Science of the Total Environment</i> , 2022 , 815, 152694	10.2	1
4	Hydrophobic lithiated titania floating film for efficient solar-driven water evaporation. <i>Water Science and Technology: Water Supply</i> , 2020 , 20, 478-486	1.4	1
3	Design of magnetic nanoparticles with high magnetic separation efficiencies and durability for Cu adsorption. <i>Nanotechnology</i> , 2019 , 31, 085710	3.4	1
2	Ti ₃ C ₂ /PVDF membrane for efficient seawater desalination based on interfacial solar heating. <i>Water Science and Technology: Water Supply</i> , 2021 , 21, 918-926	1.4	1
1	MoS boosts the Fe/PMS process for carbamazepine degradation.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0