Jing Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60 papers	3,105 citations	29 h-index	55 g-index
60 ext. papers	3,496 ext. citations	7.6 avg, IF	5.5 L-index

#	Paper	IF	Citations
60	Methodology for robust superhydrophobic fabrics and sponges from in situ growth of transition metal/metal oxide nanocrystals with thiol modification and their applications in oil/water separation. *ACS Applied Materials & Interfaces*, **2013**, 5, 1827-39	9.5	225
59	Stable superhydrophobic coatings from thiol-ligand nanocrystals and their application in oil/water separation. *Journal of Materials Chemistry*, **2012**, 22, 9774		210
58	Underwater superoleophobic graphene oxide coated meshes for the separation of oil and water. *Chemical Communications*, **2014**, 50, 5586-9	5.8	209
57	Hybrid composites of conductive polyaniline and nanocrystalline titanium oxide prepared via self-assembling and graft polymerization. *Polymer*, **2006**, 47, 7361-7367	3.9	195
56	Inorganic Adhesives for Robust Superwetting Surfaces. *ACS Nano*, **2017**, 11, 1113-1119	16.7	162
55	Recent progress of double-structural and functional materials with special wettability. *Journal of Materials Chemistry*, **2012**, 22, 799-815		161
54	Bioinspired Interfacial Materials with Enhanced Drop Mobility: From Fundamentals to Multifunctional Applications. *Small*, **2016**, 12, 1825-39	11	159
53	Advances in the theory of superhydrophobic surfaces. *Journal of Materials Chemistry*, **2012**, 22, 20112		148
52	Transparent superhydrophobic/superhydrophilic coatings for self-cleaning and anti-fogging. *Applied Physics Letters*, **2012**, 101, 033701	3.4	117
51	Synthesis of molecular imprinted polymer coated photocatalysts with high selectivity. *Chemical Communications*, **2007**, 1163-5	5.8	109
50	Superhydrophobic copper coating: Switchable wettability, on-demand oil-water separation, and antifouling. *Chemical Engineering Journal*, **2017**, 327, 849-854	14.7	104
49	Inorganic adhesives for robust, self-healing, superhydrophobic surfaces. *Journal of Materials Chemistry A*, **2017**, 5, 19297-19305	13	89
48	High-efficiency water collection on biomimetic material with superwettable patterns. *Chemical Communications*, **2016**, 52, 12415-12417	5.8	71
47	Polyaniline coated membranes for effective separation of oil-in-water emulsions. *Journal of Colloid and Interface Science*, **2016**, 467, 261-270	9.3	70
46	Stable Superwetting Meshes for On-Demand Separation of Immiscible Oil/Water Mixtures and Emulsions. *Langmuir*, **2017**, 33, 3702-3710	4	69
45	Transparent slippery liquid-infused nanoparticulate coatings. *Chemical Engineering Journal*, **2018**, 337, 462-470	14.7	67
44	Electrochemical route to prepare polyaniline-coated meshes with controllable pore size for switchable emulsion separation. *Chemical Engineering Journal*, **2016**, 304, 115-120	14.7	59

43	Correlation between One-Directional Helical Growth of Polyaniline and Its Optical Activity. *Journal of Physical Chemistry C*, **2007**, 111, 8383-8388	3.8	53
42	Underoil superhydrophilic surfaces: water adsorption in metal□organic frameworks. *Journal of Materials Chemistry A*, **2018**, 6, 1692-1699	13	50
41	Photochemical removal of aniline in aqueous solutions: switching from photocatalytic degradation to photo-enhanced polymerization recovery. *Journal of Hazardous Materials*, **2010**, 175, 977-84	12.8	48
40	Graphene oxide□iron complex: synthesis, characterization and visible-light-driven photocatalysis. *Journal of Materials Chemistry A*, **2013**, 1, 644-650	13	46
39	A New Strategy for the Synthesis of Polyaniline Nanostructures: From Nanofibers to Nanowires. *Macromolecular Rapid Communications*, **2007**, 28, 740-745	4.8	44
38	Dual superlyophobic surfaces with superhydrophobicity and underwater superoleophobicity. *Journal of Materials Chemistry A*, **2018**, 6, 11682-11687	13	42
37	An all-water-based system for robust superhydrophobic surfaces. *Journal of Colloid and Interface Science*, **2018**, 519, 130-136	9.3	38
36	Stable underwater superoleophobic conductive polymer coated meshes for high-efficiency oil□water separation. *RSC Advances*, **2015**, 5, 33077-33082	3.7	35
35	Antioxidant activity of polyaniline nanofibers. *Chinese Chemical Letters*, **2007**, 18, 1005-1008	8.1	32
34	Highly photocatalytic activity of metallic hydroxide/titanium dioxide nanoparticles prepared via a modified wet precipitation process. *Journal of Photochemistry and Photobiology A: Chemistry*, **2008**, 198, 282-287	4.7	32
33	Iron impurities as the active sites for peroxidase-like catalytic reaction on graphene and its derivatives. *ACS Applied Materials & Interfaces*, **2015**, 7, 15403-13	9.5	31
32	Thermo-responsive hollow silica microgels with controlled drug release properties. *Colloids and Surfaces B: Biointerfaces*, **2013**, 111, 7-14	6	30
31	One-step fabrication of superhydrophobic surfaces with different adhesion via laser processing. *Journal of Alloys and Compounds*, **2018**, 739, 489-498	5.7	29
30	Fabrication of functional superhydrophobic engineering materials via an extremely rapid and simple route. *Chemical Communications*, **2015**, 51, 6493-5	5.8	29
29	Robust and self-repairing superamphiphobic coating from all-water-based spray. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 553, 645-651	5.1	27
28	Efficient Fog Harvesting Based on 1D Copper Wire Inspired by the Plant Pitaya. *Langmuir*, **2018**, 34, 15259-15267	4	26
27	Facile Fabrication of Superhydrophobic and Underwater Superoleophobic Coatings. *ACS Applied Nano Materials*, **2018**, 1, 4894-4899	5.6	25
26	Design and understanding of a high-performance gas sensing material based on copper oxide nanowires exfoliated from a copper mesh substrate. *Journal of Materials Chemistry A*, **2015**, 3, 20477-20481	13	24

25	Organic Media Superwettability: On-Demand Liquid Separation by Controlling Surface Chemistry. *ACS Applied Materials & Interfaces*, **2018**, 10, 37634-37642	9.5	24
24	Conductive and transparent superhydrophobic films on various substrates by in situ deposition. *Applied Physics Letters*, **2013**, 102, 203703	3.4	23
23	Beetle and cactus-inspired surface endows continuous and directional droplet jumping for efficient water harvesting. *Journal of Materials Chemistry A*, **2021**, 9, 1507-1516	13	22
22	Effects of dopants on percolation behaviors and gas sensing characteristics of polyaniline film. *Electrochimica Acta*, **2006**, 52, 723-727	6.7	21
21	Polyaniline Nanofibers: Their Amphiphilicity and Uses for Pickering Emulsions and On-Demand Emulsion Separation. *Langmuir*, **2018**, 34, 2841-2848	4	20
20	Controllable preparation of multiple superantiwetting surfaces: From dual to quadruple superlyophobicity. *Chemical Engineering Journal*, **2019**, 369, 463-469	14.7	17
19	Water deteriorates lubricating oils: removal of water in lubricating oils using a robust superhydrophobic membrane. *Nanoscale*, **2020**, 12, 11703-11710	7.7	15
18	An all superantiwetting surface in water–oil–air systems. *Journal of Materials Chemistry A*, **2019**, 7, 6957-6962	12	12
17	Significant advantages of low-oxygen graphene nanosheets. *Journal of Materials Chemistry A*, **2015**, 3, 9738-9744	13	10
16	Electrochemical preparation of TiO2/SiO2 composite film and its high activity toward the photoelectrocatalytic degradation of methyl orange. *Journal of Applied Electrochemistry*, **2009**, 39, 1745-1753	2.6	10
15	Inspired superhydrophobic surfaces by a double-metal-assisted chemical etching route. *Materials Research Bulletin*, **2012**, 47, 1687-1692	5.1	9
14	A novel route to synthesis of photoluminescent dye/polypyrrole nanoparticles: Effects of intermolecular energy transfer on nucleation and growth of polypyrrole. *Synthetic Metals*, **2008**, 158, 396-399	3.6	9
13	Salt Effects on Crystallization of Titanate and the Tailoring of Its Nanostructures. *Journal of Physical Chemistry C*, **2007**, 111, 16768-16773	3.8	8
12	Simultaneous nitrification and denitrification of hypersaline wastewater by a robust bacterium Halomonas salifodinae from a repeated-batch acclimation. *Bioresource Technology*, **2021**, 341, 125818	11	8
11	Robust Superhydrophobic Membrane for Solving Water-Accelerated Fatigue of ZDDP-Containing Lubricating Oils. *Langmuir*, **2020**, 36, 8560-8569	4	7
10	Unidirectional solute transfer using a Janus membrane. *Journal of Membrane Science*, **2020**, 596, 117723	9.6	7
9	A novel Fe(OH)3/TiO2 nanoparticles and its high photocatalytic activity. *Chinese Chemical Letters*, **2007**, 18, 1261-1264	8.1	6
8	Anisotropic wetting properties of trapezoidal profile surfaces with hierarchical stripes. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 562, 170-178	5.1	5

7	Isolated heterotrophic nitrifying and aerobic denitrifying bacterium for treating actual refinery wastewater with low C/N ratio. *Journal of Bioscience and Bioengineering*, **2021**, 132, 41-48	3.3	3
6	pH-Responsive Superwetting Fabric for On-demand Oil-Water Separation. *Chemistry Letters*, **2018**, 47, 923-926	1.7	2
5	Fine Switching between Underwater Superoleophilicity and Underwater Superoleophobicity while Maintaining Superhydrophobicity. *Langmuir*, **2020**, 36, 3300-3307	4	1
4	A Tunable Superwetting Copper Film between Superhydrophobicity and Superhydrophilicity. *Chemistry Letters*, **2015**, 44, 1527-1529	1.7	1
3	Multiphase media superwettability regulated by coexisting prewetting phase. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 641, 128505	5.1	0
2	Descriptive data on simultaneous nitrification and denitrification of hypersaline wastewater by a robust bacterium. *Data in Brief*, **2021**, 39, 107519	1.2	0
1	Superwetting interface for miscible liquid separation. *Matter*, **2022**, 5, 1067-1069	12.7	