

# Jing Li

## List of Publications by Year in Descending Order

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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	Multiphase media superwettability regulated by coexisting prewetting phase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 641, 128505	5.1	0
59	Superwetting interface for miscible liquid separation. <i>Matter</i> , <b>2022</b> , 5, 1067-1069	12.7	
58	Descriptive data on simultaneous nitrification and denitrification of hypersaline wastewater by a robust bacterium. <i>Data in Brief</i> , <b>2021</b> , 39, 107519	1.2	0
57	Beetle and cactus-inspired surface endows continuous and directional droplet jumping for efficient water harvesting. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 1507-1516	13	22
56	Isolated heterotrophic nitrifying and aerobic denitrifying bacterium for treating actual refinery wastewater with low C/N ratio. <i>Journal of Bioscience and Bioengineering</i> , <b>2021</b> , 132, 41-48	3.3	3
55	Simultaneous nitrification and denitrification of hypersaline wastewater by a robust bacterium <i>Halomonas salifodinae</i> from a repeated-batch acclimation. <i>Bioresource Technology</i> , <b>2021</b> , 341, 125818	11	8
54	Fine Switching between Underwater Superoleophilicity and Underwater Superoleophobicity while Maintaining Superhydrophobicity. <i>Langmuir</i> , <b>2020</b> , 36, 3300-3307	4	1
53	Robust Superhydrophobic Membrane for Solving Water-Accelerated Fatigue of ZDDP-Containing Lubricating Oils. <i>Langmuir</i> , <b>2020</b> , 36, 8560-8569	4	7
52	Water deteriorates lubricating oils: removal of water in lubricating oils using a robust superhydrophobic membrane. <i>Nanoscale</i> , <b>2020</b> , 12, 11703-11710	7.7	15
51	Unidirectional solute transfer using a Janus membrane. <i>Journal of Membrane Science</i> , <b>2020</b> , 596, 117723	9.6	7
50	Controllable preparation of multiple superantiwetting surfaces: From dual to quadruple superlyophobicity. <i>Chemical Engineering Journal</i> , <b>2019</b> , 369, 463-469	14.7	17
49	An all superantiwetting surface in water bilayer systems. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 6957-6962	9.2	12
48	Anisotropic wetting properties of trapezoidal profile surfaces with hierarchical stripes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 562, 170-178	5.1	5
47	An all-water-based system for robust superhydrophobic surfaces. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 519, 130-136	9.3	38
46	Polyaniline Nanofibers: Their Amphiphilicity and Uses for Pickering Emulsions and On-Demand Emulsion Separation. <i>Langmuir</i> , <b>2018</b> , 34, 2841-2848	4	20
45	Transparent slippery liquid-infused nanoparticulate coatings. <i>Chemical Engineering Journal</i> , <b>2018</b> , 337, 462-470	14.7	67
44	Underoil superhydrophilic surfaces: water adsorption in metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 1692-1699	13	50

43	One-step fabrication of superhydrophobic surfaces with different adhesion via laser processing. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 739, 489-498	5.7	29
42	Facile Fabrication of Superhydrophobic and Underwater Superoleophobic Coatings. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 4894-4899	5.6	25
41	Robust and self-repairing superamphiphobic coating from all-water-based spray. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 553, 645-651	5.1	27
40	Efficient Fog Harvesting Based on 1D Copper Wire Inspired by the Plant Pitaya. <i>Langmuir</i> , <b>2018</b> , 34, 15259-15267	4.1	26
39	Organic Media Superwettability: On-Demand Liquid Separation by Controlling Surface Chemistry. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 37634-37642	9.5	24
38	pH-Responsive Superwetting Fabric for On-demand Oil-Water Separation. <i>Chemistry Letters</i> , <b>2018</b> , 47, 923-926	1.7	2
37	Dual superlyophobic surfaces with superhydrophobicity and underwater superoleophobicity. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 11682-11687	13	42
36	Stable Superwetting Meshes for On-Demand Separation of Immiscible Oil/Water Mixtures and Emulsions. <i>Langmuir</i> , <b>2017</b> , 33, 3702-3710	4	69
35	Inorganic Adhesives for Robust Superwetting Surfaces. <i>ACS Nano</i> , <b>2017</b> , 11, 1113-1119	16.7	162
34	Inorganic adhesives for robust, self-healing, superhydrophobic surfaces. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 19297-19305	13	89
33	Superhydrophobic copper coating: Switchable wettability, on-demand oil-water separation, and antifouling. <i>Chemical Engineering Journal</i> , <b>2017</b> , 327, 849-854	14.7	104
32	High-efficiency water collection on biomimetic material with superwetable patterns. <i>Chemical Communications</i> , <b>2016</b> , 52, 12415-12417	5.8	71
31	Polyaniline coated membranes for effective separation of oil-in-water emulsions. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 467, 261-270	9.3	70
30	Bioinspired Interfacial Materials with Enhanced Drop Mobility: From Fundamentals to Multifunctional Applications. <i>Small</i> , <b>2016</b> , 12, 1825-39	11	159
29	Electrochemical route to prepare polyaniline-coated meshes with controllable pore size for switchable emulsion separation. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 115-120	14.7	59
28	Iron impurities as the active sites for peroxidase-like catalytic reaction on graphene and its derivatives. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 15403-13	9.5	31
27	Significant advantages of low-oxygen graphene nanosheets. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9738-9744	13	10
26	Stable underwater superoleophobic conductive polymer coated meshes for high-efficiency oil/water separation. <i>RSC Advances</i> , <b>2015</b> , 5, 33077-33082	3.7	35

25	Design and understanding of a high-performance gas sensing material based on copper oxide nanowires exfoliated from a copper mesh substrate. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 20477-20481	13	24
24	A Tunable Superwetting Copper Film between Superhydrophobicity and Superhydrophilicity. <i>Chemistry Letters</i> , <b>2015</b> , 44, 1527-1529	1.7	1
23	Fabrication of functional superhydrophobic engineering materials via an extremely rapid and simple route. <i>Chemical Communications</i> , <b>2015</b> , 51, 6493-5	5.8	29
22	Underwater superoleophobic graphene oxide coated meshes for the separation of oil and water. <i>Chemical Communications</i> , <b>2014</b> , 50, 5586-9	5.8	209
21	Graphene oxide/iron complex: synthesis, characterization and visible-light-driven photocatalysis. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 644-650	13	46
20	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. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 1827-39	9.5	225
19	Conductive and transparent superhydrophobic films on various substrates by in situ deposition. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 203703	3.4	23
18	Thermo-responsive hollow silica microgels with controlled drug release properties. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 111, 7-14	6	30
17	Inspired superhydrophobic surfaces by a double-metal-assisted chemical etching route. <i>Materials Research Bulletin</i> , <b>2012</b> , 47, 1687-1692	5.1	9
16	Stable superhydrophobic coatings from thiol-ligand nanocrystals and their application in oil/water separation. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 9774		210
15	Recent progress of double-structural and functional materials with special wettability. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 799-815		161
14	Transparent superhydrophobic/superhydrophilic coatings for self-cleaning and anti-fogging. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 033701	3.4	117
13	Advances in the theory of superhydrophobic surfaces. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 20112		148
12	Photochemical removal of aniline in aqueous solutions: switching from photocatalytic degradation to photo-enhanced polymerization recovery. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 175, 977-84	12.8	48
11	Electrochemical preparation of TiO <sub>2</sub> /SiO <sub>2</sub> composite film and its high activity toward the photoelectrocatalytic degradation of methyl orange. <i>Journal of Applied Electrochemistry</i> , <b>2009</b> , 39, 1745-1753	2.6	10
10	A novel route to synthesis of photoluminescent dye/polypyrrole nanoparticles: Effects of intermolecular energy transfer on nucleation and growth of polypyrrole. <i>Synthetic Metals</i> , <b>2008</b> , 158, 396-399	3.6	9
9	Highly photocatalytic activity of metallic hydroxide/titanium dioxide nanoparticles prepared via a modified wet precipitation process. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2008</b> , 198, 282-287	4.7	32
8	Salt Effects on Crystallization of Titanate and the Tailoring of Its Nanostructures. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 16768-16773	3.8	8

7	A New Strategy for the Synthesis of Polyaniline Nanostructures: From Nanofibers to Nanowires. <i>Macromolecular Rapid Communications</i> , <b>2007</b> , 28, 740-745	4.8	44
6	Antioxidant activity of polyaniline nanofibers. <i>Chinese Chemical Letters</i> , <b>2007</b> , 18, 1005-1008	8.1	32
5	A novel Fe(OH) <sub>3</sub> /TiO <sub>2</sub> nanoparticles and its high photocatalytic activity. <i>Chinese Chemical Letters</i> , <b>2007</b> , 18, 1261-1264	8.1	6
4	Correlation between One-Directional Helical Growth of Polyaniline and Its Optical Activity. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 8383-8388	3.8	53
3	Synthesis of molecular imprinted polymer coated photocatalysts with high selectivity. <i>Chemical Communications</i> , <b>2007</b> , 1163-5	5.8	109
2	Hybrid composites of conductive polyaniline and nanocrystalline titanium oxide prepared via self-assembling and graft polymerization. <i>Polymer</i> , <b>2006</b> , 47, 7361-7367	3.9	195
1	Effects of dopants on percolation behaviors and gas sensing characteristics of polyaniline film. <i>Electrochimica Acta</i> , <b>2006</b> , 52, 723-727	6.7	21