

# Jing Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7413761/publications.pdf>

Version: 2024-02-01

66  
papers

5,214  
citations

76196

40  
h-index

110170

64  
g-index

66  
all docs

66  
docs citations

66  
times ranked

5752  
citing authors

#	ARTICLE	IF	CITATIONS
1	Difference and association of antibacterial and bacterial anti-adhesive performances between smart Ag/AgCl/TiO <sub>2</sub> composite surfaces with switchable wettability. <i>Chemical Engineering Journal</i> , 2022, 431, 134103.	6.6	21
2	In-situ constructing visible light CdS/Cd-MOF photocatalyst with enhanced photodegradation of methylene blue. <i>Particuology</i> , 2022, 69, 111-122.	2.0	103
3	In situ formation of Co <sub>3</sub> O <sub>4</sub> nanocrystals embedded in laser-induced graphene foam for high-energy flexible micro-supercapacitors. <i>Dalton Transactions</i> , 2022, , .	1.6	2
4	Smart Janus membrane for on-demand separation of oil, bacteria, dye, and metal ions from complex wastewater. <i>Chemical Engineering Science</i> , 2022, 253, 117586.	1.9	22
5	Selective Hydrogenation of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran Over Popcorn-Like Nitrogen-Doped Carbon-Confined CuCo Bimetallic Catalyst. <i>Frontiers in Chemistry</i> , 2022, 10, 882670.	1.8	2
6	“Several birds with one stone” strategy of pH/thermoreponsive flame-retardant/photothermal bactericidal oil-absorbing material for recovering complex spilled oil. <i>Journal of Materials Science and Technology</i> , 2022, 128, 82-97.	5.6	48
7	Template assisted preparation of silicone (polydimethylsiloxane) elastomers and their self-cleaning application. <i>RSC Advances</i> , 2022, 12, 16835-16842.	1.7	0
8	Fast self-healing and antifouling polyurethane/fluorinated polysiloxane-microcapsules-silica composite material. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1899-1909.	9.9	38
9	Thermo and light-responsive strategies of smart titanium-containing composite material surface for enhancing bacterially anti-adhesive property. <i>Chemical Engineering Journal</i> , 2021, 407, 125783.	6.6	86
10	Facile Formation of Hierarchical Textures for Flexible, Translucent, and Durable Superhydrophobic Film. <i>Advanced Functional Materials</i> , 2021, 31, 2008574.	7.8	68
11	An integrated strategy for achieving oil-in-water separation, removal, and anti-oil/dye/bacteria-fouling. <i>Chemical Engineering Journal</i> , 2021, 413, 127493.	6.6	89
12	Modifying coconut shell activated carbon for improved purification of benzene from volatile organic waste gas. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 751-760.	9.9	43
13	Synergistic effect of carboxymethylcellulose and <i>Cryptococcus laurentii</i> on suppressing green mould of postharvest grapefruit and its mechanism. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 253-262.	3.6	8
14	Impacts of chain extenders on thermal property, degradation, and rheological performance of poly(butylene adipate-co-terephthalate). <i>Journal of Materials Research</i> , 2021, 36, 3134-3144.	1.2	11
15	A Strategy of Liquid-Grafted Slippery Sponges with Simultaneously Enhanced Absorption and Desorption Performances for Crude Oil Spill Remediation. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100242.	1.7	10
16	Hydrothermally synthesized Ti/Zr bimetallic MOFs derived N self-doped TiO <sub>2</sub> /ZrO <sub>2</sub> composite catalysts with enhanced photocatalytic degradation of methylene blue. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 623, 126629.	2.3	44
17	Significant improvement on selectivity and capacity of glycine-modified FeCo-layered double hydroxides in the removal of As (V) from polluted water. <i>Chemosphere</i> , 2021, 281, 130943.	4.2	8
18	Metal organic framework-derived C-doped ZnO/TiO <sub>2</sub> nanocomposite catalysts for enhanced photodegradation of Rhodamine B. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 566-576.	5.0	55

#	ARTICLE	IF	CITATIONS
19	Hybrid 0D/2D heterostructures: in-situ growth of 0D g-C <sub>3</sub> N <sub>4</sub> on 2D BiOI for efficient photocatalyst. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 1122-1136.	9.9	44
20	Ag nanoparticles-coated cotton fabric for durable antibacterial activity: derived from phytic acid- $\text{Ag}$ complex. <i>Journal of the Textile Institute</i> , 2020, 111, 855-861.	1.0	20
21	Carbon nitride nanoplatelet photocatalysts heterostructured with B-doped carbon nanodots for enhanced photodegradation of organic pollutants. <i>Journal of Colloid and Interface Science</i> , 2020, 559, 124-133.	5.0	79
22	N self-doped ZnO derived from microwave hydrothermal synthesized zeolitic imidazolate framework-8 toward enhanced photocatalytic degradation of methylene blue. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 142-155.	5.0	126
23	Advanced porous hierarchical activated carbon derived from agricultural wastes toward high performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2020, 820, 153111.	2.8	141
24	Microwave Hydrothermally Synthesized Metal-Organic Framework-5 Derived C-doped ZnO with Enhanced Photocatalytic Degradation of Rhodamine B. <i>Langmuir</i> , 2020, 36, 9658-9667.	1.6	36
25	One-pot microwave-hydrothermally synthesized carbon nanotube-cerium oxide nanocomposites for enhanced visible photodegradation of acid orange 7. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 23743-23753.	1.3	10
26	Controllable antibacterial and bacterially anti-adhesive surface fabricated by a bio-inspired beetle-like macromolecule. <i>International Journal of Biological Macromolecules</i> , 2020, 157, 553-560.	3.6	45
27	Zwitterionic glycine modified Fe/Mg-layered double hydroxides for highly selective and efficient removal of oxyanions from polluted water. <i>Journal of Materials Science and Technology</i> , 2020, 51, 8-15.	5.6	50
28	Enteromorpha prolifera polysaccharide based coagulant aid for humic acids removal and ultrafiltration membrane fouling control. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 576-583.	3.6	32
29	Microwave hydrothermal synthesized ZnIn-layered double hydroxides derived ZnIn-layered double oxides for enhanced methylene blue photodegradation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 592, 124588.	2.3	55
30	Low optical dosage heating-reduced viscosity for fast and large-scale cleanup of spilled crude oil by reduced graphene oxide melamine nanocomposite adsorbents. <i>Nanotechnology</i> , 2020, 31, 225402.	1.3	43
31	Boosting Multiple Interfaces by Co-Doped Graphene Quantum Dots for High Efficiency and Durability Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 13941-13949.	4.0	69
32	Advances in Template Prepared Nano-Oxides and their Applications: Polluted Water Treatment, Energy, Sensing and Biomedical Drug Delivery. <i>Chemical Record</i> , 2020, 20, 710-729.	2.9	29
33	Effects of chlorinated polyethylene and antimony trioxide on recycled polyvinyl chloride/acryl-butadiene-styrene blends: Flame retardancy and mechanical properties. <i>Polymer</i> , 2020, 190, 122198.	1.8	44
34	Laccase immobilized polyaniline/magnetic graphene composite electrode for detecting hydroquinone. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 1130-1138.	3.6	106
35	One-step co-precipitation synthesis of novel BiOCl/CeO <sub>2</sub> composites with enhanced photodegradation of rhodamine B. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1345-1361.	3.0	42
36	Anti-Liquid-Interfering and Bacterially Antiadhesive Strategy for Highly Stretchable and Ultrasensitive Strain Sensors Based on Cassia-Baxter Wetting State. <i>Advanced Functional Materials</i> , 2020, 30, 2000398.	7.8	172

#	ARTICLE	IF	CITATIONS
37	2-(3,4-Epoxy) ethyltriethoxysilane-modified waterborne acrylic resin: Preparation and property analysis. <i>Polymer</i> , 2020, 190, 122196.	1.8	52
38	Synthesis of multiblock linear polyether functional amino silicone softener and its modification of surface properties on cotton fabrics. <i>Polymer Bulletin</i> , 2019, 76, 447-467.	1.7	17
39	Boosted selectivity and enhanced capacity of As(V) removal from polluted water by triethylenetetramine activated lignin-based adsorbents. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 1167-1174.	3.6	70
40	Optimizing graphene content in a NiSe/graphene nanohybrid counter electrode to enhance the photovoltaic performance of dye-sensitized solar cells. <i>Nanoscale</i> , 2019, 11, 17579-17589.	2.8	99
41	Solid polyaniline dendrites consisting of high aspect ratio branches self-assembled using sodium lauryl sulfate as soft templates: Synthesis and electrochemical performance. <i>Polymer</i> , 2019, 182, 121808.	1.8	128
42	Anchoring carbon nanotubes and post-hydroxylation treatment enhanced Ni nanofiber catalysts towards efficient hydrous hydrazine decomposition for effective hydrogen generation. <i>Chemical Communications</i> , 2019, 55, 9011-9014.	2.2	107
43	Suppressing Charge Recombination and Ultraviolet Light Degradation of Perovskite Solar Cells Using Silicon Oxide Passivation. <i>ChemElectroChem</i> , 2019, 6, 3167-3174.	1.7	75
44	Electromagnetic Interference Shielding Polymers and Nanocomposites - A Review. <i>Polymer Reviews</i> , 2019, 59, 280-337.	5.3	512
45	A new anti-biofilm strategy of enabling arbitrary surfaces of materials and devices with robust bacterial anti-adhesion <i>via</i> a spraying modified microsphere method. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26039-26052.	5.2	134
46	Progress on the Photocatalytic Reduction Removal of Chromium Contamination. <i>Chemical Record</i> , 2019, 19, 873-882.	2.9	204
47	Light triggered interfacial damage self-healing of poly(p-phenylene benzobisoxazole) fiber composites. <i>Nanotechnology</i> , 2018, 29, 185602.	1.3	114
48	In situ polymerized poly(acrylic acid)/alumina nanocomposites for Pb <sup>2+</sup> adsorption. <i>Advances in Polymer Technology</i> , 2018, 37, 2981-2996.	0.8	58
49	Waterborne acrylic resin modified with glycidyl methacrylate (GMA): Formula optimization and property analysis. <i>Polymer</i> , 2018, 143, 155-163.	1.8	95
50	Durably Antibacterial and Bacterially Antiadhesive Cotton Fabrics Coated by Cationic Fluorinated Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6124-6136.	4.0	359
51	Opposite Superwetting Nickel Meshes for On-Demand and Continuous Oil/Water Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 1059-1070.	1.8	57
52	ZrO <sub>2</sub> -coated stainless steel mesh with underwater superoleophobicity by electrophoretic deposition for durable oil/water separation. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 85, 23-30.	1.1	17
53	<i>In situ</i> grown nickel selenide on graphene nanohybrid electrodes for high energy density asymmetric supercapacitors. <i>Nanoscale</i> , 2018, 10, 20414-20425.	2.8	332
54	Solvothermal synthesis, characterization and photocatalytic property of zirconium dioxide doped titanium dioxide spinous hollow microspheres with sunflower pollen as bio-templates. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 111-121.	5.0	101

#	ARTICLE	IF	CITATIONS
55	Synthesis, characterization and photocatalytic activity of mixed-metal oxides derived from NiCoFe ternary layered double hydroxides. Dalton Transactions, 2018, 47, 9765-9778.	1.6	132
56	Carbon Nanomaterials in Direct Liquid Fuel Cells. Chemical Record, 2018, 18, 1365-1372.	2.9	104
57	Preparation of polystyrene-b-poly(ethylene/propylene)-b-polystyrene grafted glycidyl methacrylate and its compatibility with recycled polypropylene/recycled high impact polystyrene blends. Polymer, 2018, 145, 232-241.	1.8	62
58	Bio-gel derived nickel/carbon nanocomposites with enhanced microwave absorption. Journal of Materials Chemistry C, 2018, 6, 8812-8822.	2.7	301
59	A gemini-type superspreader: Synthesis, spreading behavior and superspreading mechanism. Chemical Engineering Journal, 2017, 315, 262-273.	6.6	19
60	Matchstick-Like Cu <sub>2</sub> S@Cu <sub>x</sub> O Nanowire Film: Transition of Superhydrophilicity to Superhydrophobicity. Journal of Physical Chemistry C, 2017, 121, 19716-19726.	1.5	63
61	Preparation of coatings from a series of silicone/fluorine- $\epsilon$ -functionalized polyacrylates via electrophoretic deposition. Polymers for Advanced Technologies, 2015, 26, 1148-1154.	1.6	4
62	Transformation of self-assembled structures from spherical aggregates in solution to a network structure on a two-dimensional surface. Journal of Applied Polymer Science, 2015, 132, .	1.3	0
63	A facile dip-coating approach to prepare SiO <sub>2</sub> /fluoropolymer coating for superhydrophobic and superoleophobic fabrics with self-cleaning property. Journal of Applied Polymer Science, 2015, 132, .	1.3	84
64	Synthesis and properties of epoxy-polyurethane/silica nanocomposites by a novel sol method and in-situ solution polymerization route. Applied Surface Science, 2014, 303, 67-75.	3.1	70
65	A novolac epoxy resin modified polyurethane acylates polymer grafted network with enhanced thermal and mechanical properties. Journal of Polymer Research, 2014, 21, 1.	1.2	30
66	Synthesis, characterization, and thermal stability studies of bisphenol-A type novolac epoxy-polyurethane coating systems for in-mould decoration ink applications. Journal of Polymer Research, 2011, 18, 1667-1677.	1.2	13