

Jing Lin

List of Publications by Year in descending order

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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	Electromagnetic Interference Shielding Polymers and Nanocomposites - A Review. <i>Polymer Reviews</i> , 2019, 59, 280-337.	5.3	512
2	Durably Antibacterial and Bacterially Antiadhesive Cotton Fabrics Coated by Cationic Fluorinated Polymers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6124-6136.	4.0	359
3	<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
4	Bio-gel derived nickel/carbon nanocomposites with enhanced microwave absorption. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8812-8822.	2.7	301
5	Progress on the Photocatalytic Reduction Removal of Chromium Contamination. <i>Chemical Record</i> , 2019, 19, 873-882.	2.9	204
6	Anti-liquid and Bacterially Antiadhesive Strategy for Highly Stretchable and Ultrasensitive Strain Sensors Based on Cassia-Based Wetting State. <i>Advanced Functional Materials</i> , 2020, 30, 2000398.	7.8	172
7	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
8	A new anti-biofilm strategy of enabling arbitrary surfaces of materials and devices with robust bacterial anti-adhesion via a spraying modified microsphere method. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26039-26052.	5.2	134
9	Synthesis, characterization and photocatalytic activity of mixed-metal oxides derived from NiCoFe ternary layered double hydroxides. <i>Dalton Transactions</i> , 2018, 47, 9765-9778.	1.6	132
10	Solid polyaniline dendrites consisting of high aspect ratio branches self-assembled using sodium lauryl sulfonate as soft templates: Synthesis and electrochemical performance. <i>Polymer</i> , 2019, 182, 121808.	1.8	128
11	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
12	Light triggered interfacial damage self-healing of poly(p-phenylene benzobisoxazole) fiber composites. <i>Nanotechnology</i> , 2018, 29, 185602.	1.3	114
13	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
14	Laccase immobilized polyaniline/magnetic graphene composite electrode for detecting hydroquinone. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 1130-1138.	3.6	106
15	Carbon Nanomaterials in Direct Liquid Fuel Cells. <i>Chemical Record</i> , 2018, 18, 1365-1372.	2.9	104
16	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
17	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
18	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

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19	Waterborne acrylic resin modified with glycidyl methacrylate (GMA): Formula optimization and property analysis. <i>Polymer</i> , 2018, 143, 155-163.	1.8	95
20	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
21	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
22	A facile dip-coating approach to prepare SiO ₂ /fluoropolymer coating for superhydrophobic and superoleophobic fabrics with self-cleaning property. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	84
23	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
24	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
25	Synthesis and properties of epoxy-polyurethane/silica nanocomposites by a novel sol method and in-situ solution polymerization route. <i>Applied Surface Science</i> , 2014, 303, 67-75.	3.1	70
26	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
27	Boosting Multiple Interfaces by Co-Doped Graphene Quantum Dots for High Efficiency and Durability Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13941-13949.	4.0	69
28	Facile Formation of Hierarchical Textures for Flexible, Translucent, and Durable Superhydrophobic Film. <i>Advanced Functional Materials</i> , 2021, 31, 2008574.	7.8	68
29	Matchstick-Like Cu ₂ S@Cu _x O Nanowire Film: Transition of Superhydrophilicity to Superhydrophobicity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19716-19726.	1.5	63
30	Preparation of polystyrene-b-poly(ethylene/propylene)-b-polystyrene grafted glycidyl methacrylate and its compatibility with recycled polypropylene/recycled high impact polystyrene blends. <i>Polymer</i> , 2018, 145, 232-241.	1.8	62
31	In situ polymerized poly(acrylic acid)/alumina nanocomposites for Pb ²⁺ adsorption. <i>Advances in Polymer Technology</i> , 2018, 37, 2981-2996.	0.8	58
32	Opposite Superwetting Nickel Meshes for On-Demand and Continuous Oil/Water Separation. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1059-1070.	1.8	57
33	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
34	Metal organic framework-derived C-doped ZnO/TiO ₂ nanocomposite catalysts for enhanced photodegradation of Rhodamine B. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 566-576.	5.0	55
35	2-(3,4-Epoxy) ethyltriethoxysilane-modified waterborne acrylic resin: Preparation and property analysis. <i>Polymer</i> , 2020, 190, 122196.	1.8	52
36	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

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37	“Several birds with one stone” strategy of pH/thermoresponsive 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
38	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
39	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
40	Hydrothermally synthesized Ti/Zr bimetallic MOFs derived N self-doped TiO ₂ /ZrO ₂ 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
41	Hybrid 0D/2D heterostructures: in-situ growth of 0D g-C ₃ N ₄ on 2D BiOI for efficient photocatalyst. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 1122-1136.	9.9	44
42	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
43	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
44	One-step co-precipitation synthesis of novel BiOCl/CeO ₂ composites with enhanced photodegradation of rhodamine B. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1345-1361.	3.0	42
45	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
46	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
47	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
48	A novolac epoxy resin modified polyurethane acylates polymer grafted network with enhanced thermal and mechanical properties. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	30
49	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
50	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
51	Difference and association of antibacterial and bacterial anti-adhesive performances between smart Ag/AgCl/TiO ₂ composite surfaces with switchable wettability. <i>Chemical Engineering Journal</i> , 2022, 431, 134103.	6.6	21
52	Ag nanoparticles-coated cotton fabric for durable antibacterial activity: derived from phytic acid-Ag complex. <i>Journal of the Textile Institute</i> , 2020, 111, 855-861.	1.0	20
53	A gemini-type superspreader: Synthesis, spreading behavior and superspreading mechanism. <i>Chemical Engineering Journal</i> , 2017, 315, 262-273.	6.6	19
54	ZrO ₂ -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

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55	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
56	Synthesis, characterization, and thermal stability studies of bisphenol-A type novolac epoxy-polyurethane coating systems for in-mould decoration ink applications. <i>Journal of Polymer Research</i> , 2011, 18, 1667-1677.	1.2	13
57	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
58	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
59	A Strategy of Liquid-Phase 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
60	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
61	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
62	Preparation of coatings from a series of silicone/fluorine-functionalized polyacrylates via electrophoretic deposition. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1148-1154.	1.6	4
63	In situ formation of Co ₃ O ₄ nanocrystals embedded in laser-induced graphene foam for high-energy flexible micro-supercapacitors. <i>Dalton Transactions</i> , 2022, , .	1.6	2
64	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
65	Transformation of self-assembled structures from spherical aggregates in solution to a network structure on a two-dimensional surface. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	0
66	Template assisted preparation of silicone (polydimethylsiloxane) elastomers and their self-cleaning application. <i>RSC Advances</i> , 2022, 12, 16835-16842.	1.7	0