

Yanhui Li

List of Publications by Year in descending order

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80
papers

2,221
citations

186265

28
h-index

254184

43
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80
all docs

80
docs citations

80
times ranked

3338
citing authors

#	ARTICLE	IF	CITATIONS
1	Porphyrin-based covalent organic framework nanoparticles for photoacoustic imaging-guided photodynamic and photothermal combination cancer therapy. <i>Biomaterials</i> , 2019, 223, 119459.	11.4	157
2	Exceptional electrochemical performance of nitrogen-doped porous carbon for lithium storage. <i>Carbon</i> , 2015, 82, 116-123.	10.3	102
3	Dual Carbon-Confined SnO ₂ Hollow Nanospheres Enabling High Performance for the Reversible Storage of Alkali Metal Ions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15642-15651.	8.0	87
4	Fabrication, formation mechanism and the application in lithium-ion battery of porous Fe ₂ O ₃ nanotubes via single-spinneret electrospinning. <i>Electrochimica Acta</i> , 2015, 158, 105-112.	5.2	79
5	A pH-sensitive charge-conversion system for doxorubicin delivery. <i>Acta Biomaterialia</i> , 2013, 9, 7672-7678.	8.3	78
6	In Situ Coupling Strategy for Anchoring Monodisperse Co ₉ S ₈ Nanoparticles on S and N Dual-Doped Graphene as a Bifunctional Electrocatalyst for Rechargeable Zn-Air Battery. <i>Nano-Micro Letters</i> , 2019, 11, 4.	27.0	74
7	Conjugated Carbonyl Polymer-Based Flexible Cathode for Superior Lithium-Organic Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28801-28808.	8.0	64
8	Nanoengineered Ultralight Organic Cathode Based on Aromatic Carbonyl Compound/Graphene Aerogel for Green Lithium and Sodium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8392-8399.	6.7	63
9	Metallophthalocyanine-Based Polymer-Derived Co ₂ P Nanoparticles Anchoring on Doped Graphene as High-Efficient Trifunctional Electrocatalyst for Zn-Air Batteries and Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6422-6432.	6.7	63
10	Codelivery of Antitumor Drug and Gene by a pH-Sensitive Charge-Conversion System. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3207-3215.	8.0	62
11	Facile synthesis of Co ₃ O ₄ -CeO ₂ composite oxide nanotubes and their multifunctional applications for lithium ion batteries and CO oxidation. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 274-281.	9.4	53
12	Synthesis and characterization of Eu(III) complexes of modified cellulose and poly(N-isopropylacrylamide). <i>Carbohydrate Polymers</i> , 2013, 94, 77-81.	10.2	46
13	Self-sacrifice template formation of nitrogen-doped porous carbon microtubes towards high performance anode materials in lithium ion batteries. <i>Chemical Engineering Journal</i> , 2017, 316, 1004-1010.	12.7	46
14	Synthesis of zincphthalocyanine-based conjugated microporous polymers with rigid-linker as novel and green heterogeneous photocatalysts. <i>Journal of Hazardous Materials</i> , 2018, 348, 47-55.	12.4	46
15	Nitrogen and sulfur dual-doped graphene sheets as anode materials with superior cycling stability for lithium-ion batteries. <i>Electrochimica Acta</i> , 2015, 184, 24-31.	5.2	45
16	Combination of epigenetic regulation with gene therapy-mediated immune checkpoint blockade induces anti-tumour effects and immune response in vivo. <i>Nature Communications</i> , 2021, 12, 6742.	12.8	45
17	Multi-heteroatom-doped dual carbon-confined Fe ₃ O ₄ nanospheres as high-capacity and long-life anode materials for lithium/sodium ion batteries. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 494-502.	9.4	44
18	Nitrogen-doped porous graphene with surface decorated MnO ₂ nanowires as a high-performance anode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7251-7256.	10.3	39

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19	A Cationic Metal-Organic Framework to Scavenge Cell-Free DNA for Severe Sepsis Management. <i>Nano Letters</i> , 2021, 21, 2461-2469.	9.1	39
20	Metal phthalocyanine-linked conjugated microporous polymer hybridized with carbon nanotubes as a high-performance flexible electrode for supercapacitors. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 22950-22958.	7.1	37
21	Fe-TCPP@CS nanoparticles as photodynamic and photothermal agents for efficient antimicrobial therapy. <i>Biomaterials Science</i> , 2020, 8, 6526-6532.	5.4	36
22	Construction of a recyclable dual-responsive TiO ₂ -based photocatalyst modified with ZnIn ₂ S ₄ nanosheets and zinc phthalocyanine for Cr(VI) reduction under visible light. <i>Chemical Engineering Journal</i> , 2021, 417, 129332.	12.7	35
23	An aromatic carbonyl compound-linked conjugated microporous polymer as an advanced cathode material for lithium-organic batteries. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2697-2703.	5.9	34
24	A glutathione-depleting chemodynamic therapy agent with photothermal and photoacoustic properties for tumor theranostics. <i>Nanoscale</i> , 2020, 12, 1349-1355.	5.6	33
25	Construction of two-dimensional porphyrin-based fully conjugated microporous polymers as highly efficient photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 356, 370-378.	3.9	32
26	A hybrid hollow spheres Cu ₂ O@TiO ₂ -g-ZnTAPc with spatially separated structure as an efficient and energy-saving day-night photocatalyst for Cr(VI) reduction and organic pollutants removal. <i>Chemical Engineering Journal</i> , 2020, 399, 125807.	12.7	32
27	Graphene encapsulated metallic state Ce ₂ Sn ₂ O ₇ as a novel anode material for superior lithium-ion batteries and capacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5517-5524.	10.3	31
28	Single-spinneret electrospinning fabrication of CoFe ₂ O ₄ nanotubes as high-performance anode materials for lithium-ion batteries. <i>Materials Letters</i> , 2016, 172, 64-67.	2.6	30
29	Targeting dual gene delivery nanoparticles overcomes immune checkpoint blockade induced adaptive resistance and regulates tumor microenvironment for improved tumor immunotherapy. <i>Nano Today</i> , 2021, 38, 101194.	11.9	29
30	<i>In situ</i> anchoring of metal nanoparticles in the N-doped carbon framework derived from conjugated microporous polymers towards an efficient oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2018, 8, 3572-3579.	4.1	28
31	Preparation of magnetic and thermal dual-responsive zinc-tetracarboxyl-phthalocyanine-g-Fe ₃ O ₄ @SiO ₂ @TiO ₂ -g-poly(N-isopropyl acrylamide) core-shell green photocatalyst. <i>Applied Surface Science</i> , 2020, 503, 144111.	6.1	28
32	Ring-opening polymerization of lactide using chiral salen aluminum complexes as initiators: high productivity and stereoselectivity. <i>New Journal of Chemistry</i> , 2015, 39, 4670-4675.	2.8	27
33	Preparation of porphyrin sensitized three layers magnetic nanocomposite Fe ₃ O ₄ @SiO ₂ @TiO ₂ as an efficient photocatalyst. <i>Materials Letters</i> , 2019, 241, 239-242.	2.6	27
34	Hemi-salen aluminum catalysts bearing N, N, O-tridentate type binaphthyl-Schiff-base ligands for the living ring-opening polymerisation of lactide. <i>RSC Advances</i> , 2015, 5, 29412-29419.	3.6	25
35	Conjugated microporous polymers bearing metallophthalocyanine moieties with enhanced visible-light photocatalytic activity. <i>Dyes and Pigments</i> , 2018, 149, 261-267.	3.7	24
36	Engineering Charge Transfer Characteristics in Hierarchical Cu ₂ S QDs @ ZnO Nanoneedles with p-n Heterojunctions: Towards Highly Efficient and Recyclable Photocatalysts. <i>Nanomaterials</i> , 2019, 9, 16.	4.1	23

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37	Comb-shaped, temperature-tunable and water-soluble porphyrin-based thermoresponsive copolymer for enhanced photodynamic therapy. <i>Materials Science and Engineering C</i> , 2018, 82, 155-162.	7.3	22
38	Polymerization and coordination synergistically constructed photothermal agents for macrophages-mediated tumor targeting diagnosis and therapy. <i>Biomaterials</i> , 2021, 264, 120382.	11.4	22
39	Covalent organic framework nanoparticles for anti-tumor gene therapy. <i>Science China Chemistry</i> , 2021, 64, 1235-1241.	8.2	22
40	Synthesis of water-soluble and thermoresponsive phthalocyanine ended block copolymers as potential photosensitizer. <i>Dyes and Pigments</i> , 2017, 142, 88-99.	3.7	21
41	Self-Assembly of Hyperbranched Multiarmed PEG-PEI-PLys(Z) Copolymer into Micelles, Rings, and Vesicles. <i>Langmuir</i> , 2009, 25, 9690-9696.	3.5	20
42	Preparation of Hyaluronic Acid Micro-Hydrogel by Biotin-Avidin-Specific Bonding for Doxorubicin-Targeted Delivery. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 239-249.	2.9	19
43	Facile fabrication of Co ₃ O ₄ /nitrogen-doped graphene hybrid materials as high performance anode materials for lithium ion batteries. <i>CrystEngComm</i> , 2016, 18, 3383-3388.	2.6	19
44	Cobalt-phthalocyanine-derived ultrafine Co ₃ O ₄ nanoparticles as high-performance anode materials for lithium ion batteries. <i>Applied Surface Science</i> , 2017, 414, 398-404.	6.1	19
45	Synthesis of star poly(N-isopropylacrylamide) with end-group of zinc-porphyrin via ATRP and its photocatalytic activity under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 283, 38-44.	3.9	18
46	Preparation of poly(glutamic acid) shielding micelles self-assembled from polylysine-b-polyphenylalanine for gene and drug codelivery. <i>Chinese Chemical Letters</i> , 2020, 31, 1427-1431.	9.0	18
47	Bright red-emitting polymer dots for specific cellular imaging. <i>Journal of Materials Science</i> , 2015, 50, 5571-5577.	3.7	17
48	Multi-armed poly(aspartate-g-OEI) copolymers as versatile carriers of pDNA/siRNA. <i>Acta Biomaterialia</i> , 2013, 9, 6943-6952.	8.3	16
49	Ring-opening polymerization of lactide using salen-aluminum complexes bearing Schiff-base ligands derived from cis-1,2-cyclohexanediamine. <i>Journal of Coordination Chemistry</i> , 2016, 69, 656-667.	2.2	16
50	A 1D porphyrin-based rigid conjugated polymer as efficient and recyclable visible-light driven photocatalyst. <i>Reactive and Functional Polymers</i> , 2019, 143, 104340.	4.1	15
51	Stereoselective ring-opening polymerization of rac-lactides catalyzed by titanium complexes containing N,N-bidentate phenanthrene derivatives. <i>RSC Advances</i> , 2015, 5, 13437-13442.	3.6	14
52	Microwave-assisted synthesis of novel imine-linked copper porphyrin conjugated microporous polymers as heterogeneous photocatalysts. <i>Reactive and Functional Polymers</i> , 2020, 154, 104633.	4.1	14
53	Synthesis and Characterization of Aminoporphyrin-Functionalized Poly(N-isopropylacrylamide) with Photodynamic and Thermoresponsive Effects. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1379-1387.	3.3	13
54	Preparation and Characterization of Chitosan-Based Nanoparticles as Protein Delivery System. <i>Advances in Polymer Technology</i> , 2018, 37, 1214-1220.	1.7	13

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55	Enhancing the drug sensitivity of antibiotics on drug-resistant bacteria via the photothermal effect of FeTGNPs. <i>Journal of Controlled Release</i> , 2022, 341, 51-59.	9.9	13
56	A photo- and thermo-responsive star-shaped diblock copolymer with a porphyrin core prepared via consecutive ATRPs. <i>RSC Advances</i> , 2016, 6, 47912-47918.	3.6	12
57	pH-Responsive Natural Polymeric Gene Delivery Shielding System Based on Dynamic Covalent Chemistry. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 193-199.	5.2	12
58	Synthesis of telechelic PNIPAM ended with 9,10-dihydroacridine group as a recyclable and specific Fe ³⁺ detection fluorescent sensor. <i>Dyes and Pigments</i> , 2020, 173, 107873.	3.7	12
59	Water-soluble sulfonate porphyrin functionalized hyaluronic acid with comb-like structure: Potential photosensitizers for photodynamic therapy. <i>Dyes and Pigments</i> , 2019, 164, 237-243.	3.7	11
60	A series of asymmetric and symmetric porphyrin derivatives: one-pot synthesis, nonlinear optical and optical limiting properties. <i>New Journal of Chemistry</i> , 2021, 45, 16030-16038.	2.8	11
61	Metal phthalocyanine-based conjugated microporous polymer/carbon nanotube composites as flexible electrodes for supercapacitors. <i>Dyes and Pigments</i> , 2021, 190, 109299.	3.7	10
62	A facile one-pot synthesis of Co ₂ P nanoparticle-encapsulated doped carbon nanotubes as bifunctional electrocatalysts for high-performance rechargeable Zn-air batteries. <i>CrystEngComm</i> , 2021, 23, 1013-1018.	2.6	10
63	Preparation of a star-shaped copolymer with porphyrin core and four PNIPAM-b-POEGMA arms for photodynamic therapy. <i>Materials Science and Engineering C</i> , 2019, 98, 74-82.	7.3	8
64	Synthesis and self-assembly of brush-shaped block copolymer structure via ATRP and ROP. <i>Optical Materials</i> , 2021, 111, 110590.	3.6	8
65	Mechanical reinforcement of PBO fibers by dicarboxylic acid functionalized carbon nanotubes through in situ copolymerization. <i>RSC Advances</i> , 2016, 6, 86245-86252.	3.6	7
66	In vitro and in vivo investigation of chitosan-polylysine polymeric nanoparticles for ovalbumin and CpG co-delivery. <i>RSC Advances</i> , 2017, 7, 39962-39969.	3.6	7
67	N-Isopropylacrylamide Modified Polyethylenimines as Effective siRNA Carriers for Cancer Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5464-5469.	0.9	6
68	Synthesis of end-functionalized poly(N-isopropyl acrylamide) with zinc porphyrin and its photocatalytic activity under visible light. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	5
69	Synthesis and characterization of a hyperbranched grafting copolymer PEI-g-PLeu for gene and drug co-delivery. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 47.	3.6	5
70	Synthesis of novel porphyrin derivatives and their self-assemblies to enhance photocatalytic performance. <i>New Journal of Chemistry</i> , 2021, 45, 3454-3462.	2.8	5
71	Synthesis and catalytic performance of a soluble asymmetric zinc phthalocyanine. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1146-1155.	2.2	3
72	Synthesis of a biodegradable branched copolymer mPEG-b-PLGA-g-OCol and its pH-sensitive micelle. <i>Materials Science and Engineering C</i> , 2020, 108, 110455.	7.3	3

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73	Eu ³⁺ - and Tb ³⁺ -Based Coordination Complexes of Poly(N-Isopropyl,N-methylacrylamide-stat-N,N-dimethylacrylamide) Copolymer: Synthesis, Characterization and Property. <i>Polymers</i> , 2022, 14, 1815.	4.5	3
74	Metallophthalocyanine-based covalently cross-linked polymers as a recycled visible-light photocatalyst in pollutants removal. <i>Microporous and Mesoporous Materials</i> , 2022, 338, 111993.	4.4	3
75	Nanosilver deposited on a porphyrin-benzothiadiazole functionalized nitrogen and sulfur rich porous organic polymer for reduction of 4-nitrophenol. <i>Microporous and Mesoporous Materials</i> , 2021, 328, 111468.	4.4	2
76	Thermo-Responsive ZnPc-g-TiO ₂ -g-PNIPAM Photocatalysts Sensitized with Phthalocyanines for Water Purification under Visible Light. <i>Molecules</i> , 2022, 27, 3330.	3.8	2
77	Novel microcapsules for drug and gene delivery. <i>Journal of Controlled Release</i> , 2015, 213, e130-e131.	9.9	1
78	Synthesis of Copolymers Polyethyleneimine-co-Polyphenylalanine as Gene and Drug Codelivery Carrier. <i>Macromolecular Bioscience</i> , 2021, 21, e2100033.	4.1	1
79	Syntheses of Biodegradable Polylactides Catalyzed by Aluminum Complexes bearing Phenanthrene Derivatives for Polymerization of Lactides. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 330, 042015.	0.3	0
80	Cobalt Nanoparticles Embedded into Nitrogen-doped Graphene with Abundant Macropores as a Bifunctional Electrocatalyst for Rechargeable Zinc-air Batteries. <i>Chemistry - an Asian Journal</i> , 2022, , .	3.3	0