

# Hansheng Li

## List of Publications by Year in descending order

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80  
papers

2,835  
citations

172457

29  
h-index

189892

50  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu/NC@Co/NC composites derived from core-shell Cu-MOF@Co-MOF and their electromagnetic wave absorption properties. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 182-193.	9.4	59
2	Integrating Amorphous Molybdenum Sulfide Nanosheets with a Co <sub>9</sub> S <sub>8</sub> @Ni <sub>3</sub> S <sub>2</sub> Array as an Efficient Electrocatalyst for Overall Water Splitting. <i>Langmuir</i> , 2022, 38, 3469-3479.	3.5	21
3	Metal - organic frameworks derived Ni <sub>5</sub> P <sub>4</sub> /NC@CoFeP/NC composites for highly efficient oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 585-593.	9.4	14
4	Preparation of Zn <sub>0.76</sub> Co <sub>0.24</sub> S@C yolk-shell sphere with phenolic resin derived carbon layer and its high electrochemical performance for sodium-ion batteries. <i>Powder Technology</i> , 2022, 404, 117422.	4.2	1
5	N-doped carbon confined CoFe@Pt nanoparticles with robust catalytic performance for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13345-13354.	10.3	18
6	Rational construction of yolk-shell structured Co <sub>3</sub> Fe <sub>7</sub> /FeO@carbon composite and optimization of its microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 775-786.	9.4	22
7	Numerical simulation and experimental investigation of gas-liquid two-phase flow in a complex microchannel. <i>Chemical Engineering Science</i> , 2021, 230, 116198.	3.8	12
8	Controllable construction of core-shell CuCo <sub>2</sub> S <sub>4</sub> @polypyrrole nanocomposites as advanced anode materials for high-performance sodium ion half/full batteries. <i>Materials Chemistry Frontiers</i> , 2021, 5, 293-303.	5.9	9
9	Pomegranate-like Core-shell Ni-NSs@MSNs as a High Activity, Good Stability, Rapid Magnetic Separation, and Multiple Recyclability Nanocatalyst for DCPD Hydrogenation. <i>ACS Omega</i> , 2021, 6, 11570-11584.	3.5	7
10	Rational Design of NiCo <sub>2</sub> S <sub>4</sub> Quantum Dot-Modified Nitrogen-Doped Carbon Nanotube Composites as Robust Pt-Free Electrocatalysts for Dye-Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 4344-4354.	5.1	16
11	Changes of Soybean Protein during Tofu Processing. <i>Foods</i> , 2021, 10, 1594.	4.3	19
12	Structure-Designed Preparation of Pod-like CuCo <sub>2</sub> S <sub>4</sub> /rGO as Advanced Anode Material Targeting Superior Sodium Storage. <i>ChemElectroChem</i> , 2021, 8, 3666.	3.4	3
13	Revealing the effect of interfacial electron transfer in heterostructured Co <sub>9</sub> S <sub>8</sub> @NiFe LDH for enhanced electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12244-12254.	10.3	52
14	Light olefin production using the mixture of HZSM-5/MCM-41 and $\gamma$ -Al <sub>2</sub> O <sub>3</sub> as catalysts for catalytic pyrolysis of waste tires. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2021, 27, 69-78.	0.7	2
15	Controllable synthesis of multi-shelled SiO <sub>2</sub> @C@NiCo <sub>2</sub> O <sub>4</sub> yolk-shell composites for enhancing microwave absorbing properties. <i>New Journal of Chemistry</i> , 2021, 45, 20928-20936.	2.8	6
16	Rational Design of Hierarchical Structural CoSe@NPC/CoSe@CNT Nanocomposites Derived from Metal-Organic Frameworks as a Robust Pt-free Electrocatalyst for Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2020, 5, 26253-26261.	3.5	12
17	Functionalized Core-shell Polystyrene Sphere-Supported Alkaline Imidazolium Ionic Liquid: An Efficient and Recyclable Catalyst for Knoevenagel Condensation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18126-18137.	6.7	22
18	Structural Regulation of Magnetic Polymer Microsphere@Ionic Liquids with an Intermediate Protective Layer and Application as Core-shell Catalysts with High Stability and Activity. <i>ACS Omega</i> , 2020, 5, 23062-23069.	3.5	12

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19	In-situ preparation of multi-layered sandwich-like CuCo <sub>2</sub> S <sub>4</sub> /rGO architectures as anode material for high-performance lithium and sodium ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 845, 156183.	5.5	20
20	Rational Design of N-Doped CuS@C Nanowires toward High-Performance Half/Full Sodium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 11317-11327.	6.7	54
21	Enhanced catalytic performance of UiO-66 via a sulfuric acid post-synthetic modification strategy with partial etching. <i>Applied Catalysis A: General</i> , 2020, 602, 117733.	4.3	5
22	Iron-Doped Nickel Cobalt Phosphide Nanoarrays with Urchin-like Structures as High-Performance Electrocatalysts for Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6273-6281.	6.7	46
23	Construction of Porous Co <sub>9</sub> S <sub>8</sub> Hollow Boxes with Double Open Ends toward High-Performance Half/Full Sodium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6305-6314.	6.7	46
24	Synthesis of Surface-Active Heteropolyacid-Based Ionic Liquids and Their Catalytic Performance for Desulfurization of Fuel Oils. <i>ACS Omega</i> , 2020, 5, 31171-31179.	3.5	8
25	Preparation of Yolk-Shell Structured Co <sub>x</sub> Fe <sub>1-x</sub> P with Enhanced OER Performance. <i>ChemSusChem</i> , 2019, 12, 4461-4470.	6.8	53
26	Rational Construction of Hierarchically Porous Fe <sup>2+</sup> /Co/N-Doped Carbon/rGO Composites for Broadband Microwave Absorption. <i>Nano-Micro Letters</i> , 2019, 11, 76.	27.0	135
27	One-Pot Synthesis of CuCo <sub>2</sub> S <sub>4</sub> Microspheres for High-Performance Lithium/Sodium Ion Batteries. <i>ChemElectroChem</i> , 2019, 6, 1558-1566.	3.4	20
28	Probing the synergistic effect of Mo on Ni-based catalyst in the hydrogenation of dicyclopentadiene. <i>Applied Catalysis A: General</i> , 2019, 574, 60-70.	4.3	26
29	Hollow MoS <sub>2</sub> /rGO composites as high-performance anode materials for lithium-ion batteries. <i>Ionics</i> , 2019, 25, 4659-4666.	2.4	12
30	MoS <sub>2</sub> microsphere@ N-doped carbon composites as high performance anode materials for lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2019, 840, 230-236.	3.8	20
31	Rational design of metal organic framework derived hierarchical structural nitrogen doped porous carbon coated CoSe/nitrogen doped carbon nanotubes composites as a robust Pt-free electrocatalyst for dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2019, 422, 122-130.	7.8	27
32	Alkaline Ionic Liquids Immobilized on Protective Copolymers Coated Magnetic Nanoparticles: An Efficient and Magnetically Recyclable Catalyst for Knoevenagel Condensation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 2824-2834.	3.7	22
33	Hierarchical Co <sub>9</sub> S <sub>8</sub> @Carbon Hollow Microspheres as an Anode for Sodium Ion Batteries with Ultralong Cycling Stability. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6122-6130.	6.7	92
34	Effect of phosphorus and mesopore modification on the HZSM-5 zeolites for n-decane cracking. <i>Journal of Solid State Chemistry</i> , 2019, 271, 326-333.	2.9	24
35	Controllable preparation of polyamide 12@SiO <sub>2</sub> composite powders. <i>Polymer Composites</i> , 2019, 40, 1251-1257.	4.6	2
36	Graphitic carbon nitride quantum dot decorated three-dimensional graphene as an efficient metal-free electrocatalyst for triiodide reduction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5603-5607.	10.3	39

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37	Preparation of flower-like CoFe <sub>2</sub> O <sub>4</sub> @graphene composites and their microwave absorbing properties. <i>Materials Letters</i> , 2018, 223, 186-189.	2.6	108
38	Light olefin production from catalytic pyrolysis of waste tires using nano-HZSM-5/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> catalysts. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 129, 66-71.	5.5	26
39	Facile Synthesis of Co <sub>9</sub> S <sub>8</sub> Hollow Spheres as a High-Performance Electrocatalyst for the Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1863-1871.	6.7	82
40	Preparation of water-soluble magnetic nanoparticles with controllable silica coating. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 213-217.	3.5	4
41	Polystyrene Nanometer-Sized Particles Supported Alkaline Imidazolium Ionic Liquids as Reusable and Efficient Catalysts for the Knoevenagel Condensation in Aqueous Phase. <i>Catalysis Letters</i> , 2018, 148, 134-143.	2.6	11
42	Rational integration of hierarchical structural CoS <sub>1.097</sub> nanosheets/reduced graphene oxide nanocomposites with enhanced electrocatalytic performance for triiodide reduction. <i>Carbon</i> , 2018, 126, 514-521.	10.3	23
43	Basic ionic liquid as catalyst and surfactant: green synthesis of quinazolinone in aqueous media. <i>RSC Advances</i> , 2018, 8, 36769-36774.	3.6	21
44	One-Pot Synthesis of NiCo <sub>2</sub> S <sub>4</sub> Hollow Spheres via Sequential Ion-Exchange as an Enhanced Oxygen Bifunctional Electrocatalyst in Alkaline Solution. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 29521-29531.	8.0	113
45	Core-shell MoS <sub>2</sub> @graphene composite microspheres as stable anodes for Li-ion batteries. <i>New Journal of Chemistry</i> , 2018, 42, 15340-15345.	2.8	15
46	Ionic liquid-assisted solvothermal synthesis of hollow CoFe <sub>2</sub> O <sub>4</sub> microspheres and their absorbing performances. <i>Materials Letters</i> , 2017, 193, 232-235.	2.6	18
47	Synthesis of phenoxy-ester titanium complexes with different R <sub>1</sub> and R <sub>2</sub> substituents and their catalytic properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017, 54, 194-200.	2.2	1
48	Sandwich-like octahedral cobalt disulfide/reduced graphene oxide as an efficient Pt-free electrocatalyst for high-performance dye-sensitized solar cells. <i>Carbon</i> , 2017, 119, 225-234.	10.3	63
49	Facile synthesis of Co <sub>0.85</sub> Se nanotubes/reduced graphene oxide nanocomposite as Pt-free counter electrode with enhanced electrocatalytic performance in dye-sensitized solar cells. <i>Carbon</i> , 2017, 122, 381-388.	10.3	56
50	Preparation of core-shell Zn-doped CoFe <sub>2</sub> O <sub>4</sub> cubes @CNT composites and their absorbing performances. <i>Micro and Nano Letters</i> , 2017, 12, 227-230.	1.3	13
51	Synthesis of magnetic nickel ferrite microspheres and their microwave absorbing properties. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 678-681.	2.6	13
52	Ultrathin-walled Co <sub>9</sub> S <sub>8</sub> nanotube/reduced graphene oxide composite as an efficient electrocatalyst for the reduction of triiodide. <i>Journal of Power Sources</i> , 2016, 336, 132-142.	7.8	31
53	In situ chemical vapor deposition growth of carbon nanotubes on hollow CoFe <sub>2</sub> O <sub>4</sub> as an efficient and low cost counter electrode for dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2016, 325, 417-426.	7.8	53
54	Magnetic CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles Supported Basic Poly(Ionic Liquid)s Catalysts: Preparation and Catalytic Performance Comparison in Transesterification and Knoevenagel Condensation. <i>Catalysis Letters</i> , 2016, 146, 951-959.	2.6	19

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55	In situ synthesis of Mg/Fe LDO/carbon nanohelix composites as absorbing materials. Journal of Alloys and Compounds, 2016, 658, 505-512.	5.5	15
56	Synthesis of a novel titanium complex catalyst and its catalytic performance for olefin polymerization. Russian Journal of Applied Chemistry, 2015, 88, 1723-1727.	0.5	7
57	Basic polymerized imidazolide-based ionic liquid: an efficient catalyst for aqueous Knoevenagel condensation. RSC Advances, 2015, 5, 21415-21421.	3.6	12
58	Synthesis of polyoxymethylene dimethyl ethers from methylal and trioxane catalyzed by Brønsted acid ionic liquids with different alkyl groups. RSC Advances, 2015, 5, 57968-57974.	3.6	38
59	Targeted imaging of brain gliomas using multifunctional Fe <sub>3</sub> O <sub>4</sub> /MnO nanoparticles. RSC Advances, 2015, 5, 33639-33645.	3.6	20
60	In situ Preparation of PI/Amino-Functionalized Graphene Composites and Their Properties. Fullerenes Nanotubes and Carbon Nanostructures, 2015, 23, 680-686.	2.1	7
61	Synthesis of methylal from methanol and formaldehyde catalyzed by Brønsted acid ionic liquids with different alkyl groups. RSC Advances, 2015, 5, 87200-87205.	3.6	15
62	Carbon nanotube-supported bimetallic Pt-Fe catalysts for nitrobenzene hydrogenation. Micro and Nano Letters, 2014, 9, 97-99.	1.3	8
63	HZSM-5/MCM-41 composite molecular sieves for the catalytic cracking of endothermic hydrocarbon fuels: nano-ZSM-5 zeolites as the source. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	25
64	In situ preparation of polyimide/amino-functionalized carbon nanotube composites and their properties. Polymer Composites, 2014, 35, 1952-1959.	4.6	8
65	Preparation and magnetic properties of hollow ferrite microspheres by a gas-phase diffusion method in an ionic liquid/H <sub>2</sub> O mixed solution. Journal of Materials Science, 2014, 49, 3795-3804.	3.7	4
66	Synthesis of Polyoxymethylene Dimethyl Ethers Catalyzed by Brønsted Acid Ionic Liquids with Alkanesulfonic Acid Groups. Industrial & Engineering Chemistry Research, 2014, 53, 16254-16260.	3.7	73
67	Vapor diffusion synthesis of CoFe <sub>2</sub> O <sub>4</sub> hollow sphere/graphene composites as absorbing materials. Journal of Materials Chemistry A, 2014, 2, 735-744.	10.3	276
68	Preparation of rugby-shaped CoFe <sub>2</sub> O <sub>4</sub> particles and their microwave absorbing properties. Journal of Materials Chemistry A, 2014, 2, 18033-18039.	10.3	83
69	Catalytic performance of acidic ionic liquid-functionalized silica in biodiesel production. Journal of Energy Chemistry, 2014, 23, 97-104.	12.9	31
70	Micro-mesoporous composite molecular sieves H-ZSM-5/MCM-41 for methanol dehydration to dimethyl ether: Effect of SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> ratio in H-ZSM-5. Applied Catalysis A: General, 2013, 450, 152-159.	4.3	97
71	Catalytic performance of hierarchical H-ZSM-5/MCM-41 for methanol dehydration to dimethyl ether. Journal of Energy Chemistry, 2013, 22, 769-777.	12.9	49
72	Catalytic performance of metal ion doped MCM-41 for methanol dehydration to dimethyl ether. Journal of Porous Materials, 2013, 20, 1509-1518.	2.6	20

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73	Transesterification of glycerol trioleate catalyzed by basic ionic liquids immobilized on magnetic nanoparticles: Influence of pore diffusion effect. <i>Applied Catalysis A: General</i> , 2013, 453, 327-333.	4.3	38
74	Microemulsion-mediated solvothermal synthesis of hollow Co <sup>2+</sup> /Ni ferrite nanoparticle tubes and their magnetic properties. <i>Micro and Nano Letters</i> , 2013, 8, 68-69.	1.3	5
75	Preparation of Hollow Co <sub>3</sub> O <sub>4</sub> Microspheres and Their Ethanol Sensing Properties. <i>Inorganic Chemistry</i> , 2012, 51, 11513-11520.	4.0	88
76	Acidic ionic liquid immobilized on magnetic mesoporous silica: Preparation and catalytic performance in esterification. <i>Applied Catalysis A: General</i> , 2012, 445-446, 239-245.	4.3	49
77	SiW <sub>12</sub> O <sub>40</sub> -Based Ionic Liquid Catalysts: Catalytic Esterification of Oleic Acid for Biodiesel Production. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 10374-10380.	3.7	51
78	Catalytic dehydration of methanol to dimethyl ether over micro-mesoporous ZSM-5/MCM-41 composite molecular sieves. <i>Applied Catalysis A: General</i> , 2012, 413-414, 36-42.	4.3	104
79	Study on nanomagnets supported TiO <sub>2</sub> photocatalysts prepared by a sol-gel process in reverse microemulsion combining with solvent-thermal technique. <i>Journal of Hazardous Materials</i> , 2009, 169, 1045-1053.	12.4	77
80	Decolorizing kinetics of reactive black SRE by UV/TiO <sub>2</sub> . <i>Environmental Progress</i> , 2008, 27, 104-110.	0.7	6