

# Zhongyi Liu

## List of Publications by Year in descending order

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105  
papers

4,792  
citations

94433

37  
h-index

102487

66  
g-index

107  
all docs

107  
docs citations

107  
times ranked

5324  
citing authors

#	ARTICLE	IF	CITATIONS
1	A General Route to Prepare Low-Ruthenium Content Bimetallic Electrocatalysts for pH-Universal Hydrogen Evolution Reaction by Using Carbon Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1718-1726.	13.8	452
2	Carbon-Quantum-Dots-Loaded Ruthenium Nanoparticles as an Efficient Electrocatalyst for Hydrogen Production in Alkaline Media. <i>Advanced Materials</i> , 2018, 30, e1800676.	21.0	406
3	Biomass-Derived Carbon Dots and Their Applications. <i>Energy and Environmental Materials</i> , 2019, 2, 172-192.	12.8	295
4	Piezochromic Carbon Dots with Two-photon Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6187-6191.	13.8	223
5	Kilogram-scale synthesis of carbon quantum dots for hydrogen evolution, sensing and bioimaging. <i>Chinese Chemical Letters</i> , 2019, 30, 2323-2327.	9.0	172
6	Design and Development of Graphene Oxide Nanoparticle/Chitosan Hybrids Showing pH-Sensitive Surface Charge-Reversible Ability for Efficient Intracellular Doxorubicin Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6608-6617.	8.0	136
7	Two-dimensional porphyrin-based covalent organic framework: A novel platform for sensitive epidermal growth factor receptor and living cancer cell detection. <i>Biosensors and Bioelectronics</i> , 2019, 126, 734-742.	10.1	124
8	Self-crosslinking carbon dots loaded ruthenium dots as an efficient and super-stable hydrogen production electrocatalyst at all pH values. <i>Nano Energy</i> , 2019, 65, 104023.	16.0	117
9	Cobalt-Ruthenium Nanoalloys Parceled in Porous Nitrogen-Doped Graphene as Highly Efficient Difunctional Catalysts for Hydrogen Evolution Reaction and Hydrolysis of Ammonia Borane. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7014-7023.	6.7	95
10	Oxygen vacancy engineered SrTiO <sub>3</sub> nanofibers for enhanced photocatalytic H <sub>2</sub> production. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17974-17980.	10.3	88
11	Fabrication of Novel Ternary Three-Dimensional RuO <sub>2</sub> /Graphitic-C <sub>3</sub> N <sub>4</sub> @reduced Graphene Oxide Aerogel Composites for Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4982-4991.	6.7	85
12	Design and Tailoring of the 3D Macroporous Hydrous RuO <sub>2</sub> Hierarchical Architectures with a Hard-Template Method for High-Performance Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4577-4586.	8.0	84
13	3D free-standing nitrogen-doped reduced graphene oxide aerogel as anode material for sodium ion batteries with enhanced sodium storage. <i>Scientific Reports</i> , 2017, 7, 4886.	3.3	82
14	Recent Development in Defects Engineered Photocatalysts: An Overview of the Experimental and Theoretical Strategies. <i>Energy and Environmental Materials</i> , 2022, 5, 68-114.	12.8	81
15	SnS <sub>2</sub> @C Hollow Nanospheres with Robust Structural Stability as High-Performance Anodes for Sodium Ion Batteries. <i>Nano-Micro Letters</i> , 2019, 11, 14.	27.0	80
16	Highly efficient hydrolysis of ammonia borane using ultrafine bimetallic RuPd nanoalloys encapsulated in porous g-C <sub>3</sub> N <sub>4</sub> . <i>Fuel</i> , 2020, 277, 118243.	6.4	79
17	Hollow carbon shells enhanced by confined ruthenium as cost-efficient and superior catalysts for the alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6676-6685.	10.3	74
18	Electrochemical sensor based on a three dimensional nanostructured MoS <sub>2</sub> nanosphere-PANI/reduced graphene oxide composite for simultaneous detection of ascorbic acid, dopamine, and uric acid. <i>RSC Advances</i> , 2019, 9, 2997-3003.	3.6	70

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19	Green synthesis of nitrogen and sulfur co-doped carbon dots from <i>Allium fistulosum</i> for cell imaging. <i>New Journal of Chemistry</i> , 2019, 43, 718-723.	2.8	65
20	Piezochromic Carbon Dots with Two-photon Fluorescence. <i>Angewandte Chemie</i> , 2017, 129, 6283-6287.	2.0	64
21	Hydrogen-Etched Bifunctional Sulfur-Defect-Rich $\text{ReS}_2/\text{CC}$ Electrocatalyst for Highly Efficient HER and OER. <i>Small</i> , 2020, 16, e2003007.	10.0	64
22	Hierarchical Porous $\text{g-C}_3\text{N}_4$ Coupled Ultrafine RuNi Alloys as Extremely Active Catalysts for the Hydrolytic Dehydrogenation of Ammonia Borane. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8458-8468.	6.7	61
23	Ruthenium-Cobalt Nanoalloy Embedded within Hollow Carbon Spheres as a Bifunctionally Robust Catalyst for Hydrogen Generation from Water Splitting and Ammonia Borane Hydrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18744-18752.	6.7	60
24	Ultrafine Ru nanoparticles anchored to porous $\text{g-C}_3\text{N}_4$ as efficient catalysts for ammonia borane hydrolysis. <i>Applied Catalysis A: General</i> , 2020, 595, 117511.	4.3	60
25	In-situ constructing S-scheme/Schottky junction and oxygen vacancy on $\text{SrTiO}_3$ to steer charge transfer for boosted photocatalytic $\text{H}_2$ evolution. <i>Chemical Engineering Journal</i> , 2021, 417, 129231.	12.7	58
26	<i>In Situ</i> Construction of Bifunctional N-Doped Carbon-Anchored Co Nanoparticles for OER and ORR. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 8549-8556.	8.0	56
27	Coll, MnII and CuII-directed coordination polymers with mixed tetrazolate-dicarboxylate heterobridges exhibiting spin-canted, spin-frustrated antiferromagnetism and a slight spin-flop transition. <i>Dalton Transactions</i> , 2011, 40, 10082.	3.3	55
28	Six metal-organic frameworks assembled from asymmetric triazole carboxylate ligands: Synthesis, crystal structures, photoluminescence properties and antibacterial activities. <i>Inorganica Chimica Acta</i> , 2018, 473, 112-120.	2.4	49
29	Charge reversible and biodegradable nanocarriers showing dual pH-/reduction-sensitive disintegration for rapid site-specific drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 313-320.	5.0	46
30	Five Multidimensional Co(II)-Complexes (Zero-Dimensional to Three-Dimensional) Derived from an Asymmetric 5-(Pyridin-3-yl)-1H-pyrazole-3-carboxylic Acid: Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2017, 17, 2975-2986.	3.0	45
31	Unified Catalyst for Efficient and Stable Hydrogen Production by Both the Electrolysis of Water and the Hydrolysis of Ammonia Borane. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800161.	5.3	45
32	Optimized mesoporous silica nanoparticle-based drug delivery system with removable manganese oxide gatekeeper for controlled delivery of doxorubicin. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 227-236.	9.4	44
33	Synthesis of Aminopyrene-tetraone-Modified Reduced Graphene Oxide as an Electrode Material for High-Performance Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4729-4738.	6.7	43
34	Electrostatic self-assembly of 2D/2D $\text{CoWO}_4/\text{g-C}_3\text{N}_4$ heterojunction for improved photocatalytic hydrogen evolution: Built-in electric field modulated charge separation and mechanism unveiling. <i>Nano Research</i> , 2022, 15, 6987-6998.	10.4	43
35	Twelve Cadmium(II) Coordination Frameworks with Asymmetric Pyridinyl Triazole Carboxylate: Syntheses, Structures, and Fluorescence Properties. <i>Crystal Growth and Design</i> , 2019, 19, 3785-3806.	3.0	41
36	A General Route to Prepare Low-Ruthenium-Content Bimetallic Electrocatalysts for pH-Universal Hydrogen Evolution Reaction by Using Carbon Quantum Dots. <i>Angewandte Chemie</i> , 2020, 132, 1735-1743.	2.0	40

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37	Roles of temperature, solvent, M/L ratios and anion in preparing complexes containing a Himta ligand. <i>CrystEngComm</i> , 2016, 18, 1350-1362.	2.6	39
38	Effect of $(\text{Zn}(\text{OH})_2)_3(\text{ZnSO}_4)(\text{H}_2\text{O})_5$ on the performance of Ru-Zn catalyst for benzene selective hydrogenation to cyclohexene. <i>Applied Catalysis A: General</i> , 2013, 450, 160-168.	4.3	37
39	Syntheses, crystal structures, antibacterial activities of Cu(II) and Ni(II) complexes based on terpyridine polycarboxylic acid ligand. <i>Journal of Molecular Structure</i> , 2019, 1184, 503-511.	3.6	37
40	Metal-Organic Framework-Assisted Nanoplatform with Hydrogen Peroxide/Glutathione Dual-Sensitive On-Demand Drug Release for Targeting Tumors and Their Microenvironment. <i>ACS Applied Bio Materials</i> , 2019, 2, 895-905.	4.6	34
41	Core-Shell Heterostructured CuFe@FeFe Prussian Blue Analogue Coupling with Silver Nanoclusters via a One-Step Bioinspired Approach: Efficiently Nonlabeled Aptasensor for Detection of Bleomycin in Various Aqueous Environments. <i>Analytical Chemistry</i> , 2018, 90, 13624-13631.	6.5	32
42	Selective hydrogenation of benzene to cyclohexene on Ru-based catalysts promoted with Mn and Zn. <i>Journal of Natural Gas Chemistry</i> , 2011, 20, 53-59.	1.8	31
43	Aqueous Self-Assembly of Block Copolymers to Form Manganese Oxide-Based Polymeric Vesicles for Tumor Microenvironment-Activated Drug Delivery. <i>Nano-Micro Letters</i> , 2020, 12, 124.	27.0	31
44	Cobalt Phosphide-Embedded Reduced Graphene Oxide as a Bifunctional Catalyst for Overall Water Splitting. <i>ACS Omega</i> , 2020, 5, 6516-6522.	3.5	31
45	Nickel foam supported cobalt phosphate electrocatalyst for alkaline oxygen evolution reaction. <i>Journal of Power Sources</i> , 2020, 461, 228165.	7.8	29
46	Effect of alcohols as additives on the performance of a nano-sized Ru-Zn(2.8%) catalyst for selective hydrogenation of benzene to cyclohexene. <i>Chemical Engineering Journal</i> , 2013, 218, 415-424.	12.7	28
47	Syntheses, structures, luminescent properties and antibacterial activities of seven polymers based on an asymmetric triazole dicarboxylate ligand. <i>Polyhedron</i> , 2018, 139, 296-307.	2.2	28
48	Chitosan-reduced graphene oxide hybrids encapsulated Pd(0) nanocatalysts for H <sub>2</sub> generation from ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23610-23619.	7.1	27
49	Effect of transition metals (Cr, Mn, Fe, Co, Ni, Cu and Zn) on the hydrogenation properties of benzene over Ru-based catalyst. <i>Applied Catalysis A: General</i> , 2013, 464-465, 1-9.	4.3	25
50	Polymerization of dopamine accompanying its coupling to induce self-assembly of block copolymer and application in drug delivery. <i>Polymer Chemistry</i> , 2020, 11, 2811-2821.	3.9	25
51	Effect of Organic Additives on the Performance of Nano-sized Ru-Zn Catalyst. <i>Chinese Journal of Chemistry</i> , 2011, 29, 369-373.	4.9	24
52	Five metal-organic frameworks based on 5-(pyridine-3-yl)pyrazole-3-carboxylic acid ligand: Syntheses, structures and properties. <i>Inorganica Chimica Acta</i> , 2016, 453, 86-94.	2.4	24
53	Enhanced cobalt-based catalysts through alloying ruthenium to cobalt lattice matrix as an efficient catalyst for overall water splitting. <i>Electrochimica Acta</i> , 2019, 327, 134958.	5.2	24
54	Polyvinylpyrrolidone stabilized-Ru nanoclusters loaded onto reduced graphene oxide as high active catalyst for hydrogen evolution. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	23

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55	High-performance supercapacitors based on porous activated carbons from cattail wool. <i>Journal of Materials Science</i> , 2018, 53, 9191-9205.	3.7	23
56	Intrinsic-structural-modulated carbon cloth as efficient electrocatalyst for water oxidation. <i>Applied Catalysis B: Environmental</i> , 2021, 292, 120152.	20.2	23
57	The Modifiable Character of a Novel Ru-Fe-B/ZrO <sub>2</sub> Catalyst for Benzene Selective Hydrogenation to Cyclohexene. <i>Chinese Journal of Chemistry</i> , 2010, 28, 1927-1934.	4.9	22
58	Selective Hydrogenation of Benzene to Cyclohexene over a Ru-Zn catalyst with Diethanolamine as an Additive. <i>Chinese Journal of Catalysis</i> , 2012, 33, 610-620.	14.0	22
59	Engineering Unique Ball-In-Ball Structured (Ni <sub>0.33</sub> Co <sub>0.67</sub> ) <sub>9</sub> S <sub>8</sub> @C Nanospheres for Advanced Sodium Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 27805-27812.	8.0	22
60	Ball-in-ball structured SnO <sub>2</sub> @FeOOH@C nanospheres toward advanced anode material for sodium ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 838, 155394.	5.5	21
61	Photophysical/Chemistry Properties of Distyryl-BODIPY Derivatives: An Experimental and Density Functional Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5574-5579.	2.5	19
62	Unconventional Preparation of Polymer/Amorphous Manganese Oxide-Based Biodegradable Nanohybrids for Low Premature Release and Acid/Glutathione-Activated Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 2621-2631.	5.0	18
63	Selective Hydrogenation of Benzene: Progress of Understanding for the Ru-Based Catalytic System Design. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 13794-13803.	3.7	18
64	Supporting bimetallic sulfide on 3D TiO <sub>2</sub> hollow shells to boost photocatalytic activity. <i>Chemical Engineering Journal</i> , 2020, 390, 124602.	12.7	18
65	Enhancing the matching of acid/metal balance by engineering an extra Si-Al framework outside the Pd/HBeta catalyst towards benzene hydroalkylation. <i>Catalysis Science and Technology</i> , 2020, 10, 1467-1476.	4.1	17
66	Engineering Interface on a 3D Co <sub>3</sub> Ni(OH) <sub>2</sub> @MoS <sub>2</sub> Hollow Heterostructure for Robust Electrocatalytic Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 9116-9125.	8.0	17
67	Surface engineering on a nanocatalyst: basic zinc salt nanoclusters improve catalytic performances of Ru nanoparticles. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17694-17703.	10.3	16
68	Investigation on Electron Distribution and Synergetic to Enhance Catalytic Activity in Bimetallic Ni(II)/Pd(II) Molecular Monolayer. <i>ChemCatChem</i> , 2018, 10, 5141-5153.	3.7	16
69	Direct Conversion of Biomass into Compact Air Electrode with Atomically Dispersed Oxygen and Nitrogen Coordinated Copper Species for Flexible Zinc-Air Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 8659-8666.	5.1	16
70	Ornithine decarboxylase inhibition downregulates multiple pathways involved in the formation of precancerous lesions of esophageal squamous cell cancer. <i>Molecular Carcinogenesis</i> , 2020, 59, 215-226.	2.7	16
71	Selective hydrogenation of benzene to cyclohexene over nanocomposite Ru-Mn/ZrO <sub>2</sub> catalysts. <i>Chinese Journal of Catalysis</i> , 2013, 34, 684-694.	14.0	15
72	The role of La in improving the selectivity to cyclohexene of Ru catalyst for hydrogenation of benzene. <i>Journal of Molecular Catalysis A</i> , 2013, 368-369, 119-124.	4.8	15

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73	Heterojunction-Promoted Sodium Ion Storage of Bimetallic Selenides Encapsulated in a Carbon Sheath with Boosted Ion Diffusion and Stable Structure. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 6926-6936.	8.0	15
74	Selective hydrogenation of benzene to cyclohexene in continuous reaction device with two reaction reactors in serie over Ru-Co-B/ZrO <sub>2</sub> catalysts. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1482-1488.	14.0	14
75	Heterophase-structured nanocrystals as superior supports for Ru-based catalysts in selective hydrogenation of benzene. <i>Scientific Reports</i> , 2017, 7, 39847.	3.3	14
76	Synthesis, structure, magnetic properties of a 2D (3,4,5)-connected framework based on the tetranuclear Cu <sub>4</sub> units. <i>Inorganic Chemistry Communication</i> , 2017, 81, 47-50.	3.9	14
77	Heterojunction interfacial promotion of fast and prolonged alkali-ion storage of urchin-like Nb <sub>2</sub> O <sub>5</sub> @C nanospheres. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23467-23476.	10.3	13
78	Four 1-D metal-organic polymers self-assembled from semi-flexible benzimidazole-based ligand: Syntheses, structures and fluorescent properties. <i>Journal of Molecular Structure</i> , 2016, 1118, 139-146.	3.6	12
79	Ru Nanospheres in Water Drops for Enhanced Catalytic Performances in Selective Hydrogenation. <i>ACS Applied Energy Materials</i> , 2018, 1, 4277-4284.	5.1	12
80	Highly efficient Cu-Zn-Al catalyst for the hydrogenation of dimethyl adipate to 1,6-hexanediol: influence of calcination temperature. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 100, 427.	1.7	11
81	Time-resolved color-changing long-afterglow for security systems based on metal-organic hybrids. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 584-591.	6.0	10
82	FeOOH derived urchin-like Fe <sub>2</sub> O <sub>3</sub> @C as superior anode for sodium ion storage. <i>Journal of Alloys and Compounds</i> , 2021, 858, 157714.	5.5	9
83	Identification of Metal/Acid Matching Balance over Bifunctional Pd/H <sub>2</sub> toward Benzene Hydroalkylation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 2326-2336.	3.7	9
84	Phosphorus-Doped 3D RuCo Nanowire Arrays on Nickel Foam with Enhanced Electrocatalytic Activity for Overall Water Splitting. <i>ACS Omega</i> , 2021, 6, 10234-10241.	3.5	9
85	High Proton Conduction in Two Highly Water-Stable Lanthanide Coordination Polymers from a Triazole Multicarboxylate Ligand. <i>Inorganic Chemistry</i> , 2021, 60, 13242-13251.	4.0	9
86	Identification of the Encapsulation Effect of Heteropolyacid in the Si-Al Framework toward Benzene Alkylation. <i>ACS Catalysis</i> , 2022, 12, 4765-4776.	11.2	8
87	Exploration of amorphous hollow FeOOH@C nanosphere on energy storage for sodium ion batteries. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 26457-26465.	7.1	7
88	Selective Hydrogenation of Benzene to Cyclohexene over Ru-Zn Catalysts: Investigations on the Effect of Zn Content and ZrO <sub>2</sub> as the Support and Dispersant. <i>Catalysts</i> , 2018, 8, 513.	3.5	6
89	Selective Hydrogenation of Benzene to Cyclohexene over Ru-Zn Catalysts: Mechanism Investigation on NaOH as a Reaction Additive. <i>Catalysts</i> , 2018, 8, 104.	3.5	6
90	Molybdenum Sulfide Nanosheets Coupled with Ni <sub>2</sub> P Hollow Microspheres as an Efficient Electrocatalyst for Hydrogen Generation over a Wide pH Range Mediated by a 3D/2D Interface. <i>ChemElectroChem</i> , 2020, 7, 355-361.	3.4	6

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91	Synthesis, Structures and Magnetic Properties of Cu II and Co II Compounds Based on Asymmetric 5-((1-H) Tj ETQg) 1 0.784314 rgB	2.0	6
92	Five lead(II) coordinated polymers assembled from asymmetric azoles carboxylate ligands: Synthesis, structures and fluorescence properties. <i>Inorganica Chimica Acta</i> , 2021, 514, 120035.	2.4	6
93	Design of charge transfer channels: defective TiO <sub>2</sub> /MoP supported on carbon cloth for solar-light-driven hydrogen generation. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2017-2026.	6.0	6
94	Structural diversity and magnetic properties of six ferrocenyl monocarboxylate Mn( <i>scp</i> ), Ni( <i>scp</i> ) and Co( <i>scp</i> ) complexes with 1D aqua, carboxyl or dinuclear hydroxyl bridges. <i>CrystEngComm</i> , 2021, 23, 3185-3195.	2.6	5
95	Effect of ZnSO <sub>4</sub> , MnSO <sub>4</sub> and FeSO <sub>4</sub> on the Partial Hydrogenation of Benzene over Nano Ru-Based Catalysts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7756.	4.1	5
96	High-Performance Perovskite Bifunctional Electrocatalysts for Oxygen Reduction Reaction and Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2022, 5, 8852-8861.	5.1	5
97	Synthesis, Structures, and Antibacterial Activities of Four Similar 1D Metal-Organic Polymers with Different Metal Ions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 532-539.	1.2	4
98	Ultrafine and Highly Dispersed Pd/SiO <sub>2</sub> for Suzuki-Miyaura Cross-coupling Reactions. <i>Catalysis Letters</i> , 2021, 151, 2291-2301.	2.6	4
99	(La <sub>0.65</sub> Sr <sub>0.3</sub> ) <sub>0.95</sub> FeO <sub>3</sub> perovskite with high oxygen vacancy as efficient bifunctional electrocatalysts for Zn-air batteries. <i>RSC Advances</i> , 2021, 11, 38977-38981.	3.6	4
100	Investigation on Mn <sub>3</sub> O <sub>4</sub> Coated Ru Nanoparticles for Partial Hydrogenation of Benzene towards Cyclohexene Production Using ZnSO <sub>4</sub> , MnSO <sub>4</sub> and FeSO <sub>4</sub> as Reaction Additives. <i>Nanomaterials</i> , 2020, 10, 809.	4.1	3
101	Structure diversity and magnetic properties of manganese and cobalt coordination polymers with multiple carboxyl bridges. <i>Inorganica Chimica Acta</i> , 2022, 533, 120788.	2.4	3
102	Valorization of Corn cob for Production of Furfural and Glucose by Treatment in High-Pressure CO <sub>2</sub> -H <sub>2</sub> O and Oxidation-Hydrolysis. <i>Bioenergy Research</i> , 2023, 16, 494-506.	3.9	3
103	Effects of Ni-Loading on the Performance of Ni/SiO <sub>2</sub> Catalysts for the Highly Selective Hydrogenation of Biphenyl to Cyclohexylbenzene. <i>ChemistrySelect</i> , 2021, 6, 3897-3902.	1.5	2
104	Highly dispersed and ultra-small Ru nanoparticles deposited on silica support as highly active and stable catalyst for biphenyl hydrogenation. <i>Molecular Catalysis</i> , 2021, 508, 111577.	2.0	2
105	Surface Modulation of 3D Porous CoNiP Nanoarrays In Situ Grown on Nickel Foams for Robust Overall Water Splitting. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5290.	4.1	2