

# Aihua Yuan

## List of Publications by Year in descending order

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116  
papers

5,331  
citations

76326

40  
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91884

69  
g-index

116  
all docs

116  
docs citations

116  
times ranked

5565  
citing authors

#	ARTICLE	IF	CITATIONS
1	MOF-derived bi-metal embedded N-doped carbon polyhedral nanocages with enhanced lithium storage. Journal of Materials Chemistry A, 2017, 5, 266-274.	10.3	341
2	Reduced graphene oxide/nickel nanocomposites: facile synthesis, magnetic and catalytic properties. Journal of Materials Chemistry, 2012, 22, 3471.	6.7	273
3	Simultaneously improving the fire safety and mechanical properties of epoxy resin with Fe-CNTs via large-scale preparation. Journal of Materials Chemistry A, 2018, 6, 6376-6386.	10.3	183
4	Facile fabrication of MOF-derived octahedral CuO wrapped 3D graphene network as binder-free anode for high performance lithium-ion batteries. Chemical Engineering Journal, 2017, 313, 1623-1632.	12.7	181
5	Few layered Co(OH) <sub>2</sub> ultrathin nanosheet-based polyurethane nanocomposites with reduced fire hazard: from eco-friendly flame retardance to sustainable recycling. Green Chemistry, 2016, 18, 3066-3074.	9.0	171
6	Facile synthesis of a metal-organic framework-derived Mn <sub>2</sub> O <sub>3</sub> nanowire coated three-dimensional graphene network for high-performance free-standing supercapacitor electrodes. Journal of Materials Chemistry A, 2016, 4, 8283-8290.	10.3	167
7	Systematic Study of Effect on Enhancing Specific Capacity and Electrochemical Behaviors of Lithium-Sulfur Batteries. Advanced Energy Materials, 2018, 8, 1701330.	19.5	154
8	Simultaneously improving flame retardancy and dynamic mechanical properties of epoxy resin nanocomposites through layered copper phenylphosphate. Composites Science and Technology, 2018, 154, 136-144.	7.8	146
9	Cyanometallic framework-derived hierarchical Co <sub>3</sub> O <sub>4</sub> -NiO/graphene foam as high-performance binder-free electrodes for supercapacitors. Chemical Engineering Journal, 2019, 369, 57-63.	12.7	142
10	Controlled pyrolysis of MIL-88A to Fe <sub>2</sub> O <sub>3</sub> @C nanocomposites with varied morphologies and phases for advanced lithium storage. Journal of Materials Chemistry A, 2017, 5, 25562-25573.	10.3	132
11	MoS <sub>2</sub> supported on MOF-derived carbon with core-shell structure as efficient electrocatalysts for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2018, 43, 20538-20545.	7.1	128
12	Graphene aerogel encapsulated Fe-Co oxide nanocubes derived from Prussian blue analogue as integrated anode with enhanced Li-ion storage properties. Applied Surface Science, 2019, 471, 745-752.	6.1	127
13	Nickel@Nitrogen-Doped Carbon@MoS <sub>2</sub> Nanosheets: An Efficient Electrocatalyst for Hydrogen Evolution Reaction. Small, 2019, 15, e1804545.	10.0	122
14	Enhanced room-temperature hydrogen storage capacity in Pt-loaded graphene oxide/HKUST-1 composites. International Journal of Hydrogen Energy, 2014, 39, 2160-2167.	7.1	95
15	Ultrathin iron phenyl phosphonate nanosheets with appropriate thermal stability for improving fire safety in epoxy. Composites Science and Technology, 2019, 182, 107748.	7.8	88
16	Facile synthesis of metal-organic framework-derived Co <sub>3</sub> O <sub>4</sub> with different morphologies coated graphene foam as integrated anodes for lithium-ion batteries. Journal of Alloys and Compounds, 2018, 768, 1049-1057.	5.5	86
17	Core-shell structured ZnCo/NC@MoS <sub>2</sub> electrocatalysts for tunable hydrogen evolution reaction. Electrochimica Acta, 2020, 331, 135445.	5.2	86
18	MOF-Derived CuS@CuBTC Composites as High-Performance Anodes for Lithium-Ion Batteries. Small, 2019, 15, e1903522.	10.0	85

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19	Metal-organic framework derived Fe/Fe <sub>3</sub> C@N-doped-carbon porous hierarchical polyhedrons as bifunctional electrocatalysts for hydrogen evolution and oxygen-reduction reactions. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 93-101.	9.4	83
20	Cyanide-metal framework derived CoMoO <sub>4</sub> /Co <sub>3</sub> O <sub>4</sub> hollow porous octahedrons as advanced anodes for high performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1048-1056.	10.3	81
21	Fully catalytic upgrading synthesis of 5-Ethoxymethylfurfural from biomass-derived 5-Hydroxymethylfurfural over recyclable layered-niobium-molybdate solid acid. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117786.	20.2	80
22	Metal organic framework derived NiFe@N-doped graphene microtube composites for hydrogen evolution catalyst. <i>Carbon</i> , 2017, 116, 68-76.	10.3	77
23	Facile synthesis of MOF-derived hollow NiO microspheres integrated with graphene foam for improved lithium-storage properties. <i>Journal of Alloys and Compounds</i> , 2019, 784, 869-876.	5.5	76
24	Biomorphic Co <sub>2</sub> Ni <sub>2</sub> C/CoO <sub>x</sub> Composite Derived from Natural Chloroplasts as Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>Small</i> , 2019, 15, e1804855.	10.0	72
25	High-capacity room-temperature hydrogen storage of zeolitic imidazolate framework/graphene oxide promoted by platinum metal catalyst. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 12275-12285.	7.1	69
26	Facile <i>in situ</i> fabrication of biomorphic Co <sub>2</sub> P-Co <sub>3</sub> O <sub>4</sub> /rGO/C as an efficient electrocatalyst for the oxygen reduction reaction. <i>Nanoscale</i> , 2020, 12, 4374-4382.	5.6	68
27	Naphtho[b]-fused BODIPYs: one pot Suzuki-Miyaura-Knoevenagel synthesis and photophysical properties. <i>Chemical Communications</i> , 2017, 53, 6621-6624.	4.1	65
28	Prussian blue nanocubes supported on graphene foam as superior binder-free anode of lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2018, 749, 811-817.	5.5	60
29	Zephyranthes-like Co <sub>2</sub> NiSe <sub>4</sub> arrays grown on 3D porous carbon frame-work as electrodes for advanced supercapacitors and sodium-ion batteries. <i>Nano Research</i> , 2021, 14, 3598-3607.	10.4	60
30	In situ confinement pyrolysis of ZIF-67 nanocrystals on hollow carbon spheres towards efficient electrocatalysts for oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 439-448.	9.4	57
31	Enhancing Ion Transport: Function of Ionic Liquid Decorated MOFs in Polymer Electrolytes for All-Solid-State Lithium Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 4265-4274.	5.1	54
32	B- and N-embedded color-tunable phosphorescent iridium complexes and N Lewis adducts with intriguing structural and optical changes. <i>Chemical Science</i> , 2019, 10, 3257-3263.	7.4	53
33	Strategies to improve electrochemical performances of pristine metal-organic frameworks based electrodes for lithium/sodium-ion batteries. <i>SmartMat</i> , 2021, 2, 488-518.	10.7	52
34	Design and self-assembly of metal-organic framework-derived porous Co <sub>3</sub> O <sub>4</sub> hierarchical structures for lithium-ion batteries. <i>Ceramics International</i> , 2016, 42, 5160-5170.	4.8	49
35	Yolk-shelled ZnO NiO microspheres derived from tetracyanide-metallic-frameworks as bifunctional electrodes for high-performance lithium-ion batteries and supercapacitors. <i>Journal of Power Sources</i> , 2019, 421, 41-49.	7.8	48
36	Effect of catalyst loading on hydrogen storage capacity of ZIF-8/graphene oxide doped with Pt or Pd via spillover. <i>Microporous and Mesoporous Materials</i> , 2016, 229, 68-75.	4.4	47

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37	Metal-organic framework-derived Co <sub>3</sub> O <sub>4</sub> covered by MoS <sub>2</sub> nanosheets for high-performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2018, 744, 220-227.	5.5	46
38	Controllable Sandwiching of Reduced Graphene Oxide in Hierarchical Defect-Rich MoS <sub>2</sub> Ultrathin Nanosheets with Expanded Interlayer Spacing for Electrocatalytic Hydrogen Evolution Reaction. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801093.	3.7	45
39	Porous carbon derived from metal-organic framework@graphene quantum dots as electrode materials for supercapacitors and lithium-ion batteries. <i>RSC Advances</i> , 2019, 9, 9577-9583.	3.6	45
40	Boosted capture of volatile organic compounds in adsorption capacity and selectivity by rationally exploiting defect-engineering of UiO-66(Zr). <i>Separation and Purification Technology</i> , 2021, 266, 118087.	7.9	41
41	Co <sub>3</sub> O <sub>4</sub> nanostructures with a high rate performance as anode materials for lithium-ion batteries, prepared via book-like cobalt-organic frameworks. <i>CrystEngComm</i> , 2014, 16, 10227-10234.	2.6	40
42	A mononuclear five-coordinate Co(II) single molecule magnet with a spin crossover between the $S = 1/2$ and $3/2$ states. <i>Dalton Transactions</i> , 2018, 47, 16596-16602.	3.3	39
43	Local epitaxial growth of Au-Rh core-shell star-shaped decahedra: A case for studying electronic and ensemble effects in hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118255.	20.2	37
44	2D conductive MOFs with sufficient redox sites: reduced graphene oxide/Cu-benzenehexathiolate composites as high capacity anode materials for lithium-ion batteries. <i>Nanoscale</i> , 2021, 13, 7751-7760.	5.6	37
45	Fabrication of GeO <sub>2</sub> microspheres/hierarchical porous N-doped carbon with superior cyclic stability for Li-ion batteries. <i>Journal of Solid State Chemistry</i> , 2020, 286, 121303.	2.9	36
46	Slow magnetic relaxation in luminescent mononuclear dysprosium(III) and erbium(III) pentanitrato complexes with the same LnO <sub>10</sub> coordination geometry. <i>Dalton Transactions</i> , 2017, 46, 15812-15818.	3.3	35
47	Multiple Active Sites: Lithium Storage Mechanism of Cu@CNQ as an Anode Material for Lithium-Ion Batteries. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4289-4295.	3.3	34
48	Thermal Synthesis of FeNi@Nitrogen-Doped Graphene Dispersed on Nitrogen-Doped Carbon Matrix as an Excellent Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 4075-4083.	5.1	34
49	Direct immersion single-drop microextraction of semi-volatile organic compounds in environmental samples: A review. <i>Journal of Hazardous Materials</i> , 2020, 393, 122403.	12.4	32
50	Record-high capture of volatile benzene and toluene enabled by activator implant-optimized banana peel-derived engineering carbonaceous adsorbents. <i>Environment International</i> , 2020, 143, 105774.	10.0	30
51	Preparation of pH-Responsive Dual-Compartmental Microcapsules via Pickering Emulsion and Their Application in Multifunctional Textiles. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 1234-1244.	8.0	30
52	Extraordinary Superhydrophobic Polycaprolactone-Based Composite Membrane with an Alternated Micro-Nano Hierarchical Structure as an Eco-friendly Oil/Water Separator. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24117-24129.	8.0	30
53	Ge nanoparticles uniformly immobilized on 3D interconnected porous graphene frameworks as anodes for high-performance lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2022, 69, 161-173.	12.9	29
54	Visible-Light-Responsive Nanofibrous Fe <sub>2</sub> O <sub>3</sub> Integrated FeOx Cluster-Templated Siliceous Microsheets for Rapid Catalytic Phenol Removal and Enhanced Antibacterial Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19803-19815.	8.0	28

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55	Syntheses, Characterizations and Adsorption Properties of MIL-101/Graphene Oxide Composites. Chinese Journal of Chemistry, 2012, 30, 2563-2566.	4.9	27
56	In-situ synthesis of Ge/reduced graphene oxide composites as ultrahigh rate anode for lithium-ion battery. Journal of Alloys and Compounds, 2019, 801, 90-98.	5.5	27
57	Pt-doped graphene oxide/MIL-101 nanocomposites exhibiting enhanced hydrogen uptake at ambient temperature. RSC Advances, 2014, 4, 28908-28913.	3.6	26
58	Cyanometallic frameworks derived hierarchical porous Fe <sub>2</sub> O <sub>3</sub> /NiO microflowers with excellent lithium-storage property. Journal of Alloys and Compounds, 2017, 698, 469-475.	5.5	26
59	A Single-Anion-Based Red-Emitting Cationic Iridium(III) Complex Bearing a Pyrimidine-Based Bridging Ligand for Oxygen Sensing. European Journal of Inorganic Chemistry, 2018, 2018, 1131-1136.	2.0	26
60	Fe/Fe <sub>3</sub> C-NC Nanosheet/Carbon Nanotube Composite Electrocatalysts for Oxygen Reduction Reaction. ACS Applied Nano Materials, 2020, 3, 11574-11580.	5.0	25
61	Ni <sub>3</sub> S <sub>2</sub> nanostrips@FeNi-NiFe <sub>2</sub> O <sub>4</sub> nanoparticles embedded in N-doped carbon microsphere: An improved electrocatalyst for oxygen evolution reaction. Journal of Colloid and Interface Science, 2022, 617, 1-10.	9.4	25
62	Cyanide-metal framework derived porous MoO <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> hybrid micro- octahedrons as superior anode for lithium-ion batteries. Chemical Engineering Journal, 2021, 426, 130347.	12.7	24
63	Self-templated formation of hierarchically yolk-shell-structured ZnS/NC dodecahedra with superior lithium storage properties. Nanoscale, 2021, 13, 1988-1996.	5.6	24
64	Nitrogen-doped carbon composites derived from 7,7,8,8-tetracyanoquinodimethane-based metal-organic frameworks for supercapacitors and lithium-ion batteries. RSC Advances, 2017, 7, 25182-25190.	3.6	23
65	Interfacial engineering coupling with tailored oxygen vacancies in Co <sub>2</sub> Mn <sub>2</sub> O <sub>4</sub> spinel hollow nanofiber for catalytic phenol removal. Journal of Hazardous Materials, 2022, 424, 127647.	12.4	23
66	Synthesis of Tostadas-Shaped Metal-Organic Frameworks for Remitting Capacity Fading of Li-ion Batteries. Advanced Functional Materials, 2022, 32, .	14.9	23
67	Tailored oxygen defect coupling composition engineering Co Mn <sub>2</sub> O <sub>4</sub> spinel hollow nanofiber enables improved Bisphenol A catalytic degradation. Separation and Purification Technology, 2022, 282, 120051.	7.9	22
68	Excellent porous environmental nanocatalyst: tactically integrating size-confined highly active MnO <sub>x</sub> in nanospaces of mesopores enables the promotive catalytic degradation efficiency of organic contaminants. New Journal of Chemistry, 2019, 43, 19020-19034.	2.8	20
69	Drastically boosting volatile acetone capture enabled by N-doping activated carbon: An interesting deep surface digging effect. Separation and Purification Technology, 2021, 276, 119280.	7.9	20
70	Controllable synthesis and phase-dependent electrocatalytic oxygen evolution performance of CoNiFe sulfide nanocubes. Journal of Alloys and Compounds, 2022, 909, 164774.	5.5	19
71	N, S, O Self-Doped Porous Carbon Nanoarchitectonics Derived from Pinecone with Outstanding Supercapacitance Performances. Journal of Nanoscience and Nanotechnology, 2020, 20, 2728-2735.	0.9	18
72	Superb VOCs capture engineering carbon adsorbent derived from shaddock peel owning uncompromising thermal-stability and adsorption property. Chinese Journal of Chemical Engineering, 2022, 47, 120-133.	3.5	18

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73	Submicron Co <sub>9</sub> S <sub>8</sub> /CoS/Carbon Spheres Derived from Bacteria for the Electrocatalytic Oxygen Reduction Reaction. ChemElectroChem, 2019, 6, 4571-4575.	3.4	17
74	Facile Fabrication of Amorphous Ni <sup>2+</sup> P Supported on a 3D Biocarbon Skeleton as an Efficient Electrocatalyst for the Oxygen Evolution Reaction. ChemElectroChem, 2019, 6, 3071-3076.	3.4	17
75	Ion-templated fabrication of Pt-Cu alloy octahedra with controlled compositions for electrochemical detection of H <sub>2</sub> O <sub>2</sub> . Journal of Alloys and Compounds, 2019, 788, 1334-1340.	5.5	17
76	Construction of CoS <sub>2</sub> -N-C sheets anchored on 3D graphene network for lithium storage performances. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	16
77	A Series of Lanthanide(III)-bpd-Octacyanotungstate(V) Compounds (bpd =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 592 Td (4,4) Three-Dimensional Pillared Layer via a Two-Dimensional Layer. Crystal Growth and Design, 2017, 17, 6523-6530.	3.0	14
78	Anion-Immobilized and Fiber-Reinforced Hybrid Polymer Electrolyte for Advanced Lithium-Metal Batteries. ChemElectroChem, 2020, 7, 2660-2664.	3.4	14
79	Syntheses, structures, thermal stabilities and gas sorption properties of two rod-based microporous lead(II) polycarboxylate coordination frameworks. Microporous and Mesoporous Materials, 2014, 184, 15-20.	4.4	13
80	NiAl Layered Double Hydroxide Flowers with Ultrathin Structure Grown on 3D Graphene for High-Performance Supercapacitors. European Journal of Inorganic Chemistry, 2019, 2019, 3719-3723.	2.0	13
81	The alkaline sites integrated into biomass-carbon reinforce selective adsorption of acetic acid: In situ implanting MgO during activation operation. Separation and Purification Technology, 2022, 297, 121415.	7.9	13
82	FeNi@N-Doped Graphene Core-Shell Nanoparticles on Carbon Matrix Coupled with MoS <sub>2</sub> Nanosheets as a Competent Electrocatalyst for Efficient Hydrogen Evolution Reaction. Advanced Materials Interfaces, 2022, 9, .	3.7	13
83	Gas and vapor adsorption in octacyanometallate-based frameworks Mn <sub>2</sub> [M(CN) <sub>8</sub> ] (M = W, Mo) with exposed Mn <sup>2+</sup> sites. International Journal of Hydrogen Energy, 2014, 39, 884-889.	7.1	12
84	An oxygen-bridged triarylamine polycyclic unit based tris-cyclometalated heteroleptic iridium(III) complex: correlation between the structure and photophysical properties. Dalton Transactions, 2019, 48, 4596-4601.	3.3	12
85	Engineering Adsorption Case for Efficient Capture of VOCs Using Biomass-based Corncobs via a Carbonized Strategy. ChemistrySelect, 2020, 5, 9162-9169.	1.5	12
86	Combining two active states of FeOx in-situ in molecular sieve to deliver enhanced catalytic activity via creating special configuration and synergy. Journal of Alloys and Compounds, 2020, 844, 156137.	5.5	12
87	g-C <sub>3</sub> N <sub>4</sub> templated synthesis of the tubular CoFe/N doped carbon composite as advanced bifunctional oxygen electrocatalysts for zinc-air batteries. Journal of Alloys and Compounds, 2021, 884, 161011.	5.5	12
88	Enabling room-temperature reductive C-N coupling of nitroarenes: combining homogeneous and heterogeneous synergetic catalyses mediated by light. Green Chemistry, 2022, 24, 4012-4025.	9.0	12
89	Fabrication of MoS <sub>2</sub> -Decorated Nickel-Cobalt Bimetal Phosphide Nanocubes as Efficient Electrocatalysts for Hydrogen Evolution. ChemistrySelect, 2019, 4, 11872-11878.	1.5	11
90	Tuning the Photophysical and Excited State Properties of Phosphorescent Iridium(III) Complexes by Polycyclic Unit Substitution. ChemistryOpen, 2019, 8, 339-343.	1.9	11



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91	Strategies to Optimize the Lithium Storage Capability of the Metal-Organic Framework Copper-1,3,5-Trimesic Acid (Cu-BTC). <i>ChemElectroChem</i> , 2020, 7, 4003-4009.	3.4	11
92	Core-Shell Structured CoP@MoS <sub>2</sub> Electro catalysts for Enhanced Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , 2020, 5, 3130-3136.	1.5	11
93	Prussian blue derived metal oxides/graphene foam as anode materials for high-performance lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 982-990.	2.2	10
94	Loading of individual Se-doped Fe <sub>2</sub> O <sub>3</sub> -decorated Ni/NiO particles on carbon cloth: facile synthesis and efficient electrocatalysis for the oxygen evolution reaction. <i>Dalton Transactions</i> , 2020, 49, 15682-15692.	3.3	10
95	Size-controllable synthesis of Zn <sub>2</sub> GeO <sub>4</sub> hollow rods supported on reduced graphene oxide as high-capacity anode for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 13-24.	9.4	10
96	Hierarchical laminated Al <sub>2</sub> O <sub>3</sub> in-situ integrated with high-dispersed Co <sub>3</sub> O <sub>4</sub> for improved toluene catalytic combustion. <i>Advanced Powder Technology</i> , 2022, 33, 103377.	4.1	10
97	A Cu-NHC based phosphorescent binuclear iridium(III)/copper(I) complex with an unpredictable near-linear two-coordination mode. <i>Dalton Transactions</i> , 2018, 47, 17299-17303.	3.3	9
98	Carbon cloth-supported Fe <sub>2</sub> O <sub>3</sub> derived from Prussian blue as self-standing anodes for high-performance lithium-ion batteries. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	9
99	Hierarchical multi-yolk-shell copper oxide@ copper-1, 3, 5-benzenetricarboxylate as an ultrastable anode for lithium ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 568-577.	9.4	9
100	Cobalt Oxide Nanocubes Encapsulated in Graphene Aerogel as Integrated Anodes for Lithium-Ion Batteries. <i>ChemistrySelect</i> , 2020, 5, 5323-5329.	1.5	8
101	Facile synthesis of novel tungsten-based hierarchical core-shell composite for ultrahigh volumetric lithium storage. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 28-36.	9.4	8
102	Preparation and lithium storage performances of g-C <sub>3</sub> N <sub>4</sub> /Si nanocomposites as anode materials for lithium-ion battery. <i>Frontiers in Energy</i> , 2020, 14, 759-766.	2.3	8
103	Constructing Cu <sub>2</sub> O@Ni-Al LDH core-shell structure for high performance supercapacitor electrode material. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	7
104	Comparison of Structural and Optical Properties for N-Embedded Polycyclic and Non-Embedded Cationic Phosphorescent Iridium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1343-1348.	2.0	7
105	Graphene Aerogel Supported Fe <sup>2+</sup> /Co Selenide Nanocubes as Binder-Free Anodes for Lithium-Ion Batteries. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1025-1030.	1.2	6
106	A Collaborative Strategy for Boosting Lithium Storage Performance of Iron Phosphide by Fabricating Hollow Structure and Doping Cobalt Species. <i>ChemistrySelect</i> , 2020, 5, 11378-11382.	1.5	5
107	CoS <sub>2</sub> Nanoparticles Embedded in Two-Dimensional Sheet-Shaped N-Doped Carbon for Sodium Storage. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1536-1541.	2.0	5
108	Engineering Ultrathin MoS <sub>2</sub> Nanosheets on Co <sub>x</sub> P/Nitrogen-Doped Carbon Nanocubes for Efficient Hydrogen Evolution. <i>ChemistrySelect</i> , 2020, 5, 8233-8240.	1.5	4

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109	Co <sub>3</sub> O <sub>4</sub> on Fe, N Doped Bio-Carbon Substrate for Electrocatalysis of Oxygen Reduction. European Journal of Inorganic Chemistry, 2020, 2020, 3869-3876.	2.0	4
110	Superhigh selective capture of volatile organic compounds exploiting cigarette butts-derived engineering carbonaceous adsorbent. Chinese Journal of Chemical Engineering, 2022, 46, 194-206.	3.5	4
111	Synthesis and magnetic properties of Fe <sub>3</sub> O <sub>4</sub> /helical carbon nanofiber nanocomposites from the catalytic pyrolysis of ferrocene. Science Bulletin, 2011, 56, 3199.	1.7	3
112	A New Facial Homoleptic Tris-cyclometalated Iridium(III) Complex with Oxygen-bridged Triarylamine Units. ChemistrySelect, 2020, 5, 4592-4595.	1.5	3
113	Vertically Aligned MoS <sub>2</sub> Nanosheets on Nitrogen-Doped Carbon Sheets for Enhanced Electrocatalytic Hydrogen Evolution. ChemistrySelect, 2021, 6, 10092-10096.	1.5	3
114	Improve the Conductivity of CuBTC by in-situ Reduction to Core-Shell CuTCNQ@CuBTC. ChemistrySelect, 2020, 5, 15049-15054.	1.5	2
115	Oxygen-Bridged Triphenylamine Units Tuning the Photophysical Properties of Classical Phosphorescent Iridium(III) Complex. ChemistrySelect, 2021, 6, 1777-1781.	1.5	2
116	An Orange-Emitting Phosphorescent Iridium(III) Complex Featuring Three Strong Electron-Donating N-Embedded $\pi$ -Conjugation Units. ChemistrySelect, 2022, 7, .	1.5	0