

# Dong-Sheng Li

## List of Publications by Year in descending order

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262  
papers

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264  
all docs

264  
docs citations

264  
times ranked

11311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amorphous alloys for electrocatalysis: The significant role of the amorphous alloy structure. Nano Research, 2023, 16, 4277-4288.	10.4	32
2	Uncovering the synergistic photocatalytic behavior of bimetallic molecular catalysts. Chinese Chemical Letters, 2023, 34, 107146.	9.0	4
3	Four new isostructural metal-organic frameworks constructed by a new butterfly-typed nitroheterocyclic carboxylic acid: Synthesis, crystal structures and properties. Journal of Solid State Chemistry, 2022, 305, 122617.	2.9	0
4	Stable 3D neutral gallium thioantimonate frameworks decorated with transition metal complexes for a tunable photocatalytic hydrogen evolution. Dalton Transactions, 2022, 51, 978-985.	3.3	5
5	Three novel Co(II)-MOFs with a conjugated tetrabenzoic acid supported noble metal nanoparticles for efficient catalytic reduction of 4-nitrophenol. Journal of Solid State Chemistry, 2022, 307, 122867.	2.9	4
6	Ferrocene-Functionalized Crystalline Biomimetic Catalysts for Efficient CO <sub>2</sub> Photoreduction. Inorganic Chemistry, 2022, 61, 2167-2173.	4.0	8
7	Postsynthetic Modification of Metal-Organic Frameworks for Photocatalytic Applications. Small Structures, 2022, 3, .	12.0	30
8	Efficient Visible-Light Photoreduction of CO <sub>2</sub> to CH <sub>4</sub> over an Fe-Based Metal-Organic Framework (PCN-250-Fe <sub>3</sub> ) in a Solid-Gas Mode. ACS Applied Energy Materials, 2022, 5, 2384-2390.	5.1	27
9	Design of mesoporous Ni-Co hydroxides nanosheets stabilized by BO <sub>2</sub> - for pseudocapacitors with superior performance. Journal of Colloid and Interface Science, 2022, 614, 66-74.	9.4	8
10	Mechanistic insights into H <sub>2</sub> evolution via water splitting at the expense of B <sub>2</sub> (OH) <sub>4</sub> : a theoretical study. Physical Chemistry Chemical Physics, 2022, 24, 8182-8188.	2.8	5
11	Facile in Situ Transformation of NiOOH into MOF-74(Ni)/NiO OH Heterogeneous Composite for Enhancing Electrocatalytic Methanol Oxidation. Molecules, 2022, 27, 2113.	3.8	4
12	Pillar-Layer Chiral MOFs as a Crystalline Platform for Circularly Polarized Luminescence and Single-Phase White-Light Emission. ACS Applied Materials & Interfaces, 2022, 14, 16435-16444.	8.0	22
13	Cu-MOF@PVP/PVDF hybrid composites as tunable proton-conducting materials. Journal of Solid State Chemistry, 2022, 310, 123070.	2.9	9
14	Visible-light-driven solvent-free photocatalytic CO <sub>2</sub> reduction to CO by Co-MOF/Cu <sub>2</sub> O heterojunction with superior selectivity. Chemical Engineering Journal, 2022, 438, 135622.	12.7	103
15	Novel core-shell SnIn <sub>4</sub> S <sub>8</sub> @Bi <sub>2</sub> MoO <sub>6</sub> heterojunction with highly-enhanced photocatalytic activity for visible light-driven Cr (VI) reduction. Applied Surface Science, 2022, 589, 152888.	6.1	16
16	Fe-doped CoFe-P phosphides nanosheets dispersed on nickel foam derived from Prussian blue analogues as efficient electrocatalysts for the oxygen evolution reaction. Journal of Solid State Chemistry, 2022, 311, 123084.	2.9	4
17	Thermal treatment for promoting interfacial interaction in Co-BDC/Ti <sub>3</sub> C <sub>2</sub> T hybrid nanosheets for hybrid supercapacitors. Journal of Colloid and Interface Science, 2022, 617, 633-640.	9.4	19
18	Recent advances of functional heterometallic-organic framework (HMOF) materials: Design strategies and applications. Coordination Chemistry Reviews, 2022, 463, 214521.	18.8	45

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19	Construction and two-dimensional assembly of double-shell $\text{Na@Sn}_6\text{L}_6\text{@Sn}_3\text{L}_3$ clusters through tetrahedral citrate ligands. Chemical Communications, 2022, 58, 5650-5652.	4.1	3
20	General Synthesis of Transition-Metal-Based Carbon-Group Intermetallic Catalysts for Efficient Electrocatalytic Hydrogen Evolution in Wide pH Range. Advanced Energy Materials, 2022, 12, .	19.5	50
21	Postsynthetic Modification of Metal-Organic Frameworks for Photocatalytic Applications. Small Structures, 2022, 3, .	12.0	3
22	Progress on 3D-Printed Metal-Organic Frameworks with Hierarchical Structures. Advanced Materials Technologies, 2022, 7, .	5.8	10
23	Silver-Templated $\beta$ -Keggin Alkyltin-Oxo Cluster: Electronic Structure and Optical Limiting Effect. Angewandte Chemie - International Edition, 2022, 61, .	13.8	14
24	Silver-Templated $\beta$ -Keggin Alkyltin-Oxo Cluster: Electronic Structure and Optical Limiting Effect. Angewandte Chemie, 2022, 134, .	2.0	1
25	Heterogeneous Ni-MOF/ $\text{V}_2\text{CT}_x$ -MXene hierarchically-porous nanorods for robust and high energy density hybrid supercapacitors. Journal of Materials Chemistry A, 2022, 10, 12225-12234.	10.3	41
26	Interstitally O-doped $\text{Cd}_x\text{Zn}_{1-x}\text{S}$ solid solution derived from chalcogenide molecular clusters for photocatalytic hydrogen evolution. Inorganic Chemistry Frontiers, 2022, 9, 3771-3778.	6.0	4
27	Turning on photoelectric activity by cation exchange within an anionic pyrene-based hydrogen-bonded organic framework. Dyes and Pigments, 2022, 205, 110506.	3.7	6
28	Topology- and Guest-Dependent Photoelectric Conversion of 2D Anionic Pyrene-Based Metal-Organic Framework. Crystal Growth and Design, 2022, 22, 4018-4024.	3.0	27
29	Self-assembly and near-infrared photothermal conversion research of molecular figure-of-eight. Journal of Solid State Chemistry, 2022, 313, 123320.	2.9	3
30	DFT-Guided Design and Fabrication of Carbon-Nitride-Based Materials for Energy Storage Devices: A Review. Nano-Micro Letters, 2021, 13, 13.	27.0	91
31	Amylopectin from Glutinous Rice as a Sustainable Binder for High-Performance Silicon Anodes. Energy and Environmental Materials, 2021, 4, 263-268.	12.8	24
32	Electric field modulated ion-sieving effects of graphene oxide membranes. Journal of Materials Chemistry A, 2021, 9, 244-253.	10.3	4
33	Three new copper(II) coordination polymers constructed from isomeric sulfo-functionalized phthalate tectonics: Synthesis, crystal structure, photocatalytic and proton conduction properties. Journal of Solid State Chemistry, 2021, 294, 121860.	2.9	23
34	Two new pseudo-isomeric nickel (II) metal-organic frameworks with efficient electrocatalytic activity toward methanol oxidation. Rare Metals, 2021, 40, 489-498.	7.1	36
35	Convenient synthesis of polymetallic metal-organic gels for efficient methanol electro-oxidation. Inorganic Chemistry Frontiers, 2021, 8, 927-933.	6.0	11
36	Functional ligand directed assembly and electronic structure of $\text{Sn}_{18}$ -oxo wheel nanoclusters. Chemical Communications, 2021, 57, 5159-5162.	4.1	4

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37	Recent advances in the “one-off” approaches for on-demand liquid-phase hydrogen evolution. Journal of Materials Chemistry A, 2021, 9, 18164-18174.	10.3	60
38	In situ synthesis of hierarchical NiCo-MOF@Ni <sub>1-x</sub> Co <sub>x</sub> (OH) <sub>2</sub> heterostructures for enhanced pseudocapacitor and oxygen evolution reaction performances. Dalton Transactions, 2021, 50, 3060-3066.	3.3	23
39	Halide perovskite composites for photocatalysis: A mini review. EcoMat, 2021, 3, e12079.	11.9	60
40	An amorphous NiS <sub>x</sub> film as a robust cocatalyst for boosting photocatalytic hydrogen generation over ultrafine ZnCdS nanoparticles. Materials Advances, 2021, 2, 3881-3891.	5.4	14
41	Oligomerized imide and thioimide organic cathode materials via a H-transfer mechanism for high capacity lithium ion batteries. Journal of Materials Chemistry A, 2021, 9, 18306-18312.	10.3	4
42	Exploring Reversible Thermochromic Behavior in a Rare Ni(II)-MOF System. ACS Applied Materials & Interfaces, 2021, 13, 6430-6441.	8.0	7
43	Influence of surfactants on rheological behaviors of polyacrylonitrile/dimethyl sulfoxide/silicon blending polymer solutions. Journal of Applied Polymer Science, 2021, 138, 50691.	2.6	1
44	Portable wastewater treatment system based on synergistic photocatalytic and persulphate degradation under visible light. Science China Materials, 2021, 64, 1952-1963.	6.3	6
45	Bifunctional electrocatalysts derived from cluster-based ternary sulfides for oxygen electrode reactions. Electrochimica Acta, 2021, 376, 138048.	5.2	8
46	A water-stable Zn (II) coordination polymer as fluorescent sensor for selective and sensitive detection of antibiotics and Fe <sup>3+</sup> . Journal of Solid State Chemistry, 2021, 296, 122032.	2.9	14
47	General Synthesis of Hierarchically Macro/Mesoporous Fe,Ni-Doped CoSe/N-Doped Carbon Nanoshells for Enhanced Electrocatalytic Oxygen Evolution. Inorganic Chemistry, 2021, 60, 6782-6789.	4.0	13
48	Common Strategy: Mounting the Rod-like Ni-Based MOF on Hydrangea-Shaped Nickel Hydroxide for Superior Electrocatalytic Methanol Oxidation Reaction. ACS Applied Materials & Interfaces, 2021, 13, 26472-26481.	8.0	51
49	Multifunctional Mulberry-like BiVO <sub>4</sub> @Bi <sub>2</sub> O <sub>3</sub> Heterostructures with Enhanced both Photocatalytic Reduction and Oxidation Activities. ChemCatChem, 2021, 13, 3357-3367.	3.7	10
50	A chalcogenide-cluster-based semiconducting nanotube array with oriented photoconductive behavior. Nature Communications, 2021, 12, 4275.	12.8	17
51	Two dimensional ultrathin MoSe <sub>2</sub> bedecked Zn <sub>0.5</sub> Cd <sub>0.5</sub> S for reinforced photocatalytic H <sub>2</sub> generation and toxic Cr (VI) reduction. Applied Surface Science, 2021, 554, 149649.	6.1	18
52	Superprotonic conductivity of a 3D anionic metal-organic framework by synergistic effect of guest [Me <sub>2</sub> NH <sub>2</sub> ] <sup>+</sup> cations, water molecules and host carboxylates. Journal of Solid State Chemistry, 2021, 299, 122168.	2.9	3
53	Bifunctional Pd@RhPd Core-Shell Nanodendrites for Methanol Electrolysis. ACS Applied Materials & Interfaces, 2021, 13, 35767-35776.	8.0	28
54	Engineering Synergistic Edge-N Dipole in Metal-Free Carbon Nanoflakes toward Intensified Oxygen Reduction Electrocatalysis. Advanced Functional Materials, 2021, 31, 2103187.	14.9	54

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55	Review of Cathode in Advanced Li <sup>+</sup> S Batteries: The Effect of Doping Atoms at Micro Levels. ChemElectroChem, 2021, 8, 3457-3471.	3.4	15
56	Controlled fabrication of Ag nanoparticles in situ embedded in metal organic gel (MOG) as an efficient recyclable catalyst for the reduction of nitrophenol compounds. Inorganic Chemistry Communication, 2021, 129, 108633.	3.9	7
57	A universal high-efficient and reusable "on-off" switch for the on-demand hydrogen evolution. Chemical Engineering Journal Advances, 2021, 7, 100128.	5.2	8
58	Dynamic Restructuring of Cu <sup>+</sup> Doped SnS <sub>2</sub> Nanoflowers for Highly Selective Electrochemical CO <sub>2</sub> Reduction to Formate. Angewandte Chemie, 2021, 133, 26437-26441.	2.0	8
59	Dynamic Restructuring of Cu <sup>+</sup> Doped SnS <sub>2</sub> Nanoflowers for Highly Selective Electrochemical CO <sub>2</sub> Reduction to Formate. Angewandte Chemie - International Edition, 2021, 60, 26233-26237.	13.8	66
60	0D/1D heterostructure for efficient electrocatalytic CO <sub>2</sub> -to-C <sub>1</sub> conversion by ultra-small cluster-based multi-metallic sulfide nanoparticles and MWCNTs. Chemical Engineering Journal, 2021, 422, 130045.	12.7	12
61	A synergistic effect between S-scheme heterojunction and Noble-metal free cocatalyst to promote the hydrogen evolution of ZnO/CdS/MoS <sub>2</sub> photocatalyst. Chemical Engineering Journal, 2021, 424, 130368.	12.7	90
62	0D/2D heterostructure constructed by ultra-small chalcogenide-cluster aggregated quaternary sulfides and g-C <sub>3</sub> N <sub>4</sub> for enhanced photocatalytic H <sub>2</sub> evolution. Chemical Engineering Journal, 2021, 426, 131216.	12.7	18
63	Sn <sub>6</sub> and Na <sub>4</sub> Oxo Clusters Based Non-centrosymmetric Framework for Solution Iodine Absorption and Second Harmonic Generation Response. Inorganic Chemistry, 2021, 60, 1985-1990.	4.0	10
64	Unveiling the impurity-modulated photoluminescence from Mn <sup>2+</sup> -containing metal chalcogenide semiconductors via Fe <sup>2+</sup> doping. Journal of Materials Chemistry C, 2021, 9, 13680-13686.	5.5	6
65	A novel copper-rich open-framework chalcogenide with chiral topology constructed from distinctive bimetallic [Cu <sub>5</sub> SnSe <sub>10</sub> ] clusters. Dalton Transactions, 2021, 50, 14985-14989.	3.3	6
66	Efficient Energy-Transfer-Induced High Photoelectric Conversion in a Dye-Encapsulated Ionic Pyrene-Based Metal-Organic Framework. Inorganic Chemistry, 2021, 60, 18593-18597.	4.0	75
67	In Situ Synthesis of Surface-Mounted Novel Nickel(II) Trimer-Based MOF on Nickel Oxide Hydroxide Heterostructures for Enhanced Methanol Electro-Oxidation. Frontiers in Chemistry, 2021, 9, 780688.	3.6	1
68	Three 2D polyhalogenated Co(II)-based MOFs: Syntheses, crystal structure and electrocatalytic hydrogen evolution reaction. Journal of Solid State Chemistry, 2020, 281, 121052.	2.9	25
69	A Novel Heterometallic Cd <sup>II</sup> -Eu <sup>III</sup> Metal-Organic Framework as a Sensitive Luminescent Sensor for the Dual Detection of Ronidazole and 4-Nitrophenol. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 268-274.	1.2	21
70	Hierarchical heterostructure of SnO <sub>2</sub> confined on CuS nanosheets for efficient electrocatalytic CO <sub>2</sub> reduction. Nanoscale, 2020, 12, 772-784.	5.6	41
71	Amorphous CoMoS <sub>4</sub> Nanostructure for Photocatalytic H <sub>2</sub> Generation, Nitrophenol Reduction, and Methylene Blue Adsorption. ACS Applied Nano Materials, 2020, 3, 68-76.	5.0	15
72	Three new entangled Zn(II)/Cd(II)-MOFs based on a triangular tri(4-imidazolylphenyl)amine and different carboxylic acid: Crystal structures, and luminescent properties. Inorganic Chemistry Communication, 2020, 112, 107702.	3.9	2

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73	U-Shaped Helical Azaarenes: Synthesis, Structures, and Properties. <i>Journal of Organic Chemistry</i> , 2020, 85, 291-295.	3.2	10
74	Two-Dimensional (2D) Covalent Organic Framework as Efficient Cathode for Binder-free Lithium-ion Battery. <i>ChemSusChem</i> , 2020, 13, 2457-2463.	6.8	159
75	The highly selective detecting of antibiotics and support of noble metal catalysts by a multifunctional Eu-MOF. <i>Dalton Transactions</i> , 2020, 49, 14854-14862.	3.3	60
76	Atomically precise metal-chalcogenide semiconductor molecular nanoclusters with high dispersibility: Designed synthesis and intracuster photocarrier dynamics. <i>Nano Research</i> , 2020, 13, 2828-2836.	10.4	22
77	A Photoconductive X-ray Detector with a High Figure of Merit Based on an Open Framework Chalcogenide Semiconductor. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18605-18610.	13.8	21
78	Green Grinding-Coassembly Engineering toward Intrinsically Luminescent Tetracene in Cocrystals. <i>ACS Nano</i> , 2020, 14, 15962-15972.	14.6	54
79	Antimony-Assisted Assembly of Basic Supertetrahedral Clusters into Heterometallic Chalcogenide Supraclusters. <i>Inorganic Chemistry</i> , 2020, 59, 13000-13004.	4.0	6
80	Synthesis of Semiconducting 2H-Phase WTe <sub>2</sub> Nanosheets with Large Positive Magnetoresistance. <i>Inorganic Chemistry</i> , 2020, 59, 11935-11939.	4.0	17
81	Two new layered metal chalcogenide frameworks as photocatalysts for highly efficient and selective dye degradation. <i>Dalton Transactions</i> , 2020, 49, 13276-13281.	3.3	5
82	Axial Cl/Br atom-mediated CO <sub>2</sub> electroreduction performance in a stable porphyrin-based metal-organic framework. <i>Chemical Communications</i> , 2020, 56, 14817-14820.	4.1	10
83	Enhanced Water Dispersibility of Discrete Chalcogenide Nanoclusters with a Sodalite-Net Loose-Packing Pattern in a Crystal Lattice. <i>Inorganic Chemistry</i> , 2020, 59, 15587-15594.	4.0	18
84	New Insights into Mn-Mn Coupling Interaction-Directed Photoluminescence Quenching Mechanism in Mn <sup>2+</sup> -Doped Semiconductors. <i>Journal of the American Chemical Society</i> , 2020, 142, 6649-6660.	13.7	85
85	Investigation on the Component Evolution of a Tetranuclear Nickel-Cluster-Based Metal-Organic Framework in an Electrochemical Oxidation Reaction. <i>Inorganic Chemistry</i> , 2020, 59, 4764-4771.	4.0	42
86	Direct observation of charge transfer between molecular heterojunctions based on inorganic semiconductor clusters. <i>Chemical Science</i> , 2020, 11, 4085-4096.	7.4	16
87	A high-activity bimetallic OER cocatalyst for efficient photoelectrochemical water splitting of BiVO <sub>4</sub> . <i>Nanoscale</i> , 2020, 12, 8875-8882.	5.6	21
88	Covalent-Organic Frameworks: Advanced Organic Electrode Materials for Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 1904199.	19.5	425
89	Highly stable 3D porous HMOF with enhanced catalysis and fine color regulation by the combination of d- and p-ions when compared with those of its monometallic MOFs. <i>Chemical Communications</i> , 2020, 56, 8758-8761.	4.1	52
90	Metal Nanocluster Assisted Cu-Ca-Sn Tri-Doping for Enhanced Photoelectrochemical Water Splitting of BiVO <sub>4</sub> Film. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000016.	3.7	16



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91	Metal-organic frameworks of Cu <sub>2</sub> (TPTC)-catalyzed cascade C-S coupling/Csp <sup>2</sup> -H hydroxylation reaction. Journal of the Iranian Chemical Society, 2020, 17, 1339-1345.	2.2	5
92	Two Copper-Rich Open-Framework Chalcogenides Built from Unusual [Cu <sub>5</sub> (Sn <sub>x</sub> M <sub>1-x</sub> )Se <sub>10</sub> ] Clusters and [(Sn <sub>x</sub> M <sub>1-x</sub> ) <sub>2</sub> Se <sub>6</sub> ] Dimeric Linkers (M = In and Ga). Inorganic Chemistry, 2020, 59, 7919-7923.	4.0	4
93	In Situ Synthesis of Nano CuS-Embedded MOF Hierarchical Structures and Application in Dye Adsorption and Hydrogen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 5698-5706.	5.1	28
94	Bi-Microporous Metal-Organic Frameworks with Cubane [M <sub>4</sub> (OH) <sub>4</sub> ] (M=Ni,) Tj ETQq0 0 0 rgBT /Overlock Chemie - International Edition, 2019, 58, 12185-12189.	13.8	350
95	Bi-Microporous Metal-Organic Frameworks with Cubane [M <sub>4</sub> (OH) <sub>4</sub> ] (M=Ni,) Tj ETQq1 1 0.784314 rgBT /Overlock Chemie, 2019, 131, 12313-12317.	2.0	47
96	Stable Bimetal-MOF Ultrathin Nanosheets for Pseudocapacitors with Enhanced Performance. Inorganic Chemistry, 2019, 58, 9543-9547.	4.0	48
97	A Water-Stable Terbium(III)-Organic Framework as a Chemosensor for Inorganic Ions, Nitro-Containing Compounds and Antibiotics in Aqueous Solutions. Chemistry - an Asian Journal, 2019, 14, 3694-3701.	3.3	163
98	Nanostructured Metal-Organic Conjugated Coordination Polymers with Ligand Tailoring for Superior Rechargeable Energy Storage. Small, 2019, 15, e1903188.	10.0	57
99	Molecular Modulation of a Molybdenum-Selenium Cluster by Sulfur Substitution To Enhance the Hydrogen Evolution Reaction. Inorganic Chemistry, 2019, 58, 12415-12421.	4.0	9
100	Noble-metal-free amorphous CoMoSx modified CdS core-shell nanowires for dramatically enhanced photocatalytic hydrogen evolution under visible light irradiation. Applied Surface Science, 2019, 498, 143863.	6.1	40
101	A new 3D 8-fold interpenetrating 66-dia topological Co-MOF: Syntheses, crystal structure, magnetic properties and electrocatalytic hydrogen evolution reaction. Journal of Solid State Chemistry, 2019, 279, 120929.	2.9	24
102	A new cluster-based chalcogenide zeolite analogue with a large inter-cluster bridging angle. Inorganic Chemistry Frontiers, 2019, 6, 3063-3069.	6.0	14
103	Light-triggered evolution of molecular clusters toward sub-nanoscale heterojunctions with high interface density. Chemical Communications, 2019, 55, 8146-8149.	4.1	2
104	Bi <sub>4</sub> O <sub>5</sub> I <sub>2</sub> flower/Bi <sub>2</sub> S <sub>3</sub> nanorod heterojunctions for significantly enhanced photocatalytic performance. CrystEngComm, 2019, 21, 4158-4168.	2.6	24
105	Exploring improvement of photocatalytic and catalytic performance in Nd-doped BiYO <sub>3</sub> nanotube systems. Inorganic Chemistry Communication, 2019, 106, 151-157.	3.9	10
106	Surfactants as promising media in the field of metal-organic frameworks. Coordination Chemistry Reviews, 2019, 391, 30-43.	18.8	296
107	A multivalent mixed-metal strategy for single-Cu <sup>+</sup> -ion-bridged cluster-based chalcogenide open frameworks for sensitive nonenzymatic detection of glucose. Chemical Communications, 2019, 55, 6357-6360.	4.1	26
108	Integration of Semiconductor Oxide and a Microporous (3,10)-Connected Co <sub>6</sub> -Based Metal-Organic Framework for Enhanced Oxygen Evolution Reaction. Inorganic Chemistry, 2019, 58, 5837-5843.	4.0	61

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109	<i>In situ</i> synthesis of a Fe <sub>3</sub> S <sub>4</sub> /MIL-53(Fe) hybrid catalyst for an efficient electrocatalytic hydrogen evolution reaction. Chemical Communications, 2019, 55, 4570-4573.	4.1	63
110	One-pot hydrothermal synthesis of willow branch-shaped MoS <sub>2</sub> /CdS heterojunctions for photocatalytic H <sub>2</sub> production under visible light irradiation. Chinese Journal of Catalysis, 2019, 40, 371-379.	14.0	136
111	A Water Stable Cd <sup>II</sup> -based Metal-Organic Framework as a Multifunctional Sensor for Selective Detection of Cu <sup>2+</sup> and Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> Ions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 484-489.	1.2	10
112	Two Penta-Supertetrahedral Cluster-Based Chalcogenide Open Frameworks: Effect of the Cluster Spatial Connectivity on the Electron-Transport Efficiency. Inorganic Chemistry, 2019, 58, 3582-3585.	4.0	18
113	Stable Hierarchical Bimetal-Organic Nanostructures as HighPerformance Electrocatalysts for the Oxygen Evolution Reaction. Angewandte Chemie - International Edition, 2019, 58, 4227-4231.	13.8	430
114	Novel Composites of Graphitic-Phase Nitrogen Carbon/Lanthanide Coordination Polymers as White Light-Emitting Phosphor. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 1279-1284.	1.2	2
115	Cooperativity by Multi-Metals Confined in Supertetrahedral Sulfide Nanoclusters To Enhance Electrocatalytic Hydrogen Evolution. Chemistry of Materials, 2019, 31, 553-559.	6.7	48
116	Monometallic Catalytic Models Hosted in Stable Metal-Organic Frameworks for Tunable CO <sub>2</sub> Photoreduction. ACS Catalysis, 2019, 9, 1726-1732.	11.2	297

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127	Metathesis in Metal-Organic Gels (MOGs): A Facile Strategy to Construct Robust Fluorescent Ln-MOG Sensors for Antibiotics and Explosives. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 186-193.	2.0	30
128	<i>In situ</i> synthesis of $\text{Bi}_2\text{MoO}_6$ & $\text{Bi}_2\text{S}_3$ heterojunctions for highly efficient photocatalytic removal of $\text{Cr}(\text{VI})$ . <i>Journal of Materials Chemistry A</i> , 2018, 6, 22580-22589.	10.3	200
129	Two new 3D isostructural Co/Ni-MOFs showing four-fold polyrotaxane-like networks: Synthesis, crystal structures and hydrogen evolution reaction. <i>Inorganic Chemistry Communication</i> , 2018, 98, 141-144.	3.9	20
130	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type $[\text{Pb}_6\text{Br}_{19}]^{7-}$ Nanoclusters. <i>Inorganic Chemistry</i> , 2018, 57, 14035-14038.	4.0	23
131	Natural Biomass-Derived Hierarchical Porous Carbon Synthesized by an <i>In Situ</i> Hard Template Coupled with NaOH Activation for Ultrahigh Rate Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13949-13959.	6.7	128
132	Exploring the effects of intercluster torsion stress on $\text{Mn}^{2+}$ -related red emission from cluster-based layered metal chalcogenides. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10480-10485.	5.5	10
133	Hybrid Assembly of Different-Sized Supertetrahedral Clusters into a Unique Non-Interpenetrated $\text{Mn-In-S}$ Open Framework with Large Cavity. <i>Inorganic Chemistry</i> , 2018, 57, 6710-6715.	4.0	14
134	Metal-Organic Frameworks for Separation. <i>Advanced Materials</i> , 2018, 30, e1705189.	21.0	835
135	Two-Dimensional Boron Sheets as Metal-Free Catalysts for Hydrogen Evolution Reaction. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19051-19055.	3.1	63
136	Four different dimensional Zn(II) coordination polymers as fluorescent sensor for detecting $\text{Hg}^{2+}$ , $\text{CrO}_7^{2-}$ in aqueous solution. <i>Journal of Solid State Chemistry</i> , 2018, 266, 181-188.	2.9	19
137	Tunable $\text{MoS}_2/\text{SnO}_2$ $\text{p-n}$ Heterojunctions for an Efficient Trimethylamine Gas Sensor and 4-Nitrophenol Reduction Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12375-12384.	6.7	151
138	Metal Chalcogenide Imidazolate Frameworks with Hybrid Intercluster Bridging Mode and Unique Interrupted Topological Structure. <i>Inorganic Chemistry</i> , 2018, 57, 9790-9793.	4.0	12
139	Improved conductivity of a new $\text{Co}(\text{II})$ -MOF by assembled acetylene black for efficient hydrogen evolution reaction. <i>CrystEngComm</i> , 2018, 20, 4804-4809.	2.6	45
140	A new 2D Co 5 -cluster based MOF: Crystal structure, magnetic properties and electrocatalytic hydrogen evolution reaction. <i>Inorganic Chemistry Communication</i> , 2018, 95, 73-77.	3.9	24
141	A Microporous Heterovalent Copper-Organic Framework Based on $[\text{Cu}_2]\text{In}$ and $\text{Cu}_2(\text{CO}_2)_4$ Secondary Building Units: High Performance for $\text{CO}_2$ Adsorption and Separation and Iodine Sorption and Release. <i>Crystal Growth and Design</i> , 2018, 18, 5449-5455.	3.0	29
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#	ARTICLE	IF	CITATIONS
253	A novel 4 $\times$ 82 CdII network constructed from helical motif: Incorporating alternate left- and right-hand helical water chains. <i>Inorganic Chemistry Communication</i> , 2008, 11, 958-960.	3.9	19
254	{[Dy <sub>2</sub> (bpdc) <sub>3</sub> (H <sub>2</sub> O) <sub>3</sub> ] $\cdot$ H <sub>2</sub> O} <sub>n</sub> (bpdc=2,2'-bipyridine-4,4'-dicarboxylate): A highly-thermostable 3D coordination polymer with unusual mixed-connected network topology. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1260-1263.	3.9	20
255	1D zigzag chain and 0D monomer Cd(II)/Zn(II) compounds based on flexible phenylenediacetic ligand: Synthesis, crystal structures and fluorescent properties. <i>Journal of Molecular Structure</i> , 2008, 892, 283-288.	3.6	51
256	A Novel Two-Dimensional Heterometallic Coordination Polymer Containing Unusual Hetero-Chiral Helical Chains. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 524-528.	0.6	3
257	A 3D interpenetrating supramolecular compound based on Cu <sup>II</sup> N weak coordination: synthesis, crystal structure and DFT investigation. <i>Journal of Coordination Chemistry</i> , 2008, 61, 2916-2925.	2.2	3
258	Unprecedented Interweaving of Hetero-Chiral Single Helical Chains into a 3D Chiral Framework with (10, 3) Topology. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 652-656.	0.6	1
259	Ligand and pH-Controlled ZnII Bilayer Coordination Polymers Based on Biphenyl-3,3',4,4'-tetracarboxylate. <i>Crystal Growth and Design</i> , 2007, 7, 1514-1521.	3.0	136
260	Novel 3D Supramolecular Architectures Constructed from Zn <sup>2+</sup> ions, Oxybis(4-benzoate) and Di(2-pyridyl)amine Ligands. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1641-1645.	4.9	4
261	Formation of Two-Dimensional Supramolecular Water Layer Containing (H <sub>2</sub> O) <sub>18</sub> Morphology via Dianion Templating. <i>Crystal Growth and Design</i> , 2006, 6, 812-814.	3.0	57
262	1-D Open-Channeled 3-D Supramolecular Self-Assembled Frameworks Encapsulating Unprecedented Cyclic (H <sub>2</sub> O) <sub>8</sub> Clusters or Solvent Molecules. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2678-2684.	2.0	54