

Yun Gong

List of Publications by Year in descending order

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218677

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2365
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#	ARTICLE	IF	CITATIONS
1	Chromium vanadate with unsaturated coordination sites for high-performance zinc-ion battery. <i>Chemical Engineering Journal</i> , 2022, 431, 134034.	12.7	27
2	Aluminium vanadate with unsaturated coordinated V centers and oxygen vacancies: surface migration and partial phase transformation mechanism in high performance zinc-ion batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 912-927.	10.3	32
3	Unsaturated coordination modes of Mn/V in manganese vanadate: Inner capture and surface migration of zinc ions for high performance zinc-ion battery. <i>Journal of Power Sources</i> , 2022, 525, 231134.	7.8	15
4	Coordination polymer-derived Al ³⁺ -doped V ₂ O ₃ /C with rich oxygen vacancies for an advanced aqueous zinc-ion battery with ultrahigh rate capability. <i>Sustainable Energy and Fuels</i> , 2022, 6, 2020-2037.	4.9	7
5	Coordination compound-derived Al-doped Fe ₃ O ₄ /C as an efficient electrocatalyst for oxygen evolution reaction. <i>Journal of Solid State Chemistry</i> , 2022, 310, 123049.	2.9	3
6	MOF-derived MnV ₂ O ₄ /C Microparticles with Graphene Coating Anchored on Graphite Sheets: Oxygen Defect Engaged High Performance Aqueous Zinc-ion Battery. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	6
7	Structural Oxygen Vacancies and Crystalline Defects in Iron Vanadate with Multiple Redox Centers Boosting Surface Migration for High-performance Zinc-ion Battery. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	4
8	Iron Coordination Polymer, Fe(oxalate)(H ₂ O) ₂ Nanorods Grown on Nickel Foam via One-Step Electrodeposition as an Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Inorganic Chemistry</i> , 2021, 60, 5140-5152.	4.0	9
9	Coordination Polymer-Derived Fe ₃ N Nanoparticles for Efficient Electrocatalytic Oxygen Evolution. <i>Inorganic Chemistry</i> , 2021, 60, 12136-12150.	4.0	21
10	Fe-Triazole coordination compound-derived Fe ₂ O ₃ nanoparticles anchored on Fe-MOF/N-doped carbon nanosheets for efficient electrocatalytic oxygen evolution reaction. <i>Dalton Transactions</i> , 2021, 50, 16829-16841.	3.3	4
11	Matched Facet-induced Microflower-like Li, Ni-codoped Zn ₃ V ₃ O ₈ /V ₂ O ₃ Nanoplate Assemblies Grown on Bamboo-like Carbon Nanotube for High Energy Density Lithium-ion Capacitors. <i>Energy Technology</i> , 2020, , 2000701.	3.8	4
12	A Facile Electrosynthesis of Terephthalate (tp)-Based Metal-Organic Framework, Ni ₃ (OH) ₂ (H ₂ O) ₂ (tp) ₂ with Superior Catalytic Activity for Hydrogen Evolution Reaction. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4215-4224.	2.0	6
13	P-Functionalized and O-deficient TiO _n /VO _m nanoparticles grown on Ni foam as an electrode for supercapacitors: epitaxial grown heterojunction and visible-light-driven photoresponse. <i>Dalton Transactions</i> , 2020, 49, 4476-4490.	3.3	4
14	Cr-doped (Co, Ni) ₃ S ₄ /Co ₉ S ₈ /Ni ₃ S ₂ nanowires/nanoparticles grown on Ni foam for hybrid supercapacitor. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155254.	5.5	27
15	LaF ₃ Nanosheet-induced Epitaxial Growth: Hollow (Co, Ni) ₂ P/LaF ₃ Nanotube Arrays Built by Porous Heterojunction Walls Grown on Ni Foam as Active Electrocatalyst for Hydrogen Evolution Reaction. <i>Inorganic Chemistry</i> , 2020, 59, 7000-7011.	4.0	16
16	(Co, Mn)-Doped NiSe ₂ -diethylenetriamine (dien) nanosheets and (Co, Mn, Sn)-doped NiSe ₂ nanowires for high performance supercapacitors: compositional/morphological evolution and (Co, Mn)-induced electron transfer. <i>Nanoscale</i> , 2019, 11, 16810-16827.	5.6	56
17	Controllable synthesis of Mo O linkage enhanced CoP ultrathin nanosheet arrays for efficient overall water splitting. <i>Applied Surface Science</i> , 2019, 493, 852-861.	6.1	10
18	Calcination/phosphorization of dual Ni/Co-MOF into NiCoP/C nanohybrid with enhanced electrochemical property for high energy density asymmetric supercapacitor. <i>Electrochimica Acta</i> , 2019, 320, 134582.	5.2	78

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19	Na _{0.11} WO ₃ nanoflake arrays grown on Ni foam for high-performance supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 2141-2152.	2.5	2
20	Ultrafine Co ₂ P anchored on porous CoWO ₄ nanofiber matrix for hydrogen evolution: Anion-induced compositional/morphological transformation and interfacial electron transfer. <i>Electrochimica Acta</i> , 2019, 328, 135123.	5.2	14
21	F or V-induced activation of (Co, Ni) ₂ P during electrocatalysis for efficient hydrogen evolution reaction. <i>CrystEngComm</i> , 2019, 21, 6080-6092.	2.6	9
22	K-doped FeOOH/Fe ₃ O ₄ nanoparticles grown on a stainless steel substrate with superior and increasing specific capacity. <i>Dalton Transactions</i> , 2019, 48, 2491-2504.	3.3	19
23	Facile one-pot synthesis of 2D vanadium-doped NiCl(OH) nanoplates assembled by 3D nanosheet arrays on Ni foam for supercapacitor application. <i>Applied Surface Science</i> , 2019, 478, 75-86.	6.1	12
24	Co-Incorporated NiV ₂ O ₆ /Ni(HCO ₃) ₂ nanoflake arrays grown on nickel foam as a high-performance supercapacitor electrode. <i>Dalton Transactions</i> , 2019, 48, 5315-5326.	3.3	14
25	Electrochemical performance of antimony/chlorine-incorporated nickel foam. <i>CrystEngComm</i> , 2019, 21, 7424-7436.	2.6	5
26	Epitaxial grown self-supporting NiSe/Ni ₃ S ₂ /Ni ₁₂ P ₅ vertical nanofiber arrays on Ni foam for high performance supercapacitor: Matched exposed facets and re-distribution of electron density. <i>Nano Energy</i> , 2019, 55, 65-81.	16.0	99
27	Two novel Pb(II) coordination polymers (CPs) based on 4-(4-oxopyridin-1(4H)-yl) and 3-(4-oxopyridin-1(4H)-yl) phthalic acid: Band gaps, structures, and their photoelectrocatalytic properties in CO ₂ -saturated system. <i>Journal of Solid State Chemistry</i> , 2018, 261, 43-52.	2.9	8
28	MOF-derived Cl/O-doped C/CoO and C nanoparticles for high performance supercapacitor. <i>Applied Surface Science</i> , 2018, 448, 50-63.	6.1	43
29	Low-temperature synthesis of NiS/MoS ₂ /C nanowires/nanoflakes as electrocatalyst for hydrogen evolution reaction in alkaline medium via calcining/sulfurizing metal-organic frameworks. <i>Electrochimica Acta</i> , 2018, 274, 74-83.	5.2	40
30	Facile one-pot synthesis of Ni ²⁺ -doped (NH ₄) ₂ V ₃ O ₈ nanoflakes@Ni foam with visible-light-driven photovoltaic behavior for supercapacitor application. <i>Applied Surface Science</i> , 2018, 439, 33-44.	6.1	22
31	One-step synthesis of MnS/MoS ₂ /C through the calcination and sulfurization of a bi-metallic organic framework for a high-performance supercapacitor and its photocurrent investigation. <i>Dalton Transactions</i> , 2018, 47, 5390-5405.	3.3	64
32	Three in situ-synthesized novel inorganic-organic hybrid materials based on metal (M = Bi, Pb) iodide and organoamine using one-pot reactions: structures, band gaps and optoelectronic properties. <i>New Journal of Chemistry</i> , 2018, 42, 699-707.	2.8	7
33	One-step mild synthesis of Mn-based spinel MnII CrIII ₂ O ₄ /MnIII MnIII ₂ O ₄ /C and Co-based spinel CoCr ₂ O ₄ /C nanoparticles as battery-type electrodes for high-performance supercapacitor application. <i>Electrochimica Acta</i> , 2018, 283, 197-211.	5.2	29
34	Coordination polymer-based supercapacitors with matched energy levels: enhanced capacity under visible light illumination in the presence of methanol. <i>Dalton Transactions</i> , 2018, 47, 11146-11157.	3.3	1
35	Synthesis, Structure, and Band Gap of a Novel Inorganic-Organic Hybrid Material Based on Antimony Halide and Organoamine. <i>Crystallography Reports</i> , 2018, 63, 433-437.	0.6	1
36	Nickel sulfide wrapped by porous cobalt molybdate nanosheet arrays grown on Ni foam for oxygen evolution reaction and supercapacitor. <i>Electrochimica Acta</i> , 2018, 286, 65-76.	5.2	28

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37	Ni-Doped Cobalt Phosphite, $\text{Co}_{11}(\text{HPO}_3)_8(\text{OH})_6$, with Different Morphologies Grown on Ni Foam Hydro(solvo)thermally for High-Performance Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31340-31354.	8.0	37
38	Low temperature synthesis of sponge-like $\text{NiV}_2\text{O}_6/\text{C}$ composite by calcining Ni-V-based coordination polymer for supercapacitor application. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 80-91.	3.8	35
39	Metal Complexes Based on 2,5-Dibromophenyl-1,2,4-triazolopyridine and Their Composites with $\text{CH}_3\text{NH}_3\text{PbI}_3$: Structures, Band Gaps, and Enhanced Optoelectronic Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1256-1265.	2.0	2
40	Metal-organic framework derived $\text{Co}_9\text{S}_8@\text{CoS}@\text{CoO}@\text{C}$ nanoparticles as efficient electro- and photo-catalysts for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10495-10509.	10.3	103
41	The photocurrent response in the perovskite device based on coordination polymers: structure, topology, band gap and matched energy levels. <i>Dalton Transactions</i> , 2017, 46, 7866-7877.	3.3	9
42	Coordination polymer based perovskite device: matched energy levels and photocurrent enhancement in the absence or presence of methanol. <i>CrystEngComm</i> , 2017, 19, 7021-7030.	2.6	4
43	Band gaps and photocurrent responses of two novel alkaline earth metal(II) complexes based on 4,5-di(4-carboxylphenyl)benzene. <i>Journal of Solid State Chemistry</i> , 2017, 245, 74-81.	2.9	3
44	Band Gaps and Photocurrent Responses of Bulk and Thin-Film Coordination Polymers Based on 3,6-di(1H-imidazol-1-yl)-1H-carbazole. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4928-4936.	2.6	4
45	Enhanced photocurrent response on a CdTe incorporated coordination polymer based on 3-(3-(1H-imidazol-1-yl)phenyl)-5-(4-(1H-imidazol-1-yl)phenyl)-1-methyl-1H-1,2,4-triazole. <i>RSC Advances</i> , 2016, 6, 73869-73878.	3.6	9
46	Two polymolybdate-based complexes and their graphene composites with visible-light photo-responses. <i>RSC Advances</i> , 2016, 6, 97890-97898.	3.6	3
47	Photocurrent Response of Two Metal(II) Complexes Based on Rigid Ligands. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 322-329.	2.0	13
48	Configurations, band structures and photocurrent responses of 4-(4-oxopyridin-1(4H)-yl)phthalic acid and its metal-organic frameworks. <i>Journal of Solid State Chemistry</i> , 2016, 237, 313-322.	2.9	16
49	Photocurrent-generating properties of bulk and few-layered $\text{Cd}(\text{II})$ coordination polymers based on a rigid dicarboxylate ligand. <i>Dalton Transactions</i> , 2016, 45, 4603-4613.	3.3	23
50	$\text{Cu}(\text{I})$ complex based on 6H-indolo[2,3-b]quinoxaline: structure and electrocatalytic properties for hydrogen evolution reaction from water. <i>RSC Advances</i> , 2015, 5, 34058-34064.	3.6	8
51	Metal-organic frameworks based on rigid ligands as separator membranes in supercapacitor. <i>Dalton Transactions</i> , 2015, 44, 5407-5416.	3.3	34
52	$\text{Metal}(\text{II})$ complex based on 5-[4-(1H-imidazol-1-yl)phenyl]-2H-tetrazole: the effect of the ligand on the electrodes in a lead-acid battery. <i>CrystEngComm</i> , 2015, 17, 1056-1064.	2.6	3
53	Metal(II) complexes synthesized based on quinoline-2,3-dicarboxylate as electrocatalysts for the degradation of methyl orange. <i>Dalton Transactions</i> , 2014, 43, 8454-8460.	3.3	11
54	Two $\text{Co}(\text{II})$ Metal-Organic Frameworks Based on a Multicarboxylate Ligand as Electrocatalysts for Water Splitting. <i>ChemPlusChem</i> , 2014, 79, 266-277.	2.8	35

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55	Metal-organic frameworks built from achiral 3-(5-(pyridin-4-yl)-4H-1,2,4-triazol-3-yl)benzoic acid: syntheses and structures of metal(II) complexes. Dalton Transactions, 2014, 43, 145-151.	3.3	8
56	Metal-organic frameworks based on 4-(4-carboxyphenyl)-2,2,4,4-terpyridine: structures, topologies and electrocatalytic behaviors in sodium laurylsulfonate aqueous solution. CrystEngComm, 2014, 16, 9882-9890.	2.6	16
57	Metal(II) complexes based on 4-(2,6-di(pyridin-4-yl)pyridin-4-yl)benzonitrile: structures and electrocatalysis in hydrogen evolution reaction from water. CrystEngComm, 2014, 16, 8492-8499.	2.6	14
58	A polyoxometalate-based complex with visible-light photochromism as the electrocatalyst for generating hydrogen from water. Dalton Transactions, 2014, 43, 16928-16936.	3.3	10
59	An acid-stable Zn(II) complex: electrodeposition in sulfuric acid and the effect on the zinc-lead dioxide battery. Dalton Transactions, 2014, 43, 17129-17135.	3.3	2
60	Metal(II)-Induced Coordination Polymer Based on 4-(5-(Pyridin-4-yl)-4H-1,2,4-triazol-3-yl)benzoate as an Electrocatalyst for Water Splitting. Crystal Growth and Design, 2014, 14, 649-657.	3.0	58
61	Metal(II) complexes based on 1,4-bis(3-pyridylaminomethyl)benzene: structures, photoluminescence and photocatalytic properties. Dalton Transactions, 2013, 42, 13241.	3.3	37
62	Two novel Co(II) coordination polymers based on 1,4-bis(3-pyridylaminomethyl)benzene as electrocatalysts for oxygen evolution from water. Dalton Transactions, 2013, 42, 12252.	3.3	32
63	Novel metal(II) coordination polymers based on N,N-bis-(4-pyridyl)phthalamide as supercapacitor electrode materials in an aqueous electrolyte. Dalton Transactions, 2013, 42, 1603-1611.	3.3	92
64	Octamolybdate-Based Metal-Organic Framework with Unsaturated Coordinated Metal Center As Electrocatalyst for Generating Hydrogen from Water. Inorganic Chemistry, 2013, 52, 777-784.	4.0	74
65	Metal-organic frameworks based on 1,3,5-triazine-2,4,6-triyltrithio-triacetate: structures, topologies, photoluminescence and photocatalytic properties. Dalton Transactions, 2013, 42, 7196.	3.3	34
66	Mg(II)-induced second-harmonic generation based on bis-monodentate coordination mode of thiobarbiturate. Dalton Transactions, 2013, 42, 6489.	3.3	10
67	Metal-organic frameworks based on naphthalene-1,5-diylldioxy-di-acetate: structures, topologies, photoluminescence and photocatalytic properties. CrystEngComm, 2012, 14, 3727.	2.6	89
68	A homochiral network constructed by supramolecular packing of 2D chiral bilayer: synthesis, structure and property of metal(II) complex based on achiral 3,3',4,4'-oxydiphthalate and coligand. CrystEngComm, 2012, 14, 5862.	2.6	12
69	Organic molecules induced crystal transformation from a two dimensional coordination polymer to chain-like structures. CrystEngComm, 2012, 14, 663-669.	2.6	8
70	Syntheses, Crystal Structures, and Photoluminescence Properties of Three Bis-acylamide Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 438-442.	1.2	1
71	Metal(II) Complexes Based on Imidazo[4,5-f]phenanthroline and Bridging Dicarboxylato Ligands: Synthesis, Characterization and Photoluminescence. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 473-481.	1.2	4
72	Metal-organic frameworks built from achiral cyclohex-1-ene-1,2-dicarboxylate: syntheses, structures and photoluminescence properties. CrystEngComm, 2012, 14, 5649.	2.6	25

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73	Synthesis, structural characterization and anion-sensing studies of metal(II) complexes based on 3,3',4,4'-oxydipthalate and N-donor ligands. Dalton Transactions, 2012, 41, 1961-1970.	3.3	17
74	Metal(II) Coordination Polymers Derived from Bis-pyridyl-bis-amide Ligands and Carboxylates: Syntheses, Topological Structures, and Photoluminescence Properties. Crystal Growth and Design, 2011, 11, 1662-1674.	3.0	169
75	Interpenetrated metal-organic frameworks of self-catenated four-connected metal-organic networks. Chemical Communications, 2011, 47, 5982.	4.1	66
76	Reversible color changes of metal(II)-N1,N3-di(pyridin-4-yl)isophthalamide complexes via desolvation and solvation. Dalton Transactions, 2010, 39, 9923.	3.3	30
77	FLOW SENSING CHARACTERISTICS OF THIN FILM BASED ON MULTI-WALL CARBON NANOTUBES. International Journal of Modern Physics B, 2007, 21, 3473-3476.	2.0	2
78	Synthesis, Characterization and Activity against <i>Staphylococcus</i> of Metal(II)-Gatifloxacin Complexes. Chinese Journal of Chemistry, 2007, 25, 1809-1814.	4.9	69
79	Synthesis and characterization of metal(II)-fluconazole complexes: Chain-like structure and photoluminescence. Journal of Molecular Structure, 2007, 837, 48-57.	3.6	17
80	Anion-directed assembly: Framework conversion in dimensionality and photoluminescence. Journal of Solid State Chemistry, 2007, 180, 1476-1488.	2.9	22
81	Synthesis, Characterization and Properties of Two Novel Complexes Based on 2-Aminopyridine and Polyoxometalates. Chinese Journal of Chemistry, 2006, 24, 1148-1153.	4.9	7
82	Coordination compound-derived La-doped FeS ₂ /N-doped carbon (NC) as an efficient electrocatalyst for oxygen evolution reaction. CrystEngComm, 0, , .	2.6	2
83	Coordination compound-derived Fe ₄ N/Fe ₃ N/Fe/CNT for efficient electrocatalytic oxygen evolution: a facile one-step synthesis in absence of extra nitrogen source. Nanotechnology, 0, , .	2.6	0