

# Yun Gong

## List of Publications by Year in descending order

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83  
papers

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citations

218677

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83  
docs citations

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times ranked

2365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal(II) Coordination Polymers Derived from Bis-pyridyl-bis-amide Ligands and Carboxylates: Syntheses, Topological Structures, and Photoluminescence Properties. <i>Crystal Growth and Design</i> , 2011, 11, 1662-1674.	3.0	169
2	Metal-organic framework derived Co <sub>9</sub> S <sub>8</sub> @CoS@CoO/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
3	Epitaxial grown self-supporting NiSe/Ni <sub>3</sub> S <sub>2</sub> /Ni <sub>12</sub> P <sub>5</sub> 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
4	Novel metal coordination polymers based on N,N'-bis-(4-pyridyl)phthalamide as supercapacitor electrode materials in an aqueous electrolyte. <i>Dalton Transactions</i> , 2013, 42, 1603-1611.	3.3	92
5	Metal-organic frameworks based on naphthalene-1,5-diylldioxy-di-acetate: structures, topologies, photoluminescence and photocatalytic properties. <i>CrystEngComm</i> , 2012, 14, 3727.	2.6	89
6	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
7	Octamolybdate-Based Metal-Organic Framework with Unsaturated Coordinated Metal Center As Electrocatalyst for Generating Hydrogen from Water. <i>Inorganic Chemistry</i> , 2013, 52, 777-784.	4.0	74
8	Synthesis, Characterization and Activity against <i>Staphylococcus</i> of Metal(II)-Gatifloxacin Complexes. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1809-1814.	4.9	69
9	Interpenetrated metal-organic frameworks of self-catenated four-connected mok nets. <i>Chemical Communications</i> , 2011, 47, 5982.	4.1	66
10	One-step synthesis of MnS/MoS <sub>2</sub> /C through the calcination and sulfurization of a bi-metal-organic framework for a high-performance supercapacitor and its photocurrent investigation. <i>Dalton Transactions</i> , 2018, 47, 5390-5405.	3.3	64
11	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. <i>Crystal Growth and Design</i> , 2014, 14, 649-657.	3.0	58
12	(Co, Mn)-Doped NiSe <sub>2</sub> -diethylenetriamine (dien) nanosheets and (Co, Mn, Sn)-doped NiSe <sub>2</sub> nanowires for high performance supercapacitors: compositional/morphological evolution and (Co, Mn)-induced electron transfer. <i>Nanoscale</i> , 2019, 11, 16810-16827.	5.6	56
13	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
14	Low-temperature synthesis of NiS/MoS <sub>2</sub> /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
15	Metal(ii) complexes based on 1,4-bis(3-pyridylaminomethyl)benzene: structures, photoluminescence and photocatalytic properties. <i>Dalton Transactions</i> , 2013, 42, 13241.	3.3	37
16	Ni-Doped Cobalt Phosphite, Co <sub>11</sub> (HPO <sub>3</sub> ) <sub>8</sub> (OH) <sub>6</sub> , with Different Morphologies Grown on Ni Foam Hydro(solvo)thermally for High-Performance Supercapacitor. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 31340-31354.	8.0	37
17	Two Co <sup>II</sup> Metal-Organic Frameworks Based on a Multicarboxylate Ligand as Electrocatalysts for Water Splitting. <i>ChemPlusChem</i> , 2014, 79, 266-277.	2.8	35
18	Low temperature synthesis of sponge-like NiV <sub>2</sub> O <sub>6</sub> /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

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19	Metal-organic frameworks based on 1,3,5-triazine-2,4,6-triyltrithio-triacetate: structures, topologies, photoluminescence and photocatalytic properties. <i>Dalton Transactions</i> , 2013, 42, 7196.	3.3	34
20	Metal-organic frameworks based on rigid ligands as separator membranes in supercapacitor. <i>Dalton Transactions</i> , 2015, 44, 5407-5416.	3.3	34
21	Two novel Co(ii) coordination polymers based on 1,4-bis(3-pyridylaminomethyl)benzene as electrocatalysts for oxygen evolution from water. <i>Dalton Transactions</i> , 2013, 42, 12252.	3.3	32
22	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
23	Reversible color changes of metal(ii)-N1,N3-di(pyridin-4-yl)isophthalamide complexes via desolvation and solvation. <i>Dalton Transactions</i> , 2010, 39, 9923.	3.3	30
24	One-step mild synthesis of Mn-based spinel MnII CrIII2O4/MnII MnIII2O4/C and Co-based spinel CoCr2O4/C nanoparticles as battery-type electrodes for high-performance supercapacitor application. <i>Electrochimica Acta</i> , 2018, 283, 197-211.	5.2	29
25	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
26	Cr-doped (Co, Ni)3S4/Co9S8/Ni3S2 nanowires/nanoparticles grown on Ni foam for hybrid supercapacitor. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155254.	5.5	27
27	Chromium vanadate with unsaturated coordination sites for high-performance zinc-ion battery. <i>Chemical Engineering Journal</i> , 2022, 431, 134034.	12.7	27
28	Metal-organic frameworks built from achiral cyclohex-1-ene-1,2-dicarboxylate: syntheses, structures and photoluminescence properties. <i>CrystEngComm</i> , 2012, 14, 5649.	2.6	25
29	Photocurrent-generating properties of bulk and few-layered Cd(II) coordination polymers based on a rigid dicarboxylate ligand. <i>Dalton Transactions</i> , 2016, 45, 4603-4613.	3.3	23
30	Anion-directed assembly: Framework conversion in dimensionality and photoluminescence. <i>Journal of Solid State Chemistry</i> , 2007, 180, 1476-1488.	2.9	22
31	Facile one-pot synthesis of Ni <sup>2+</sup> -doped (NH <sub>4</sub> ) <sub>2</sub> V <sub>3</sub> O <sub>8</sub> nanoflakes@Ni foam with visible-light-driven photovoltaic behavior for supercapacitor application. <i>Applied Surface Science</i> , 2018, 439, 33-44.	6.1	22
32	Coordination Polymer-Derived Fe <sub>3</sub> N Nanoparticles for Efficient Electrocatalytic Oxygen Evolution. <i>Inorganic Chemistry</i> , 2021, 60, 12136-12150.	4.0	21
33	K-doped FeOOH/Fe <sub>3</sub> O <sub>4</sub> nanoparticles grown on a stainless steel substrate with superior and increasing specific capacity. <i>Dalton Transactions</i> , 2019, 48, 2491-2504.	3.3	19
34	Synthesis and characterization of metal(II)-fluconazole complexes: Chain-like structure and photoluminescence. <i>Journal of Molecular Structure</i> , 2007, 837, 48-57.	3.6	17
35	Synthesis, structural characterization and anion-sensing studies of metal(II) complexes based on 3,3',4,4'-oxydiphthalate and N-donor ligands. <i>Dalton Transactions</i> , 2012, 41, 1961-1970.	3.3	17
36	Metal-organic frameworks based on 4-(4-carboxyphenyl)-2,2,4,4-terpyridine: structures, topologies and electrocatalytic behaviors in sodium laurylsulfonate aqueous solution. <i>CrystEngComm</i> , 2014, 16, 9882-9890.	2.6	16

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37	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
38	LaF <sub>3</sub> Nanosheet-induced Epitaxial Growth: Hollow (Co, Ni) <sub>2</sub> P/LaF <sub>3</sub> 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
39	Unsaturated coordination modes of Mn/IV 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
40	Metal(ii) complexes based on 4-(2,6-di(pyridin-4-yl)pyridin-4-yl)benzotrile: structures and electrocatalysis in hydrogen evolution reaction from water. <i>CrystEngComm</i> , 2014, 16, 8492-8499.	2.6	14
41	Ultrafine Co <sub>2</sub> P anchored on porous CoWO <sub>4</sub> nanofiber matrix for hydrogen evolution: Anion-induced compositional/morphological transformation and interfacial electron transfer. <i>Electrochimica Acta</i> , 2019, 328, 135123.	5.2	14
42	Co-Incorporated NiV <sub>2</sub> O <sub>6</sub> /Ni(HCO <sub>3</sub> ) <sub>2</sub> nanoflake arrays grown on nickel foam as a high-performance supercapacitor electrode. <i>Dalton Transactions</i> , 2019, 48, 5315-5326.	3.3	14
43	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
44	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'-oxydipthalate and coligand. <i>CrystEngComm</i> , 2012, 14, 5862.	2.6	12
45	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
46	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
47	Mg(ii)-induced second-harmonic generation based on bis-monodentate coordination mode of thiobarbiturate. <i>Dalton Transactions</i> , 2013, 42, 6489.	3.3	10
48	A polyoxometalate-based complex with visible-light photochromism as the electrocatalyst for generating hydrogen from water. <i>Dalton Transactions</i> , 2014, 43, 16928-16936.	3.3	10
49	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
50	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
51	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
52	F or V-induced activation of (Co, Ni) <sub>2</sub> P during electrocatalysis for efficient hydrogen evolution reaction. <i>CrystEngComm</i> , 2019, 21, 6080-6092.	2.6	9
53	Iron Coordination Polymer, Fe(oxalate)(H <sub>2</sub> O) <sub>2</sub> 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
54	Organic molecules induced crystal transformation from a two dimensional coordination polymer to chain-like structures. <i>CrystEngComm</i> , 2012, 14, 663-669.	2.6	8

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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 complexes. Dalton Transactions, 2014, 43, 145-151.	3.3	8
56	Cu complex based on 6H-indolo[2,3-b]quinoxaline: structure and electrocatalytic properties for hydrogen evolution reaction from water. RSC Advances, 2015, 5, 34058-34064.	3.6	8
57	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 <sub>2</sub> -saturated system. Journal of Solid State Chemistry, 2018, 261, 43-52.	2.9	8
58	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
59	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. New Journal of Chemistry, 2018, 42, 699-707.	2.8	7
60	Coordination polymer-derived Al <sup>3+</sup> -doped V <sub>2</sub> O <sub>3</sub> /C with rich oxygen vacancies for an advanced aqueous zinc-ion battery with ultrahigh rate capability. Sustainable Energy and Fuels, 2022, 6, 2020-2037.	4.9	7
61	A Facile Electrosynthesis of Terephthalate (tp)-Based Metal-Organic Framework, Ni <sub>3</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> (tp) <sub>2</sub> with Superior Catalytic Activity for Hydrogen Evolution Reaction. European Journal of Inorganic Chemistry, 2020, 2020, 4215-4224.	2.0	6
62	MOF-Derived MnV <sub>2</sub> O <sub>4</sub> /C Microparticles with Graphene Coating Anchored on Graphite Sheets: Oxygen Defect Engaged High Performance Aqueous Zinc-Ion Battery. Advanced Materials Interfaces, 2022, 9, .	3.7	6
63	Electrochemical performance of antimony/chlorine-incorporated nickel foam. CrystEngComm, 2019, 21, 7424-7436.	2.6	5
64	Metal(II) Complexes Based on Imidazo[4,5-a]pyridine, 10-phenanthroline and Bridging Dicarboxylate Ligands: Synthesis, Characterization and Photoluminescence. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 473-481.	1.2	4
65	Band Gaps and Photocurrent Responses of Bulk and Thin-Film Coordination Polymers Based on 3,6-di(1H-imidazol-1-yl)-9H-carbazole. European Journal of Inorganic Chemistry, 2016, 2016, 4928-4936.	2.6	4
66	Coordination polymer based perovskite device: matched energy levels and photocurrent enhancement in the absence or presence of methanol. CrystEngComm, 2017, 19, 7021-7030.	2.6	4
67	Matched Facet-Induced Microflower-Like Li, Ni-Codoped Zn <sub>3</sub> V <sub>3</sub> O <sub>8</sub> /V <sub>2</sub> O <sub>3</sub> Nanoplate Assemblies Grown on Bamboo-Like Carbon Nanotube for High Energy Density Lithium-Ion Capacitors. Energy Technology, 2020, , 2000701.	3.8	4
68	P-Functionalized and O-deficient TiO <sub>n</sub> /VO <sub>m</sub> nanoparticles grown on Ni foam as an electrode for supercapacitors: epitaxial grown heterojunction and visible-light-driven photoresponse. Dalton Transactions, 2020, 49, 4476-4490.	3.3	4
69	Fe-Triazole coordination compound-derived Fe <sub>2</sub> O <sub>3</sub> nanoparticles anchored on Fe-MOF/N-doped carbon nanosheets for efficient electrocatalytic oxygen evolution reaction. Dalton Transactions, 2021, 50, 16829-16841.	3.3	4
70	Structural Oxygen Vacancies and Crystalline Defects in Iron Vanadate with Multiple Redox Centers Boosting Surface Migration for High-Performance Zinc-Ion Battery. Advanced Materials Interfaces, 2022, 9, .	3.7	4
71	Metal 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. CrystEngComm, 2015, 17, 1056-1064.	2.6	3
72	Two polymolybdate-based complexes and their graphene composites with visible-light photo-responses. RSC Advances, 2016, 6, 97890-97898.	3.6	3

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73	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
74	Coordination compound-derived Al-doped Fe <sub>3</sub> O <sub>4</sub> /C as an efficient electrocatalyst for oxygen evolution reaction. <i>Journal of Solid State Chemistry</i> , 2022, 310, 123049.	2.9	3
75	FLOW SENSING CHARACTERISTICS OF THIN FILM BASED ON MULTI-WALL CARBON NANOTUBES. <i>International Journal of Modern Physics B</i> , 2007, 21, 3473-3476.	2.0	2
76	An acid-stable Zn(II) complex: electrodeposition in sulfuric acid and the effect on the zinc-lead dioxide battery. <i>Dalton Transactions</i> , 2014, 43, 17129-17135.	3.3	2
77	Metal Complexes Based on 2-(3,5-Dibromophenyl)-1,2,4-triazol-3-ylpyridine and Their Composites with CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> : Structures, Band Gaps, and Enhanced Optoelectronic Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1256-1265.	2.0	2
78	Na <sub>0.11</sub> WO <sub>3</sub> nanoflake arrays grown on Ni foam for high-performance supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 2141-2152.	2.5	2
79	Coordination compound-derived La-doped FeS <sub>2</sub> /N-doped carbon (NC) as an efficient electrocatalyst for oxygen evolution reaction. <i>CrystEngComm</i> , 0, , .	2.6	2
80	Syntheses, Crystal Structures, and Photoluminescence Properties of Three Bis-acylamide Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 438-442.	1.2	1
81	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
82	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
83	Coordination compound-derived Fe <sub>4</sub> N/Fe <sub>3</sub> N/Fe/CNT for efficient electrocatalytic oxygen evolution: a facile one-step synthesis in absence of extra nitrogen source. <i>Nanotechnology</i> , 0, , .	2.6	0