Fei-Yan Yi

List of Publications by Year
in descending order

50 papers	3,185 citations	186265 28 h-index	189892 50 g-index
50 all docs	50 docs citations	50 times ranked	4049 citing authors

#	Article	IF	Citations
1	CoFeP nanocube-arrays based on Prussian blue analogues for accelerated oxygen evolution electrocatalysis. Journal of Power Sources, 2022, 520, 230884.	7.8	21
2	Indium-Based Metalâ€“Organic Framework for Efficient Photocatalytic Hydrogen Evolution. Inorganic Chemistry, 2022, 61, 2587-2594.	4.0	20
3	Prussian blue analogue fabricated one-dimensional hollow tube for high-performance detection of glucose. Polyhedron, 2022, 222, 115916.	2.2	4
4	Molecular Regulation Based on Functional Trimetallic Metalâ€“Organic Frameworks for Efficient Oxygen Evolution Reaction. Inorganic Chemistry, 2022, 61, 10934-10941.	4.0	5
5	Rational design of bimetallic metalâ€“organic framework composites and their derived sulfides with superior electrochemical performance to remarkably boost oxygen evolution and supercapacitors. Chemical Engineering Journal, 2021, 404, 127111.	12.7	70
6	The design and fabrication of ultrahigh-performance supercapacitor electrodes from bimetallic PBA/Ni(OH)₂/Co₃O₄/NF quaternary hybrid nanocomposites. Materials Chemistry Frontiers, 2021, 5, 1388-1397.	5.9	18
7	Synthesis and Applications of Prussian Blue and Its Analogues as Electrochemical Sensors. ChemPlusChem, 2021, 86, 1608-1622.	2.8	14
8	The facile fabrication and high-performance sensing of glucose of sea-urchin-like CoFeLDH/PBA/NF heterojunction. New Journal of Chemistry, 2021, 45, 22564-22568.	2.8	2
9	Rationally designed trimetallic Prussian blue analogues on LDH/Ni foam for high performance supercapacitors. Dalton Transactions, 2020, 49, 3706-3714.	3.3	38
10	MOF-Derived Bimetallic CoFe-PBA Composites as Highly Selective and Sensitive Electrochemical Sensors for Hydrogen Peroxide and Nonenzymatic Glucose in Human Serum. ACS Applied Materials & Interfaces, 2020, 12, 35365-35374.	8.0	92
11	Morphology control of nanoscale metal-organic frameworks for high-performance supercapacitors. Electrochimica Acta, 2020, 343, 135617.	5.2	36
12	The controlled fabrication of hierarchical CoS2@NiS2 core-shell nanocubes by utilizing prussian blue analogue for enhanced capacitive energy storage performance. Journal of Power Sources, 2020, 450, 227712.	7.8	59
13	Iron-Based Metalâ€“Organic Framework System as an Efficient Bifunctional Electrocatalyst for Oxygen Evolution and Hydrogen Evolution Reactions. Inorganic Chemistry, 2020, 59, 6078-6086.	4.0	69
14	Rational design of multiple Prussian-blue analogues/NF composites for high-performance surpercapacitors. New Journal of Chemistry, 2020, 44, 10359-10366.	2.8	14
15	Zeoliteâ€Type Metal Oxalate Frameworks. Angewandte Chemie, 2019, 131, 2915-2918.	2.0	4
16	Dual Catalysis of the Selective Polymerization of Biosourced Myrcene and Methyl Methacrylate Promoted by Salicylaldiminato Cobalt(II) Complexes with a Pendant Donor. Organometallics, 2019, 38, 278-288.	2.3	25
17	Zeoliteâ€Type Metal Oxalate Frameworks. Angewandte Chemie - International Edition, 2019, 58, 2889-2892.	13.8	28
18	A Dual-Functional Luminescent MOF Sensor for Phenylmethanol Molecule and Tb³⁺ Cation. Inorganic Chemistry, 2018, 57, 2654-2662.	4.0	52

#	Article	IF	Citations
19	Highly selective luminescent sensor for CCl₄ vapor and pollutional anions/cations based on a multi-responsive MOF. Journal of Materials Chemistry C, 2018, 6, 2010-2018.	5.5	31
20	Morphological control of lanthanide ferrocyanides and their highly efficient catalytic degradation performance toward organic dyes under dark ambient conditions. Dalton Transactions, 2018, 47, 5933-5937.	3.3	6
21	Hierarchical Two-Dimensional Conductive Metalâ€“Organic Framework/Layered Double Hydroxide Nanoarray for a High-Performance Supercapacitor. Inorganic Chemistry, 2018, 57, 6202-6205.	4.0	86
22	A heterobimetallic metalâ€“organic framework as a â€œturn-onâ€•sensor toward DMF. Chemical Communications, 2018, 54, 8233-8236.	4.1	32
23	The interlocked in situ fabrication of graphene@prussian blue nanocomposite as high-performance supercapacitor. Dalton Transactions, 2018, 47, 13126-13134.	3.3	28
24	A hierarchical NiO/NiMn-layered double hydroxide nanosheet array on Ni foam for high performance supercapacitors. Dalton Transactions, 2017, 46, 7388-7391.	3.3	88
25	High-performance supercapacitors of Cu-based porous coordination polymer nanowires and the derived porous CuO nanotubes. Dalton Transactions, 2017, 46, 16821-16827.	3.3	15
26	Metalâ€“Organic Frameworks and Their Composites: Synthesis and Electrochemical Applications. Small Methods, 2017, 1, 1700187.	8.6	163
27	An Ultrastable Metalâ€“Organic Framework with Open Coordinated Sites Realizing Selective Separation toward Cationic Dyes in Aqueous Solution. Crystal Growth and Design, 2017, 17, 5458-5464.	3.0	63
28	Enhanced photocatalytic performance of BiOBr/NH₂-MIL-125(Ti) composite for dye degradation under visible light. Dalton Transactions, 2016, 45, 17521-17529.	3.3	171
29	A Highly Robust Terbium Coordination Polymer as a Multiresponsive Luminescent Sensor for Detecting Pollutant Anions. European Journal of Inorganic Chemistry, 2016, 2016, 3994-3998.	2.0	10
30	Chemical Sensors Based on Metalâ€“Organic Frameworks. ChemPlusChem, 2016, 81, 675-690.	2.8	552
31	In situ growth of ZIF-8 nanocrystals on layered double hydroxide nanosheets for enhanced CO₂ capture. Dalton Transactions, 2016, 45, 12632-12635.	3.3	55
32	MOF-derived hierarchical double-shelled NiO/ZnO hollow spheres for high-performance supercapacitors. Dalton Transactions, 2016, 45, 13311-13316.	3.3	172
33	A Series of Multifunctional Metalâ€“Organic Frameworks Showing Excellent Luminescent Sensing, Sensitization, and Adsorbent Abilities. Chemistry - A European Journal, 2015, 21, 11475-11482.	3.3	219
34	An ultrastable porous metalâ€“organic framework luminescent switch towards aromatic compounds. Materials Horizons, 2015, 2, 245-251.	12.2	98
35	Polyoxometalates-based heterometallic organicâ€“inorganic hybrid materials for rapid adsorption and selective separation of methylene blue from aqueous solutions. Chemical Communications, 2015, 51, 3336-3339.	4.1	158
36	Linearly bridging CO2 in a metalâ€“organic framework. Chemical Communications, 2015, 51, 8446-8449.	4.1	9

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37	A highly stable porous multifunctional Co(<scp>ii</scp>) metalâ€“organic framework showing excellent gas storage applications and interesting magnetic properties. CrystEngComm, 2015, 17, 6471-6475.	2.6	7
38	A Nanoscale Multiresponsive Luminescent Sensor Based on a Terbium(III) Metalâ€“Organic Framework. Chemistry - an Asian Journal, 2015, 10, 1703-1709.	3.3	31
39	Effect of Polycarboxylate Coligands from Linear to Vâ€shaped Cu^{II} Coordination Polymers Based on a Rigid Tripodal Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2247-2254.	1.2	3
40	Structural Variation within Heterometallic Uranyl Hybrids Based on Flexible Alkyldiphosphonate Ligands. Crystal Growth and Design, 2014, 14, 1366-1374.	3.0	39
41	Fast response and highly selective sensing of amine vapors using a luminescent coordination polymer. Chemical Communications, 2014, 50, 10506-10509.	4.1	119
42	Construction of Cu(ii) coordination polymers based on semi-rigid tetrahedral pyridine ligands. RSC Advances, 2013, 3, 25065.	3.6	14
43	Construction of porous Mn(ii)-based metalâ€“organic frameworks by flexible hexacarboxylic acid and rigid coligands. CrystEngComm, 2013, 15, 8320.	2.6	28
44	Lanthanide Metalâ€“Organic Frameworks Showing Luminescence in the Visible and Nearâ€Infrared Regions with Potential for Acetone Sensing. Chemistry - A European Journal, 2013, 19, 17172-17179.	3.3	127
45	Chiral transformations of achiral porous metalâ€“organic frameworks via a stepwise approach. Chemical Communications, 2012, 48, 10419.	4.1	30
46	Solvent-Controlled Syntheses, Structure, and Magnetic Properties of Trinuclear Mn(II)-Based Metalâ€“Organic Frameworks. Crystal Growth and Design, 2012, 12, 5693-5700.	3.0	37
47	Highly selective acetone fluorescent sensors based on microporous Cd(ii) metalâ€“organic frameworks. Journal of Materials Chemistry, 2012, 22, 23201.	6.7	140
48	Towards rational design of zinc(<scp>ii</scp>) and cadmium(<scp>ii</scp>) sulfonate-arsonates with low dimensional aggregations. CrystEngComm, 2011, 13, 1480-1489.	2.6	12
49	A Series of New Manganese(II) Sulfonate-Arsonates with 2D Layer, 1D Chain, and 0D Clusters Structures. Inorganic Chemistry, 2010, 49, 3489-3500.	4.0	27
50	Syntheses and Crystal Structures of Novel Manganese(II) or Cadmium(II) Arsonates with Dinuclear Clusters or 1D Arrays. Inorganic Chemistry, 2009, 48, 628-637.	4.0	44