

Fei-Yan Yi

List of Publications by Year in descending order

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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	Chemical Sensors Based on Metal-Organic Frameworks. ChemPlusChem, 2016, 81, 675-690.	2.8	552
2	A Series of Multifunctional Metal-Organic Frameworks Showing Excellent Luminescent Sensing, Sensitization, and Adsorbent Abilities. Chemistry - A European Journal, 2015, 21, 11475-11482.	3.3	219
3	MOF-derived hierarchical double-shelled NiO/ZnO hollow spheres for high-performance supercapacitors. Dalton Transactions, 2016, 45, 13311-13316.	3.3	172
4	Enhanced photocatalytic performance of BiOBr/NH ₂ -MIL-125(Ti) composite for dye degradation under visible light. Dalton Transactions, 2016, 45, 17521-17529.	3.3	171
5	Metal-Organic Frameworks and Their Composites: Synthesis and Electrochemical Applications. Small Methods, 2017, 1, 1700187.	8.6	163
6	Polyoxometalates-based heterometallic organic-inorganic hybrid materials for rapid adsorption and selective separation of methylene blue from aqueous solutions. Chemical Communications, 2015, 51, 3336-3339.	4.1	158
7	Highly selective acetone fluorescent sensors based on microporous Cd(ii) metal-organic frameworks. Journal of Materials Chemistry, 2012, 22, 23201.	6.7	140
8	Lanthanide Metal-Organic Frameworks Showing Luminescence in the Visible and Near-Infrared Regions with Potential for Acetone Sensing. Chemistry - A European Journal, 2013, 19, 17172-17179.	3.3	127
9	Fast response and highly selective sensing of amine vapors using a luminescent coordination polymer. Chemical Communications, 2014, 50, 10506-10509.	4.1	119
10	An ultrastable porous metal-organic framework luminescent switch towards aromatic compounds. Materials Horizons, 2015, 2, 245-251.	12.2	98
11	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
12	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
13	Hierarchical Two-Dimensional Conductive Metal-Organic Framework/Layered Double Hydroxide Nanoarray for a High-Performance Supercapacitor. Inorganic Chemistry, 2018, 57, 6202-6205.	4.0	86
14	Rational design of bimetallic metal-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
15	Iron-Based Metal-Organic Framework System as an Efficient Bifunctional Electrocatalyst for Oxygen Evolution and Hydrogen Evolution Reactions. Inorganic Chemistry, 2020, 59, 6078-6086.	4.0	69
16	An Ultrastable Metal-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
17	The controlled fabrication of hierarchical CoS ₂ @NiS ₂ core-shell nanocubes by utilizing prussian blue analogue for enhanced capacitive energy storage performance. Journal of Power Sources, 2020, 450, 227712.	7.8	59
18	In situ growth of ZIF-8 nanocrystals on layered double hydroxide nanosheets for enhanced CO ₂ capture. Dalton Transactions, 2016, 45, 12632-12635.	3.3	55

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19	A Dual-Functional Luminescent MOF Sensor for Phenylmethanol Molecule and Tb ³⁺ Cation. <i>Inorganic Chemistry</i> , 2018, 57, 2654-2662.	4.0	52
20	Syntheses and Crystal Structures of Novel Manganese(II) or Cadmium(II) Arsonates with Dinuclear Clusters or 1D Arrays. <i>Inorganic Chemistry</i> , 2009, 48, 628-637.	4.0	44
21	Structural Variation within Heterometallic Uranyl Hybrids Based on Flexible Alkyldiphosphonate Ligands. <i>Crystal Growth and Design</i> , 2014, 14, 1366-1374.	3.0	39
22	Rationally designed trimetallic Prussian blue analogues on LDH/Ni foam for high performance supercapacitors. <i>Dalton Transactions</i> , 2020, 49, 3706-3714.	3.3	38
23	Solvent-Controlled Syntheses, Structure, and Magnetic Properties of Trinuclear Mn(II)-Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2012, 12, 5693-5700.	3.0	37
24	Morphology control of nanoscale metal-organic frameworks for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2020, 343, 135617.	5.2	36
25	A heterobimetallic metal-organic framework as a "turn-on" sensor toward DMF. <i>Chemical Communications</i> , 2018, 54, 8233-8236.	4.1	32
26	A Nanoscale Multiresponsive Luminescent Sensor Based on a Terbium(III) Metal-Organic Framework. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1703-1709.	3.3	31
27	Highly selective luminescent sensor for CCl ₄ vapor and pollutional anions/cations based on a multi-responsive MOF. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2010-2018.	5.5	31
28	Chiral transformations of achiral porous metal-organic frameworks via a stepwise approach. <i>Chemical Communications</i> , 2012, 48, 10419.	4.1	30
29	Construction of porous Mn(II)-based metal-organic frameworks by flexible hexacarboxylic acid and rigid coligands. <i>CrystEngComm</i> , 2013, 15, 8320.	2.6	28
30	The interlocked "in situ" fabrication of graphene@prussian blue nanocomposite as high-performance supercapacitor. <i>Dalton Transactions</i> , 2018, 47, 13126-13134.	3.3	28
31	Zeolite-Type Metal Oxalate Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2889-2892.	13.8	28
32	A Series of New Manganese(II) Sulfonate-Arsonates with 2D Layer, 1D Chain, and 0D Clusters Structures. <i>Inorganic Chemistry</i> , 2010, 49, 3489-3500.	4.0	27
33	Dual Catalysis of the Selective Polymerization of Biosourced Myrcene and Methyl Methacrylate Promoted by Salicylaldiminato Cobalt(II) Complexes with a Pendant Donor. <i>Organometallics</i> , 2019, 38, 278-288.	2.3	25
34	CoFeP nanocube-arrays based on Prussian blue analogues for accelerated oxygen evolution electrocatalysis. <i>Journal of Power Sources</i> , 2022, 520, 230884.	7.8	21
35	Indium-Based Metal-Organic Framework for Efficient Photocatalytic Hydrogen Evolution. <i>Inorganic Chemistry</i> , 2022, 61, 2587-2594.	4.0	20
36	The design and fabrication of ultrahigh-performance supercapacitor electrodes from bimetallic PBA/Ni(OH) ₂ /Co ₃ O ₄ /NF quaternary hybrid nanocomposites. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1388-1397.	5.9	18

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37	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
38	Construction of Cu(ii) coordination polymers based on semi-rigid tetrahedral pyridine ligands. RSC Advances, 2013, 3, 25065.	3.6	14
39	Rational design of multiple Prussian-blue analogues/NF composites for high-performance supercapacitors. New Journal of Chemistry, 2020, 44, 10359-10366.	2.8	14
40	Synthesis and Applications of Prussian Blue and Its Analogues as Electrochemical Sensors. ChemPlusChem, 2021, 86, 1608-1622.	2.8	14
41	Towards rational design of zinc(II) and cadmium(II) sulfonate-arsonates with low dimensional aggregations. CrystEngComm, 2011, 13, 1480-1489.	2.6	12
42	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
43	Linearly bridging CO ₂ in a metal-organic framework. Chemical Communications, 2015, 51, 8446-8449.	4.1	9
44	A highly stable porous multifunctional Co(II) metal-organic framework showing excellent gas storage applications and interesting magnetic properties. CrystEngComm, 2015, 17, 6471-6475.	2.6	7
45	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
46	Molecular Regulation Based on Functional Trimetallic Metal-Organic Frameworks for Efficient Oxygen Evolution Reaction. Inorganic Chemistry, 2022, 61, 10934-10941.	4.0	5
47	Zeolite-Type Metal Oxalate Frameworks. Angewandte Chemie, 2019, 131, 2915-2918.	2.0	4
48	Prussian blue analogue fabricated one-dimensional hollow tube for high-performance detection of glucose. Polyhedron, 2022, 222, 115916.	2.2	4
49	Effect of Polycarboxylate Coligands from Linear to V-shaped Cu ^{II} Coordination Polymers Based on a Rigid Tripodal Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2247-2254.	1.2	3
50	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