

Fei-Yan Yi

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,185
citations

185998

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189595

50
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docs citations

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times ranked

4049
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | CoFeP nanocube-arrays based on Prussian blue analogues for accelerated oxygen evolution electrocatalysis. <i>Journal of Power Sources</i> , 2022, 520, 230884. | 4.0 | 21 |
| 2 | Indium-Based Metal-Organic Framework for Efficient Photocatalytic Hydrogen Evolution. <i>Inorganic Chemistry</i> , 2022, 61, 2587-2594. | 1.9 | 20 |
| 3 | Prussian blue analogue fabricated one-dimensional hollow tube for high-performance detection of glucose. <i>Polyhedron</i> , 2022, 222, 115916. | 1.0 | 4 |
| 4 | Molecular Regulation Based on Functional Trimetallic Metal-Organic Frameworks for Efficient Oxygen Evolution Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 10934-10941. | 1.9 | 5 |
| 5 | Rational design of bimetallic metal-organic framework composites and their derived sulfides with superior electrochemical performance to remarkably boost oxygen evolution and supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 404, 127111. | 6.6 | 70 |
| 6 | 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. | 3.2 | 18 |
| 7 | Synthesis and Applications of Prussian Blue and Its Analogues as Electrochemical Sensors. <i>ChemPlusChem</i> , 2021, 86, 1608-1622. | 1.3 | 14 |
| 8 | The facile fabrication and high-performance sensing of glucose of sea-urchin-like CoFeLDH/PBA/NF heterojunction. <i>New Journal of Chemistry</i> , 2021, 45, 22564-22568. | 1.4 | 2 |
| 9 | Rationally designed trimetallic Prussian blue analogues on LDH/Ni foam for high performance supercapacitors. <i>Dalton Transactions</i> , 2020, 49, 3706-3714. | 1.6 | 38 |
| 10 | MOF-Derived Bimetallic CoFe-PBA Composites as Highly Selective and Sensitive Electrochemical Sensors for Hydrogen Peroxide and Nonenzymatic Glucose in Human Serum. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35365-35374. | 4.0 | 92 |
| 11 | Morphology control of nanoscale metal-organic frameworks for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2020, 343, 135617. | 2.6 | 36 |
| 12 | The controlled fabrication of hierarchical CoS ₂ @NiS ₂ core-shell nanocubes by utilizing prussian blue analogue for enhanced capacitive energy storage performance. <i>Journal of Power Sources</i> , 2020, 450, 227712. | 4.0 | 59 |
| 13 | Iron-Based Metal-Organic Framework System as an Efficient Bifunctional Electrocatalyst for Oxygen Evolution and Hydrogen Evolution Reactions. <i>Inorganic Chemistry</i> , 2020, 59, 6078-6086. | 1.9 | 69 |
| 14 | Rational design of multiple Prussian-blue analogues/NF composites for high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2020, 44, 10359-10366. | 1.4 | 14 |
| 15 | Zeolite-Type Metal Oxalate Frameworks. <i>Angewandte Chemie</i> , 2019, 131, 2915-2918. | 1.6 | 4 |
| 16 | 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. | 1.1 | 25 |
| 17 | Zeolite-Type Metal Oxalate Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2889-2892. | 7.2 | 28 |
| 18 | A Dual-Functional Luminescent MOF Sensor for Phenylmethanol Molecule and Tb ³⁺ Cation. <i>Inorganic Chemistry</i> , 2018, 57, 2654-2662. | 1.9 | 52 |

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|----|--|-----|-----------|
| 19 | Highly selective luminescent sensor for CCl ₄ vapor and polluttional anions/cations based on a multi-responsive MOF. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2010-2018. | 2.7 | 31 |
| 20 | Morphological control of lanthanide ferrocyanides and their highly efficient catalytic degradation performance toward organic dyes under dark ambient conditions. <i>Dalton Transactions</i> , 2018, 47, 5933-5937. | 1.6 | 6 |
| 21 | Hierarchical Two-Dimensional Conductive Metal-Organic Framework/Layered Double Hydroxide Nanoarray for a High-Performance Supercapacitor. <i>Inorganic Chemistry</i> , 2018, 57, 6202-6205. | 1.9 | 86 |
| 22 | A heterobimetallic metal-organic framework as a sensor toward DMF. <i>Chemical Communications</i> , 2018, 54, 8233-8236. | 2.2 | 32 |
| 23 | The interlocked <i>in situ</i> fabrication of graphene@prussian blue nanocomposite as high-performance supercapacitor. <i>Dalton Transactions</i> , 2018, 47, 13126-13134. | 1.6 | 28 |
| 24 | A hierarchical NiO/NiMn-layered double hydroxide nanosheet array on Ni foam for high performance supercapacitors. <i>Dalton Transactions</i> , 2017, 46, 7388-7391. | 1.6 | 88 |
| 25 | High-performance supercapacitors of Cu-based porous coordination polymer nanowires and the derived porous CuO nanotubes. <i>Dalton Transactions</i> , 2017, 46, 16821-16827. | 1.6 | 15 |
| 26 | Metal-Organic Frameworks and Their Composites: Synthesis and Electrochemical Applications. <i>Small Methods</i> , 2017, 1, 1700187. | 4.6 | 163 |
| 27 | An Ultrastable Metal-Organic Framework with Open Coordinated Sites Realizing Selective Separation toward Cationic Dyes in Aqueous Solution. <i>Crystal Growth and Design</i> , 2017, 17, 5458-5464. | 1.4 | 63 |
| 28 | Enhanced photocatalytic performance of BiOBr/NH ₂ -MIL-125(Ti) composite for dye degradation under visible light. <i>Dalton Transactions</i> , 2016, 45, 17521-17529. | 1.6 | 171 |
| 29 | A Highly Robust Terbium Coordination Polymer as a Multiresponsive Luminescent Sensor for Detecting Pollutant Anions. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3994-3998. | 1.0 | 10 |
| 30 | Chemical Sensors Based on Metal-Organic Frameworks. <i>ChemPlusChem</i> , 2016, 81, 675-690. | 1.3 | 552 |
| 31 | In situ growth of ZIF-8 nanocrystals on layered double hydroxide nanosheets for enhanced CO ₂ capture. <i>Dalton Transactions</i> , 2016, 45, 12632-12635. | 1.6 | 55 |
| 32 | MOF-derived hierarchical double-shelled NiO/ZnO hollow spheres for high-performance supercapacitors. <i>Dalton Transactions</i> , 2016, 45, 13311-13316. | 1.6 | 172 |
| 33 | A Series of Multifunctional Metal-Organic Frameworks Showing Excellent Luminescent Sensing, Sensitization, and Adsorbent Abilities. <i>Chemistry - A European Journal</i> , 2015, 21, 11475-11482. | 1.7 | 219 |
| 34 | An ultrastable porous metal-organic framework luminescent switch towards aromatic compounds. <i>Materials Horizons</i> , 2015, 2, 245-251. | 6.4 | 98 |
| 35 | Polyoxometalates-based heterometallic organic-inorganic hybrid materials for rapid adsorption and selective separation of methylene blue from aqueous solutions. <i>Chemical Communications</i> , 2015, 51, 3336-3339. | 2.2 | 158 |
| 36 | Linearly bridging CO ₂ in a metal-organic framework. <i>Chemical Communications</i> , 2015, 51, 8446-8449. | 2.2 | 9 |

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|----|--|-----|-----------|
| 37 | A highly stable porous multifunctional Co(ⁱⁱ) metal-organic framework showing excellent gas storage applications and interesting magnetic properties. CrystEngComm, 2015, 17, 6471-6475. | 1.3 | 7 |
| 38 | A Nanoscale Multiresponsive Luminescent Sensor Based on a Terbium(III) Metal-Organic Framework. Chemistry - an Asian Journal, 2015, 10, 1703-1709. | 1.7 | 31 |
| 39 | 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. | 0.6 | 3 |
| 40 | Structural Variation within Heterometallic Uranyl Hybrids Based on Flexible Alkyldiphosphonate Ligands. Crystal Growth and Design, 2014, 14, 1366-1374. | 1.4 | 39 |
| 41 | Fast response and highly selective sensing of amine vapors using a luminescent coordination polymer. Chemical Communications, 2014, 50, 10506-10509. | 2.2 | 119 |
| 42 | Construction of Cu(ii) coordination polymers based on semi-rigid tetrahedral pyridine ligands. RSC Advances, 2013, 3, 25065. | 1.7 | 14 |
| 43 | Construction of porous Mn(ii)-based metal-organic frameworks by flexible hexacarboxylic acid and rigid coligands. CrystEngComm, 2013, 15, 8320. | 1.3 | 28 |
| 44 | 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. | 1.7 | 127 |
| 45 | Chiral transformations of achiral porous metal-organic frameworks via a stepwise approach. Chemical Communications, 2012, 48, 10419. | 2.2 | 30 |
| 46 | Solvent-Controlled Syntheses, Structure, and Magnetic Properties of Trinuclear Mn(II)-Based Metal-Organic Frameworks. Crystal Growth and Design, 2012, 12, 5693-5700. | 1.4 | 37 |
| 47 | Highly selective acetone fluorescent sensors based on microporous Cd(ii) metal-organic frameworks. Journal of Materials Chemistry, 2012, 22, 23201. | 6.7 | 140 |
| 48 | Towards rational design of zinc(ⁱⁱ) and cadmium(ⁱⁱ) sulfonate-arsonates with low dimensional aggregations. CrystEngComm, 2011, 13, 1480-1489. | 1.3 | 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. | 1.9 | 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. | 1.9 | 44 |