

Fei Yu

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,659
citations

279701

23
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302012

39
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47
all docs

47
docs citations

47
times ranked

1861
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Two-Dimensional (2D) Covalent Organic Framework as Efficient Cathode for Binder-free Lithium-ion Battery. <i>ChemSusChem</i> , 2020, 13, 2457-2463. | 3.6 | 159 |
| 2 | Electrochromic two-dimensional covalent organic framework with a reversible dark-to-transparent switch. <i>Nature Communications</i> , 2020, 11, 5534. | 5.8 | 149 |
| 3 | Photostimulus-Responsive Large-Area Two-Dimensional Covalent Organic Framework Films. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16101-16104. | 7.2 | 141 |
| 4 | An irreversible electrolyte anion-doping strategy toward a superior aqueous Zn-organic battery. <i>Energy Storage Materials</i> , 2020, 33, 283-289. | 9.5 | 103 |
| 5 | A Metal-Organic Framework Based on a Nickel Bis(dithiolene) Connector: Synthesis, Crystal Structure, and Application as an Electrochemical Glucose Sensor. <i>Journal of the American Chemical Society</i> , 2020, 142, 20313-20317. | 6.6 | 83 |
| 6 | Rational Control of Charge Transfer Excitons Toward High-Contrast Reversible Mechanoresponsive Luminescent Switching. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17580-17586. | 7.2 | 83 |
| 7 | Recent Progress in High Linearly Fused Polycyclic Conjugated Hydrocarbons (PCHs, $n \geq 6$) with Well-Defined Structures. <i>Advanced Science</i> , 2020, 7, 1903766. | 5.6 | 80 |
| 8 | Porous Supramolecular Networks Constructed of One-Dimensional Metal-Organic Chains: Carbon Dioxide and Iodine Capture. <i>Inorganic Chemistry</i> , 2015, 54, 1655-1660. | 1.9 | 63 |
| 9 | Hexagonal Bipyramidal Dy(III) Complexes as a Structural Archetype for Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2019, 58, 2610-2617. | 1.9 | 60 |
| 10 | Green Grinding-Coassembly Engineering toward Intrinsically Luminescent Tetracene in Cocrystals. <i>ACS Nano</i> , 2020, 14, 15962-15972. | 7.3 | 54 |
| 11 | Modulating Single-Molecule Magnetic Behavior of a Dinuclear Erbium(III) Complex by Solvent Exchange. <i>Inorganic Chemistry</i> , 2017, 56, 336-343. | 1.9 | 47 |
| 12 | Important Role of Intermolecular Interaction in Cobalt(II) Single-Ion Magnet from Single Slow Relaxation to Double Slow Relaxation. <i>Inorganic Chemistry</i> , 2018, 57, 10761-10767. | 1.9 | 47 |
| 13 | Concomitant Use of Tetrathiafulvalene and 7,7,8,8-Tetracyanoquinodimethane within the Skeletons of Metal-Organic Frameworks: Structures, Magnetism, and Electrochemistry. <i>Inorganic Chemistry</i> , 2019, 58, 8657-8664. | 1.9 | 39 |
| 14 | Ionic covalent organic framework based electrolyte for fast-response ultra-low voltage electrochemical actuators. <i>Nature Communications</i> , 2022, 13, 390. | 5.8 | 36 |
| 15 | Benzoate-Induced High-Nuclearity Silver Thiolate Clusters. <i>Chemistry - A European Journal</i> , 2018, 24, 4967-4972. | 1.7 | 33 |
| 16 | Enhanced dielectricity coupled to spin-crossover in a one-dimensional polymer iron(ii) incorporating tetrathiafulvalene. <i>Chemical Science</i> , 2020, 11, 6229-6235. | 3.7 | 32 |
| 17 | Unexpected Synthesis, Properties, and Nonvolatile Memory Device Application of Imidazole-Fused Azaacenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 101-107. | 1.7 | 31 |
| 18 | Insights into the Control of Optoelectronic Properties in Mixed-Stacking Charge-Transfer Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 3578-3585. | 1.7 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Tuning Electrical and Photoconductivity by Cation Exchange within a Redox-Active Tetrathiafulvalene-Based Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18763-18767. | 7.2 | 29 |
| 20 | Three Properties in One Coordination Complex: Chirality, Spin Crossover, and Dielectric Switching. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3144-3149. | 1.0 | 29 |
| 21 | Electropolymerized 1D Growth Coordination Polymer for Hybrid Electrochromic Aqueous Zinc Battery. <i>Advanced Science</i> , 2021, 8, e2101944. | 5.6 | 27 |
| 22 | Tracking the Process of a Solvothermal Domino Reaction Leading to a Stable Triheteroarylmethyl Radical: A Combined Crystallographic and Mass Spectrometric Study. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3748-3753. | 7.2 | 26 |
| 23 | Tuning Electrical and Photoconductivity by Cation Exchange within a Redox-Active Tetrathiafulvalene-Based Metal-Organic Framework. <i>Angewandte Chemie</i> , 2020, 132, 18922-18926. | 1.6 | 24 |
| 24 | Hierarchical tandem assembly of planar [3Å-3] building units into {3Å-[3Å-3]} oligomers: mixed-valency, electrical conductivity and magnetism. <i>Chemical Science</i> , 2018, 9, 7498-7504. | 3.7 | 23 |
| 25 | Multi-thiol-supported dicarboxylate-based metal-organic framework with excellent performance for lithium-ion battery. <i>Chemical Engineering Journal</i> , 2022, 431, 133234. | 6.6 | 23 |
| 26 | Photochemically Tuned Magnetic Properties in an Erbium(III)-Based Easy-Plane Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2019, 58, 14440-14448. | 1.9 | 21 |
| 27 | Rare-Earth Metal Tetrathiafulvalene Carboxylate Frameworks as Redox-Switchable Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2021, 27, 622-627. | 1.7 | 21 |
| 28 | Photostimulus-Responsive Large-Area Two-Dimensional Covalent Organic Framework Films. <i>Angewandte Chemie</i> , 2019, 131, 16247-16250. | 1.6 | 18 |
| 29 | Molecular-Level Methylcellulose/MXene Hybrids with Greatly Enhanced Electrochemical Actuation. <i>Advanced Materials</i> , 2022, 34, e2200660. | 11.1 | 18 |
| 30 | Rational Control of Charge Transfer Excitons Toward High-Contrast Reversible Mechanoresponsive Luminescent Switching. <i>Angewandte Chemie</i> , 2020, 132, 17733-17739. | 1.6 | 17 |
| 31 | Copper(II)-Assisted Ligand Fragmentation Leading to Three Families of Metallamacrocyclic. <i>Inorganic Chemistry</i> , 2020, 59, 13524-13532. | 1.9 | 14 |
| 32 | The incorporation of the ionization effect in organic semiconductors assists in triggering multilevel resistive memory behaviors. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3280-3289. | 3.2 | 13 |
| 33 | A Cuprous [4 Å-4] Grid: Single-Crystal to Single-Crystal Transformation and Fading of Luminescence by Solvent Inclusion. <i>Inorganic Chemistry</i> , 2018, 57, 15040-15043. | 1.9 | 11 |
| 34 | Tunable low-dimensional self-assembly of H-shaped bichromophoric perylene diimide Gemini in solution. <i>Nanoscale</i> , 2020, 12, 3058-3067. | 2.8 | 11 |
| 35 | Controlling Electron Spin Decoherence in Nd-based Complexes via Symmetry Selection. <i>IScience</i> , 2020, 23, 100926. | 1.9 | 11 |
| 36 | Electrical Conductivity of Copper Hexamers Tuned by their Ground-State Valences. <i>Inorganic Chemistry</i> , 2018, 57, 3443-3450. | 1.9 | 10 |

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|----|--|-----|-----------|
| 37 | Improved stability and efficiency of polymer-based selenium solar cells through the usage of tin(^{iv}) oxide in the electron transport layers and the analysis of aging dynamics. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 14838-14845. | 1.3 | 7 |
| 38 | Employing Equivalent Circuit Models to Study the Performance of Selenium-Based Solar Cells with Polymers as Hole Transport Layers. <i>Small</i> , 2021, 17, e2101226. | 5.2 | 7 |
| 39 | Magnetostructural relationship for $\text{[Cu}_2\text{]}^{2+}$ -phenoxido bridged ferric dimers. <i>Dalton Transactions</i> , 2017, 46, 4317-4324. | 1.6 | 5 |
| 40 | Enhanced luminescence of single-benzene fluorescent molecules through halogen bond cocrystals. <i>CrystEngComm</i> , 2022, 24, 3537-3545. | 1.3 | 5 |
| 41 | Imide-Fused Diazatetracenes: Synthesis, Characterization, and Application in Perovskite Solar Cells. <i>Chemistry - A European Journal</i> , 2020, 26, 4220-4225. | 1.7 | 4 |
| 42 | A co-crystallization strategy toward high-performance n-type organic semiconductors through charge transport switching from p-type planar azaacene derivatives. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2757-2762. | 2.7 | 4 |
| 43 | Selenium-Based Solar Cell with Conjugated Polymers as Both Electron and Hole Transport Layers to Realize High Water Tolerance as well as Good Long-Term and Thermal Stability. <i>Solar Rrl</i> , 2020, 4, 2000425. | 3.1 | 3 |
| 44 | Two-Photon Absorption of Butterfly-Shaped Carbonyl-Bridged Twistarene. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 579-583. | 1.3 | 3 |
| 45 | Beyond Perovskite Solar Cells: Tellurium Iodide as a Promising Light-Absorbing Material for Solution-Processed Photovoltaic Application. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1505-1509. | 1.7 | 3 |
| 46 | Magnetically Directed Co-nanoinitiators for Cross-Linking Adhesives and Enhancing Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57851-57863. | 4.0 | 2 |
| 47 | Butterfly-Like Tetraazaacenequinodimethane Derivatives: Synthesis, Structure and Halochromic Properties. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2198-2202. | 1.7 | 1 |