

Fei Yu

List of Publications by Year in descending order

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47
papers

1,659
citations

279701

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1861
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Ionic covalent organic framework based electrolyte for fast-response ultra-low voltage electrochemical actuators. <i>Nature Communications</i> , 2022, 13, 390.	5.8	36
4	Enhanced luminescence of single-benzene fluorescent molecules through halogen bond cocrystals. <i>CrystEngComm</i> , 2022, 24, 3537-3545.	1.3	5
5	Molecular-Level Methylcellulose/MXene Hybrids with Greatly Enhanced Electrochemical Actuation. <i>Advanced Materials</i> , 2022, 34, e2200660.	11.1	18
6	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
7	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
8	Electropolymerized 1D Growth Coordination Polymer for Hybrid Electrochromic Aqueous Zinc Battery. <i>Advanced Science</i> , 2021, 8, e2101944.	5.6	27
9	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
10	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
11	Tunable low-dimensional self-assembly of H-shaped bichromophoric perylene diimide Gemini in solution. <i>Nanoscale</i> , 2020, 12, 3058-3067.	2.8	11
12	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
13	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
14	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
15	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
16	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
17	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
18	Electrochromic two-dimensional covalent organic framework with a reversible dark-to-transparent switch. <i>Nature Communications</i> , 2020, 11, 5534.	5.8	149

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19	Green Grinding-Coassembly Engineering toward Intrinsically Luminescent Tetracene in Cocrystals. ACS Nano, 2020, 14, 15962-15972.	7.3	54
20	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. Solar Rrl, 2020, 4, 2000425.	3.1	3
21	Copper(II)-Assisted Ligand Fragmentation Leading to Three Families of Metallamacrocyclic. Inorganic Chemistry, 2020, 59, 13524-13532.	1.9	14
22	The incorporation of the ionization effect in organic semiconductors assists in triggering multilevel resistive memory behaviors. Materials Chemistry Frontiers, 2020, 4, 3280-3289.	3.2	13
23	Butterfly-Like Tetraazaacenequinodimethane Derivatives: Synthesis, Structure and Halochromic Properties. Chemistry - an Asian Journal, 2020, 15, 2198-2202.	1.7	1
24	Enhanced dielectricity coupled to spin-crossover in a one-dimensional polymer iron(ii) incorporating tetrathiafulvalene. Chemical Science, 2020, 11, 6229-6235.	3.7	32
25	Improved stability and efficiency of polymer-based selenium solar cells through the usage of tin (Sn) oxide in the electron transport layers and the analysis of aging dynamics. Physical Chemistry Chemical Physics, 2020, 22, 14838-14845.	1.3	7
26	Controlling Electron Spin Decoherence in Nd-based Complexes via Symmetry Selection. IScience, 2020, 23, 100926.	1.9	11
27	Rational Control of Charge Transfer Excitons Toward High-Contrast Reversible Mechanoresponsive Luminescent Switching. Angewandte Chemie, 2020, 132, 17733-17739.	1.6	17
28	Rational Control of Charge Transfer Excitons Toward High-Contrast Reversible Mechanoresponsive Luminescent Switching. Angewandte Chemie - International Edition, 2020, 59, 17580-17586.	7.2	83
29	Two-Photon Absorption of Butterfly-Shaped Carbonyl-Bridged Twistarene. Asian Journal of Organic Chemistry, 2020, 9, 579-583.	1.3	3
30	Beyond Perovskite Solar Cells: Tellurium Iodide as a Promising Light-Absorbing Material for Solution-Processed Photovoltaic Application. Chemistry - an Asian Journal, 2020, 15, 1505-1509.	1.7	3
31	Recent Progress in High Linearly Fused Polycyclic Conjugated Hydrocarbons (PCHs, $n \geq 6$) with Well-Defined Structures. Advanced Science, 2020, 7, 1903766.	5.6	80
32	Imide-Fused Diazatetracenes: Synthesis, Characterization, and Application in Perovskite Solar Cells. Chemistry - A European Journal, 2020, 26, 4220-4225.	1.7	4
33	Photochemically Tuned Magnetic Properties in an Erbium(III)-Based Easy-Plane Single-Molecule Magnet. Inorganic Chemistry, 2019, 58, 14440-14448.	1.9	21
34	Photostimulus-Responsive Large-Area Two-Dimensional Covalent Organic Framework Films. Angewandte Chemie - International Edition, 2019, 58, 16101-16104.	7.2	141
35	Photostimulus-Responsive Large-Area Two-Dimensional Covalent Organic Framework Films. Angewandte Chemie, 2019, 131, 16247-16250.	1.6	18
36	Hexagonal Bipyramidal Dy(III) Complexes as a Structural Archetype for Single-Molecule Magnets. Inorganic Chemistry, 2019, 58, 2610-2617.	1.9	60

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37	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
38	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
39	Electrical Conductivity of Copper Hexamers Tuned by their Ground-State Valences. <i>Inorganic Chemistry</i> , 2018, 57, 3443-3450.	1.9	10
40	Benzoate-Induced High-Nuclearity Silver Thiolate Clusters. <i>Chemistry - A European Journal</i> , 2018, 24, 4967-4972.	1.7	33
41	A Cuprous [4 Å ²] 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
42	Hierarchical tandem assembly of planar [3 Å ²] building units into {3 Å ² -[3 Å ² -3]} oligomers: mixed-valency, electrical conductivity and magnetism. <i>Chemical Science</i> , 2018, 9, 7498-7504.	3.7	23
43	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
44	Magnetostructural relationship for μ_2 -phenoxido bridged ferric dimers. <i>Dalton Transactions</i> , 2017, 46, 4317-4324.	1.6	5
45	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
46	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
47	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