

# Rui-Qing Fan

## List of Publications by Year in descending order

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160  
papers

4,060  
citations

94433

37  
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189892

50  
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163  
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163  
docs citations

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times ranked

4531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Stable Zinc-Based Metal-Organic Frameworks and Corresponding Flexible Composites for Removal and Detection of Antibiotics in Water. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8650-8662.	8.0	108
2	3D Lanthanide Metal-Organic Frameworks Based on Mono-, Tri-, and Heterometallic Tetranuclear Clusters as Highly Selective and Sensitive Luminescent Sensor for Fe <sup>3+</sup> and Cu <sup>2+</sup> Ions. <i>Crystal Growth and Design</i> , 2016, 16, 5429-5440.	3.0	102
3	Self-Assembly of Hybrid Oxidant POM@Cu-BTC for Enhanced Efficiency and Long-Term Stability of Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17610-17615.	13.8	95
4	A simple quinolone Schiff-base containing CHEF based fluorescence "turn-on" chemosensor for distinguishing Zn <sup>2+</sup> and Hg <sup>2+</sup> with high sensitivity, selectivity and reversibility. <i>Dalton Transactions</i> , 2017, 46, 6769-6775.	3.3	85
5	Dual-Stimulus-Triggered Programmable Drug Release and Luminescent Ratiometric pH Sensing from Chemically Stable Biocompatible Zinc Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22746-22756.	8.0	83
6	Two-/three-dimensional open lanthanide-organic frameworks containing rigid/flexible dicarboxylate ligands: synthesis, crystal structure and photoluminescent properties. <i>CrystEngComm</i> , 2013, 15, 1931.	2.6	79
7	A highly sensitive turn-on ratiometric luminescent probe based on postsynthetic modification of Tb <sup>3+</sup> @Cu-MOF for H <sub>2</sub> S detection. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9943-9951.	5.5	77
8	Synthesis, Structure, and Luminescent Properties of Lanthanide-Based Two-Dimensional and Three-Dimensional Metal-Organic Frameworks with 2,4-Biphenyldicarboxylic Acid. <i>Crystal Growth and Design</i> , 2012, 12, 1337-1346.	3.0	73
9	Dual-emitting dye-CDs@MOFs for selective and sensitive identification of antibiotics and MnO <sub>4</sub> <sup>-</sup> in water. <i>Journal of Materials Chemistry C</i> , 2019, 7, 15057-15065.	5.5	73
10	Hydrophobicity-Adjustable MOF Constructs Superhydrophobic MOF-rGO Aerogel for Efficient Oil-Water Separation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 56435-56444.	8.0	71
11	Catalytic decomposition of ammonium perchlorate on hollow mesoporous CuO microspheres. <i>Vacuum</i> , 2019, 159, 105-111.	3.5	69
12	Controlled Zn <sup>2+</sup> -Triggered Drug Release by Preferred Coordination of Open Active Sites within Functionalization Indium Metal Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 28939-28948.	8.0	61
13	Anionic Ln-MOF with tunable emission for heavy metal ion capture and l-cysteine sensing in serum. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5587-5594.	10.3	61
14	Thermal decomposition of ammonium perchlorate over perovskite catalysts: Catalytic decomposition behavior, mechanism and application. <i>Applied Surface Science</i> , 2020, 513, 145849.	6.1	58
15	Enhanced photovoltaic performance of dye-sensitized solar cells using a new photoelectrode material: upconversion YbF <sub>3</sub> -Ho/TiO <sub>2</sub> nanoheterostructures. <i>Nanoscale</i> , 2016, 8, 4173-4180.	5.6	56
16	Doping of [In <sub>2</sub> (phen) <sub>3</sub> Cl <sub>6</sub> ] <sup>+</sup> ·CH <sub>3</sub> CN·2H <sub>2</sub> O Indium-Based Metal-Organic Framework into Hole Transport Layer for Enhancing Perovskite Solar Cell Efficiencies. <i>Advanced Energy Materials</i> , 2018, 8, 1702052.	19.5	55
17	1-D helical chain, 2-D layered network and 3-D porous lanthanide-organic frameworks based on multiple coordination sites of benzimidazole-5,6-dicarboxylic acid: synthesis, crystal structure, photoluminescence and thermal stability. <i>CrystEngComm</i> , 2013, 15, 4489.	2.6	52
18	Tunable white-light emission PMMA-supported film materials containing lanthanide coordination polymers: preparation, characterization, and properties. <i>Dalton Transactions</i> , 2017, 46, 4265-4277.	3.3	52

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19	Two-Dimensional Metal-Organic Frameworks-Based Grain Termination Strategy Enables High-Efficiency Perovskite Photovoltaics with Enhanced Moisture and Thermal Stability. <i>Advanced Functional Materials</i> , 2021, 31, 2010368.	14.9	51
20	One-pot synthesis of bimetallic metal-organic frameworks (MOFs) as acid-base bifunctional catalysts for tandem reaction. <i>Catalysis Science and Technology</i> , 2020, 10, 315-322.	4.1	50
21	Syntheses and Structures of Blue-Luminescent Mercury(II) Complexes with 2,6-Bis(imino)pyridyl Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 6034-6043.	4.0	48
22	Insight into the Controllable Synthesis of Cu(I)/Cu(II) Metal-Organic Complexes: Size-Exclusive Selective Dye Adsorption and Semiconductor Properties. <i>Crystal Growth and Design</i> , 2017, 17, 2549-2559.	3.0	47
23	Functional microscale single-phase white emission lanthanide MOF for tunable fluorescent sensing and water quality monitoring. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3598-3606.	5.5	47
24	Ammonium perchlorate encapsulating nanothermites as high energetic composites: Preparation, thermal decomposition and combustion properties. <i>Chemical Engineering Science</i> , 2019, 207, 334-343.	3.8	45
25	Research on the Mechanism of Aggregation-Induced Emission through Supramolecular Metal-Organic Frameworks with Mechanoluminescent Properties and Application in Press-Jet Printing. <i>Inorganic Chemistry</i> , 2017, 56, 12881-12892.	4.0	44
26	Synthesis and characterization of substituted Schiff-base ligands and their $10^4$ metal complexes: structure-induced luminescence tuning behaviors and applications in co-sensitized solar cells. <i>Dalton Transactions</i> , 2015, 44, 5306-5322.	3.3	42
27	Novel Hydrogen-Bonding Cross-Linking Aggregation-Induced Emission: Water as a Fluorescent "Ribbon" Detected in a Wide Range. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15744-15757.	8.0	42
28	Heterojunction Incorporating Perovskite and Microporous Metal-Organic Framework Nanocrystals for Efficient and Stable Solar Cells. <i>Nano-Micro Letters</i> , 2020, 12, 80.	27.0	42
29	Encapsulation and Sensitization of $\text{Ln}^{3+}$ within Indium Metal-Organic Frameworks for Ratiometric $\text{Eu}^{3+}$ Sensing and Linear Dependence of White-Light Emission. <i>Crystal Growth and Design</i> , 2017, 17, 2746-2756.	3.0	41
30	Lanthanide Coordination Polymer-Based Composite Films for Selective and Highly Sensitive Detection of $\text{Cr}_2\text{O}_7^{2-}$ in Aqueous Media. <i>Inorganic Chemistry</i> , 2019, 58, 15118-15125.	4.0	41
31	Enhance the performance of dye-sensitized solar cells by co-sensitization of 2,6-bis(iminoalkyl)pyridine and N719. <i>RSC Advances</i> , 2013, 3, 25908.	3.6	40
32	Cooperative Crystallization of Chiral Heterometallic Indium(III)-Potassium(I) Metal-Organic Frameworks as Photosensitizers in Luminescence Sensors and Dye-Sensitized Solar Cells. <i>Crystal Growth and Design</i> , 2016, 16, 1737-1745.	3.0	40
33	Enhanced performance of the dye-sensitized solar cells by the introduction of graphene oxide into the $\text{TiO}_2$ photoanode. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 54-62.	6.0	40
34	Band edge movement in dye sensitized Sm-doped $\text{TiO}_2$ solar cells: a study by variable temperature spectroelectrochemistry. <i>RSC Advances</i> , 2015, 5, 70512-70521.	3.6	39
35	(E)-N-(Pyridine-2-ylmethylene)arylamine as an Assembling Ligand for Zn(II)/Cd(II) Complexes: Aryl Substitution and Anion Effects on the Dimensionality and Luminescence Properties of the Supramolecular Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2016, 16, 3366-3378.	3.0	39
36	Hot-Pressing Method To Prepare Imidazole-Based Zn(II) Metal-Organic Complexes Coatings for Highly Efficient Air Filtration. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 9744-9755.	8.0	39

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37	Highly Stable and Regenerative Metal-Organic Framework Designed by Multiwalled Divider Installation Strategy for Detection of Co(II) Ions and Organic Aromatics in Water. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19881-19893.	8.0	38
38	Copper(II)-iodide based coordination polymers: bifunctional properties related to thermochromism and PMMA-doped polymer film materials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6249-6259.	5.5	37
39	Keggin-Type PMo <sub>11</sub> V as a P-type Dopant for Enhancing the Efficiency and Reproducibility of Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 2378-2386.	8.0	37
40	Multifunctional nanostructured host-guest POM@MOF with lead sequestration capability induced stable and efficient perovskite solar cells. <i>Nano Energy</i> , 2022, 97, 107184.	16.0	37
41	MOF-on-MOF Membrane with Cascading Functionality for Capturing Dichromate Ions and p-Arsanilic Acid Turn-On Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 58239-58251.	8.0	35
42	Core-shell nAl@Fc-Fx nanocomposites with dual function: Combustion and anti-migration performance. <i>Chemical Engineering Journal</i> , 2020, 394, 124884.	12.7	35
43	Improving the efficiency of ZnO-based dye-sensitized solar cells by Pr and N co-doping. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12066.	10.3	34
44	Europium-Functionalized Flexible Luminescent Zeolite-like Supramolecular Assembly for Ratiometric Anthrax Biomarker Determination. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 36081-36089.	8.0	34
45	Formation and Encapsulation of Lead Halide Perovskites in Lanthanide Metal-Organic Frameworks for Tunable Emission. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 9851-9857.	8.0	34
46	Structural Design of Low Toxicity Metal-Organic Frameworks for Multifunction Detection of Organic and Inorganic Contaminants from Water. <i>Inorganic Chemistry</i> , 2021, 60, 10387-10397.	4.0	34
47	New Insight into the Lewis Basic Sites in Metal-Organic Framework-Doped Hole Transport Materials for Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 5235-5244.	8.0	33
48	A Series of Lanthanide Metal-Organic Frameworks with Interesting Adjustable Photoluminescence Constructed by Helical Chains. <i>Chemistry - A European Journal</i> , 2015, 21, 10391-10399.	3.3	32
49	Dye-insertion dynamic breathing MOF as dual-emission platform for antibiotics detection and logic molecular operation. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 307-315.	7.8	32
50	Unusually Flexible Indium(III) Metal-Organic Polyhedra Materials for Detecting Trace Amounts of Water in Organic Solvents and High Proton Conductivity. <i>Inorganic Chemistry</i> , 2017, 56, 3429-3439.	4.0	31
51	Nitrogen-Doped Microporous Carbons Derived from Pyridine Ligand-Based Metal-Organic Complexes as High-Performance SO <sub>2</sub> Adsorption Sorbents. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 37407-37416.	8.0	31
52	Combined Effect of Hydrogen Bonding and $\pi$ - $\pi$ Stacking Interactions in the Assembly of Indium(III) Metal-Organic Materials: Structure-Directing and Aggregation-Induced Emission Behavior. <i>Crystal Growth and Design</i> , 2015, 15, 2402-2412.	3.0	30
53	SiW <sub>12</sub> @TiO <sub>2</sub> Mesoporous Layer for Enhanced Electron Extraction Efficiency and Conductivity in Perovskite Solar Cells. <i>ChemSusChem</i> , 2017, 10, 2218-2225.	6.8	30
54	Stimuli-Responsive Metal-Organic Framework on a Metal-Organic Framework Heterostructure for Efficient Antibiotic Detection and Anticounterfeiting. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 35689-35699.	8.0	30

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55	Rapid Electron Injection in Nitrogen- and Fluorine-Doped Flower-Like Anatase TiO <sub>2</sub> with {001} Dominated Facets and Dye-Sensitized Solar Cells with a 52% Increase in Photocurrent. <i>Journal of Physical Chemistry C</i> , 2014, 118, 8795-8802.	3.1	29
56	Construction of Polyoxometalate-Based Material for Eliminating Multiple Pb-Based Defects and Enhancing Thermal Stability of Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2105884.	14.9	29
57	Effects of solvents and temperature on the luminescence properties of Cd-isonicotinic acid frameworks based on mono-, bi-, and trinuclear cluster units. <i>CrystEngComm</i> , 2014, 16, 1113-1125.	2.6	28
58	Lignite-derived carbon quantum dot/TiO <sub>2</sub> heterostructure nanocomposites: photoinduced charge transfer properties and enhanced visible light photocatalytic activity. <i>New Journal of Chemistry</i> , 2019, 43, 18355-18368.	2.8	28
59	Sequentially epitaxial growth multi-guest encapsulation strategy in MOF-on-MOF platform: Biogenic amine detection and systematic white light adjustment. <i>Chemical Engineering Journal</i> , 2022, 436, 135236.	12.7	28
60	N-Doped Porous Carbon Derived by Direct Carbonization of Metal-Organic Complexes Crystal Materials for SO <sub>2</sub> Adsorption. <i>Crystal Growth and Design</i> , 2019, 19, 1973-1984.	3.0	27
61	Iodine-doped graphite carbon nitride for enhancing photovoltaic device performance via passivation trap states of triple cation perovskite films. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12717-12724.	5.5	27
62	From two-dimensional trapezoid-like layer to three-dimensional porous indium-4,4'-biphenyldicarboxylate MOFs. <i>CrystEngComm</i> , 2012, 14, 193-199.	2.6	25
63	Li-TFSI endohedral Metal-Organic frameworks in stable perovskite solar cells for Anti-Deliquescent and restricting ion migration. <i>Chemical Engineering Journal</i> , 2022, 429, 132481.	12.7	25
64	Smart MOF-on-MOF Hydrogel as a Simple Rod-shaped Core for Visual Detection and Effective Removal of Pesticides. <i>Small</i> , 2022, 18, e2201510.	10.0	25
65	Self-Organized Small Molecules in Robust MOFs for High-Performance Perovskite Solar Cells with Enhanced Degradation Activation Energy. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	25
66	Tunable Luminescence and Application in Dye-Sensitized Solar Cells of Zn(II)/Hg(II) Complexes: Methyl Substitution-Induced Supramolecular Structures Based on (E)-N-(6-Methoxy-pyridin-2-ylmethylene)arylamine Derivatives. <i>Inorganic Chemistry</i> , 2015, 54, 7742-7752.	4.0	24
67	Dual-Emitting Eu(III)-Cu(II) Heterometallic-Organic Framework: Simultaneous, Selective, and Sensitive Detection of Hydrogen Sulfide and Ascorbic Acid in a Wide Range. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32698-32706.	8.0	24
68	Metal organic framework doped Spiro-OMeTAD with increased conductivity for improving perovskite solar cell performance. <i>Solar Energy</i> , 2019, 188, 380-385.	6.1	24
69	Selective adsorption and detection of p-arsanilic acid on MOF-on-MOF heterostructure induced by nitrogen-rich self-assembly template. <i>Chemical Engineering Journal</i> , 2022, 427, 131483.	12.7	24
70	Preparation of TiN <sub>x</sub> /TiO <sub>2</sub> Photoelectrodes with NH <sub>3</sub> Under Controllable Middle Pressures for Dye-Sensitized Solar Cells. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3481-3487.	2.0	23
71	Fluorescent Carbon Quantum Dots Incorporated into Dye-Sensitized TiO <sub>2</sub> Photoanodes with Dual Contributions. <i>ChemSusChem</i> , 2016, 9, 1498-1503.	6.8	23
72	(E)-4-Methyl-N-((quinolin-2-yl)ethylidene)aniline as ligand for IIB supramolecular complexes: synthesis, structure, aggregation-induced emission enhancement and application in PMMA-doped hybrid material. <i>Dalton Transactions</i> , 2017, 46, 71-85.	3.3	23

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73	Metal(II)-Induced Synthesis of Asymmetric Fluorescence Benzimidazoles Complexes and Their Dye-Sensitized Solar Cell Performance as Cosensitizers. <i>Crystal Growth and Design</i> , 2017, 17, 5406-5421.	3.0	23
74	In situ self-assembled cationic lanthanide metal organic framework membrane sensor for effective MnO <sub>4</sub> <sup>2-</sup> and ascorbic acid detection. <i>Analytica Chimica Acta</i> , 2021, 1142, 211-220.	5.4	23
75	Fabrication of highly stable metal-organic frameworks and corresponding hydrophobic foam through a reticular chemistry strategy for simultaneous organic micropollutant and insoluble oil removal from wastewater. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3369-3378.	10.3	23
76	Dual functional fluorescent sensor for selectively detecting acetone and Fe <sup>3+</sup> based on {Cu <sub>2</sub> N <sub>4</sub> } substructure bridged Cu( <i>scp</i> ) coordination polymer. <i>RSC Advances</i> , 2016, 6, 110182-110189.	3.6	22
77	Controllable synthesis of Zn/Cd( <i>scp</i> ) coordination polymers: dual-emissive luminescent properties, and tailoring emission tendency under varying excitation energies. <i>Dalton Transactions</i> , 2016, 45, 4863-4878.	3.3	22
78	Cyclooctatetrathiophene-Cored Three-Dimensional Hole Transport Material Enabling Over 19% Efficiency of Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 8173-8180.	5.1	22
79	Structure variations of a series of lanthanide complexes constructed from quinoline carboxylate ligands: photoluminescent properties and PMMA matrix doping. <i>RSC Advances</i> , 2015, 5, 38254-38263.	3.6	21
80	Assembly of one-, two-, and three-dimensional Ln( <i>scp</i> ) complexes constructed from a novel asymmetric tricarboxylic acid: synthesis, structure, photoluminescence and tunable white-light emission. <i>CrystEngComm</i> , 2016, 18, 3711-3724.	2.6	21
81	Porous carbon-coated ZnO nanoparticles derived from low carbon content formic acid-based Zn(II) metal-organic frameworks towards long cycle lithium-ion anode material. <i>Electrochimica Acta</i> , 2016, 215, 171-178.	5.2	21
82	Portable metal-organic framework alginate beads for high-sensitivity fluorescence detection and effective removal of residual pesticides in fruits and vegetables. <i>Food Chemistry</i> , 2022, 377, 132054.	8.2	21
83	Self-assembly of two supramolecular indium( <i>scp</i> ) metal-organic frameworks for reversible iodine capture and large band gap change semiconductor behavior. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1480-1490.	6.0	19
84	Facile synthesis of nitrogen-doped reduced graphene oxide as an efficient counter electrode for dye-sensitized solar cells. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	19
85	Co-sensitized dye-sensitized solar cells based on d10 coordinate complexes towards their optoelectronic properties. <i>New Journal of Chemistry</i> , 2010, 34, 2599.	2.8	17
86	Different conjugated system Zn(ii) Schiff base complexes: supramolecular structure, luminescent properties, and applications in the PMMA-doped hybrid materials. <i>Dalton Transactions</i> , 2017, 46, 1266-1276.	3.3	17
87	Dual-emissive nanocomposites based on Eu( <i>scp</i> ) functionalized Cu( <i>scp</i> )-coordination polymer for ratiometric fluorescent sensing and integrating Boolean logic operations. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6229-6239.	5.5	17
88	Multifunctional Lanthanide-Based Metal-Organic Frameworks with a Polyheterotopic Ligand: Doped with Ytterbium(III) for Luminescence Enhancement and Selective Dye Adsorption. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2126-2134.	3.3	17
89	Polyoxometalate-Based Inorganic-Organic Hybrid [Cu(phen) <sub>2</sub> ] <sub>2</sub> [( $\mu$ -Mo <sub>8</sub> O <sub>26</sub> )]: A New Additive to Spiro-OMeTAD for Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 4224-4233.	5.1	17
90	A Copper Coordination Polymer with Matching Energy Level for Modifying Hole Transport Layers to Improve the Performance of Perovskite Solar Cells. <i>ChemSusChem</i> , 2019, 12, 2763-2772.	6.8	17

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91	Syntheses, structures, and luminescent properties of Zn(II) and Cd(II) complexes: 3-D supramolecules based on 2,6-bis(imino)pyridine ligands constructed by hydrogen bonding interactions. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1514-1530.	2.2	16
92	Indenone-fused N-heteroacenes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14314-14319.	5.5	16
93	A self-calibrating dual responsive platform for the sensitive detection of sulfite and sulfonic derivatives based on a robust Hf(IV) metal-organic framework. <i>Chemical Communications</i> , 2020, 56, 631-634.	4.1	16
94	Improved photovoltaic performance of mesoporous perovskite solar cells with hydrogenated TiO <sub>2</sub> : prolonged photoelectron lifetime and high separation efficiency of photoinduced charge. <i>RSC Advances</i> , 2016, 6, 65125-65135.	3.6	15
95	Topological Evolution in Mercury(II) Schiff Base Complexes Tuned through Alkyl Substitution: Synthesis, Solid-State Structures, and Aggregation-Induced Emission Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3598-3610.	2.0	15
96	A windmill-like Zn <sub>3</sub> L <sub>2</sub> cage exhibiting conformational change imparted sensing for DMA and highly selective naked-eye detection of Co <sup>2+</sup> ion by dynamic quenching. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 68-76.	7.8	15
97	A Dual Associated-Functional Fluorescent Switch: From Alternate Detection Cycle for Fe(III) and pH to Molecular Logic Operations. <i>Inorganic Chemistry</i> , 2019, 58, 2122-2132.	4.0	15
98	Insights into the Mechanism of Solid-State Metal Organic Complexes as Controllable and Stable p-Type Dopants in Efficient Planar Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 546-555.	8.0	15
99	Effect of different donor groups in bis(6-methoxypyridin-2-yl) substituted co-sensitizer on the performance of N719 sensitized solar cells. <i>RSC Advances</i> , 2015, 5, 96934-96944.	3.6	14
100	A dual-emitting Tb(III)&Yb(III)-functionalized coordination polymer: a turn-on sensor for N-methylformamide in urine and a turn-off sensor for methylglyoxal in serum. <i>Dalton Transactions</i> , 2019, 48, 14408-14417.	3.3	14
101	Enhanced Thermal Decomposition Properties and Catalytic Mechanism of Ammonium Perchlorate over CuO/MoS <sub>2</sub> Composite. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5060.	3.5	14
102	Metal-Organic Framework-Derived N-Rich Porous Carbon as an Auxiliary Additive of Hole Transport Layers for Highly Efficient and Long-Term Stable Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 1900380.	5.8	14
103	Mixed functionalization strategy on indium-organic framework for multiple ion detection and H <sub>2</sub> O <sub>2</sub> turn-on sensing. <i>Dalton Transactions</i> , 2021, 50, 7554-7562.	3.3	14
104	Fluorescence Properties Change of Lanthanide Coordination Polymers Dispersed in Mesoporous SBA-15 by Energy Transition Process. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 744-755.	3.7	12
105	Luminescent properties of Ag(I)/Cu(I) coordination polymers: crystal structures and high intensity luminescence of a PMMA-doped hybrid material based on a quinoline-2,3-dicarboxylic acid ligand. <i>RSC Advances</i> , 2015, 5, 17343-17353.	3.6	12
106	Different conjugated system Cd(II)/Hg(II) Schiff base complexes: syntheses, supramolecular metal-organic frameworks, luminescent properties and DFT study. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1953-1972.	2.2	12
107	Smart cationic coordination polymer: A single-crystal-to-single-crystal approach for simultaneous detection and removal of perchlorate in aqueous media. <i>Chemical Engineering Journal</i> , 2020, 380, 122580.	12.7	12
108	A robust turn-on luminescent MOF probe with redox center and rare RE <sub>4</sub> cluster for highly sensitive detection of captopril. <i>Sensors and Actuators B: Chemical</i> , 2022, 357, 131399.	7.8	12

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109	Influence of anchoring group numbers in an efficient pyridine-anchor co-adsorbent of pyridinecarboxaldimine substituted aminonaphthalene on the performance of N719 sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 39972-39981.	3.6	11
110	Luminescence properties of a Zn(ii) supramolecular framework: easily tunable optical properties by variation of the alkyl substitution of (E)-N-(pyridine-2-ylethylidyne)arylamine ligands. <i>RSC Advances</i> , 2016, 6, 110422-110432.	3.6	11
111	Construction of efficient photoanodes for dye sensitized solar cells: TiO <sub>2</sub> films with a gradient content of graphene. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1112-1122.	4.9	11
112	Aluminum nanoparticles manufactured using a ball-milling method with ammonium chloride as a grinding aid: achieving energy release at low temperature. <i>New Journal of Chemistry</i> , 2019, 43, 1851-1856.	2.8	11
113	New insight into the grafted transition metal ions in trilaunary Keggin polyoxometalates dopants for efficient and stable perovskite solar cells. <i>Journal of Power Sources</i> , 2021, 504, 230073.	7.8	11
114	Investigation on the Mechanism of Radical Intermediate Formation and Moderate Oxidation of Spiro-OMeTAD by the Synergistic Effect of Multisubstituted Polyoxometalates in Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17610-17620.	8.0	11
115	Novel bright blue emissions IIB group complexes constructed with various polyhedron-induced 2-[2-(6-methoxy-pyridyl)]-benzimidazole derivatives. <i>CrystEngComm</i> , 2014, 16, 6114.	2.6	10
116	Enhanced Charge Transport and Interface Passivation in Efficient Perovskite Solar Cells Using Sulfur-Doped Graphite Carbon Nitride-Modified SnO <sub>2</sub> -Based Electron Transport Layers. <i>Solar Rrl</i> , 2021, 5, 2100058.	5.8	10
117	Highly sensitive and selective fluorescent probes for Hg <sup>2+</sup> in Ag <sub>i</sub> /Cu <sub>ii</sub> 3D supramolecular architectures based on noncovalent interactions. <i>Dalton Transactions</i> , 2016, 45, 16422-16432.	3.3	9
118	HONH <sub>3</sub> Cl optimized CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> films for improving performance of planar heterojunction perovskite solar cells via a one-step route. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26254-26261.	2.8	9
119	Preparation of Composite Filters Based on Porous Coordination Polymers by Using a Vacuum Filtration Method for Highly Efficient Removal of Particulate Matters. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2291-2301.	3.3	9
120	Inverted thermal annealing of perovskite films: a method for enhancing photovoltaic device efficiency. <i>RSC Advances</i> , 2016, 6, 44034-44040.	3.6	8
121	Effect of noncovalent interactions on Ag <sub>i</sub> /Cu <sub>ii</sub> supramolecular architecture for dual-functional luminescence and semiconductive properties. <i>CrystEngComm</i> , 2016, 18, 6411-6424.	2.6	8
122	Enhanced Crystallization and Optimized Morphology of Perovskites Through Doping an Indium-Based Metal-Organic Assembly: Achieving Significant Solar Cell Efficiency Enhancements. <i>Energy Technology</i> , 2019, 7, 1900027.	3.8	8
123	Synthesis and Hydrogen Desorption Properties of Nanoscale $\pm$ -AlH <sub>3</sub> . <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 2798-2803.	0.6	8
124	Crystal Structures and Effect of Temperature on the Luminescence of Two Lanthanide Coordination Polymers with Twofold Interpenetrating pcu Topology. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 624-632.	3.7	7
125	Prolonged lifetime and retarded recombination in dye sensitized solar cells using hydrogenated fluorine doped TiO <sub>2</sub> nanocrystals as a photoanode. <i>RSC Advances</i> , 2016, 6, 99251-99259.	3.6	7
126	Three-dimensional flower-like rutile TiO <sub>2</sub> microsphere composed of nanorods: a potential material as light scattering layer for DSSCs. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 298-304.	2.6	7



#	ARTICLE	IF	CITATIONS
127	Metal-Organic Complexes@Melamine Foam Template Strategy to Prepare Three-Dimensional Porous Carbon with Hollow Spheres Structures for Efficient Organic Vapor and Small Molecule Gas Adsorption. <i>Inorganic Chemistry</i> , 2020, 59, 5983-5992.	4.0	7
128	Assembly of Fe(III)-Grafted Metal-Organic Complexes as p-Type Dopants for Efficient and Stable Perovskite Solar Cells. <i>Solar Rrl</i> , 2021, 5, .	5.8	7
129	New Insights into the Catalytic Decomposition of Ammonium Perchlorate and Decomposition Mechanism by Nano-CuO Dispersed in Graphite-Carbon Nitride Nanosheet Composites. <i>ChemNanoMat</i> , 2022, 8, .	2.8	7
130	Triple Helical Molecular Braid and Parallel Packed Wavy Chain-Based Supramolecular Organic Frameworks with Conformation- and Packing-Dependent Luminescent Properties. <i>Crystal Growth and Design</i> , 2016, 16, 4727-4735.	3.0	6
131	Key effect of robust $\pi$ - $\pi$ stacking on AIE performance for supramolecular indium(III)-organic assemblies and application in PMMA-doped hybrid material. <i>Inorganic Chemistry Communication</i> , 2018, 90, 39-44.	3.9	6
132	Multiple-color aggregation-induced emission-based Schiff base sensors for ultrafast dual recognition of Hg <sup>2+</sup> and pH integrating Boolean logic operations. <i>Journal of Coordination Chemistry</i> , 2019, 72, 102-118.	2.2	6
133	Micromesoporous Nitrogen-Doped Carbon Materials Derived from Direct Carbonization of Metal-Organic Complexes for Efficient CO <sub>2</sub> Adsorption and Separation. <i>Inorganic Chemistry</i> , 2019, 58, 5345-5355.	4.0	6
134	Preparation of YbF <sub>3</sub> -Ho@TiO <sub>2</sub> core-shell sub-microcrystal spheres and their application to the electrode of dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2020, 44, 10545-10553.	2.8	6
135	Sulfur-rich benzodithieno[3,2-b]thiophene-cored hole transporting materials for long-time stability of perovskite solar cells. <i>Dyes and Pigments</i> , 2021, 193, 109506.	3.7	6
136	Dual-emission 3D supramolecular framework hydrogel beads: highly selective detection of antibiotics and mechanism research. <i>Dalton Transactions</i> , 2021, 50, 15679-15687.	3.3	6
137	Benzothiophene and benzosulfone fused pyrazino[2,3-g]quinoxaline: Synthesis and semiconducting properties. <i>Chinese Chemical Letters</i> , 2023, 34, 107235.	9.0	6
138	Synthesis, crystal structure and catalytic performance of bis(imino)pyridyl nickel complexes. <i>Journal of Coordination Chemistry</i> , 2007, 60, 919-927.	2.2	5
139	Self-assembled synthesis and surface photovoltage properties of polyhedron-constructed micrometer solid sphere and hollow-sphere In <sub>2</sub> S <sub>3</sub> . <i>RSC Advances</i> , 2014, 4, 17245-17248.	3.6	5
140	Regulated Film Quality with Methylammonium Bromide Addition in a Two-Step Sequential Deposition to Improve the Performance of Perovskite Solar Cells. <i>Energy Technology</i> , 2017, 5, 1873-1879.	3.8	5
141	Porous Cr <sub>2</sub> O <sub>3</sub> bead with a 3D continuous pore architecture: synthesis and its catalytic performance for decomposition of ammonium perchlorate. <i>New Journal of Chemistry</i> , 2019, 43, 10560-10566.	2.8	5
142	Self-Assembly of Hybrid Oxidant POM@CuBTC for Enhanced Efficiency and Long-Term Stability of Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2019, 131, 17774-17779.	2.0	4
143	Ball Milling Produced FeF <sub>3</sub> -Containing Nanothermites: Investigations of Its Thermal and Inflaming Properties. <i>ChemistrySelect</i> , 2019, 4, 12662-12667.	1.5	4
144	Chemical doping engineering by utilizing trilacunary Keggin polyoxometalates as a dopant for high performance perovskite solar cells. <i>Dalton Transactions</i> , 2021, 50, 279-286.	3.3	4

#	ARTICLE	IF	CITATIONS
145	Suppressing Glass-Transition and Lithium-Ions Migration in Hole Transport Layer by $V_2O_5$ Decorated Graphite Carbon Nitride Nanosheets for Thermally Stable Perovskite Solar Cells. <i>Solar Rrl</i> , 2022, 6, .	5.8	4
146	A blue-green-emitting 3D supramolecular compound: synthesis, crystal structure and effect of solvents and temperature on the luminescent properties. <i>Supramolecular Chemistry</i> , 2013, 25, 416-423.	1.2	3
147	Fabrication of hybrid aluminum nanoparticles with organosilicon surface by solvent-free coating approach. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	3
148	Core-shell structured nAl@F-x nanocomposite: preparation and their improved combustion performances. <i>Journal of Energetic Materials</i> , 2022, 40, 61-81.	2.0	3
149	Hydrothermal syntheses, crystal structures and thermal properties of two new organically templated open-framework gallium phosphites. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 201-205.	2.6	2
150	Direct observation of a fast single-crystal-to-single-crystal transformation from a CuII-framework to a CuI-chain mediated by ascorbic acid. <i>CrystEngComm</i> , 2016, 18, 1878-1882.	2.6	2
151	Generation of Controllable High Energy Nanosecond Flat-Top Waveform Based on Brillouin Amplification. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 705-708.	2.5	2
152	Two Novel Cu/Mn Metal-Organic Framework Based on Aromatic Dicarboxylic Acid: Synthesis, Crystal Structure, Thermal Stability, and Luminescence Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1224-1235.	0.6	2
153	Synthesis of an Efficient Counter Electrode Material for Dye-Sensitized Solar Cells by Pyrolysis of Melamine and Graphene Oxide. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2138-2146.	0.9	2
154	Synthesis and crystal structure of 1D Cd-amine coordination polymer and its luminescent properties. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 720-725.	2.6	1
155	1-D wave-like chain, twofold 2-D layer, and chiral 3-D open framework based on multidentate ligand: structural diversities, thermal properties, and photoluminescence. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1014-1025.	2.2	1
156	The Evolution of Classical Spiro-OMeTAD: Synthesis of Arylamine Endcapped Indenone Spirofluorene. <i>Frontiers in Chemistry</i> , 2022, 10, .	3.6	1
157	Tetra- $\frac{1}{4}$ -acetato- $\text{[}^{10}\text{O}^{\ominus 2}; \text{I}^{\ominus 3}\text{O}, \text{O}^{\ominus 2}; \text{I}^{\ominus 3}\text{O}: \text{O}, \text{O}^{\ominus 2}$ -bis[(acetato- $\text{I}^{\ominus 2}\text{O}, \text{O}^{\ominus 2}$ )(1,10-phenanthroline- $\text{I}^{\ominus 2}\text{N}, \text{N}^{\ominus 2}$ )europium(III)], <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1565-m1565.	0.2	0
158	Spectrum Improvement of a High-Power Broad-Area Laser Diode Based on a Grating Semi-Feedback External Cavity Scheme. <i>Journal of Russian Laser Research</i> , 2016, 37, 302-307.	0.6	0
159	Boosting the Film Quality by Simultaneously Pre-wetting the $\text{PbI}_2$ Film and Ostwald Ripening the $\text{MAPbI}_3$ Film with DMSO Addition into MAI Solution. <i>ChemistrySelect</i> , 2018, 3, 4951-4958.	1.5	0
160	2,6-Bis[1-(2-methylphenylimino)ethyl]pyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1480-o1480.	0.2	0