Yulin Yang

List of Publications by Year
in descending order

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169	4,147	94433	189892
papers	citations	37 h-index	50 g-index

171	171	171	4779
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Stable Zinc-Based Metalâ€“Organic Frameworks and Corresponding Flexible Composites for Removal and Detection of Antibiotics in Water. ACS Applied Materials & Interfaces, 2020, 12, 8650-8662.	8.0	108
2	Selfâ€Assembly of Hybrid Oxidant POM@Cuâ€BTC for Enhanced Efficiency and Longâ€Term Stability of Perovskite Solar Cells. Angewandte Chemie - International Edition, 2019, 58, 17610-17615.	13.8	95
3	A simple quinolone Schiff-base containing CHEF based fluorescence â€˜turn-onâ€™ chemosensor for distinguishing Zn²⁺ and Hg²⁺ with high sensitivity, selectivity and reversibility. Dalton Transactions, 2017, 46, 6769-6775.	3.3	85
4	Dual-Stimulus-Triggered Programmable Drug Release and Luminescent Ratiometric pH Sensing from Chemically Stable Biocompatible Zinc Metalâ€“Organic Framework. ACS Applied Materials & Interfaces, 2018, 10, 22746-22756.	8.0	83
5	Two-/three-dimensional open lanthanideâ€“organic frameworks containing rigid/flexible dicarboxylate ligands: synthesis, crystal structure and photoluminescent properties. CrystEngComm, 2013, 15, 1931.	2.6	79
6	A highly sensitive turn-on ratiometric luminescent probe based on postsynthetic modification of Tb³⁺@Cu-MOF for H₂S detection. Journal of Materials Chemistry C, 2017, 5, 9943-9951.	5.5	77
7	Synthesis, Structure, and Luminescent Properties of Lanthanide-Based Two-Dimensional and Three-Dimensional Metalâ€“Organic Frameworks with 2,4â€²-Biphenyldicarboxylic Acid. Crystal Growth and Design, 2012, 12, 1337-1346.	3.0	73
8	Improved Performance and Reproducibility of Perovskite Solar Cells by Well-Soluble Tris(pentafluorophenyl)borane as a p-Type Dopant. ACS Applied Materials & Interfaces, 2017, 9, 17923-17931.	8.0	73
9	Dual-emitting dye-CDs@MOFs for selective and sensitive identification of antibiotics and MnO₄^{â^’} in water. Journal of Materials Chemistry C, 2019, 7, 15057-15065.	5.5	73
10	Hydrophobicity-Adjustable MOF Constructs Superhydrophobic MOF-rGO Aerogel for Efficient Oilâ€“Water Separation. ACS Applied Materials & Interfaces, 2020, 12, 56435-56444.	8.0	71
11	Catalytic decomposition of ammonium perchlorate on hollow mesoporous CuO microspheres. Vacuum, 2019, 159, 105-111.	3.5	69
12	Controlled Zn²⁺-Triggered Drug Release by Preferred Coordination of Open Active Sites within Functionalization Indium Metal Organic Frameworks. ACS Applied Materials & Interfaces, 2017, 9, 28939-28948.	8.0	61
13	Anionic Lnâ€“MOF with tunable emission for heavy metal ion capture and <scp>l</scp>-cysteine sensing in serum. Journal of Materials Chemistry A, 2020, 8, 5587-5594.	10.3	61
14	Thermal decomposition of ammonium perchlorate over perovskite catalysts: Catalytic decomposition behavior, mechanism and application. Applied Surface Science, 2020, 513, 145849.	6.1	58
15	Enhanced photovoltaic performance of dye-sensitized solar cells using a new photoelectrode material: upconversion YbF₃-Ho/TiO₂nanoheterostructures. Nanoscale, 2016, 8, 4173-4180.	5.6	56
16	Doping of [In₂(phen)₃Cl₆]Â·CH₃CNÂ·2H₂O Indiumâ€Based Metalâ€“Organic Framework into Hole Transport Layer for Enhancing Perovskite Solar Cell Efficiencies. Advanced Energy Materials, 2018, 8, 1702052.	19.5	55
17	1-D helical chain, 2-D layered network and 3-D porous lanthanideâ€“organic frameworks based on multiple coordination sites of benzimidazole-5,6-dicarboxylic acid: synthesis, crystal structure, photoluminescence and thermal stability. CrystEngComm, 2013, 15, 4489.	2.6	52
18	Tunable white-light emission PMMA-supported film materials containing lanthanide coordination polymers: preparation, characterization, and properties. Dalton Transactions, 2017, 46, 4265-4277.	3.3	52

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19	Twoâ€Dimensional Metalâ€“Organic Frameworksâ€Based Grain Termination Strategy Enables Highâ€Efficiency Perovskite Photovoltaics with Enhanced Moisture and Thermal Stability. Advanced Functional Materials, 2021, 31, 2010368.	14.9	51
20	One-pot synthesis of bimetallic metalâ€“organic frameworks (MOFs) as acidâ€“base bifunctional catalysts for tandem reaction. Catalysis Science and Technology, 2020, 10, 315-322.	4.1	50
21	Insight into the Controllable Synthesis of Cu(I)/Cu(II) Metalâ€“Organic Complexes: Size-Exclusive Selective Dye Adsorption and Semiconductor Properties. Crystal Growth and Design, 2017, 17, 2549-2559.	3.0	47
22	Functional microscale single-phase white emission lanthanide MOF for tunable fluorescent sensing and water quality monitoring. Journal of Materials Chemistry C, 2019, 7, 3598-3606.	5.5	47
23	Ammonium perchlorate encapsulating nanothermites as high energetic composites: Preparation, thermal decomposition and combustion properties. Chemical Engineering Science, 2019, 207, 334-343.	3.8	45
24	Research on the Mechanism of Aggregation-Induced Emission through Supramolecular Metalâ€“Organic Frameworks with Mechanoluminescent Properties and Application in Press-Jet Printing. Inorganic Chemistry, 2017, 56, 12881-12892.	4.0	44
25	Recent Development on Narrow Bandgap Conjugated Polymers for Polymer Solar Cells. Polymers, 2017, 9, 39.	4.5	44
26	Novel Hydrogen-Bonding Cross-Linking Aggregation-Induced Emission: Water as a Fluorescent â€œRibbonâ€•Detected in a Wide Range. ACS Applied Materials & Interfaces, 2017, 9, 15744-15757.	8.0	42
27	Heterojunction Incorporating Perovskite and Microporous Metalâ€“Organic Framework Nanocrystals for Efficient and Stable Solar Cells. Nano-Micro Letters, 2020, 12, 80.	27.0	42
28	Encapsulation and Sensitization of Ln³⁺ within Indium Metalâ€“Organic Frameworks for Ratiometric Eu³⁺ Sensing and Linear Dependence of White-Light Emission. Crystal Growth and Design, 2017, 17, 2746-2756.	3.0	41
29	Lanthanide Coordination Polymer-Based Composite Films for Selective and Highly Sensitive Detection of Cr₂O₇^{2â€“} in Aqueous Media. Inorganic Chemistry, 2019, 58, 15118-15125.	4.0	41
30	Enhance the performance of dye-sensitized solar cells by co-sensitization of 2,6-bis(iminoalkyl)pyridine and N719. RSC Advances, 2013, 3, 25908.	3.6	40
31	Enhanced performance of the dye-sensitized solar cells by the introduction of graphene oxide into the TiO₂photoanode. Inorganic Chemistry Frontiers, 2018, 5, 54-62.	6.0	40
32	Band edge movement in dye sensitized Sm-doped TiO₂ solar cells: a study by variable temperature spectroelectrochemistry. RSC Advances, 2015, 5, 70512-70521.	3.6	39
33	(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 Metalâ€“Organic Frameworks. Crystal Growth and Design, 2016, 16, 3366-3378.	3.0	39
34	Hot-Pressing Method To Prepare Imidazole-Based Zn(II) Metalâ€“Organic Complexes Coatings for Highly Efficient Air Filtration. ACS Applied Materials & Interfaces, 2018, 10, 9744-9755.	8.0	39
35	Highly Stable and Regenerative Metalâ€“Organic Framework Designed by Multiwalled Divider Installation Strategy for Detection of Co(II) Ions and Organic Aromatics in Water. ACS Applied Materials & Interfaces, 2017, 9, 19881-19893.	8.0	38
36	Enhanced photocatalytic H2 evolution and phenol degradation over sulfur doped meso/macroporous g-C3N4 spheres with continuous channels. International Journal of Hydrogen Energy, 2019, 44, 707-719.	7.1	38

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37	Copper(<scp>i</scp>)-iodide based coordination polymers: bifunctional properties related to thermochromism and PMMA-doped polymer film materials. Journal of Materials Chemistry C, 2015, 3, 6249-6259.	5.5	37
38	Keggin-Type PMo₁₁V as a P-type Dopant for Enhancing the Efficiency and Reproducibility of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 2378-2386.	8.0	37
39	Two-dimensional benzo[1,2-b:4,5-bâ€²]difuran-based wide bandgap conjugated polymers for efficient fullerene-free polymer solar cells. Journal of Materials Chemistry A, 2018, 6, 4023-4031.	10.3	37
40	MOF-on-MOF Membrane with Cascading Functionality for Capturing Dichromate Ions and p-Arsanilic Acid Turn-On Sensing. ACS Applied Materials & Interfaces, 2020, 12, 58239-58251.	8.0	35
41	Core-shell nAl@Fc-Fx nanocomposites with dual function: Combustion and anti-migration performance. Chemical Engineering Journal, 2020, 394, 124884.	12.7	35
42	Improving the efficiency of ZnO-based dye-sensitized solar cells by Pr and N co-doping. Journal of Materials Chemistry A, 2013, 1, 12066.	10.3	34
43	Europium-Functionalized Flexible Luminescent Zeolite-like Supramolecular Assembly for Ratiometric Anthrax Biomarker Determination. ACS Applied Materials & Interfaces, 2019, 11, 36081-36089.	8.0	34
44	Formation and Encapsulation of Lead Halide Perovskites in Lanthanide Metalâ€“Organic Frameworks for Tunable Emission. ACS Applied Materials & Interfaces, 2020, 12, 9851-9857.	8.0	34
45	Structural Design of Low Toxicity Metalâ€“Organic Frameworks for Multifunction Detection of Organic and Inorganic Contaminants from Water. Inorganic Chemistry, 2021, 60, 10387-10397.	4.0	34
46	New Insight into the Lewis Basic Sites in Metalâ€“Organic Framework-Doped Hole Transport Materials for Efficient and Stable Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 5235-5244.	8.0	33
47	Recent Progress in the Application of Polyoxometalates for Dyeâ€sensitized/Organic Solar Cells. Chinese Journal of Chemistry, 2016, 34, 747-756.	4.9	32
48	Dye-insertion dynamic breathing MOF as dual-emission platform for antibiotics detection and logic molecular operation. Sensors and Actuators B: Chemical, 2019, 288, 307-315.	7.8	32
49	Reduced graphene oxide modified TiO2 semiconductor materials for dye-sensitized solar cells. RSC Advances, 2016, 6, 100866-100875.	3.6	31
50	Unusually Flexible Indium(III) Metalâ€“Organic Polyhedra Materials for Detecting Trace Amounts of Water in Organic Solvents and High Proton Conductivity. Inorganic Chemistry, 2017, 56, 3429-3439.	4.0	31
51	Nitrogen-Doped Microporous Carbons Derived from Pyridine Ligand-Based Metalâ€“Organic Complexes as High-Performance SO₂ Adsorption Sorbents. ACS Applied Materials & Interfaces, 2018, 10, 37407-37416.	8.0	31
52	SiW₁₂â€“TiO₂ Mesoporous Layer for Enhanced Electronâ€Extraction Efficiency and Conductivity in Perovskite Solar Cells. ChemSusChem, 2017, 10, 2218-2225.	6.8	30
53	Stimuli-Responsive Metalâ€“Organic Framework on a Metalâ€“Organic Framework Heterostructure for Efficient Antibiotic Detection and Anticounterfeiting. ACS Applied Materials & Interfaces, 2021, 13, 35689-35699.	8.0	30
54	Construction of Polyoxometalateâ€Based Material for Eliminating Multiple Pbâ€Based Defects and Enhancing Thermal Stability of Perovskite Solar Cells. Advanced Functional Materials, 2021, 31, 2105884.	14.9	29

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55	Effects of solvents and temperature on the luminescence properties of Cd-isonicotinic acid frameworks based on mono-, bi-, and trinuclear cluster units. CrystEngComm, 2014, 16, 1113-1125.	2.6	28
56	Lignite-derived carbon quantum dot/TiO2 heterostructure nanocomposites: photoinduced charge transfer properties and enhanced visible light photocatalytic activity. New Journal of Chemistry, 2019, 43, 18355-18368.	2.8	28
57	Sequentially epitaxial growth multi-guest encapsulation strategy in MOF-on-MOF platform: Biogenic amine detection and systematic white light adjustment. Chemical Engineering Journal, 2022, 436, 135236.	12.7	28
58	N-Doped Porous Carbon Derived by Direct Carbonization of Metalâ€“Organic Complexes Crystal Materials for SO₂ Adsorption. Crystal Growth and Design, 2019, 19, 1973-1984.	3.0	27
59	Iodine-doped graphite carbon nitride for enhancing photovoltaic device performance via passivation trap states of triple cation perovskite films. Journal of Materials Chemistry C, 2019, 7, 12717-12724.	5.5	27
60	Synthesis of three-dimensional nitrogen doped meso/macroporous carbon beads for heterogeneous catalytic solvent-free oxidation of ethylbenzene. Carbon, 2020, 158, 226-237.	10.3	26
61	Encapsulated boron-based energetic spherical composites with improved reaction efficiency and combustion performance. Chemical Engineering Journal, 2022, 433, 134478.	12.7	26
62	From two-dimensional trapezoid-like layer to three-dimensional porous indium-4,4â€²-biphenyldicarboxylate MOFs. CrystEngComm, 2012, 14, 193-199.	2.6	25
63	Fabrication and mechanistic study of AP/nAl/PTFE spherical encapsulated energetic materials with enhanced combustion performance. Chemical Engineering Science, 2020, 222, 115701.	3.8	25
64	Li-TFSI endohedral Metal-Organic frameworks in stable perovskite solar cells for Anti-Deliquescent and restricting ion migration. Chemical Engineering Journal, 2022, 429, 132481.	12.7	25
65	Smart MOFâ€onâ€MOF Hydrogel as a Simple Rodâ€shaped Core for Visual Detection and Effective Removal of Pesticides. Small, 2022, 18, e2201510.	10.0	25
66	Selfâ€Organized Small Molecules in Robust MOFs for Highâ€Performance Perovskite Solar Cells with Enhanced Degradation Activation Energy. Advanced Functional Materials, 2022, 32, .	14.9	25
67	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-Methoxypyridin-2-ylmethylene)arylamine Derivatives. Inorganic Chemistry, 2015, 54, 7742-7752.	4.0	24
68	Dual-Emitting Eu(III)â€“Cu(II) Heterometallicâ€“Organic Framework: Simultaneous, Selective, and Sensitive Detection of Hydrogen Sulfide and Ascorbic Acid in a Wide Range. ACS Applied Materials & Interfaces, 2018, 10, 32698-32706.	8.0	24
69	Metal organic framework doped Spiro-OMeTAD with increased conductivity for improving perovskite solar cell performance. Solar Energy, 2019, 188, 380-385.	6.1	24
70	Selective adsorption and detection of p-arsanilic acid on MOF-on-MOF heterostructure induced by nitrogen-rich self-assembly template. Chemical Engineering Journal, 2022, 427, 131483.	12.7	24
71	Preparation of TiN_xO_{2â€“x} Photoelectrodes with NH₃ Under Controllable Middle Pressures for Dyeâ€Sensitized Solar Cells. European Journal of Inorganic Chemistry, 2009, 2009, 3481-3487.	2.0	23
72	Fluorescent Carbon Quantum Dots Incorporated into Dyeâ€Sensitized TiO₂ Photoanodes with Dual Contributions. ChemSusChem, 2016, 9, 1498-1503.	6.8	23

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73	(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. Dalton Transactions, 2017, 46, 71-85.	3.3	23
74	Metal(II)-Induced Synthesis of Asymmetric Fluorescence Benzimidazoles Complexes and Their Dye-Sensitized Solar Cell Performance as Cosensitizers. Crystal Growth and Design, 2017, 17, 5406-5421.	3.0	23
75	Wide-Bandgap Conjugated Polymers Based on Alkylthiofuran-Substituted Benzo[1,2-b:4,5-bâ€²]difuran for Efficient Fullerene-Free Polymer Solar Cells. Macromolecules, 2018, 51, 2498-2505.	4.8	23
76	In situ self-assembled cationic lanthanide metal organic framework membrane sensor for effective MnO4â¯ and ascorbic acid detection. Analytica Chimica Acta, 2021, 1142, 211-220.	5.4	23
77	Fabrication of highly stable metalâ€“organic frameworks and corresponding hydrophobic foam through a reticular chemistry strategy for simultaneous organic micropollutant and insoluble oil removal from wastewater. Journal of Materials Chemistry A, 2021, 9, 3369-3378.	10.3	23
78	Dual functional fluorescent sensor for selectively detecting acetone and Fe³⁺ based on {Cu₂N₄} substructure bridged Cu(<scp>i</scp>) coordination polymer. RSC Advances, 2016, 6, 110182-110189.	3.6	22
79	Controllable synthesis of Zn/Cd(<scp>ii</scp>) coordination polymers: dual-emissive luminescent properties, and tailoring emission tendency under varying excitation energies. Dalton Transactions, 2016, 45, 4863-4878.	3.3	22
80	Cyclooctatetrathiophene-Cored Three-Dimensional Hole Transport Material Enabling Over 19% Efficiency of Perovskite Solar Cells. ACS Applied Energy Materials, 2019, 2, 8173-8180.	5.1	22
81	4-Tert butylpyridine induced MAPbI3 film quality enhancement for improving the photovoltaic performance of perovskite solar cells with two-step deposition route. Applied Surface Science, 2019, 484, 637-645.	6.1	22
82	Facile synthesis of molecularly imprinted black TiO2-x/carbon dots nanocomposite and its recognizable photocatalytic performance under visible-light. Applied Surface Science, 2021, 551, 149476.	6.1	22
83	Structure variations of a series of lanthanide complexes constructed from quinoline carboxylate ligands: photoluminescent properties and PMMA matrix doping. RSC Advances, 2015, 5, 38254-38263.	3.6	21
84	Assembly of one-, two-, and three-dimensional Ln(<scp>iii</scp>) complexes constructed from a novel asymmetric tricarboxylic acid: synthesis, structure, photoluminescence and tunable white-light emission. CrystEngComm, 2016, 18, 3711-3724.	2.6	21
85	Portable metal-organic framework alginate beads for high-sensitivity fluorescence detection and effective removal of residual pesticides in fruits and vegetables. Food Chemistry, 2022, 377, 132054.	8.2	21
86	Self-assembly of two supramolecular indium(<scp>iii</scp>) metalâ€“organic frameworks for reversible iodine capture and large band gap change semiconductor behavior. Inorganic Chemistry Frontiers, 2016, 3, 1480-1490.	6.0	19
87	Facile synthesis of nitrogen-doped reduced graphene oxide as an efficient counter electrode for dye-sensitized solar cells. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	19
88	An Asymmetrical Polymer Based on Thieno[2,3-f]benzofuran for Efficient Fullerene-Free Polymer Solar Cells. ACS Applied Energy Materials, 2018, 1, 1888-1892.	5.1	18
89	Different conjugated system Zn(ii) Schiff base complexes: supramolecular structure, luminescent properties, and applications in the PMMA-doped hybrid materials. Dalton Transactions, 2017, 46, 1266-1276.	3.3	17
90	Dual-emissive nanocomposites based on Eu(<scp>iii</scp>) functionalized Cu(<scp>i</scp>)-coordination polymer for ratiometric fluorescent sensing and integrating Boolean logic operations. Journal of Materials Chemistry C, 2018, 6, 6229-6239.	5.5	17

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91	Multifunctional Lanthanideâ€Based Metalâ€“Organic Frameworks with a Polyheterotopic Ligand: Doped with Ytterbium(III) for Luminescence Enhancement and Selective Dye Adsorption. Chemistry - an Asian Journal, 2018, 13, 2126-2134.	3.3	17
92	Polyoxometalate-Based Inorganicâ€“Organic Hybrid [Cu(phen)2]2[(Î±-Mo8O26)]: A New Additive to Spiro-OMeTAD for Efficient and Stable Perovskite Solar Cells. ACS Applied Energy Materials, 2019, 2, 4224-4233.	5.1	17
93	A Copper Coordination Polymer with Matching Energy Level for Modifying Hole Transport Layers to Improve the Performance of Perovskite Solar Cells. ChemSusChem, 2019, 12, 2763-2772.	6.8	17
94	In situ preparation of graphitic carbon nitride bonded with cyano groups for enhanced photocatalytic activity. International Journal of Hydrogen Energy, 2020, 45, 9683-9694.	7.1	17
95	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. Journal of Coordination Chemistry, 2010, 63, 1514-1530.	2.2	16
96	Efficient polymer solar cells based on poly(thieno[2,3- f]benzofuran- co -thienopyrroledione) with a high open circuit voltage exceeding 1ÅV. Dyes and Pigments, 2017, 146, 543-550.	3.7	16
97	Indenone-fused N-heteroacenes. Journal of Materials Chemistry C, 2019, 7, 14314-14319.	5.5	16
98	A self-calibrating dual responsive platform for the sensitive detection of sulfite and sulfonic derivatives based on a robust Hf(<scp>iv</scp>) metalâ€“organic framework. Chemical Communications, 2020, 56, 631-634.	4.1	16
99	Toward high-efficiency and thermally-stable perovskite solar cells: A novel metal-organic framework with active pyridyl sites replacing 4-tert-butylpyridine. Journal of Power Sources, 2020, 473, 228556.	7.8	16
100	Improved photovoltaic performance of mesoporous perovskite solar cells with hydrogenated TiO₂: prolonged photoelectron lifetime and high separation efficiency of photoinduced charge. RSC Advances, 2016, 6, 65125-65135.	3.6	15
101	Topological Evolution in Mercury(II) Schiff Base Complexes Tuned through Alkyl Substitution â€“ Synthesis, Solidâ€State Structures, and Aggregationâ€Induced Emission Properties. European Journal of Inorganic Chemistry, 2016, 2016, 3598-3610.	2.0	15
102	A Dual Associated-Functional Fluorescent Switch: From Alternate Detection Cycle for Fe(III) and pH to Molecular Logic Operations. Inorganic Chemistry, 2019, 58, 2122-2132.	4.0	15
103	Insights into the Mechanism of Solid-State Metal Organic Complexes as Controllable and Stable p-Type Dopants in Efficient Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 546-555.	8.0	15
104	Effect of different donor groups in bis(6-methoxylpyridin-2-yl) substituted co-sensitizer on the performance of N719 sensitized solar cells. RSC Advances, 2015, 5, 96934-96944.	3.6	14
105	A dual-emitting Tb(<scp>iii</scp>)&Yb(<scp>iii</scp>)-functionalized coordination polymer: a â€œturn-onâ€•sensor forN-methylformamide in urine and a â€œturn-offâ€•sensor for methylglyoxal in serum. Dalton Transactions, 2019, 48, 14408-14417.	3.3	14
106	Enhanced Thermal Decomposition Properties and Catalytic Mechanism of Ammonium Perchlorate over CuO/MoS₂ Composite. Applied Organometallic Chemistry, 2019, 33, e5060.	3.5	14
107	Metalâ€“Organic Frameworkâ€Derived Nâ€Rich Porous Carbon as an Auxiliary Additive of Hole Transport Layers for Highly Efficient and Longâ€Term Stable Perovskite Solar Cells. Solar Rrl, 2020, 4, 1900380.	5.8	14
108	Mixed functionalization strategy on indium-organic framework for multiple ion detection and H₂O₂ turn-on sensing. Dalton Transactions, 2021, 50, 7554-7562.	3.3	14

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109	Fluorescence Properties Change of Lanthanide Coordination Polymers Dispersed in Mesoporous SBA-15 by Energy Transition Process. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 744-755.	3.7	12
110	Luminescent properties of Ag(<scp>i</scp>)/Cu(<scp>i</scp>) coordination polymers: crystal structures and high intensity luminescence of a PMMA-doped hybrid material based on a quinoline-2,3-dicarboxylic acid ligand. RSC Advances, 2015, 5, 17343-17353.	3.6	12
111	Different conjugated system Cd(II)/Hg(II) Schiff base complexes: syntheses, supramolecular metalâ"organic frameworks, luminescent properties and DFT study. Journal of Coordination Chemistry, 2017, 70, 1953-1972.	2.2	12
112	Smart cationic coordination polymer: A single-crystal-to-single-crystal approach for simultaneous detection and removal of perchlorate in aqueous media. Chemical Engineering Journal, 2020, 380, 122580.	12.7	12
113	Influence of anchoring group numbers in an efficient pyridine-anchor co-adsorbent of pyridinecarboxaldimine substituted aminonaphthalene on the performance of N719 sensitized solar cells. RSC Advances, 2016, 6, 39972-39981.	3.6	11
114	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. RSC Advances, 2016, 6, 110422-110432.	3.6	11
115	Construction of efficient photoanodes for dye sensitized solar cells: TiO2 films with a gradient content of graphene. Sustainable Energy and Fuels, 2017, 1, 1112-1122.	4.9	11
116	Sulfurâ€Containing Bent Nâ€Heteroacenes. Chemistry - A European Journal, 2019, 25, 15106-15111.	3.3	11
117	Aluminum nanoparticles manufactured using a ball-milling method with ammonium chloride as a grinding aid: achieving energy release at low temperature. New Journal of Chemistry, 2019, 43, 1851-1856.	2.8	11
118	Synthesis of CoNi bimetallic alloy nanoparticles wrapped in nitrogen-doped graphite-like carbon shells and their electrocatalytic activity when used in a counter electrode for dye-sensitized solar cells. Journal of Solid State Electrochemistry, 2019, 23, 1429-1442.	2.5	11
119	New insight into the grafted transition metal ions in trilacunary Keggin polyoxometalates dopants for efficient and stable perovskite solar cells. Journal of Power Sources, 2021, 504, 230073.	7.8	11
120	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. ACS Applied Materials & Interfaces, 2022, 14, 17610-17620.	8.0	11
121	Novel bright blue emissions IIB group complexes constructed with various polyhedron-induced 2-[2â€²-(6-methoxy-pyridyl)]-benzimidazole derivatives. CrystEngComm, 2014, 16, 6114.	2.6	10
122	Enhanced Charge Transport and Interface Passivation in Efficient Perovskite Solar Cells Using Sulfurâ€Doped Graphite Carbon Nitrideâ€Modified SnO 2 â€Based Electron Transport Layers. Solar Rrl, 2021, 5, 2100058.	5.8	10
123	Highly sensitive and selective fluorescent probes for Hg²⁺ in Ag(<scp>i</scp>)/Cu(<scp>ii</scp>) 3D supramolecular architectures based on noncovalent interactions. Dalton Transactions, 2016, 45, 16422-16432.	3.3	9
124	HONH3Cl optimized CH3NH3PbI3 films for improving performance of planar heterojunction perovskite solar cells via a one-step route. Physical Chemistry Chemical Physics, 2016, 18, 26254-26261.	2.8	9
125	Preparation of Composite Filters Based on Porous Coordination Polymers by Using a Vacuum Filtration Method for Highly Efficient Removal of Particulate Matters. Chemistry - an Asian Journal, 2019, 14, 2291-2301.	3.3	9
126	Inverted thermal annealing of perovskite films: a method for enhancing photovoltaic device efficiency. RSC Advances, 2016, 6, 44034-44040.	3.6	8

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127	Effect of noncovalent interactions on Ag(<scp>i</scp>)/Cu(<scp>ii</scp>) supramolecular architecture for dual-functional luminescence and semiconductive properties. CrystEngComm, 2016, 18, 6411-6424.	2.6	8
128	Variable temperature spectroelectrochemistry study of silver-doped TiO₂ and its influence on the performance of dye sensitized solar cells. RSC Advances, 2016, 6, 68341-68350.	3.6	8
129	Enhanced Crystallization and Optimized Morphology of Perovskites Through Doping an Indiumâ€Based Metalâ€“Organic Assembly: Achieving Significant Solar Cell Efficiency Enhancements. Energy Technology, 2019, 7, 1900027.	3.8	8
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