

Yulin Yang

List of Publications by Year in descending order

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169
papers

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94433

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171
times ranked

4779
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	The enhanced thermal stability and reduced hygroscopicity of aluminum hydride coated with vinyltrimethoxysilane. <i>New Journal of Chemistry</i> , 2022, 46, 1643-1649.	2.8	5
6	Encapsulated boron-based energetic spherical composites with improved reaction efficiency and combustion performance. <i>Chemical Engineering Journal</i> , 2022, 433, 134478.	12.7	26
7	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
8	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 & Interfaces</i> , 2022, 14, 17610-17620.	8.0	11
9	Smart MOF@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
10	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
11	Suppressing Glass-Transition and Lithium-Ions Migration in Hole Transport Layer by V ₂ O ₅ Decorated Graphite Carbon Nitride Nanosheets for Thermally Stable Perovskite Solar Cells. <i>Solar Rrl</i> , 2022, 6, .	5.8	4
12	Synthesis of two novel neutral polymeric bonding agents to enhance the mechanical properties of composite solid propellants. <i>RSC Advances</i> , 2022, 12, 19946-19952.	3.6	1
13	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
14	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
15	In situ self-assembled cationic lanthanide metal organic framework membrane sensor for effective MnO ₄ ²⁻ and ascorbic acid detection. <i>Analytica Chimica Acta</i> , 2021, 1142, 211-220.	5.4	23
16	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
17	Mixed functionalization strategy on indium-organic framework for multiple ion detection and H ₂ O ₂ turn-on sensing. <i>Dalton Transactions</i> , 2021, 50, 7554-7562.	3.3	14
18	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

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19	Enhanced Charge Transport and Interface Passivation in Efficient Perovskite Solar Cells Using Sulfur-Doped Graphite Carbon Nitride-Modified SnO ₂ -Based Electron Transport Layers. <i>Solar Rrl</i> , 2021, 5, 2100058.	5.8	10
20	Facile synthesis of molecularly imprinted black TiO ₂ -x/carbon dots nanocomposite and its recognizable photocatalytic performance under visible-light. <i>Applied Surface Science</i> , 2021, 551, 149476.	6.1	22
21	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
22	Stimuli-Responsive Metal-Organic Framework on a Metal-Organic Framework Heterostructure for Efficient Antibiotic Detection and Anticounterfeiting. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35689-35699.	8.0	30
23	Synergistic Effect of K and I Codoped Porous Graphitic Carbon Nitride Sphere for Photocatalytic Hydrogen Evolution: Experimental and Theoretical Study. <i>Solar Rrl</i> , 2021, 5, 2100292.	5.8	6
24	New insight into the grafted transition metal ions in trilacunary Keggin polyoxometalates dopants for efficient and stable perovskite solar cells. <i>Journal of Power Sources</i> , 2021, 504, 230073.	7.8	11
25	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
26	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 & Interfaces</i> , 2021, 13, 5235-5244.	8.0	33
27	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
28	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
29	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
30	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
31	A self-calibrating dual responsive platform for the sensitive detection of sulfite and sulfonic derivatives based on a robust Hf(<i>iv</i>) metal-organic framework. <i>Chemical Communications</i> , 2020, 56, 631-634.	4.1	16
32	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 & Interfaces</i> , 2020, 12, 546-555.	8.0	15
33	Synthesis of three-dimensional nitrogen doped meso/macroporous carbon beads for heterogeneous catalytic solvent-free oxidation of ethylbenzene. <i>Carbon</i> , 2020, 158, 226-237.	10.3	26
34	New Insights into Co-pyrolysis among Graphitic Carbon Nitride and Organic Compounds: Carbonaceous Gas Fragments Induced Synthesis of Ultrathin Mesoporous Nitrogen-Doped Carbon Nanosheets for Heterogeneous Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52624-52634.	8.0	8
35	Hydrophobicity-Adjustable MOF Constructs Superhydrophobic MOF-rGO Aerogel for Efficient Oil-Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56435-56444.	8.0	71
36	Toward high-efficiency and thermally-stable perovskite solar cells: A novel metal-organic framework with active pyridyl sites replacing 4-tert-butylpyridine. <i>Journal of Power Sources</i> , 2020, 473, 228556.	7.8	16

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37	MOF-on-MOF Membrane with Cascading Functionality for Capturing Dichromate Ions and <i>p</i> -Arsanilic Acid Turn-On Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 58239-58251.	8.0	35
38	Preparation of YbF ₃ -Ho@TiO ₂ 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
39	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
40	In situ preparation of graphitic carbon nitride bonded with cyano groups for enhanced photocatalytic activity. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 9683-9694.	7.1	17
41	Balance of catalytic activity and conductivity of Cu ₂ ZnSnS ₄ /graphene counter electrode for dye-sensitized solar cells: using hydrothermal-synthesized kesterite Cu ₂ ZnSnS ₄ and graphene obtained by product line. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 263-272.	2.5	5
42	Highly Stable Zinc-Based Metal-Organic Frameworks and Corresponding Flexible Composites for Removal and Detection of Antibiotics in Water. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8650-8662.	8.0	108
43	Formation and Encapsulation of Lead Halide Perovskites in Lanthanide Metal-Organic Frameworks for Tunable Emission. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9851-9857.	8.0	34
44	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
45	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
46	Fabrication and mechanistic study of AP/nAl/PTFE spherical encapsulated energetic materials with enhanced combustion performance. <i>Chemical Engineering Science</i> , 2020, 222, 115701.	3.8	25
47	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
48	Anionic Ln-MOF with tunable emission for heavy metal ion capture and <i>l</i> -cysteine sensing in serum. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5587-5594.	10.3	61
49	Sulfur-Containing Bent N-Heteroocenes. <i>Chemistry - A European Journal</i> , 2019, 25, 15106-15111.	3.3	11
50	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
51	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
52	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
53	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
54	Lanthanide Coordination Polymer-Based Composite Films for Selective and Highly Sensitive Detection of Cr ₂ O ₇ ²⁻ in Aqueous Media. <i>Inorganic Chemistry</i> , 2019, 58, 15118-15125.	4.0	41

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55	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
56	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
57	Europium-Functionalized Flexible Luminescent Zeolite-like Supramolecular Assembly for Ratiometric Anthrax Biomarker Determination. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36081-36089.	8.0	34
58	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
59	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
60	Multiple-color aggregation-induced emission-based Schiff base sensors for ultrafast dual recognition of Hg ²⁺ and pH integrating Boolean logic operations. <i>Journal of Coordination Chemistry</i> , 2019, 72, 102-118.	2.2	6
61	Enhanced Thermal Decomposition Properties and Catalytic Mechanism of Ammonium Perchlorate over CuO/MoS ₂ Composite. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5060.	3.5	14
62	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
63	Porous Cr ₂ O ₃ 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
64	Polyoxometalate-Based Inorganic-Organic Hybrid [Cu(phen) ₂] ₂ [(μ -Mo ₈ O ₂₆)]: 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
65	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
66	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
67	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
68	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. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 1429-1442.	2.5	11
69	Synthesis of β -Conjugated Benzocyclotrimers. <i>Chemical Record</i> , 2019, 19, 2143-2156.	5.8	5
70	Micromesoporous Nitrogen-Doped Carbon Materials Derived from Direct Carbonization of Metal-Organic Complexes for Efficient CO ₂ Adsorption and Separation. <i>Inorganic Chemistry</i> , 2019, 58, 5345-5355.	4.0	6
71	4-Tert butylpyridine induced MAPbI ₃ film quality enhancement for improving the photovoltaic performance of perovskite solar cells with two-step deposition route. <i>Applied Surface Science</i> , 2019, 484, 637-645.	6.1	22
72	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

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73	N-Doped Porous Carbon Derived by Direct Carbonization of Metal-Organic Complexes Crystal Materials for SO ₂ Adsorption. <i>Crystal Growth and Design</i> , 2019, 19, 1973-1984.	3.0	27
74	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
75	Synthesis and Hydrogen Desorption Properties of Nanoscale γ -AlH ₃ . <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 2798-2803.	0.6	8
76	Lignite-derived carbon quantum dot/TiO ₂ 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
77	Dual-emitting dye-CDs@MOFs for selective and sensitive identification of antibiotics and MnO ₄ ⁻ in water. <i>Journal of Materials Chemistry C</i> , 2019, 7, 15057-15065.	5.5	73
78	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
79	Indenone-fused N-heteroacenes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14314-14319.	5.5	16
80	Ball Milling Produced FeF ₃ -Containing Nanothermites: Investigations of Its Thermal and Inflaming Properties. <i>ChemistrySelect</i> , 2019, 4, 12662-12667.	1.5	4
81	Catalytic decomposition of ammonium perchlorate on hollow mesoporous CuO microspheres. <i>Vacuum</i> , 2019, 159, 105-111.	3.5	69
82	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
83	Enhanced photocatalytic H ₂ evolution and phenol degradation over sulfur doped meso/macroporous g-C ₃ N ₄ spheres with continuous channels. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 707-719.	7.1	38
84	Facile Synthesis of CoNi Bimetallic Nanoparticle Decorated Reduced Graphene Oxide as Efficient and Low-Cost Counter Electrode for Dye-Sensitized Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7790-7798.	0.9	3
85	Hot-Pressing Method To Prepare Imidazole-Based Zn(II) Metal-Organic Complexes Coatings for Highly Efficient Air Filtration. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9744-9755.	8.0	39
86	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
87	Key effect of robust π - π 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
88	Two-dimensional benzo[1,2- <i>b</i> :4,5- <i>b'</i>]difuran-based wide bandgap conjugated polymers for efficient fullerene-free polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4023-4031.	10.3	37
89	Doping of [In ₂ (phen) ₃ Cl ₆] \cdot 2H ₂ 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
90	Wide-Bandgap Conjugated Polymers Based on Alkylthiofuran-Substituted Benzo[1,2- <i>b</i> :4,5- <i>b'</i>]difuran for Efficient Fullerene-Free Polymer Solar Cells. <i>Macromolecules</i> , 2018, 51, 2498-2505.	4.8	23

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91	Effect of Graphene/TiO ₂ Composite Layer on the Performance of Dye-Sensitized Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 976-983.	0.9	7
92	Enhanced performance of the dye-sensitized solar cells by the introduction of graphene oxide into the TiO ₂ photoanode. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 54-62.	6.0	40
93	Nitrogen-Doped Microporous Carbons Derived from Pyridine Ligand-Based Metal-Organic Complexes as High-Performance SO ₂ Adsorption Sorbents. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37407-37416.	8.0	31
94	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 & Interfaces</i> , 2018, 10, 32698-32706.	8.0	24
95	Dual-emissive nanocomposites based on Eu(III)-functionalized Cu-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
96	Boosting the Film Quality by Simultaneously Pre-wetting the PbI ₂ Film and Ostwald Ripening the MAPbI ₃ Film with DMSO Addition into MAI Solution. <i>ChemistrySelect</i> , 2018, 3, 4951-4958.	1.5	0
97	An Asymmetrical Polymer Based on Thieno[2,3- <i>f</i>]benzofuran for Efficient Fullerene-Free Polymer Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 1888-1892.	5.1	18
98	Dual-Stimulus-Triggered Programmable Drug Release and Luminescent Ratiometric pH Sensing from Chemically Stable Biocompatible Zinc Metal-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22746-22756.	8.0	83
99	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
100	Keggin-Type PMo ₁₁ V as a P-type Dopant for Enhancing the Efficiency and Reproducibility of Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2378-2386.	8.0	37
101	Notice of Removal: Micromagnetic Study for Magnetic Properties of Exchange-Coupled Nanocomposite Magnetic Systems With α -Fe Grains Embedded in Nd ₂ Fe ₁₄ B Matrix. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-7.	2.1	4
102	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
103	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
104	Encapsulation and Sensitization of Ln ³⁺ within Indium Metal-Organic Frameworks for Ratiometric Eu ³⁺ Sensing and Linear Dependence of White-Light Emission. <i>Crystal Growth and Design</i> , 2017, 17, 2746-2756.	3.0	41
105	Novel Hydrogen-Bonding Cross-Linking Aggregation-Induced Emission: Water as a Fluorescent α -Ribbon-Detected in a Wide Range. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15744-15757.	8.0	42
106	Improved Performance and Reproducibility of Perovskite Solar Cells by Well-Soluble Tris(pentafluorophenyl)borane as a p-Type Dopant. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17923-17931.	8.0	73
107	Construction of efficient photoanodes for dye sensitized solar cells: TiO ₂ films with a gradient content of graphene. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1112-1122.	4.9	11
108	A simple quinolone Schiff-base containing CHEF based fluorescence α -turn-on α ™ chemosensor for distinguishing Zn ²⁺ and Hg ²⁺ with high sensitivity, selectivity and reversibility. <i>Dalton Transactions</i> , 2017, 46, 6769-6775.	3.3	85

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109	(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
110	Highly Stable and Regenerative Metal-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
111	Different conjugated system Cd(II)/Hg(II) Schiff base complexes: syntheses, supramolecular metal-organic frameworks, luminescent properties and DFT study. Journal of Coordination Chemistry, 2017, 70, 1953-1972.	2.2	12
112	SiW ₁₂ -TiO ₂ Mesoporous Layer for Enhanced Electron Extraction Efficiency and Conductivity in Perovskite Solar Cells. ChemSusChem, 2017, 10, 2218-2225.	6.8	30
113	Insight into the Controllable Synthesis of Cu(I)/Cu(II) Metal-Organic Complexes: Size-Exclusive Selective Dye Adsorption and Semiconductor Properties. Crystal Growth and Design, 2017, 17, 2549-2559.	3.0	47
114	Three-dimensional flower-like rutile TiO ₂ microsphere composed of nanorods: a potential material as light scattering layer for DSSCs. Chemical Research in Chinese Universities, 2017, 33, 298-304.	2.6	7
115	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
116	Research on the Mechanism of Aggregation-Induced Emission through Supramolecular Metal-Organic Frameworks with Mechanoluminescent Properties and Application in Press-Jet Printing. Inorganic Chemistry, 2017, 56, 12881-12892.	4.0	44
117	Regulated Film Quality with Methylammonium Bromide Addition in a Two-Step Sequential Deposition to Improve the Performance of Perovskite Solar Cells. Energy Technology, 2017, 5, 1873-1879.	3.8	5
118	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
119	A highly sensitive turn-on ratiometric luminescent probe based on postsynthetic modification of Tb ³⁺ @Cu-MOF for H ₂ S detection. Journal of Materials Chemistry C, 2017, 5, 9943-9951.	5.5	77
120	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
121	Controlled Zn ²⁺ -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
122	Recent Development on Narrow Bandgap Conjugated Polymers for Polymer Solar Cells. Polymers, 2017, 9, 39.	4.5	44
123	Recent Progress in the Application of Polyoxometalates for Dye-sensitized/Organic Solar Cells. Chinese Journal of Chemistry, 2016, 34, 747-756.	4.9	32
124	Fluorescent Carbon Quantum Dots Incorporated into Dye-Sensitized TiO ₂ Photoanodes with Dual Contributions. ChemSusChem, 2016, 9, 1498-1503.	6.8	23
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