

Jie Ding

List of Publications by Year in descending order

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51
papers

2,674
citations

218662

26
h-index

206102

48
g-index

51
all docs

51
docs citations

51
times ranked

4561
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamically Stable Orthorhombic CsPbI_3 Thin Films for High-Performance Photovoltaics. <i>Journal of the American Chemical Society</i> , 2018, 140, 11716-11725.	13.7	308
2	Polar Solvent Induced Lattice Distortion of Cubic CsPbI_3 Nanocubes and Hierarchical Self-Assembly into Orthorhombic Single-Crystalline Nanowires. <i>Journal of the American Chemical Society</i> , 2018, 140, 11705-11715.	13.7	223
3	General Space-Confined On-Substrate Fabrication of Thickness-Adjustable Hybrid Perovskite Single-Crystalline Thin Films. <i>Journal of the American Chemical Society</i> , 2016, 138, 16196-16199.	13.7	205
4	Additive engineering for high-performance room-temperature-processed perovskite absorbers with micron-size grains and microsecond-range carrier lifetimes. <i>Energy and Environmental Science</i> , 2017, 10, 2365-2371.	30.8	157
5	Polynuclear $\text{Cd}(\text{II})$ Polymers: Crystal Structures, Topologies, and the Photodegradation for Organic Dye Contaminants. <i>Crystal Growth and Design</i> , 2014, 14, 3035-3043.	3.0	152
6	Crystalline central-metal transformation in metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2016, 307, 130-146.	18.8	134
7	A Two-Dimensional Hole-Transporting Material for High-Performance Perovskite Solar Cells with 20% Average Efficiency. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10959-10965.	13.8	127
8	Tuning the Fermi-level of TiO_2 mesoporous layer by lanthanum doping towards efficient perovskite solar cells. <i>Nanoscale</i> , 2016, 8, 16881-16885.	5.6	103
9	Fabrication of Fe_3O_4 @reduced graphene oxide composite via novel colloid electrostatic self-assembly process for removal of contaminants from water. <i>Journal of Materials Chemistry A</i> , 2015, 3, 832-839.	10.3	90
10	Modulation of Magnetic Behavior and Hg^{2+} Removal by Solvent-Assisted Linker Exchange Based on a Water-Stable 3D MOF. <i>Chemistry of Materials</i> , 2018, 30, 7979-7987.	6.7	88
11	Halloysite nanotubes@reduced graphene oxide composite for removal of dyes from water and as supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4264.	10.3	87
12	Fabrication of Novel Ternary Three-Dimensional $\text{RuO}_2/\text{Graphitic-C}_3\text{N}_4$ @reduced Graphene Oxide Aerogel Composites for Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4982-4991.	6.7	85
13	Novel coordination polymers of $\text{Zn}(\text{II})$ and $\text{Cd}(\text{II})$ tuned by different aromatic polycarboxylates: synthesis, structures and photocatalytic properties. <i>CrystEngComm</i> , 2014, 16, 6408-6416.	2.6	74
14	Coupling of Ru and O Vacancy on 2D MoS_2 -Based Electrocatalyst Via a Solid-Phase Interface Reaction Strategy for Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2021, 11, 2100141.	19.5	71
15	Promoting crystalline grain growth and healing pinholes by water vapor modulated post-annealing for enhancing the efficiency of planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13458-13467.	10.3	58
16	Facile construction for new core-shell Z-scheme photocatalyst $\text{GO}/\text{AgI}/\text{Bi}_2\text{O}_3$ with enhanced visible-light photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 148-158.	9.4	57
17	Synergy Effect of Both 2,2,2-Trifluoroethylamine Hydrochloride and SnF_2 for Highly Stable FASnCl_3 Perovskite Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1800290.	5.8	45
18	Spectroscopic and Crystallographic Investigations of Novel BODIPY-Derived Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2015, 54, 1346-1353.	4.0	43

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19	Fabrication of quasi-cubic Fe ₃ O ₄ @rGO composite via a colloid electrostatic self-assembly process for supercapacitors. RSC Advances, 2014, 4, 50765-50770.	3.6	42
20	Temperature-Dependent Local Electrical Properties of Organic-Inorganic Halide Perovskites: In Situ KPFM and c-AFM Investigation. ACS Applied Materials & Interfaces, 2019, 11, 21627-21633.	8.0	42
21	Metal/metal-organic framework interfacial ensemble-induced dual site catalysis towards hydrogen generation. Applied Catalysis B: Environmental, 2021, 286, 119946.	20.2	39
22	High-Mobility Hydrophobic Conjugated Polymer as Effective Interlayer for Air-Stable Efficient Perovskite Solar Cells. Solar Rrl, 2019, 3, 1800232.	5.8	36
23	Eight Cd coordination polymers with persistent room-temperature phosphorescence: intriguing dual emission and time-resolved afterglow modulation. Inorganic Chemistry Frontiers, 2020, 7, 777-785.	6.0	34
24	Mitochondria-dependent benzothiadiazole-based molecule probe for quantitatively intracellular pH imaging. Dyes and Pigments, 2017, 145, 576-583.	3.7	32
25	Two 3D Cd(II) Metal-Organic Frameworks Linked by Benzothiadiazole Dicarboxylates: Fantastic S@Cd ₆ Cage, Benzothiadiazole Antidimmer, and Dual Emission. Inorganic Chemistry, 2017, 56, 1696-1705.	4.0	27
26	Synthesis and properties of benzothiadiazole-pyridine system: The modulation of optical feature. Dyes and Pigments, 2017, 137, 135-142.	3.7	26
27	Synthesis and Photophysical Studies of Calix[4]arene-based Binuclear Platinum(II) Complexes: Probing Metal-Metal and Ligand-Ligand Interactions. Inorganic Chemistry, 2008, 47, 5099-5106.	4.0	25
28	A Two-Dimensional Hole-Transporting Material for High-Performance Perovskite Solar Cells with 20% Average Efficiency. Angewandte Chemie, 2018, 130, 11125-11131.	2.0	25
29	Highly π -extended copolymer as additive-free hole-transport material for perovskite solar cells. Nano Research, 2018, 11, 185-194.	10.4	24
30	Decoration of Ru/RuO ₂ hybrid nanoparticles on MoO ₂ plane as bifunctional electrocatalyst for overall water splitting. Journal of Colloid and Interface Science, 2021, 604, 508-516.	9.4	23
31	Photoinduced Triplet-Triplet Energy Transfer via the 2-Ureido-4[1 <i>H</i>]-pyrimidinone Self-Complementary Quadruple Hydrogen-Bonded Module. Journal of Physical Chemistry A, 2008, 112, 3865-3869.	2.5	21
32	Unique structural micro-adjustments in a new benzothiadiazole-derived Zn metal organic framework via simple photochemical decarboxylation. Chemical Communications, 2017, 53, 10314-10317.	4.1	20
33	Novel Fe ₃ O ₄ /HNT@rGO composite via a facile co-precipitation method for the removal of contaminants from aqueous system. RSC Advances, 2016, 6, 49228-49235.	3.6	17
34	From Surprising Solvothermal Reaction to Uncommon Zinc(II)-Catalyzed Aromatic C-H Activation Reaction for Direct Nitroquinoline Synthesis. Inorganic Chemistry, 2017, 56, 5953-5958.	4.0	17
35	Interesting pH-Responsive Behavior in Benzothiadiazole-Derived Coordination Polymer Constructed via an in Situ Click Synthesis. Crystal Growth and Design, 2018, 18, 7419-7425.	3.0	17
36	Fabrication of Core-Shell Ni ₂ P@N, P-Co-Doped Carbon/Reduced Graphene Oxide Composite as Anode Material for Lithium- and Sodium-Ion Batteries. ChemElectroChem, 2019, 6, 5492-5498.	3.4	15

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37	Tuning the optical properties of <i>N</i> -aryl benzothiadiazole <i>via</i> Cu(<i>ii</i>)-catalyzed intramolecular C–H amination: the impact of the molecular structure on aggregation and solid state luminescence. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3853-3861.	4.5	15
38	Simulating the Structure of Carbon Dots via Crystalline Aggregated Organic Nanodots Prepared by Kinetically Trapped Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
39	A Rutile TiO ₂ Electron Transport Layer for the Enhancement of Charge Collection for Efficient Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2019, 131, 9514-9518.	2.0	10
40	Large Conjugated Chromophores Derived from Tetrathiafulvalene. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 198-202.	2.7	9
41	A Coordination Strategy for Ti _x Sn _{1-x} O ₂ Solid Solution Nanocubes Wrapped by Reduced Graphene Oxide as a Candidate for Lithium-Ion Battery Anodes. <i>ChemElectroChem</i> , 2018, 5, 3961-3967.	3.4	9
42	Carbon Doping Triggered Efficient Electrochemical Hydrogen Evolution of Cross-Linked Porous Ru-MoO ₂ Via Solid-Phase Reaction Strategy. <i>Energy and Environmental Materials</i> , 2023, 6, .	12.8	9
43	Ru/MoO ₂ decorated on CNT networks as an efficient electrocatalyst for boosting hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 26978-26986.	7.1	7
44	Direct Conversion of Benzothiadiazole to Benzimidazole: New Benzimidazole-Derived Metal-Organic Frameworks with Adjustable Honeycomb-Like Cavities. <i>Chemistry - A European Journal</i> , 2019, 25, 5246-5250.	3.3	6
45	Facilely controllable synthesis of copper-benzothiadiazole complexes <i>via</i> solvothermal reactions: exploring the customized synthetic approach by experiments. <i>Dalton Transactions</i> , 2021, 50, 1816-1823.	3.3	4
46	Simulating the Structure of Carbon Dots via Crystalline Aggregated Organic Nanodots Prepared by Kinetically Trapped Self-Assembly. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
47	High-Mobility Hydrophobic Conjugated Polymer as Effective Interlayer for Air-Stable Efficient Perovskite Solar Cells (Solar RRL 1 st 2019). <i>Solar Rrl</i> , 2019, 3, 1970015.	5.8	1
48	Hydrogen Evolution Reaction: Coupling of Ru and O Vacancy on 2D Mo-Based Electrocatalyst Via a Solid-Phase Interface Reaction Strategy for Hydrogen Evolution Reaction (<i>Adv. Energy Mater.</i> 26/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170102.	19.5	1
49	Single-Crystalline Nanosheets of Hybrid Perovskite Fabricated by a Vapor-Solution Sequential Deposition Route. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 3669-3672.	0.9	0
50	Expanding benzothiadiazole-tetrazole photo-triggered click reaction with chloride ion into reaction-based chloride ion receptor. <i>Dyes and Pigments</i> , 2021, 191, 109345.	3.7	0
51	Fascinating Supramolecular Assembly through Noncovalent Interactions Involving Anions in Organic Ionic Crystals. <i>Journal of Physical Chemistry C</i> , 2021, 125, 22346-22353.	3.1	0