

Rong Huang

List of Publications by Year in descending order

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166
papers

5,287
citations

94381

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110317

64
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170
all docs

170
docs citations

170
times ranked

6505
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic metal–support interaction modulates single-atom platinum catalysis for hydrogen evolution reaction. <i>Nature Communications</i> , 2021, 12, 3021.	5.8	397
2	Photoinduction of Cu Single Atoms Decorated on UiO-66-NH ₂ for Enhanced Photocatalytic Reduction of CO ₂ to Liquid Fuels. <i>Journal of the American Chemical Society</i> , 2020, 142, 19339-19345.	6.6	373
3	Single-atom Cu anchored catalysts for photocatalytic renewable H ₂ production with a quantum efficiency of 56%. <i>Nature Communications</i> , 2022, 13, 58.	5.8	175
4	Spin-state reconfiguration induced by alternating magnetic field for efficient oxygen evolution reaction. <i>Nature Communications</i> , 2021, 12, 4827.	5.8	147
5	Amorphous Metal–Organic Framework-Dominated Nanocomposites with Both Compositional and Structural Heterogeneity for Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3630-3637.	7.2	143
6	Ternary MOF-on-MOF heterostructures with controllable architectural and compositional complexity via multiple selective assembly. <i>Nature Communications</i> , 2020, 11, 4971.	5.8	138
7	A highly CMOS compatible hafnia-based ferroelectric diode. <i>Nature Communications</i> , 2020, 11, 1391.	5.8	128
8	Oxygen Vacancy Ordering at Surfaces of Lithium Manganese(III,IV) Oxide Spinel Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3053-3057.	7.2	127
9	Synergistic Modulation of the Separation of Photo-Generated Carriers via Engineering of Dual Atomic Sites for Promoting Photocatalytic Performance. <i>Advanced Materials</i> , 2021, 33, e2105904.	11.1	117
10	Aggregation induced red shift emission of phosphorus doped carbon dots. <i>RSC Advances</i> , 2017, 7, 32225-32228.	1.7	113
11	Structure and effect of sulfated fucose branches on anticoagulant activity of the fucosylated chondroitin sulfate from sea cucumber <i>Thelenata ananas</i> . <i>Carbohydrate Polymers</i> , 2012, 87, 862-868.	5.1	104
12	High Mobilities in Layered InSe Transistors with Indium Encapsulation-Induced Surface Charge Doping. <i>Advanced Materials</i> , 2018, 30, e1803690.	11.1	101
13	Eco-friendly p-type Cu ₂ SnS ₃ thermoelectric material: crystal structure and transport properties. <i>Scientific Reports</i> , 2016, 6, 32501.	1.6	96
14	Three-component stereoselective synthesis of spirooxindole derivatives. <i>Green Chemistry</i> , 2013, 15, 453-462.	4.6	92
15	Ferroelectric domain wall memory with embedded selector realized in LiNbO ₃ single crystals integrated on Si wafers. <i>Nature Materials</i> , 2020, 19, 1188-1194.	13.3	92
16	Site-specific growth of MOF-on-MOF heterostructures with controllable nano-architectures: beyond the combination of MOF analogues. <i>Chemical Science</i> , 2020, 11, 3680-3686.	3.7	89
17	Cobalt-doping in Cu ₂ SnS ₃ : enhanced thermoelectric performance by synergy of phase transition and band structure modification. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23267-23275.	5.2	78
18	Porous V ₂ O ₅ micro/nano-tubes: Synthesis via a CVD route, single-tube-based humidity sensor and improved Li-ion storage properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 5013.	6.7	72

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19	Engineering Carbon Nanotube Fiber for Real-Time Quantification of Ascorbic Acid Levels in a Live Rat Model of Alzheimer's Disease. <i>Analytical Chemistry</i> , 2017, 89, 1831-1837.	3.2	71
20	Hierarchical 3-dimensional CoMoO ₄ nanoflakes on a macroporous electrically conductive network with superior electrochemical performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13776-13785.	5.2	61
21	Oxygen loss and surface degradation during electrochemical cycling of lithium-ion battery cathode material LiMn ₂ O ₄ . <i>Journal of Materials Chemistry A</i> , 2019, 7, 8845-8854.	5.2	61
22	Cu ₃ BiS ₃ /MXenes with Excellent Solar-Thermal Conversion for Continuous and Efficient Seawater Desalination. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16246-16258.	4.0	60
23	An environmentally benign double Michael addition reaction of heterocyclic ketene amins with quinone monoketals for diastereoselective synthesis of highly functionalized morphan derivatives in water. <i>Green Chemistry</i> , 2017, 19, 3574-3584.	4.6	54
24	Ordered Large-Pore MesoMOFs Based on Synergistic Effects of Triblock Polymer and Hofmeister Ion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14124-14128.	7.2	54
25	Self-Template Synthesis of Nanoporous VO ₂ -Based Films: Localized Surface Plasmon Resonance and Enhanced Optical Performance for Solar Glazing Application. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22692-22702.	4.0	53
26	WO ₃ mesocrystal-assisted photoelectrochemical activity of BiVO ₄ . <i>NPG Asia Materials</i> , 2017, 9, e357-e357.	3.8	52
27	Realizing N-type SnTe Thermoelectrics with Competitive Performance through Suppressing Sn Vacancies. <i>Journal of the American Chemical Society</i> , 2021, 143, 8538-8542.	6.6	51
28	Dual-mode protein detection based on Fe ₃ O ₄ -Au hybrid nanoparticles. <i>Nano Research</i> , 2012, 5, 272-282.	5.8	50
29	Facile synthesis of hollow hierarchical Ni ₃ Al ₂ O ₃ nanocomposites for methane dry reforming catalysis. <i>RSC Advances</i> , 2014, 4, 51184-51193.	1.7	50
30	Three-Component Synthesis of Indanone-Fused Spirooxindole Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4607-4613.	1.2	49
31	Dielectric behaviors of Aurivillius Bi ₅ Ti ₃ Fe _{0.5} Cr _{0.5} O ₁₅ multiferroic polycrystals: Determining the intrinsic magnetoelectric responses by impedance spectroscopy. <i>Scientific Reports</i> , 2016, 5, 17846.	1.6	49
32	Investigation of inclusion complex of Epothilone A with cyclodextrins. <i>Carbohydrate Polymers</i> , 2014, 102, 297-305.	5.1	43
33	Uncovering the Formation and Selection of Benzylmalonyl-CoA from the Biosynthesis of Splenocin and Enterocin Reveals a Versatile Way to Introduce Amino Acids into Polyketide Carbon Scaffolds. <i>Journal of the American Chemical Society</i> , 2015, 137, 4183-4190.	6.6	43
34	Lattice dynamics and ferroelectric properties of the nitride perovskite LaWN_3 . <i>Physical Review B</i> , 2017, 95, .	4.0	43
35	High-speed ultraviolet photodetectors based on 2D layered CuInP ₂ S ₆ nanoflakes. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	42
36	Understanding the Effect of Al Doping on the Electrochemical Performance Improvement of the LiMn ₂ O ₄ Cathode Material. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45446-45454.	4.0	42

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37	Hybrid MnO ₂ /C nano-composites on a macroporous electrically conductive network for supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16695-16707.	5.2	41
38	A Facile Surfactant-Assisted Reflux Method for the Synthesis of Single-Crystalline Sb ₂ Te ₃ Nanostructures with Enhanced Thermoelectric Performance. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14263-14271.	4.0	36
39	Three-Component Site-Selective Synthesis of Highly Substituted 5 <i>H</i> -Chromeno-[4,3- <i>b</i>]pyridines. <i>Journal of Organic Chemistry</i> , 2018, 83, 4981-4989.	1.7	36
40	A simulation study of inorganic sulfur cycling in the water level fluctuation zone of the Three Gorges Reservoir, China and the implications for mercury methylation. <i>Chemosphere</i> , 2017, 166, 31-40.	4.2	35
41	Atomic-Scale Visualization of Polarization Pinning and Relaxation at Coherent BiFeO ₃ /LaAlO ₃ Interfaces. <i>Advanced Functional Materials</i> , 2014, 24, 793-799.	7.8	34
42	Three-dimensional tetsubo-like Co(OH) ₂ nanorods on a macroporous electrically conductive network as an efficient electroactive framework for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2629-2639.	5.2	34
43	Inorganic sulfur and mercury speciation in the water level fluctuation zone of the Three Gorges Reservoir, China: The role of inorganic reduced sulfur on mercury methylation. <i>Environmental Pollution</i> , 2018, 237, 1112-1123.	3.7	31
44	Aging-associated mitochondrial DNA mutations alter oxidative phosphorylation machinery and cause mitochondrial dysfunctions. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2266-2273.	1.8	30
45	Unconventional out-of-plane domain inversion <i>via</i> in-plane ionic migration in a van der Waals ferroelectric. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6966-6971.	2.7	30
46	Electric-Field-Induced Room-Temperature Antiferroelectric-Ferroelectric Phase Transition in van der Waals Layered GeSe. <i>ACS Nano</i> , 2022, 16, 1308-1317.	7.3	30
47	Preparation and properties of epoxy resin composites containing hexaphenoxycyclotriphosphazene. <i>High Performance Polymers</i> , 2014, 26, 114-121.	0.8	29
48	Structural Distortion and Compositional Gradients Adjacent to Epitaxial LiMn ₂ O ₄ Thin Film Interfaces. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400143.	1.9	29
49	Origin of Photocatalytic Activity in Ti ⁴⁺ /Ti ³⁺ Core-Shell Titanium Oxide Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20949-20959.	1.5	29
50	Antiferroelectric Anisotropy of Epitaxial PbHfO ₃ Films for Flexible Energy Storage. <i>Advanced Functional Materials</i> , 2021, 31, 2105060.	7.8	29
51	The preparation, and structural and multiferroic properties of B-site ordered double-perovskite Bi ₂ FeMnO ₆ . <i>Journal of Materials Chemistry C</i> , 2017, 5, 5494-5500.	2.7	28
52	Structure and electrical properties of epitaxial SrRuO ₃ thin films controlled by oxygen partial pressure. <i>Journal of Applied Physics</i> , 2016, 120, .	1.1	27
53	Three Gorges Dam: friend or foe of riverine greenhouse gases?. <i>National Science Review</i> , 2022, 9, .	4.6	27
54	Atomic insights into surface orientations and oxygen vacancies in the LiMn ₂ O ₄ cathode for lithium storage. <i>Journal of Alloys and Compounds</i> , 2021, 870, 159387.	2.8	26

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55	Epitaxial Growth of LiMn ₂ O ₄ Thin Films by Chemical Solution Deposition for Multilayer Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19540-19547.	1.5	25
56	Surface Energy Driven Cubic-to-Hexagonal Grain Growth of Ge ₂ Sb ₂ Te ₅ Thin Film. <i>Scientific Reports</i> , 2017, 7, 5915.	1.6	25
57	Coupling Effect of Au Nanoparticles with the Oxygen Vacancies of TiO _{2-x} for Enhanced Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23823-23831.	1.5	25
58	An environmentally benign cascade reaction of chromone-3-carboxaldehydes with ethyl 2-(pyridine-2-yl)acetate derivatives for highly site-selective synthesis of quinolizines and quinolizinium salts in water. <i>Green Chemistry</i> , 2020, 22, 6943-6953.	4.6	25
59	Bottom-up assembly to Ag nanoparticles embedded Nb-doped TiO ₂ nanobulks with improved n-type thermoelectric properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 14180.	6.7	24
60	Large Magnetoresistance in Magnetically Coupled SrRuO ₃ /CoFe ₂ O ₄ Self-Assembled Nanostructures. <i>Advanced Materials</i> , 2013, 25, 4753-4759.	11.1	24
61	Three-dimensional homo-nanostructured MnO ₂ /nanographene membranes on a macroporous electrically conductive network for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11317-11329.	5.2	24
62	High-stability fluorescent perovskites embedded in PbBrOH triggered by imidazole derivatives in water. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5594-5599.	2.7	24
63	Microscopic Mechanism of Carbon-Dopant Manipulating Device Performance in CGeSbTe-Based Phase Change Random Access Memory. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23051-23059.	4.0	24
64	Inclusion complex of GA-13315 with cyclodextrins: Preparation, characterization, inclusion mode and properties. <i>Carbohydrate Polymers</i> , 2012, 89, 89-97.	5.1	23
65	MoO ₂ Sacrificial Layer for Optimizing Back Contact Interface of Cu ₂ ZnSn(S,Se) ₄ Solar Cells. <i>IEEE Journal of Photovoltaics</i> , 2020, 10, 1191-1200.	1.5	23
66	Three-component solvent-free synthesis of highly substituted tetra-hydroimidazo[1,2-a]pyridines. <i>RSC Advances</i> , 2011, 1, 596.	1.7	22
67	Doubling the <i>ZT</i> record of TiS ₂ -based thermoelectrics by incorporation of ionized impurity scattering. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9345-9353.	2.7	22
68	Improved Tensile Strength of Al-5Ce Alloy by Permanent Magnet Stirring. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 1972-1977.	1.1	22
69	One-pot aqueous synthesis of gadolinium doped CdTe quantum dots with dual imaging modalities. <i>Talanta</i> , 2016, 155, 14-20.	2.9	21
70	Ru subnanoparticles on N-doped carbon layer coated SBA-15 as efficient Catalysts for arene hydrogenation. <i>Applied Catalysis A: General</i> , 2019, 585, 117183.	2.2	21
71	Hydrogenation Dynamics of Electrically Controlled Metal-Insulator Transition in Proton-Gated Transparent and Flexible WO ₃ Transistors. <i>Advanced Functional Materials</i> , 2019, 29, 1902497.	7.8	21
72	Multi-component solvent-free cascade reaction of 2-cyanoacetamides: regioselective synthesis of pyridin-2-ones bearing quaternary centers. <i>Green Chemistry</i> , 2020, 22, 256-264.	4.6	21

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73	Amorphous Metal-Organic Framework-Dominated Nanocomposites with Both Compositional and Structural Heterogeneity for Oxygen Evolution. <i>Angewandte Chemie</i> , 2020, 132, 3659-3666.	1.6	21
74	Multi-component cascade reaction of 3-formylchromones: highly selective synthesis of 4,5-dihydro-[4,5-bipyrimidin]-6(1 <i>H</i>)-one derivatives. <i>Chemical Communications</i> , 2021, 57, 7657-7660.	2.2	21
75	Direct visualization of lithium via annular bright field scanning transmission electron microscopy: a review. <i>Microscopy (Oxford, England)</i> , 2016, 66, 3-14.	0.7	20
76	Atomically precise Ag nanoclusters intercalated in zirconium pyrophosphate for efficient hydrogenation of nitroaromatics. <i>Applied Catalysis A: General</i> , 2019, 574, 1-9.	2.2	20
77	Size effect of Au nanoparticles in Au-TiO _{2-x} photocatalyst. <i>Chemical Physics Letters</i> , 2021, 770, 138457.	1.2	20
78	Proton-Mediated Phase Control in Flexible and Transparent Mott Transistors. <i>Advanced Electronic Materials</i> , 2020, 6, 1900742.	2.6	19
79	Optical properties of SiO ₂ and ZnO nanostructured replicas of butterfly wing scales. <i>Nano Research</i> , 2011, 4, 737-745.	5.8	18
80	Selective fabrication of <i>n</i> - and <i>p</i> -type SnO films without doping. <i>Physica Status Solidi - Rapid Research Letters</i> , 2015, 9, 192-196.	1.2	18
81	Nonstoichiometric wollastonite bioceramic scaffolds with core-shell pore struts and adjustable mechanical and biodegradable properties. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 88, 140-149.	1.5	18
82	Atomic Insights into Ti Doping on the Stability Enhancement of Truncated Octahedron LiMn ₂ O ₄ Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 508.	1.9	18
83	A Metal-Insulator Transition of the Buried MnO ₂ Monolayer in Complex Oxide Heterostructure. <i>Advanced Materials</i> , 2016, 28, 9142-9151.	11.1	17
84	Thickness dependence of transport behaviors in SrRuO ₃ /SrTiO ₃ superlattices. <i>Physical Review Materials</i> , 2020, 4, .	1.9	17
85	New Polyoxygenated Triterpenoids from <i>Stachyurus himalaicus</i> var. <i>himalaicus</i> . <i>Helvetica Chimica Acta</i> , 2006, 89, 2830-2835.	1.0	16
86	Facile Route to the Synthesis of 1,3-Diazahetero-Cycle-Fused [1,2- <i>a</i>]Quinoline Derivatives via Cascade Reactions. <i>ACS Omega</i> , 2018, 3, 1126-1136.	1.6	14
87	Highly Selective Synthesis of 2-Amino-4,6-diarylpyridine Derivatives by the Cascade Reaction of 1,1-Enediamines with α,β -Unsaturated Ketones. <i>Journal of Organic Chemistry</i> , 2019, 84, 1999-2011.	1.7	14
88	Control of the Metal-Insulator Transition at Complex Oxide Heterointerfaces through Visible Light. <i>Advanced Materials</i> , 2016, 28, 764-770.	11.1	13
89	Highly efficient field emission from ZnO nanorods and nanographene hybrids on a macroporous electric conductive network. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9296-9305.	2.7	13
90	Hierarchically Structured Thermoelectric Materials in Quaternary System Cu-Zn-Sn-S Featuring a Mosaic-type Nanostructure. <i>ACS Applied Nano Materials</i> , 2018, 1, 2579-2588.	2.4	13

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91	NiS ₂ Nanocubes Coated Ti ₃ C ₂ Nanosheets with Enhanced Light-Heat Conversion for Fast and Efficient Solar Seawater Steam Generation. <i>Solar Rrl</i> , 2021, 5, 2100183.	3.1	13
92	Synthesis and evaluation of the antitumor activity of highly functionalised pyridin-2-ones and pyrimidin-4-ones. <i>RSC Advances</i> , 2017, 7, 40067-40073.	1.7	12
93	Microstructure evolution with composition ratio in self-assembled WO ₃ · <i>n</i> H ₂ O/BiVO ₄ hetero nanostructures for water splitting. <i>Journal of Materials Research</i> , 2017, 32, 2790-2799.	1.2	12
94	Facets Matching of Platinum and Ferric Oxide in Highly Efficient Catalyst Design for Low-Temperature CO Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15322-15327.	4.0	12
95	Formation and dispersion of organometal halide perovskite nanocrystals in various solvents. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 575-581.	5.0	12
96	Sensitive colorimetric detection of ochratoxin A by a dual-functional Au/Fe ₃ O ₄ nanohybrid-based aptasensor. <i>RSC Advances</i> , 2019, 9, 38590-38596.	1.7	12
97	Metastable alloying structures in MAPbI _{3-x} Cl _x crystals. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	12
98	Ordered Large-Pore MesoMOFs Based on Synergistic Effects of Triblock Polymer and Hofmeister Ion. <i>Angewandte Chemie</i> , 2020, 132, 14228-14232.	1.6	12
99	A New Defect Pyrochlore Oxide Sn _{1.06} Nb ₂ O _{5.59} F _{0.97} : Synthesis, Noble Metal Hybrids, and Photocatalytic Applications. <i>Inorganic Chemistry</i> , 2018, 57, 6641-6647.	1.9	11
100	Solvent Water Controls Photocatalytic Methanol Reforming. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3738-3744.	2.1	11
101	Remote growth of oxide heteroepitaxy through MoS ₂ . <i>APL Materials</i> , 2021, 9, .	2.2	11
102	Nanoscale Mapping of Cu Ion Transport in van der Waals Layered CuCrP ₂ S ₆ . <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	11
103	Megastigmane O-glucopyranosides from <i>Litsea glutinosa</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 346-349.	0.2	10
104	Morphology, thermal properties, and fire behavior of epoxy resin nanocomposites containing octaammonium polyhedral oligomeric silsesquioxane-modified montmorillonite. <i>High Performance Polymers</i> , 2013, 25, 992-999.	0.8	10
105	Large room-temperature magnetoresistance in epitaxial La _{0.7} Ca _{0.25} Sr _{0.05} MnO ₃ thin films prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 576-581.	1.1	10
106	Size-controlled synthesis of hierarchical bismuth selenide nanoflowers and their photocatalytic performance in the presence of H ₂ O ₂ . <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	10
107	Genome-Wide Identification and Molecular Characterization of the Growth-Regulating Factors-Interacting Factor Gene Family in Tomato. <i>Genes</i> , 2020, 11, 1435.	1.0	10
108	Extremely Fast Optical and Nonvolatile Control of Mixed-Phase Multiferroic BiFeO ₃ via Instantaneous Strain Perturbation. <i>Advanced Materials</i> , 2021, 33, e2007264.	11.1	10

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109	Twisted oxide lateral homostructures with conjunction tunability. <i>Nature Communications</i> , 2022, 13, 2565.	5.8	10
110	Nitrogen-doped multilayered nanographene derived from Ni ₃ C with efficient electron field emission. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9251-9260.	2.7	9
111	In-situ plasmonic tracking oxygen evolution reveals multistage oxygen diffusion and accumulating inhibition. <i>Nature Communications</i> , 2021, 12, 2164.	5.8	9
112	The cell-impermeable Ru(II) polypyridyl complex as a potent intracellular photosensitizer under visible light irradiation via ion-pairing with suitable lipophilic counter-anions. <i>Free Radical Biology and Medicine</i> , 2021, 171, 69-79.	1.3	9
113	Chemical constituents of <i>Pteris multifida</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 629-631.	0.2	8
114	Epitaxial integration of a nanoscale BiFeO ₃ phase boundary with silicon. <i>Nanoscale</i> , 2016, 8, 1322-1326.	2.8	8
115	Nanometer-Thick Metastable Zinc Blende $\hat{3}$ -MnTe Single-Crystalline Films for High-Performance Ultraviolet and Broadband Photodetectors. <i>ACS Applied Nano Materials</i> , 2020, 3, 12046-12054.	2.4	8
116	Porous Co ₃ O ₄ stabilized VS ₂ nanosheets obtained with a MOF template for the efficient HER. <i>CrystEngComm</i> , 2021, 23, 5097-5105.	1.3	8
117	An Environmentally Benign Cascade Reaction of 1,1-Enediamines (EDAMs) for Site-Selective Synthesis of Highly Functionalized 2,10-Dihydro-1 <i>H</i> -imidazo[1- <i>a</i> ,2- <i>b</i>]pyrido[2,3- <i>b</i>]indoles and Pyrroles. <i>Journal of Organic Chemistry</i> , 2021, 86, 5744-5756.	1.7	8
118	Highly Suppressed Thermal Conductivity in Diamond-like Cu ₂ SnS ₃ by Dense Dislocation. <i>ACS Applied Energy Materials</i> , 2021, 4, 8728-8733.	2.5	8
119	Self-Assembly of Methyl Substituted Polyaniline Hollow Nanospheres in a Polyelectrolyte Solution. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 602-608.	1.8	7
120	Annular Bright-Field Scanning Transmission Electron Microscopy: Direct and Robust Atomic-Resolution Imaging of Light Elements in Crystalline Materials. <i>Microscopy Today</i> , 2017, 25, 36-41.	0.2	7
121	Boosting Oxygen and Peroxide Reduction Reactions on PdCu Intermetallic Cubes. <i>ChemElectroChem</i> , 2020, 7, 2614-2620.	1.7	7
122	Sulfate-reducing bacteria (SRB) can enhance the uptake of silver-containing nanoparticles by a wetland plant. <i>Environmental Science: Nano</i> , 2020, 7, 912-925.	2.2	7
123	Dissolved and emitted methane in the Poyang Lake. <i>Science China Technological Sciences</i> , 2021, 64, 203-212.	2.0	7
124	Revealing a high-density three-dimensional Ruddlesden-Popper-type fault network in an SmNiO ₃ thin film. <i>Journal of Materials Research</i> , 2021, 36, 1637-1645.	1.2	7
125	Structure dependence of ferroelectricity in high quality BiMnO ₃ epitaxial films. <i>Physical Review Materials</i> , 2019, 3, .	1.9	7
126	Chemical constituents of <i>Litsea szemaonis</i> . <i>Chemistry of Natural Compounds</i> , 2011, 47, 122-123.	0.2	6

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127	Solvothermal synthesis of wire-like $\text{Sn}_x\text{Sb}_2\text{Te}_{3+x}$ with an enhanced thermoelectric performance. Dalton Transactions, 2016, 45, 7483-7491.	1.6	6
128	Role of indium tin oxide electrode on the microstructure of self-assembled $\text{WO}_3\text{-BiVO}_4$ hetero nanostructures. Journal of Applied Physics, 2017, 122, .	1.1	6
129	Intergranular Oxynitride to Regulate Solution-Reprecipitation Process in Gas-Pressure-Sintered SiC Ceramics with AlN - Y_2O_3 Additives. Advanced Engineering Materials, 2019, 21, 1800821.	1.6	6
130	Iron Single Atoms Anchored on Carbon Matrix/g-C $_3\text{N}_4$ Hybrid Supports by Single-Atom Migration-Trapping Based on MOF Pyrolysis. Nanomaterials, 2022, 12, 1416.	1.9	6
131	Selective Synthesis of Highly Functionalized Bicyclic Pyridinone and 1,3-Oxazinanone Derivatives. European Journal of Organic Chemistry, 2017, 2017, 3442-3450.	1.2	5
132	Manganese molybdate nanoflakes on silicon microchannel plates as novel nano energetic material. Royal Society Open Science, 2017, 4, 171229.	1.1	5
133	Microstructure of Cu_2S nanoprecipitates and its effect on electrical and thermal properties in thermoelectric $\text{Cu}_2\text{Zn}_{0.2}\text{Sn}_{0.8}\text{S}_3$ ceramics. AIP Advances, 2018, 8, 085105.	0.6	5
134	Cascade Reaction of 1,1-Enediamines with 2-Benzylidene-1-indene-1,3-diones: Selective Synthesis of Indenodihydropyridine and Indenopyridine Compounds. ACS Omega, 2019, 4, 6637-6646.	1.6	5
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