

Shouhua Feng

List of Publications by Year in descending order

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274
papers

10,022
citations

34016

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all docs

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docs citations

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times ranked

12730
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepcidin-Based Nanocomposites for Enhanced Cancer Immunotherapy by Modulating Iron Export-Mediated N ⁶ -Methyladenosine RNA Transcript. <i>Advanced Functional Materials</i> , 2022, 32, 2107195.	7.8	16
2	Stable isomeric layered indium coordination polymers for high proton conduction. <i>CrystEngComm</i> , 2022, 24, 294-299.	1.3	2
3	Glutathione-Bioimprinted Nanoparticles Targeting of N ⁶ -methyladenosine FTO Demethylase as a Strategy against Leukemic Stem Cells. <i>Small</i> , 2022, 18, e2106558.	5.2	45
4	High-Performance Aqueous Zinc-Ion Battery Based on an Al _{0.35} Mn _{2.52} O ₄ Cathode: A Design Strategy from Defect Engineering and Atomic Composition Tuning. <i>Small</i> , 2022, 18, e2105970.	5.2	13
5	Poly(Anthraquinonyl Sulfide)/CNT Composites as High-Performance Cathodes for Nonaqueous Rechargeable Calcium-Ion Batteries. <i>Advanced Science</i> , 2022, 9, e2200397.	5.6	13
6	Optimizing the electronic spin state and delocalized electron of NiCo ₂ (OH) /MXene composite by interface engineering and plasma boosting oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , 2022, 71, 129-140.	7.1	25
7	Glycyrrhetic acid nanoparticles combined with ferrotherapy for improved cancer immunotherapy. <i>Acta Biomaterialia</i> , 2022, 144, 109-120.	4.1	34
8	Phase-Reconfiguration-Induced NiS/NiFe ₂ O ₄ Composite for Performance-Enhanced Zinc-Air Batteries. <i>Advanced Materials</i> , 2022, 34, e2110172.	11.1	67
9	A mitochondria-tracing fluorescent probe for real-time detection of mitochondrial dynamics and hypochlorous acid in live cells. <i>Dyes and Pigments</i> , 2022, 201, 110227.	2.0	7
10	Facile Preparation of Chitosan-modified Mesoporous Titanium Dioxide Film on Fused-silica Capillary for Selective Enrichment of Phosphopeptides. <i>ChemNanoMat</i> , 2022, 8, .	1.5	1
11	Multiphysics modeling of proton exchange membrane water electrolysis: From steady to dynamic behavior. <i>AIChE Journal</i> , 2022, 68, .	1.8	7
12	Exsolution: A promising strategy for constructing advanced composite solids. <i>Materials Today Sustainability</i> , 2022, 19, 100172.	1.9	5
13	Ultrafine Sb nanoparticles <i>in situ</i> confined in covalent organic frameworks for high-performance sodium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15089-15100.	5.2	19
14	Visible-Light-Responsive UiO-66(Zr) with Defects Efficiently Promoting Photocatalytic CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 28977-28984.	4.0	33
15	Quantitative Evaluation of Carrier Dynamics in Full-Spectrum Responsive Metallic ZnIn ₂ S ₄ with Indium Vacancies for Boosting Photocatalytic CO ₂ Reduction. <i>Nano Letters</i> , 2022, 22, 4970-4978.	4.5	54
16	Origin of the Photocatalytic Activity of Crystalline Phase Structures. <i>ACS Applied Energy Materials</i> , 2022, 5, 8923-8929.	2.5	2
17	Fluorine induced surface reconstruction of perovskite ferrite oxide as cathode catalyst for prolong-life Li-O ₂ battery. <i>Chemical Engineering Journal</i> , 2022, 448, 137684.	6.6	13
18	An electrochemical modification strategy to fabricate NiFeCuPt polymetallic carbon matrices on nickel foam as stable electrocatalysts for water splitting. <i>Chemical Science</i> , 2022, 13, 8876-8884.	3.7	8

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19	Thermochemical Mechanism of Optimized Lanthanum Chromite Heaters for High-Pressure and High-Temperature Experiments. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32244-32252.	4.0	2
20	Modulating Ti ^{3d} Orbital Occupancy in a Cu/TiO ₂ Composite for Selective Photocatalytic CO ₂ Reduction to CO. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	35
21	Synthesis of a microporous poly-benzimidazole as high performance anode materials for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 405, 126621.	6.6	8
22	A cage-based covalent organic framework for drug delivery. <i>New Journal of Chemistry</i> , 2021, 45, 3343-3348.	1.4	31
23	Coupling NiFe-MOF nanosheets with Ni ₃ N microsheet arrays for efficient electrocatalytic water oxidation. <i>New Journal of Chemistry</i> , 2021, 45, 19646-19650.	1.4	7
24	Porous organic polymer enriched in Re functional units and Lewis base sites for efficient CO ₂ photoreduction. <i>Catalysis Science and Technology</i> , 2021, 11, 7300-7306.	2.1	6
25	Ni _x Fe _y N@C microsheet arrays on Ni foam as an efficient and durable electrocatalyst for electrolytic splitting of alkaline seawater. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13562-13569.	5.2	54
26	Surface polarization enables high charge separation in TiO ₂ nanorod photoanode. <i>Nano Research</i> , 2021, 14, 4056-4062.	5.8	20
27	Constructed Interfacial Oxygen-Bridge Chemical Bonding in Core-Shell Transition Metal Phosphides/Carbon Hybrid Boosting Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2021, 14, 2188-2197.	3.6	26
28	High-Efficiency All-Inorganic Perovskite Solar Cells Tailored by Scalable Rutile TiO ₂ Nanorod Arrays with Excellent Stability. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12091-12098.	4.0	15
29	Effect of Side-Group-Regulated Dipolar Passivating Molecules on CsPbBr ₃ Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2021, 6, 2336-2342.	8.8	91
30	Tumor-Associated-Macrophage-Membrane-Coated Nanoparticles for Improved Photodynamic Immunotherapy. <i>Nano Letters</i> , 2021, 21, 5522-5531.	4.5	106
31	Humins with Efficient Electromagnetic Wave Absorption: A By-Product of Furfural Conversion to Isopropyl Levulinate via a Tandem Catalytic Reaction in One-Pot. <i>Chemistry - A European Journal</i> , 2021, 27, 12659-12666.	1.7	7
32	Photothermal therapy mediated by gold nanocages composed of anti-PDL1 and galunisertib for improved synergistic immunotherapy in colorectal cancer. <i>Acta Biomaterialia</i> , 2021, 134, 621-632.	4.1	50
33	Cation-Exchange-Induced Metal and Alloy Dual-Exsolution in Perovskite Ferrite Oxides Boosting the Performance of Li-O ₂ Battery. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23380-23387.	7.2	47
34	Direct quantitative profiling of amino acids in tissues for the assessment of lung cancer. <i>Talanta</i> , 2021, 233, 122544.	2.9	9
35	In situ growth of 1D carbon nanotubes on well-designed 2D Ni/N co-decorated carbon sheets toward excellent electromagnetic wave absorbers. <i>Applied Surface Science</i> , 2021, 569, 150991.	3.1	11
36	Size-encoded hierarchical self-assembly of nanoparticles into chains and tubules. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 866-875.	5.0	1

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37	Manipulating Surface Termination of Perovskite Manganate for Oxygen Activation. <i>Advanced Functional Materials</i> , 2021, 31, 2006439.	7.8	18
38	Catalytic transfer hydrogenation of furfural to furfuryl alcohol using easy-to-separate core-shell magnetic zirconium hydroxide. <i>New Journal of Chemistry</i> , 2021, 45, 2715-2722.	1.4	15
39	Metal-ionic-conductor potassium ferrite nanocrystals with intrinsic superhydrophilic surfaces for electrocatalytic water splitting at ultrahigh current densities. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7586-7593.	5.2	40
40	Multivariate Synergistic Flexible Metal-Organic Frameworks with Superproton Conductivity for Direct Methanol Fuel Cells. <i>Angewandte Chemie</i> , 2021, 133, 26781-26785.	1.6	4
41	Multivariate Synergistic Flexible Metal-Organic Frameworks with Superproton Conductivity for Direct Methanol Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26577-26581.	7.2	34
42	Gold Nanorods Exhibit Intrinsic Therapeutic Activity via Controlling <i>N</i> -6-Methyladenosine-Based Epitranscriptomics in Acute Myeloid Leukemia. <i>ACS Nano</i> , 2021, 15, 17689-17704.	7.3	36
43	Recent Advances on Black Phosphorus Based Electrocatalysts for Water-Splitting. <i>ChemCatChem</i> , 2020, 12, 1913-1921.	1.8	17
44	Highly Efficient B-Site Exsolution Assisted by Co Doping in Lanthanum Ferrite toward High-Performance Electrocatalysts for Oxygen Evolution and Oxygen Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 302-310.	3.2	48
45	Stimulus-Responsive Luminescent Properties of Tetraphenylethene-Based Strontium and Cobalt Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2020, 132, 19884-19889.	1.6	8
46	Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport. <i>Advanced Materials</i> , 2020, 32, e2002556.	11.1	116
47	Tuning $W_{18O_{49}}/Cu_{2O}\{111\}$ Interfaces for the Highly Selective CO_2 Photocatalytic Conversion to CH_4 . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35113-35119.	4.0	44
48	Mitochondria-Immobilized Unimolecular Fluorescent Probe for Multiplexing Imaging of Living Cancer Cells. <i>Analytical Chemistry</i> , 2020, 92, 11103-11110.	3.2	23
49	In Situ Growth of Amorphous NiFe Hydroxides on Spinel $NiFe_2O_4$ via Ultrasonic-Assisted Reduction for an Enhanced Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17194-17200.	3.2	23
50	Bortezomib-Encapsulated CuS/Carbon Dot Nanocomposites for Enhanced Photothermal Therapy via Stabilization of Polyubiquitinated Substrates in the Proteasomal Degradation Pathway. <i>ACS Nano</i> , 2020, 14, 10688-10703.	7.3	88
51	Mesoporous core-shell structure $NiFe_2O_4$ @polypyrrole micro-rod with efficient electromagnetic wave absorption in C, X, Ku wavebands. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167268.	1.0	10
52	Rational design of NiFe LDH@ Ni_3N nano/microsheet arrays as a bifunctional electrocatalyst for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17202-17211.	5.2	89
53	Photocatalysts: Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport (<i>Adv. Mater.</i> 44/2020). <i>Advanced Materials</i> , 2020, 32, 2070328.	11.1	4
54	Jahn-Teller Disproportionation Induced Exfoliation of Unit-Cell Scale μ - MnO_2 . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22659-22666.	7.2	26

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55	Jahn–Teller Disproportionation Induced Exfoliation of Unit-Cell Scale $\mu\text{-MnO}_2$. <i>Angewandte Chemie</i> , 2020, 132, 22848-22855.	1.6	4
56	Stimuli-Responsive Luminescent Properties of Tetraphenylethene-Based Strontium and Cobalt Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19716-19721.	7.2	70
57	Stabilizing black phosphorus <i>via</i> inorganic small-molecular H_3BO_3 . <i>Chemical Communications</i> , 2020, 56, 11418-11421.	2.2	9
58	Flexible Electrocatalytic Nanofiber Membrane Reactor for Lithium/Sulfur Conversion Chemistry. <i>Advanced Functional Materials</i> , 2020, 30, 1910533.	7.8	41
59	Reversible thermochromic property of Cr, Mn, Fe, Co-doped $\text{Ca}_{14}\text{Zn}_6\text{Ga}_{10}\text{O}_{35}$. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9615-9624.	2.7	11
60	Dual Defects Adjusted Crystal Field Splitting of $\text{LaCo}_2\text{Ni}_3\text{O}_7$ Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19691-19695.	7.2	80
61	The C–H bond activation by non-heme oxidant $[(\text{N4Py})\text{FeIV}(\text{O})]^{2+}$ with external electric field. <i>Theoretical Chemistry Accounts</i> , 2020, 139, 1.	0.5	1
62	Dual Defects Adjusted Crystal Field Splitting of $\text{LaCo}_2\text{Ni}_3\text{O}_7$ Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , 2020, 132, 19859-19863.	1.6	5
63	Effect of processing temperature on film properties of ZnO prepared by the aqueous method and related organic photovoltaics and LEDs. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2809-2817.	3.0	2
64	<i>In situ</i> exsolution of Ag from AgBiS_2 nanocrystal anode boosting high-performance potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15058-15065.	5.2	16
65	One-Pot Transfer Hydrogenation of methyl levulinate into valerolactone and 1,4-pentanediol over <i>in situ</i> Reduced Cu/Zr CO_3 in 2-PrOH . <i>ChemistrySelect</i> , 2020, 5, 924-930.	0.7	14
66	Electrochemical dopamine sensor based on superionic conducting potassium ferrite. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112045.	5.3	59
67	Selective Acetylene Adsorption within an Imino-Functionalized Nanocage-Based Metal-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5999-6006.	4.0	33
68	Optimizing the surface state of cobalt-iron bimetallic phosphide <i>via</i> regulating phosphorus vacancies. <i>Chemical Communications</i> , 2020, 56, 2602-2605.	2.2	29
69	Evidence for Ferroelectricity of All-Inorganic Perovskite CsPbBr_3 Quantum Dots. <i>Journal of the American Chemical Society</i> , 2020, 142, 3316-3320.	6.6	53
70	Interfacial electric field enhanced charge density for robust triboelectric nanogenerators by tailoring metal/perovskite Schottky junction. <i>Nano Energy</i> , 2020, 73, 104747.	8.2	42
71	A stable nanoscaled Zr-MOF for the detection of toxic mycotoxin through a pH-modulated ratiometric luminescent switch. <i>Chemical Communications</i> , 2020, 56, 5389-5392.	2.2	49
72	One-Pot Synthesis of High-Quality $\text{AgGaS}_2/\text{ZnS}$ -based Photoluminescent Nanocrystals with Widely Tunable Band Gap. <i>Inorganic Chemistry</i> , 2020, 59, 5975-5982.	1.9	21

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73	Iron fumarate as large-capacity and long-life anode material for Li-ion battery boosted by conductive Fe ₂ P decorating. <i>Journal of Alloys and Compounds</i> , 2019, 809, 151826.	2.8	16
74	Facile preparation of BiVO ₄ /FeVO ₄ heterostructure for efficient water-splitting applications. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23046-23053.	3.8	30
75	Enhancement of Fe ₂ TiO ₅ Photoanode through Surface Al ³⁺ Treatment and FeOOH Modification. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14347-14352.	3.2	11
76	ABO ₃ -Type Perovskites: Unfolding Bi ²⁺ O ²⁻ B Bonds for an Enhanced ORR Performance in ABO ₃ -Type Perovskites (Small 29/2019). <i>Small</i> , 2019, 15, 1970153.	5.2	13
77	Sequential Detection of Lipids, Metabolites, and Proteins in One Tissue for Improved Cancer Differentiation Accuracy. <i>Analytical Chemistry</i> , 2019, 91, 10532-10540.	3.2	20
78	Optimization of oxygen evolution dynamics on RuO ₂ via controlling of spontaneous dissociation equilibrium. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1779-1785.	3.2	7
79	Advanced Materials for Green Chemistry and Renewable Energy. <i>Small</i> , 2019, 15, e1902047.	5.2	2
80	Delicately designed Sn-based electrode material via spray pyrolysis for high performance lithium-ion battery. <i>Electrochimica Acta</i> , 2019, 318, 542-550.	2.6	16
81	InnenrÄ¼cktitelbild: Charge Polarization from Atomic Metals on Adjacent Graphitic Layers for Enhancing the Hydrogen Evolution Reaction (<i>Angew. Chem.</i> 28/2019). <i>Angewandte Chemie</i> , 2019, 131, 9749-9749.	1.6	0
82	3D Hierarchical ZnIn ₂ S ₄ Nanosheets with Rich Zn Vacancies Boosting Photocatalytic CO ₂ Reduction. <i>Advanced Functional Materials</i> , 2019, 29, 1905153.	7.8	308
83	Soft-Chemical Method for Synthesizing Intermetallic Antimonide Nanocrystals from Ternary Chalcogenide. <i>Langmuir</i> , 2019, 35, 15131-15136.	1.6	6
84	Silver-Intermediated Perovskite La _{0.9} FeO ₃ toward High-Performance Cathode Catalysts for Nonaqueous Lithium-Oxygen Batteries. <i>ACS Catalysis</i> , 2019, 9, 11743-11752.	5.5	46
85	Luminescent covalent organic framework as a recyclable turn-off fluorescent sensor for cations and anions in aqueous solution. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11919-11925.	2.7	35
86	Charge transfer-induced O p-band center shift for an enhanced OER performance in LaCoO ₃ film. <i>CrystEngComm</i> , 2019, 21, 1534-1538.	1.3	17
87	Drawing a Pencil-Trace Cathode for a High-Performance Polymer-Based Li-CO ₂ Battery with Redox Mediator. <i>Advanced Functional Materials</i> , 2019, 29, 1806863.	7.8	56
88	Engineering Cu ₂ O/Cu@CoO hierarchical nanospheres: synergetic effect of fast charge transfer cores and active shells for enhanced oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1660-1666.	3.0	9
89	Atomic-Scale Insights into Surface Lattice Oxygen Activation at the Spinel/Perovskite interface of Co ₃ O ₄ /La _{0.3} Sr _{0.7} CoO ₃ . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11720-11725.	7.2	140
90	Atomic-Scale Insights into Surface Lattice Oxygen Activation at the Spinel/Perovskite interface of Co ₃ O ₄ /La _{0.3} Sr _{0.7} CoO ₃ . <i>Angewandte Chemie</i> , 2019, 131, 11846-11851.	1.6	26

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91	Interfacial engineering of metal-organic frameworks/graphene oxide composite membrane by polyethyleneimine for efficient H ₂ /CH ₄ gas separation. Inorganic Chemistry Frontiers, 2019, 6, 2043-2049.	3.0	17
92	Charge Polarization from Atomic Metals on Adjacent Graphitic Layers for Enhancing the Hydrogen Evolution Reaction. Angewandte Chemie, 2019, 131, 9504-9508.	1.6	10
93	Three-dimensional nitrogen-doped reduced graphene oxide aerogel decorated with Ni nanoparticles with tunable and unique microwave absorption. Carbon, 2019, 152, 575-586.	5.4	156
94	A Co(OH) _x nanolayer integrated planar WO ₃ /Fe ₂ O ₃ photoanode for efficient photoelectrochemical water splitting. Sustainable Energy and Fuels, 2019, 3, 2135-2141.	2.5	12
95	Charge Polarization from Atomic Metals on Adjacent Graphitic Layers for Enhancing the Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2019, 58, 9404-9408.	7.2	87
96	Black Phosphorus-Modified Co ₃ O ₄ through Tuning the Electronic Structure for Enhanced Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2019, 11, 17459-17466.	4.0	87
97	Microwave Assisted Hydrothermal Way Towards Highly Crystallized N-Doped Carbon Quantum Dots and Their Oxygen Reduction Performance. Chemical Research in Chinese Universities, 2019, 35, 171-178.	1.3	13
98	Hydrothermal Synthesized Co-Ni ₃ S ₂ Ultrathin Nanosheets for Efficient and Enhanced Overall Water Splitting. Chemical Research in Chinese Universities, 2019, 35, 179-185.	1.3	11
99	Hollow Multi-Shelled Structure with Metal-Organic Framework-Derived Coatings for Enhanced Lithium Storage. Angewandte Chemie - International Edition, 2019, 58, 5266-5271.	7.2	102
100	1T-2H Cr-MoS ₂ Ultrathin Nanosheets for Durable and Enhanced Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 7227-7232.	3.2	25
101	Hollow Multi-Shelled Structure with Metal-Organic Framework-Derived Coatings for Enhanced Lithium Storage. Angewandte Chemie, 2019, 131, 5320-5325.	1.6	15
102	Simple basic zirconium carbonate: low temperature catalysis for hydrogen transfer of biomass-derived carboxides. Green Chemistry, 2019, 21, 5969-5979.	4.6	61
103	A non-luminescent Eu-MOF-based "turn-on" sensor towards an anthrax biomarker through single-crystal to single-crystal phase transition. Chemical Communications, 2019, 55, 14918-14921.	2.2	64
104	Optimized Co ²⁺ (Td)-O ²⁻ Fe ³⁺ (Oh) electronic states in a spinel electrocatalyst for highly efficient oxygen evolution reaction performance. Inorganic Chemistry Frontiers, 2019, 6, 3295-3301.	3.0	29
105	Integrating Catalysis of Methane Decomposition and Electrocatalytic Hydrogen Evolution with Ni/CeO ₂ for Improved Hydrogen Production Efficiency. ChemSusChem, 2019, 12, 1000-1010.	3.6	58
106	Saccharomyces-derived carbon dots for biosensing pH and vitamin B 12. Talanta, 2019, 195, 117-126.	2.9	52
107	Hollow-Structured Metal Oxides as Oxygen-Related Catalysts. Advanced Materials, 2019, 31, e1801430.	11.1	99
108	Unfolding Bi ₂ O ₃ B Bonds for an Enhanced ORR Performance in ABO ₃ -Type Perovskites. Small, 2019, 15, e1803513.	5.2	67

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109	Design Principles for 3d Electron Transfer in a Ga-Based Garnet To Enable High-Performance Reversible Thermochromic Material Color Maps. <i>Chemistry of Materials</i> , 2019, 31, 1048-1056.	3.2	15
110	Influence of controlled Pd nanoparticles decorated TiO ₂ nanowire arrays for efficient photoelectrochemical water splitting. <i>Journal of Alloys and Compounds</i> , 2019, 785, 391-397.	2.8	19
111	Hydrothermal Growth of Centimeter-Scale CuO Plates: Planar Chromium(III) Oligomer as a Facet-Directing Agent. <i>Inorganic Chemistry</i> , 2018, 57, 2957-2960.	1.9	0
112	Economical synthesis of composites of FeNi alloy nanoparticles evenly dispersed in two-dimensional reduced graphene oxide as thin and effective electromagnetic wave absorbers. <i>RSC Advances</i> , 2018, 8, 8393-8401.	1.7	37
113	A K ₂ Fe ₄ O ₇ superionic conductor for all-solid-state potassium metal batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8413-8418.	5.2	75
114	Highly Active PdNi/RGO/Polyoxometalate Nanocomposite Electrocatalyst for Alcohol Oxidation. <i>Langmuir</i> , 2018, 34, 2685-2691.	1.6	38
115	New perspective on the synthesis of highly efficient composites: regulating influence distance of interfacial charge transfer. <i>Science Bulletin</i> , 2018, 63, 203-205.	4.3	7
116	Hydrothermal shape controllable synthesis of La _{0.5} Sr _{0.5} MnO ₃ crystals and facet effect on electron transfer of oxygen reduction. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 732-738.	3.0	12
117	Integration of Open Metal Sites and Lewis Basic Sites for Construction of a Cu MOF with a Rare Chiral <i>h</i> -type cage for high performance in methane purification. <i>Chemistry - A European Journal</i> , 2018, 24, 13181-13187.	1.7	26
118	In-situ Growth of CoP Nanoparticles Anchored on Black Phosphorus Nanosheets for Enhanced Photocatalytic Hydrogen Production. <i>ChemCatChem</i> , 2018, 10, 2179-2183.	1.8	58
119	Design and synthesis of metal hydroxide three-dimensional inorganic cationic frameworks. <i>Dalton Transactions</i> , 2018, 47, 3339-3345.	1.6	1
120	Mercaptopropionic Acid-Capped Wurtzite Cu ₉ Sn ₂ Se ₉ Nanocrystals as High-Performance Anode Materials for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1810-1818.	4.0	29
121	A pillared-layered copper(<i>h</i>) halide-based metal-organic framework exhibiting dual emission, and piezochromic and thermochromic properties with a large temperature-dependent emission red-shift. <i>RSC Advances</i> , 2018, 8, 1973-1978.	1.7	14
122	Mineralizer effect on facet-controllable hydrothermal crystallization of perovskite structure YbFeO ₃ crystals. <i>CrystEngComm</i> , 2018, 20, 470-476.	1.3	19
123	Fabrication of ultralong perovskite structure nanotubes. <i>RSC Advances</i> , 2018, 8, 367-373.	1.7	4
124	Pressure quenching: a new route for the synthesis of black phosphorus. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 669-674.	3.0	17
125	Direct growth of NiCo ₂ O ₄ nanostructure on conductive substrate by electrospray technique for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2018, 752, 389-394.	2.8	21
126	Sn-Doped defect pyrochlore oxide KNbWO ₆ ·H ₂ O microcrystals and their photocatalytic reduction of CO ₂ . <i>New Journal of Chemistry</i> , 2018, 42, 5753-5758.	1.4	18

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127	Enhanced solar water-splitting activity of novel nanostructured Fe ₂ TiO ₅ photoanode by electrospray and surface F-modification. <i>Nanoscale</i> , 2018, 10, 6678-6683.	2.8	23
128	One-Pot Synthesis of Crystalline Ag ₂ S Nanoparticles Embedded inside Amorphous Cu ₂ S Matrix for High Electrical Conductivity. <i>ChemNanoMat</i> , 2018, 4, 274-280.	1.5	3
129	Environmentally friendly, aqueous processed ZnO as an efficient electron transport layer for low temperature processed metal-halide perovskite photovoltaics. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 84-89.	3.0	12
130	Architecture of Biomimetic Water Oxidation Catalyst with Mn ₄ CaO ₅ Clusterlike Structure Unit. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37948-37954.	4.0	14
131	Sn-Ni ₃ S ₂ Ultrathin Nanosheets as Efficient Bifunctional Water-Splitting Catalysts with a Large Current Density and Low Overpotential. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40568-40576.	4.0	113
132	Activation of Surface Oxygen Sites in a Cobalt-Based Perovskite Model Catalyst for CO Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4146-4154.	2.1	67
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