

Run Shi

List of Publications by Year in descending order

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135
papers

17,280
citations

23567

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137
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times ranked

15945
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkali-Assisted Synthesis of Nitrogen Deficient Graphitic Carbon Nitride with Tunable Band Structures for Efficient Visible-Light-Driven Hydrogen Evolution. <i>Advanced Materials</i> , 2017, 29, 1605148.	21.0	1,616
2	Tuning Oxygen Vacancies in Ultrathin TiO ₂ Nanosheets to Boost Photocatalytic Nitrogen Fixation up to 700 nm. <i>Advanced Materials</i> , 2019, 31, e1806482.	21.0	732
3	Nitrogen-Doped Porous Carbon Nanosheets Templated from g-C ₃ N ₄ as Metal-Free Electrocatalysts for Efficient Oxygen Reduction Reaction. <i>Advanced Materials</i> , 2016, 28, 5080-5086.	21.0	718
4	Ni ₃ Fe Nanoparticles Derived from Ultrathin NiFe-Layered Double Hydroxide Nanosheets: An Efficient Overall Water Splitting Electrocatalyst. <i>Advanced Energy Materials</i> , 2016, 6, 1502585.	19.5	668
5	Well-Dispersed ZIF-Derived Co,Ni-Co-doped Carbon Nanoframes through Mesoporous-Silica-Protected Calcination as Efficient Oxygen Reduction Electrocatalysts. <i>Advanced Materials</i> , 2016, 28, 1668-1674.	21.0	663
6	Smart Utilization of Carbon Dots in Semiconductor Photocatalysis. <i>Advanced Materials</i> , 2016, 28, 9454-9477.	21.0	622
7	Defect-Engineered Ultrathin MnO ₂ Nanosheet Arrays as Bifunctional Electrodes for Efficient Overall Water Splitting. <i>Advanced Energy Materials</i> , 2017, 7, 1700005.	19.5	553
8	Three-dimensional porous g-C ₃ N ₄ for highly efficient photocatalytic overall water splitting. <i>Nano Energy</i> , 2019, 59, 644-650.	16.0	553
9	A universal ligand mediated method for large scale synthesis of transition metal single atom catalysts. <i>Nature Communications</i> , 2019, 10, 4585.	12.8	441
10	NiFe Layered Double Hydroxide Nanoparticles on Co,Ni-Codoped Carbon Nanoframes as Efficient Bifunctional Catalysts for Rechargeable Zinc-Air Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700467.	19.5	422
11	Ammonia Detection Methods in Photocatalytic and Electrocatalytic Experiments: How to Improve the Reliability of NH ₃ Production Rates?. <i>Advanced Science</i> , 2019, 6, 1802109.	11.2	379
12	A Simple Synthetic Strategy toward Defect-Rich Porous Monolayer NiFe-Layered Double Hydroxide Nanosheets for Efficient Electrocatalytic Water Oxidation. <i>Advanced Energy Materials</i> , 2019, 9, 1900881.	19.5	363
13	Self-Assembled Au/CdSe Nanocrystal Clusters for Plasmon-Mediated Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2017, 29, 1700803.	21.0	311
14	Alumina-Supported CoFe Alloy Catalysts Derived from Layered-Double-Hydroxide Nanosheets for Efficient Photothermal CO ₂ Hydrogenation to Hydrocarbons. <i>Advanced Materials</i> , 2018, 30, 1704663.	21.0	309
15	A Novel Gene Signature-Based Model Predicts Biochemical Recurrence-Free Survival in Prostate Cancer Patients after Radical Prostatectomy. <i>Cancers</i> , 2020, 12, 1.	3.7	300
16	Efficient wettability-controlled electroreduction of CO ₂ to CO at Au/C interfaces. <i>Nature Communications</i> , 2020, 11, 3028.	12.8	294
17	Defect Engineering in Photocatalytic Nitrogen Fixation. <i>ACS Catalysis</i> , 2019, 9, 9739-9750.	11.2	286
18	From Solar Energy to Fuels: Recent Advances in Light-Driven C ₁ Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17528-17551.	13.8	285

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19	Recent Advances in Conjugated Polymers for Visible-Light-Driven Water Splitting. <i>Advanced Materials</i> , 2020, 32, e1907296.	21.0	279
20	Sub-3 nm Ultrafine Monolayer Layered Double Hydroxide Nanosheets for Electrochemical Water Oxidation. <i>Advanced Energy Materials</i> , 2018, 8, 1703585.	19.5	274
21	Metal-Organic-Framework-Derived Mesoporous Carbon Nanospheres Containing Porphyrin-Like Metal Centers for Conformal Phototherapy. <i>Advanced Materials</i> , 2016, 28, 8379-8387.	21.0	264
22	Intrinsic Carbon-Defect-Driven Electrocatalytic Reduction of Carbon Dioxide. <i>Advanced Materials</i> , 2019, 31, e1808276.	21.0	263
23	Pd Single-Atom Catalysts on Nitrogen-Doped Graphene for the Highly Selective Photothermal Hydrogenation of Acetylene to Ethylene. <i>Advanced Materials</i> , 2019, 31, e1900509.	21.0	262
24	Two-dimensional photocatalyst design: A critical review of recent experimental and computational advances. <i>Materials Today</i> , 2020, 34, 78-91.	14.2	253
25	Recent Progress in Photocatalytic CO ₂ Reduction Over Perovskite Oxides. <i>Solar Rrl</i> , 2017, 1, 1700126.	5.8	224
26	High-Efficiency Oxygen Reduction to Hydrogen Peroxide Catalyzed by Nickel Single-Atom Catalysts with Tetradentate N ₂ O ₂ Coordination in a Three-Phase Flow Cell. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13057-13062.	13.8	222
27	Selective photocatalytic CO ₂ reduction over Zn-based layered double hydroxides containing tri or tetravalent metals. <i>Science Bulletin</i> , 2020, 65, 987-994.	9.0	205
28	Photocatalytic ammonia synthesis: Recent progress and future. <i>EnergyChem</i> , 2019, 1, 100013.	19.1	204
29	Template-free large-scale synthesis of g-C ₃ N ₄ microtubes for enhanced visible light-driven photocatalytic H ₂ production. <i>Nano Research</i> , 2018, 11, 3462-3468.	10.4	199
30	Supramolecular precursor strategy for the synthesis of holey graphitic carbon nitride nanotubes with enhanced photocatalytic hydrogen evolution performance. <i>Nano Research</i> , 2019, 12, 2385-2389.	10.4	192
31	Alkali Etching of Layered Double Hydroxide Nanosheets for Enhanced Photocatalytic N ₂ Reduction to NH ₃ . <i>Advanced Energy Materials</i> , 2020, 10, 2002199.	19.5	185
32	A Multichannel Ca ²⁺ Nanomodulator for Multilevel Mitochondrial Destruction-Mediated Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2007426.	21.0	177
33	Efficient Photocatalytic Nitrogen Fixation over Cu ⁺ -Modified Defective ZnAl ₂ Layered Double Hydroxide Nanosheets. <i>Advanced Energy Materials</i> , 2020, 10, 1901973.	19.5	173
34	Effect of Nitrogen Doping Level on the Performance of N-Doped Carbon Quantum Dot/TiO ₂ Composites for Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2017, 10, 4650-4656.	6.8	171
35	3D carbon nanoframe scaffold-immobilized Ni ₃ FeN nanoparticle electrocatalysts for rechargeable zinc-air batteries TM cathodes. <i>Nano Energy</i> , 2017, 40, 382-389.	16.0	153
36	Fe Single-Atom Catalysts on MOF-5 Derived Carbon for Efficient Oxygen Reduction Reaction in Proton Exchange Membrane Fuel Cells. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	150

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37	Underwater superaerophobic Ni nanoparticle-decorated nickel–molybdenum nitride nanowire arrays for hydrogen evolution in neutral media. <i>Nano Energy</i> , 2020, 78, 105375.	16.0	148
38	Co-Based Catalysts Derived from Layered Double Hydroxide Nanosheets for the Photothermal Production of Light Olefins. <i>Advanced Materials</i> , 2018, 30, e1800527.	21.0	139
39	Sub-3 nm Ultrafine Cu ₂ O for Visible Light Driven Nitrogen Fixation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2554-2560.	13.8	134
40	The Journey toward Low Temperature, Low Pressure Catalytic Nitrogen Fixation. <i>Advanced Energy Materials</i> , 2020, 10, 2000659.	19.5	127
41	Room-temperature electrochemical acetylene reduction to ethylene with high conversion and selectivity. <i>Nature Catalysis</i> , 2021, 4, 565-574.	34.4	121
42	Tubular assemblies of N-doped carbon nanotubes loaded with NiFe alloy nanoparticles as efficient bifunctional catalysts for rechargeable zinc-air batteries. <i>Nanoscale</i> , 2020, 12, 13129-13136.	5.6	110
43	Layered double hydroxide-based photocatalytic materials toward renewable solar fuels production. <i>Informa Mater</i> , 2021, 3, 719-738.	17.3	105
44	Efficient Combination of G ₃ N ₄ and CDs for Enhanced Photocatalytic Performance: A Review of Synthesis, Strategies, and Applications. <i>Small</i> , 2021, 17, e2007523.	10.0	93
45	Fe-Based Catalysts for the Direct Photohydrogenation of CO ₂ to Value-Added Hydrocarbons. <i>Advanced Energy Materials</i> , 2021, 11, 2002783.	19.5	90
46	Triphase Photocatalytic CO ₂ Reduction over Silver-Decorated Titanium Oxide at a Gas–Water Boundary. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	88
47	Integrated analysis of single-cell RNA-seq and bulk RNA-seq unravels tumour heterogeneity plus M2-like tumour-associated macrophage infiltration and aggressiveness in TNBC. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 189-202.	4.2	82
48	Strain Engineering: A Boosting Strategy for Photocatalysis. <i>Advanced Materials</i> , 2022, 34, e2200868.	21.0	82
49	Highly accessible and dense surface single metal FeN ₄ active sites for promoting the oxygen reduction reaction. <i>Energy and Environmental Science</i> , 2022, 15, 2619-2628.	30.8	82
50	Carbon Dots as New Building Blocks for Electrochemical Energy Storage and Electrocatalysis. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	81
51	Facile synthesis of ultrathin SnNb ₂ O ₆ nanosheets towards improved visible-light photocatalytic H ₂ -production activity. <i>Chemical Communications</i> , 2016, 52, 8239-8242.	4.1	79
52	Ultrafine monolayer Co-containing layered double hydroxide nanosheets for water oxidation. <i>Journal of Energy Chemistry</i> , 2019, 34, 57-63.	12.9	78
53	Recent Advancements of Porphyrin-Like Single-Atom Catalysts: Synthesis and Applications. <i>Small Structures</i> , 2021, 2, 2100007.	12.0	77
54	Fe–CeO ₂ nanocomposites: an efficient and highly selective catalyst system for photothermal CO ₂ reduction to CO. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	76

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55	Photothermal-Assisted Triphase Photocatalysis Over a Multifunctional Bilayer Paper. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22963-22969.	13.8	76
56	Subsurface oxygen defects electronically interacting with active sites on In ₂ O ₃ for enhanced photothermocatalytic CO ₂ reduction. <i>Nature Communications</i> , 2022, 13, .	12.8	70
57	Photothermal hydrocarbon synthesis using alumina-supported cobalt metal nanoparticle catalysts derived from layered-double-hydroxide nanosheets. <i>Nano Energy</i> , 2019, 60, 467-475.	16.0	67
58	Revealing Ammonia Quantification Minefield in Photo/Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21728-21731.	13.8	63
59	Ni-based catalysts derived from layered-double-hydroxide nanosheets for efficient photothermal CO ₂ reduction under flow-type system. <i>Nano Research</i> , 2021, 14, 4828-4832.	10.4	62
60	How to make use of methanol in green catalytic hydrogen production?. <i>Nano Select</i> , 2020, 1, 12-29.	3.7	60
61	Evolution of thiolate-stabilized Ag nanoclusters from Ag-thiolate cluster intermediates. <i>Nature Communications</i> , 2018, 9, 2379.	12.8	60
62	A novel 4-gene signature for overall survival prediction in lung adenocarcinoma patients with lymph node metastasis. <i>Cancer Cell International</i> , 2019, 19, 100.	4.1	59
63	Recent advances in niobium-based semiconductors for solar hydrogen production. <i>Coordination Chemistry Reviews</i> , 2020, 419, 213399.	18.8	57
64	Prognostic and Predictive Value of Three DNA Methylation Signatures in Lung Adenocarcinoma. <i>Frontiers in Genetics</i> , 2019, 10, 349.	2.3	56
65	Manganese Oxide Modified Nickel Catalysts for Photothermal CO Hydrogenation to Light Olefins. <i>Advanced Energy Materials</i> , 2020, 10, 1902860.	19.5	56
66	Wettability controlled photocatalytic reactive oxygen generation and <i>Klebsiella pneumoniae</i> inactivation over triphase systems. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118518.	20.2	52
67	Two-dimensional Sn ₂ Ta ₂ O ₇ nanosheets as efficient visible light-driven photocatalysts for hydrogen evolution. <i>Rare Metals</i> , 2019, 38, 397-403.	7.1	49
68	Hollow PtFe Alloy Nanoparticles Derived from Pt ₃ O ₄ Dimers through a Silica-Protection Reduction Strategy as Efficient Oxygen Reduction Electrocatalysts. <i>Chemistry - A European Journal</i> , 2020, 26, 4090-4096.	3.3	49
69	Identification and validation of hypoxia-derived gene signatures to predict clinical outcomes and therapeutic responses in stage I lung adenocarcinoma patients. <i>Theranostics</i> , 2021, 11, 5061-5076.	10.0	48
70	pH-Responsive reversible self-assembly of gold nanoparticles into nanovesicles. <i>Nanoscale</i> , 2016, 8, 3923-3925.	5.6	45
71	Carbon Nanosheets: Nitrogen-Doped Porous Carbon Nanosheets Templated from g-C ₃ N ₄ as Metal-Free Electrocatalysts for Efficient Oxygen Reduction Reaction (<i>Adv. Mater.</i> 25/2016). <i>Advanced Materials</i> , 2016, 28, 5140-5140.	21.0	44
72	Dual Hypoxia-Targeting RNAi Nanomedicine for Precision Cancer Therapy. <i>Nano Letters</i> , 2020, 20, 4857-4863.	9.1	42

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73	Titanium-Supported Ni ₂ P/Ni Catalysts for Selective Solar-Driven CO Hydrogenation. <i>Advanced Materials</i> , 2021, 33, e2103248.	21.0	41
74	Low GAS5 Levels as a Predictor of Poor Survival in Patients with Lower-Grade Gliomas. <i>Journal of Oncology</i> , 2019, 2019, 1-15.	1.3	40
75	Rationally Designed Ni ²⁺ /Ni ₃ S ₂ Interfaces for Efficient Overall Water Electrolysis. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100078.	5.8	40
76	Development and validation of a hypoxia-related gene signature to predict overall survival in early-stage lung adenocarcinoma patients. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592093790.	3.2	39
77	Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag ₂ S Quantum Dots from Silver Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14952-14957.	13.8	38
78	Reversible isomerization of metal nanoclusters induced by intermolecular interaction. <i>CheM</i> , 2021, 7, 2227-2244.	11.7	38
79	A Photochemical Route towards Metal Sulfide Nanosheets from Layered Metal Thiolate Complexes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8443-8447.	13.8	37
80	Radiotherapy of oligometastatic prostate cancer: a systematic review. <i>Radiation Oncology</i> , 2021, 16, 50.	2.7	37
81	Vertical graphene array for efficient electrocatalytic reduction of oxygen to hydrogen peroxide. <i>Nano Energy</i> , 2022, 96, 107046.	16.0	37
82	Mast cell-based molecular subtypes and signature associated with clinical outcome in early-stage lung adenocarcinoma. <i>Molecular Oncology</i> , 2020, 14, 917-932.	4.6	36
83	Immune Landscape of Invasive Ductal Carcinoma Tumor Microenvironment Identifies a Prognostic and Immunotherapeutically Relevant Gene Signature. <i>Frontiers in Oncology</i> , 2019, 9, 903.	2.8	35
84	Enhancing the Supply of Activated Hydrogen to Promote Photocatalytic Nitrogen Fixation. , 2021, 3, 1521-1527.		35
85	NiFe Nanoalloys Derived from Layered Double Hydroxides for Photothermal Synergistic Reforming of CH ₄ with CO ₂ . <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	35
86	Photothermal-Assisted Photocatalytic Nitrogen Oxidation to Nitric Acid on Palladium-Decorated Titanium Oxide. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	34
87	Progress and Prospect of Photothermal Catalysis. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 723-734.	2.6	34
88	Triphase Photocatalytic CO ₂ Reduction over Silver-Decorated Titanium Oxide at a Gas-Water Boundary. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	33
89	Von Sonnenlicht zu Brennstoffen: aktuelle Fortschritte der C ₁ -Solarchemie. <i>Angewandte Chemie</i> , 2019, 131, 17690-17715.	2.0	31
90	A Sustainable Strategy for the Synthesis of Pyrochlore H ₄ Nb ₂ O ₇ Hollow Microspheres as Photocatalysts for Overall Water Splitting. <i>ChemPlusChem</i> , 2017, 82, 181-185.	2.8	30

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91	Light-Driven Hydrogen Production from Steam Methane Reforming via Bimetallic PdNi Catalysts Derived from Layered Double Hydroxide Nanosheets. <i>Energy & Fuels</i> , 2022, 36, 11627-11635.	5.1	28
92	Characterization of immune landscape in papillary thyroid cancer reveals distinct tumor immunogenicity and implications for immunotherapy. <i>Oncolmunology</i> , 2021, 10, e1964189.	4.6	24
93	Nanocrystals@Hollow Mesoporous Silica Reverse-Bumpy-Ball Structure Nanoreactors by a Versatile Microemulsion-Templated Approach. <i>Small Methods</i> , 2018, 2, 1800105.	8.6	23
94	Three Phase Interface Engineering for Advanced Catalytic Applications. <i>ACS Applied Energy Materials</i> , 2021, 4, 1045-1052.	5.1	22
95	Interfacial wettability and mass transfer characterizations for gas-liquid-solid triphase catalysis. <i>Exploration</i> , 2022, 2, .	11.0	21
96	Immune landscape and a novel immunotherapy-related gene signature associated with clinical outcome in early-stage lung adenocarcinoma. <i>Journal of Molecular Medicine</i> , 2020, 98, 805-818.	3.9	19
97	Preferentially released miR-122 from cyclodextrin-based star copolymer nanoparticle enhances hepatoma chemotherapy by apoptosis induction and cytotoxics efflux inhibition. <i>Bioactive Materials</i> , 2021, 6, 3744-3755.	15.6	18
98	Photodriven CO ₂ Hydrogenation into Diverse Products: Recent Progress and Perspective. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5291-5303.	4.6	18
99	Two-step hydrothermal synthesis of Sn ₂ Nb ₂ O ₇ nanocrystals with enhanced visible-light-driven H ₂ evolution activity. <i>Chinese Journal of Catalysis</i> , 2018, 39, 395-400.	14.0	17
100	Meiotic nuclear divisions 1 (MND1) fuels cell cycle progression by activating a KLF6/E2F1 positive feedback loop in lung adenocarcinoma. <i>Cancer Communications</i> , 2021, 41, 492-510.	9.2	17
101	Outcomes of metastasis-directed therapy of bone oligometastatic prostate cancer. <i>Radiation Oncology</i> , 2021, 16, 125.	2.7	17
102	High-Efficiency Oxygen Reduction to Hydrogen Peroxide Catalyzed by Nickel Single-Atom Catalysts with Tetradentate N ₂ O ₂ Coordination in a Three-Phase Flow Cell. <i>Angewandte Chemie</i> , 2020, 132, 13157-13162.	2.0	16
103	Development of a membrane lipid metabolism-based signature to predict overall survival for personalized medicine in ccRCC patients. <i>EPMA Journal</i> , 2019, 10, 383-393.	6.1	14
104	Sub-3 nm Ultrafine Cu ₂ O for Visible Light Driven Nitrogen Fixation. <i>Angewandte Chemie</i> , 2021, 133, 2584-2590.	2.0	13
105	Photothermal-Assisted Triphase Photocatalysis Over a Multifunctional Bilayer Paper. <i>Angewandte Chemie</i> , 2021, 133, 23145-23151.	2.0	12
106	Efficient photocatalytic aerobic oxidation of bisphenol A via gas-liquid-solid triphase interfaces. <i>Materials Today Energy</i> , 2022, 23, 100908.	4.7	12
107	Nanostructured Photothermal Materials for Environmental and Catalytic Applications. <i>Molecules</i> , 2021, 26, 7552.	3.8	12
108	Layered Double Hydroxide Engineering for the Photocatalytic Conversion of Inactive Carbon and Nitrogen Molecules. <i>ACS ES&T Engineering</i> , 2022, 2, 1088-1102.	7.6	12

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109	Carbon Nanoframes: Well-Dispersed ZIF-Derived Co,Ni-Codoped Carbon Nanoframes through Mesoporous-Silica-Protected Calcination as Efficient Oxygen Reduction Electrocatalysts (Adv. Mater.) Tj ETQq12h0784314 rgBT /Ov	21.0	10
110	Photocatalysis: Alkali-Assisted Synthesis of Nitrogen Deficient Graphitic Carbon Nitride with Tunable Band Structures for Efficient Visible-Light-Driven Hydrogen Evolution (Adv. Mater. 16/2017). Advanced Materials, 2017, 29, .	21.0	10
111	Synergistic effect of triphase interface and fluid control for efficient photosynthesis of residue-free H ₂ O ₂ . Applied Catalysis B: Environmental, 2022, 317, 121731.	20.2	10
112	MLKL promotes cellular differentiation in myeloid leukemia by facilitating the release of G-CSF. Cell Death and Differentiation, 2021, 28, 3235-3250.	11.2	9
113	Establishment and Validation of an Individualized Cell Cycle Process-Related Gene Signature to Predict Cancer-Specific Survival in Patients with Bladder Cancer. Cancers, 2020, 12, 1146.	3.7	8
114	Revealing Ammonia Quantification Minefield in Photo/Electrocatalysis. Angewandte Chemie, 2021, 133, 21896-21899.	2.0	8
115	Flux-Assisted Low Temperature Synthesis of SnNb ₂ O ₆ Nanoplates with Enhanced Visible Light Driven Photocatalytic H ₂ -Production. Journal of Physical Chemistry C, 2021, 125, 23219-23225.	3.1	8
116	Atom manufacturing of photocatalyst towards solar CO ₂ reduction. Reports on Progress in Physics, 2022, 85, 026501.	20.1	8
117	Inferring electromagnetic ion cyclotron wave intensity from low altitude POES proton flux measurements: A detailed case study with conjugate Van Allen Probes observations. Advances in Space Research, 2017, 59, 1568-1576.	2.6	7
118	Electrochemical urea production directly from N ₂ and CO ₂ in ambient aqueous media. Science China Chemistry, 2020, 63, 1580-1581.	8.2	7
119	Water Splitting: Defect-Engineered Ultrathin MnO ₂ Nanosheet Arrays as Bifunctional Electrodes for Efficient Overall Water Splitting (Adv. Energy Mater. 18/2017). Advanced Energy Materials, 2017, 7, .	19.5	6
120	Photothermal Catalysis: Co-Based Catalysts Derived from Layered-Double-Hydroxide Nanosheets for the Photothermal Production of Light Olefins (Adv. Mater. 31/2018). Advanced Materials, 2018, 30, 1870230.	21.0	6
121	Three-phase electrochemistry for green ethylene production. Current Opinion in Electrochemistry, 2021, 30, 100789.	4.8	6
122	Phototherapy: Metal-Organic-Framework-Derived Mesoporous Carbon Nanospheres Containing Porphyrin-Like Metal Centers for Conformal Phototherapy (Adv. Mater. 38/2016). Advanced Materials, 2016, 28, 8318-8318.	21.0	5
123	Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag ₂ S Quantum Dots from Silver Nanoparticles. Angewandte Chemie, 2016, 128, 15176-15181.	2.0	5
124	Zinc-Air Batteries: NiFe Layered Double Hydroxide Nanoparticles on Co,Ni-Codoped Carbon Nanoframes as Efficient Bifunctional Catalysts for Rechargeable Zinc-Air Batteries (Adv. Energy Mater. 21/2017). Advanced Energy Materials, 2017, 7, .	19.5	5
125	A Photochemical Route towards Metal Sulfide Nanosheets from Layered Metal Thiolate Complexes. Angewandte Chemie, 2019, 131, 8531-8535.	2.0	5
126	Water Splitting: Ni ₃ FeN Nanoparticles Derived from Ultrathin NiFe-Layered Double Hydroxide Nanosheets: An Efficient Overall Water Splitting Electrocatalyst (Adv. Energy Mater.) Tj ETQq0 0 0 rgBT /Ov	19.0	40

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127	Revealing active sites in N-doped carbon for CO ₂ electroreduction by well-defined molecular model catalysts. <i>Science Bulletin</i> , 2020, 65, 781-782.	9.0	4
128	Research Progress on Triphase Interface Electrocatalytic Carbon Dioxide Reduction. <i>Acta Chimica Sinica</i> , 2021, 79, 369.	1.4	4
129	Photothermal CO ₂ Hydrogenation: Alumina-Supported CoFe Alloy Catalysts Derived from Layered Double Hydroxide Nanosheets for Efficient Photothermal CO ₂ Hydrogenation to Hydrocarbons (<i>Adv. Mater.</i> 3/2018). <i>Advanced Materials</i> , 2018, 30, 1870015.	21.0	3
130	Tumor microenvironment characterization in head and neck squamous carcinoma reveals distinct genomic alterations and clinical outcomes. <i>Clinical and Translational Medicine</i> , 2020, 10, e187.	4.0	2
131	Single-atom Ni integrated gas diffusion electrode for high performance carbon dioxide electroreduction. <i>Science Bulletin</i> , 2020, 65, 696-697.	9.0	2
132	Photothermal methane coupling into liquid fuels with hydrogen evolution over nanocatalysts based on layered double hydroxide (LDH). <i>Nanotechnology</i> , 2022, 33, 185401.	2.6	1
133	Frontispiz: Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag ₂ S Quantum Dots from Silver Nanoparticles. <i>Angewandte Chemie</i> , 2016, 128, .	2.0	0
134	Frontispiece: Thiolate-Mediated Photoinduced Synthesis of Ultrafine Ag ₂ S Quantum Dots from Silver Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	0
135	Cell cycle progression score as a predictive biomarker for overall survival in patients with adrenocortical carcinoma. <i>Clinical and Translational Medicine</i> , 2020, 10, e138.	4.0	0