

Yifu Yu

List of Publications by Year in descending order

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121
papers

15,780
citations

22099

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126
docs citations

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times ranked

15209
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#	ARTICLE	IF	CITATIONS
1	2D Transitionâ€Metalâ€Dichalcogenideâ€Nanosheetâ€Based Composites for Photocatalytic and Electrocatalytic Hydrogen Evolution Reactions. <i>Advanced Materials</i> , 2016, 28, 1917-1933.	11.1	1,214
2	Ultrathin 2D Metalâ€Organic Framework Nanosheets. <i>Advanced Materials</i> , 2015, 27, 7372-7378.	11.1	943
3	Single-Atom Au/NiFe Layered Double Hydroxide Electrocatalyst: Probing the Origin of Activity for Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2018, 140, 3876-3879.	6.6	817
4	Unveiling the Activity Origin of a Copperâ€Based Electrocatalyst for Selective Nitrate Reduction to Ammonia. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5350-5354.	7.2	760
5	High phase-purity 1Tâ€ ² -MoS ₂ - and 1Tâ€ ² -MoSe ₂ -layered crystals. <i>Nature Chemistry</i> , 2018, 10, 638-643.	6.6	757
6	Synthesis of Two-Dimensional CoS _{1.097} /Nitrogen-Doped Carbon Nanocomposites Using Metalâ€Organic Framework Nanosheets as Precursors for Supercapacitor Application. <i>Journal of the American Chemical Society</i> , 2016, 138, 6924-6927.	6.6	591
7	Boosting Selective Nitrate Electroreduction to Ammonium by Constructing Oxygen Vacancies in TiO ₂ . <i>ACS Catalysis</i> , 2020, 10, 3533-3540.	5.5	481
8	Nitrate electroreduction: mechanism insight, <i>in situ</i> characterization, performance evaluation, and challenges. <i>Chemical Society Reviews</i> , 2021, 50, 6720-6733.	18.7	481
9	Bioinspired Design of Ultrathin 2D Bimetallic Metalâ€Organicâ€Framework Nanosheets Used as Biomimetic Enzymes. <i>Advanced Materials</i> , 2016, 28, 4149-4155.	11.1	440
10	Recent advances in non-noble metal electrocatalysts for nitrate reduction. <i>Chemical Engineering Journal</i> , 2021, 403, 126269.	6.6	375
11	Electrochemical synthesis of nitric acid from air and ammonia through waste utilization. <i>National Science Review</i> , 2019, 6, 730-738.	4.6	296
12	Carbonâ€Based Functional Materials Derived from Waste for Water Remediation and Energy Storage. <i>Advanced Materials</i> , 2017, 29, 1605361.	11.1	293
13	Recent advances in nanostructured transition metal phosphides: synthesis and energy-related applications. <i>Energy and Environmental Science</i> , 2020, 13, 4564-4582.	15.6	268
14	Photoluminescence and photocatalysis of the flower-like nano-ZnO photocatalysts prepared by a facile hydrothermal method with or without ultrasonic assistance. <i>Applied Catalysis B: Environmental</i> , 2011, 105, 335-345.	10.8	253
15	Sub-1.1 nm ultrathin porous CoP nanosheets with dominant reactive {200} facets: a high mass activity and efficient electrocatalyst for the hydrogen evolution reaction. <i>Chemical Science</i> , 2017, 8, 2769-2775.	3.7	243
16	Anchoring CoO Domains on CoSe ₂ Nanobelts as Bifunctional Electrocatalysts for Overall Water Splitting in Neutral Media. <i>Advanced Science</i> , 2016, 3, 1500426.	5.6	236
17	MOFâ€Based Hierarchical Structures for Solarâ€Thermal Clean Water Production. <i>Advanced Materials</i> , 2019, 31, e1808249.	11.1	233
18	Unveiling the In Situ Dissolution and Polymerization of Mo in Ni ₄ Mo Alloy for Promoting the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7051-7055.	7.2	228

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19	Crystal phase-based epitaxial growth of hybrid noble metal nanostructures on 4H/fcc Au nanowires. <i>Nature Chemistry</i> , 2018, 10, 456-461.	6.6	220
20	Engineering Sulfur Defects, Atomic Thickness, and Porous Structures into Cobalt Sulfide Nanosheets for Efficient Electrocatalytic Alkaline Hydrogen Evolution. <i>ACS Catalysis</i> , 2018, 8, 8077-8083.	5.5	219
21	Nanoporous Single-Crystal-Like Cd _{1-x} Zn _x S Nanosheets Fabricated by the Cation-Exchange Reaction of Inorganic-Organic Hybrid ZnS-Amine with Cadmium Ions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 897-900.	7.2	212
22	Synergetic Transformation of Solid Inorganic-Organic Hybrids into Advanced Nanomaterials for Catalytic Water Splitting. <i>Accounts of Chemical Research</i> , 2018, 51, 1711-1721.	7.6	196
23	Oxygen Vacancy Engineering in Photocatalysis. <i>Solar Rrl</i> , 2020, 4, 2000037.	3.1	196
24	Integrating Hydrogen Production with Aqueous Selective Semi-Dehydrogenation of Tetrahydroisoquinolines over a Ni ₂ P Bifunctional Electrode. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12014-12017.	7.2	189
25	Understanding the Nature of Ammonia Treatment to Synthesize Oxygen Vacancy-Enriched Transition Metal Oxides. <i>CheM</i> , 2019, 5, 376-389.	5.8	171
26	Promoting selective electroreduction of nitrates to ammonia over electron-deficient Co modulated by rectifying Schottky contacts. <i>Science China Chemistry</i> , 2020, 63, 1469-1476.	4.2	155
27	Cu ₂ O Nanocrystals: Surfactant-Free Room-Temperature Morphology-Modulated Synthesis and Shape-Dependent Heterogeneous Organic Catalytic Activities. <i>Journal of Physical Chemistry C</i> , 2011, 115, 15288-15296.	1.5	152
28	Hydrogen evolution activity enhancement by tuning the oxygen vacancies in self-supported mesoporous spinel oxide nanowire arrays. <i>Nano Research</i> , 2018, 11, 603-613.	5.8	152
29	Integrating Hydrogen Production with Aqueous Selective Semi-Dehydrogenation of Tetrahydroisoquinolines over a Ni ₂ P Bifunctional Electrode. <i>Angewandte Chemie</i> , 2019, 131, 12142-12145.	1.6	138
30	Structurally Disordered RuO ₂ Nanosheets with Rich Oxygen Vacancies for Enhanced Nitrate Electroreduction to Ammonia. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	135
31	One-step synthesis, characterizations and mechanistic study of nanosheets-constructed fluffy ZnO and Ag/ZnO spheres used for Rhodamine B photodegradation. <i>Applied Catalysis B: Environmental</i> , 2010, 100, 491-501.	10.8	132
32	Unveiling hydrocerussite as an electrochemically stable active phase for efficient carbon dioxide electroreduction to formate. <i>Nature Communications</i> , 2020, 11, 3415.	5.8	121
33	Metastable 1T ⁻² -phase group VIB transition metal dichalcogenide crystals. <i>Nature Materials</i> , 2021, 20, 1113-1120.	13.3	119
34	Edge Epitaxy of Two-Dimensional MoSe ₂ and MoS ₂ Nanosheets on One-Dimensional Nanowires. <i>Journal of the American Chemical Society</i> , 2017, 139, 8653-8660.	6.6	118
35	Boosting Photoelectrochemical Water Oxidation Activity and Stability of Mo-Doped BiVO ₄ through the Uniform Assembly Coating of NiFe-Phenolic Networks. <i>ACS Energy Letters</i> , 2018, 3, 1648-1654.	8.8	116
36	Electrosynthesis of Nitrate via the Oxidation of Nitrogen on Tensile-Strained Palladium Porous Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4474-4478.	7.2	116

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37	Preparation of Superhydrophilic and Underwater Superoleophobic Nanofiber-Based Meshes from Waste Glass for Multifunctional Oil/Water Separation. <i>Small</i> , 2017, 13, 1700391.	5.2	111
38	Engineering Oxygen Vacancies into LaCoO ₃ Perovskite for Efficient Electrocatalytic Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2906-2910.	3.2	110
39	Synthesis of Hollow Cd _x Zn _{1-x} Se Nanoframes through the Selective Cation Exchange of Inorganic-Organic Hybrid ZnSe-Amine Nanoflakes with Cadmium Ions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3211-3215.	7.2	109
40	Superficial Hydroxyl and Amino Groups Synergistically Active Polymeric Carbon Nitride for CO ₂ Electroreduction. <i>ACS Catalysis</i> , 2019, 9, 10983-10989.	5.5	105
41	Direct Electrosynthesis of Urea from Carbon Dioxide and Nitric Oxide. <i>ACS Energy Letters</i> , 2022, 7, 284-291.	8.8	105
42	Plasma-Assisted Synthesis of NiSe ₂ Ultrathin Porous Nanosheets with Selenium Vacancies for Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41861-41865.	4.0	104
43	Promoted self-construction of NiOOH in amorphous high entropy electrocatalysts for the oxygen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2022, 301, 120764.	10.8	103
44	In Situ Synthesis of Metal Sulfide Nanoparticles Based on 2D Metal-Organic Framework Nanosheets. <i>Small</i> , 2016, 12, 4669-4674.	5.2	101
45	Selenium vacancy-rich CoSe ₂ ultrathin nanomeshes with abundant active sites for electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2536-2540.	5.2	99
46	Electrosynthesis of urea from nitrite and CO ₂ over oxygen vacancy-rich ZnO porous nanosheets. <i>Cell Reports Physical Science</i> , 2021, 2, 100378.	2.8	95
47	Efficient Electrosynthesis of Syngas with Tunable CO/H ₂ Ratios over Zn _x Cd _{1-x} S-Amine Inorganic-Organic Hybrids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18908-18912.	7.2	94
48	Unveiling the Activity Origin of a Copper-Based Electrocatalyst for Selective Nitrate Reduction to Ammonia. <i>Angewandte Chemie</i> , 2020, 132, 5388-5392.	1.6	92
49	Amorphous nanomaterials in electrocatalytic water splitting. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1287-1296.	6.9	92
50	Cu clusters/TiO ₂ with abundant oxygen vacancies for enhanced electrocatalytic nitrate reduction to ammonia. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6448-6453.	5.2	91
51	Thermally-assisted photocatalytic CO ₂ reduction to fuels. <i>Chemical Engineering Journal</i> , 2021, 408, 127280.	6.6	90
52	Oxide-Derived Core-Shell Cu@Zn Nanowires for Urea Electrosynthesis from Carbon Dioxide and Nitrate in Water. <i>ACS Nano</i> , 2022, 16, 9095-9104.	7.3	86
53	Promoting nitric oxide electroreduction to ammonia over electron-rich Cu modulated by Ru doping. <i>Science China Chemistry</i> , 2021, 64, 1493-1497.	4.2	83
54	Recent advances in electrocatalytic nitrite reduction. <i>Chemical Communications</i> , 2022, 58, 2777-2787.	2.2	83

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55	Converting copper sulfide to copper with surface sulfur for electrocatalytic alkyne semi-hydrogenation with water. <i>Nature Communications</i> , 2021, 12, 3881.	5.8	77
56	Electrocatalytic Reduction of Low-Concentration Nitric Oxide into Ammonia over Ru Nanosheets. <i>ACS Energy Letters</i> , 2022, 7, 1187-1194.	8.8	68
57	Unveiling the Activity Origin of Iron Nitride as Catalytic Material for Efficient Hydrogenation of CO ₂ to C ₂₊ Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4496-4500.	7.2	67
58	Self-template synthesis of double-layered porous nanotubes with spatially separated photoredox surfaces for efficient photocatalytic hydrogen production. <i>Science Bulletin</i> , 2018, 63, 601-608.	4.3	65
59	Integrated selective nitrite reduction to ammonia with tetrahydroisoquinoline semi-dehydrogenation over a vacancy-rich Ni bifunctional electrode. <i>Journal of Materials Chemistry A</i> , 2021, 9, 239-243.	5.2	65
60	Electrocatalytic Reduction of CO ₂ to Ethanol at Close to Theoretical Potential via Engineering Abundant Electron-Donating Cu ⁺ Species. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	64
61	Photogenerated Carriers Boost Water Splitting Activity over Transition-Metal/Semiconducting Metal Oxide Bifunctional Electrocatalysts. <i>ACS Catalysis</i> , 2017, 7, 6464-6470.	5.5	62
62	Thermally assisted photocatalytic conversion of CO ₂ to H ₂ O over carbon doped In ₂ S ₃ nanosheets. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10175-10179.	5.2	61
63	Enhancing Electrocatalytic Water Splitting Activities via Photothermal Effect over Bifunctional Nickel/Reduced Graphene Oxide Nanosheets. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3710-3714.	3.2	59
64	Design of continuous built-in band bending in self-supported CdS nanorod-based hierarchical architecture for efficient photoelectrochemical hydrogen production. <i>Nano Energy</i> , 2018, 43, 236-243.	8.2	58
65	Promoting charge carrier utilization by integrating layered double hydroxide nanosheet arrays with porous BiVO ₄ photoanode for efficient photoelectrochemical water splitting. <i>Science China Materials</i> , 2017, 60, 193-207.	3.5	57
66	Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 578-581.	7.2	57
67	Ru-Doped Pd Nanoparticles for Nitrogen Electrooxidation to Nitrate. <i>ACS Catalysis</i> , 2021, 11, 14032-14037.	5.5	56
68	Domain-Confined Multiple Collision Enhanced Catalytic Soot Combustion over a Fe ₂ O ₃ /TiO ₂ Nanotube Array Catalyst Prepared by Light-Assisted Cyclic Magnetic Adsorption. <i>ACS Catalysis</i> , 2014, 4, 934-941.	5.5	55
69	In-Plane Anisotropic Properties of 1T-MoS ₂ Layers. <i>Advanced Materials</i> , 2019, 31, e1807764.	11.1	55
70	Self-template synthesis of hierarchically structured Co ₃ O ₄ @NiO bifunctional electrodes for selective nitrate reduction and tetrahydroisoquinolines semi-dehydrogenation. <i>Science China Materials</i> , 2020, 63, 2530-2538.	3.5	54
71	Electrocatalytic construction of the C-N bond from the derivatives of CO ₂ and N ₂ . <i>Science China Chemistry</i> , 2022, 65, 204-206.	4.2	54
72	N-doped graphene wrapped hexagonal metallic cobalt hierarchical nanosheet as a highly efficient water oxidation electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8897-8902.	5.2	50

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73	Optimization Strategies for Selective CO ₂ Electroreduction to Fuels. Transactions of Tianjin University, 2021, 27, 180-200.	3.3	50
74	Photocatalytic hydrogen evolution on graphene quantum dots anchored TiO ₂ nanotubes-array. International Journal of Hydrogen Energy, 2013, 38, 12266-12272.	3.8	49
75	Adjusting the electronic structure by Ni incorporation: a generalized in situ electrochemical strategy to enhance water oxidation activity of oxyhydroxides. Journal of Materials Chemistry A, 2017, 5, 13336-13340.	5.2	49
76	Photothermally assisted photocatalytic conversion of CO ₂ to H ₂ O into fuels over a W/Ni-WO ₃ Z-scheme heterostructure. Journal of Materials Chemistry A, 2020, 8, 1077-1083.	5.2	48
77	Electrochemical Synthesis of Nitric Acid from Nitrogen Oxidation. Angewandte Chemie - International Edition, 2022, 61, .	7.2	47
78	Selectivity Origin of Organic Electrosynthesis Controlled by Electrode Materials: A Case Study on Pinacols. ACS Catalysis, 2021, 11, 8958-8967.	5.5	45
79	Integrating photocatalytic reduction of CO ₂ with selective oxidation of tetrahydroisoquinoline over InP-In ₂ O ₃ Z-scheme p-n junction. Science China Chemistry, 2020, 63, 28-34.	4.2	43
80	Catalytic Role of Metal Nanoparticles in Selectivity Control over Photodehydrogenative Coupling of Primary Amines to Imines and Secondary Amines. ACS Catalysis, 2021, 11, 6656-6661.	5.5	43
81	Conversion of Sb ₂ Te ₃ Hexagonal Nanoplates into Three-Dimensional Porous Single-Crystal-Like Network-Structured Te Plates Using Oxygen and Tartaric Acid. Angewandte Chemie - International Edition, 2012, 51, 1459-1463.	7.2	42
82	Electrosynthesis of Syngas via the Co-Reduction of CO ₂ and H ₂ O. Cell Reports Physical Science, 2020, 1, 100237.	2.8	42
83	Engineering Nitrogen Vacancy in Polymeric Carbon Nitride for Nitrate Electroreduction to Ammonia. ACS Applied Materials & Interfaces, 2021, 13, 54967-54973.	4.0	42
84	CdSe (CdTe) core-shell quantum dots sensitized TiO ₂ nanotube array solar cells. Solar Energy Materials and Solar Cells, 2015, 132, 650-654.	3.0	38
85	Self-Constructed Multiple Plasmonic Hotspots on an Individual Fractal to Amplify Broadband Hot Electron Generation. ACS Nano, 2021, 15, 10553-10564.	7.3	37
86	Temperature-regulated reversible transformation of spinel-to-oxyhydroxide active species for electrocatalytic water oxidation. Journal of Materials Chemistry A, 2020, 8, 1631-1635.	5.2	33
87	Sulfate-Enabled Nitrate Synthesis from Nitrogen Electrooxidation on a Rhodium Electrocatalyst. Angewandte Chemie - International Edition, 2022, 61, .	7.2	30
88	The monolithic lawn-like CuO-based nanorods array used for diesel soot combustion under gravitational contact mode. Nanoscale, 2013, 5, 904-909.	2.8	29
89	Electrosynthesis of Nitrate via the Oxidation of Nitrogen on Tensile-Strained Palladium Porous Nanosheets. Angewandte Chemie, 2021, 133, 4524-4528.	1.6	28
90	Domain-confined catalytic soot combustion over Co ₃ O ₄ anchored on a TiO ₂ nanotube array catalyst prepared by mercaptoacetic acid induced surface-grafting. Nanoscale, 2013, 5, 12144.	2.8	26

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91	Synergism of interparticle electrostatic repulsion modulation and heat-induced fusion: a generalized one-step approach to porous network-like noble metals and their alloy nanostructures. <i>Journal of Materials Chemistry</i> , 2012, 22, 349-354.	6.7	25
92	Structurally Disordered RuO ₂ Nanosheets with Rich Oxygen Vacancies for Enhanced Nitrate Electroreduction to Ammonia. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	25
93	A nitrogen fixation strategy to synthesize NO via the thermally assisted photocatalytic conversion of air. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19623-19630.	5.2	24
94	Photocatalytic Deuteration of Halides Using D ₂ O over CdSe Porous Nanosheets: A Mild and Controllable Route to Deuterated Molecules. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5590-5592.	7.2	22
95	Boosting Electrocatalytic Hydrogen-Evolving Activity of Co/CoO Heterostructured Nanosheets via Coupling Photogenerated Carriers with Photothermy. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11206-11210.	3.2	22
96	Highly efficient NO _x purification in alternating lean/rich atmospheres over non-platinic mesoporous perovskite-based catalyst K/LaCoO ₃ . <i>Catalysis Science and Technology</i> , 2013, 3, 1915.	2.1	20
97	Preparation, formation mechanism and photocatalysis of ultrathin mesoporous single-crystal-like CeO ₂ nanosheets. <i>Dalton Transactions</i> , 2013, 42, 12087.	1.6	20
98	Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie</i> , 2017, 129, 593-596.	1.6	18
99	Membrane-free selective oxidation of thioethers with water over a nickel phosphide nanocube electrode. <i>Cell Reports Physical Science</i> , 2021, 2, 100462.	2.8	18
100	Atomically Dispersed Ru-Decorated TiO ₂ Nanosheets for Thermally Assisted Solar-Driven Nitrogen Oxidation into Nitric Oxide. <i>CCS Chemistry</i> , 2022, 4, 1208-1216.	4.6	17
101	Mechanistic insight into the controlled synthesis of metal phosphide catalysts from annealing of metal oxides with sodium hypophosphite. <i>Nano Research</i> , 2022, 15, 10134-10141.	5.8	15
102	Controlled synthesis of hierarchically crossed metal oxide nanosheet arrays for diesel soot elimination. <i>Chemical Communications</i> , 2017, 53, 8517-8520.	2.2	13
103	Converting inorganic-organic hybrid sulfides into oxides: A general strategy to hierarchical-porous-structured thermal-stable metal oxides with improved catalytic performance. <i>Journal of Materials Chemistry</i> , 2011, 21, 10525.	6.7	12
104	Effects of Synthesis Routes on the States and Catalytic Performance of Manganese Oxides Used for Diesel Soot Combustion. <i>Catalysis Letters</i> , 2014, 144, 1210-1218.	1.4	12
105	Photoinduced H ₂ Heterolysis to Form Mo ₂ NH _x Active Species for CO ₂ Reduction. <i>ACS Energy Letters</i> , 2021, 6, 2024-2029.	8.8	12
106	Recent advances in soot combustion catalysts with designed micro-structures. <i>Chinese Chemical Letters</i> , 2022, 33, 1763-1771.	4.8	12
107	Electrocatalytic Reduction of CO ₂ to Ethanol at Close to Theoretical Potential via Engineering Abundant Electron-Donating Cu ⁺ Species. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	12
108	Water-dispersible Hollow Microporous Organic Network Spheres as Substrate for Electroless Deposition of Ultrafine Pd Nanoparticles with High Catalytic Activity and Recyclability. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3178-3182.	1.7	11

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109	Unveiling the Activity Origin of Iron Nitride as Catalytic Material for Efficient Hydrogenation of CO ₂ to C ₂₊ Hydrocarbons. <i>Angewandte Chemie</i> , 2021, 133, 4546-4550.	1.6	11
110	CuOx clusters decorated TiO ₂ for photocatalytic oxidation of nitrogen in air into nitric oxide under ambient conditions. <i>Journal of Catalysis</i> , 2022, 409, 70-77.	3.1	9
111	Sulfate-Enabled Nitrate Synthesis from Nitrogen Electrooxidation on a Rhodium Electrocatalyst. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	9
112	Solid-State Conversion Synthesis of Advanced Electrocatalysts for Water Splitting. <i>Chemistry - A European Journal</i> , 2020, 26, 3961-3972.	1.7	8
113	Reduced Graphene Oxide/Carbon Fiber Composite Membrane for Self-floating Solar-thermal Steam Production. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 699-702.	1.3	8
114	Efficient Electrosynthesis of Syngas with Tunable CO/H ₂ Ratios over Zn _x Cd _{1-x} S-Amine Inorganic-Organic Hybrids. <i>Angewandte Chemie</i> , 2019, 131, 19084-19088.	1.6	7
115	A General Method for the Synthesis of Hybrid Nanostructures Using MoSe ₂ Nanosheet-Assembled Nanospheres as Templates. <i>Research</i> , 2019, 2019, 6439734.	2.8	7
116	Electrochemical Synthesis of Nitric Acid from Nitrogen Oxidation. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
117	Metamorphosis-like photochemical growth route for silver nanoprisms synthesis via the unrevealed key intermediates of nanorods and nanotrapezoids. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	3
118	MnO ₂ -Mediated Synthesis of Mn ₃ O ₄ @CaMn ₇ O ₁₂ Core@Shell Nanorods for Electrocatalytic Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2019, 6, 618-622.	1.7	3
119	Preparation of hierarchical hollow structures assembled from porous NiCo ₂ O ₄ nanosheets for diesel soot elimination. <i>EcoMat</i> , 2020, 2, e12041.	6.8	2
120	Synthesis and characterization of size controlled alloy nanoparticles. <i>Physical Sciences Reviews</i> , 2020, 5, .	0.8	1
121	Titelbild: Nanoporous Single-Crystal-Like CdxZn1-xS Nanosheets Fabricated by the Cation-Exchange Reaction of Inorganic-Organic Hybrid ZnS-Amine with Cadmium Ions (<i>Angew. Chem.</i> 4/2012). <i>Angewandte Chemie</i> , 2012, 124, 849-849.	1.6	0