

# Xuping Sun

## List of Publications by Year in descending order

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140  
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1080

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800  
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#	ARTICLE	IF	CITATIONS
1	Carbon Oxyanion Self-Transformation on NiFe Oxalates Enables Long-Term Ampere-Level Current Density Seawater Oxidation. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.8	40
2	Carbon Oxyanion Self-Transformation on NiFe Oxalates Enables Long-Term Ampere-Level Current Density Seawater Oxidation. <i>Angewandte Chemie</i> , 2024, 136, .	2.1	1
3	ZnFe <sub>2</sub> O <sub>4</sub> nanosheet array: a highly efficient electrocatalyst for ambient ammonia production via nitrite reduction. <i>Catalysis Science and Technology</i> , 2024, 14, 57-61.	4.2	1
4	Recent advances of bifunctional electrocatalysts and electrolyzers for overall seawater splitting. <i>Journal of Materials Chemistry A</i> , 2024, 12, 634-656.	10.5	28
5	Three-dimensional porous NiCoP foam enabled high-performance overall seawater splitting at high current density. <i>Journal of Materials Chemistry A</i> , 2024, 12, 2680-2684.	10.5	7
6	QUIN 2.0 - new release of the QUaternary fault strain INDicators database from the Southern Apennines of Italy. <i>Scientific Data</i> , 2024, 11, .	5.4	2
7	Electrocatalytic synthesis of C-N coupling compounds from CO <sub>2</sub> and nitrogenous species. <i>SusMat</i> , 2024, 4, .	16.1	13
8	La doping greatly enhances electrochemical alkaline seawater oxidation over Ni(OH) <sub>2</sub> nanosheet. <i>Catalysis Science and Technology</i> , 2024, 14, 2717-2721.	4.2	1
9	Co nanoparticle-decorated radix cynanchi daniculati-derived carbon for efficient electrocatalytic nitrite reduction to ammonia. <i>Catalysis Science and Technology</i> , 2024, 14, 3007-3011.	4.2	0
10	Significantly enhanced ion-migration and sodium-storage capability derived by strongly coupled dual interfacial engineering in heterogeneous bimetallic sulfides with densified carbon matrix. <i>SusMat</i> , 2024, 4, .	16.1	4
11	Design of a Disinformation Awareness Digital Game. <i>European Conference on Social Media</i> , 2024, 11, 127-136.	0.1	0
12	Turkey vultures defy thin air by flying faster. <i>Journal of Experimental Biology</i> , 2024, 227, .	1.7	0
13	High-efficiency overall alkaline seawater splitting: using a nickel-iron sulfide nanosheet array as a bifunctional electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2023, 11, 1116-1122.	10.5	159
14	Redox mediators promote electrochemical oxidation of nitric oxide toward ambient nitrate synthesis. <i>Journal of Materials Chemistry A</i> , 2023, 11, 1098-1107.	10.5	16
15	A natural juncus-derived three-dimensional interconnected tubular carbon network decorated with tiny solid-solution metal sulfide nanoparticles achieves efficient sodium storage. <i>Journal of Materials Chemistry A</i> , 2023, 11, 2431-2442.	10.5	27
16	High-efficiency electrosynthesis of ammonia with selective reduction of nitrite over an Ag nanoparticle-decorated TiO <sub>2</sub> nanoribbon array. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 1431-1435.	6.0	43
17	High-efficiency electroreduction of nitrite to ammonia on a Cu@TiO <sub>2</sub> nanobelt array. <i>Chemical Communications</i> , 2023, 59, 1625-1628.	4.2	37
18	Integrating RuO <sub>2</sub> @TiO <sub>2</sub> catalyzed electrochemical chlorine evolution with a NO oxidation reaction for nitrate synthesis. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 2100-2106.	6.0	22

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19	Highly efficient and stable oxygen evolution from seawater enabled by a hierarchical NiMoS <sub>4</sub> microcolumn@NiFe-layered double hydroxide nanosheet array. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 2766-2775.	6.0	85
20	Designing electrocatalysts for seawater splitting: surface/interface engineering toward enhanced electrocatalytic performance. <i>Green Chemistry</i> , 2023, 25, 3767-3790.	9.4	29
21	Recent progress and strategies on the design of catalysts for electrochemical ammonia synthesis from nitrate reduction. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 3489-3514.	6.0	100
22	NiWO <sub>4</sub> nanoparticles with oxygen vacancies: high-efficiency electrosynthesis of ammonia with selective reduction of nitrite. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 3909-3915.	6.0	17
23	Condensed-Phase Molecular Representation to Link Structure and Thermodynamics in Molecular Dynamics. <i>Journal of Chemical Theory and Computation</i> , 2023, 19, 4770-4779.	5.6	2
24	Three-dimensional porous Co foam with nanosheets subunits for high-performance electrocatalytic nitrate-to-ammonia conversion. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 4450-4455.	6.0	21
25	Advances in the application of manganese dioxide and its composites for theranostics. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 4918-4942.	6.0	1
26	Chromium doping enabled improvement in alkaline seawater oxidation over cobalt carbonate hydroxide nanowire array. <i>Chemical Communications</i> , 2023, 59, 9750-9753.	4.2	9
27	A brush-like Cu <sub>2</sub> O@CoO core-shell nanoarray: an efficient bifunctional electrocatalyst for overall seawater splitting. <i>Chemical Communications</i> , 2023, 59, 10303-10306.	4.2	10
28	3D cauliflower-like Ni foam: a high-efficiency electrocatalyst for ammonia production via nitrite reduction. <i>Chemical Communications</i> , 2023, 59, 10805-10808.	4.2	4
29	Hierarchical Co <sub>2</sub> @NiFe-LDH as an efficient electrocatalyst for alkaline seawater oxidation. <i>Chemical Communications</i> , 2023, 59, 11244-11247.	4.2	11
30	Fe <sub>3</sub> O <sub>4</sub> nanoparticle-decorated 3D pinewood-derived carbon for high-efficiency electrochemical nitrate reduction to ammonia. <i>Chemical Communications</i> , 2023, 59, 12322-12325.	4.2	4
31	Shifting the O <sub>2</sub> reduction pathway from H <sub>2</sub> O to H <sub>2</sub> O <sub>2</sub> via in situ reconstruction of Ti <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Journal of Materials Chemistry A</i> , 2023, 11, 22154-22160.	10.5	15
32	Improving the intrinsic electronic conductivity of NiMoO <sub>4</sub> anodes by phosphorous doping for high lithium storage. <i>Nano Research</i> , 2022, 15, 186-194.	10.6	108
33	N-doped carbon nanotubes supported CoSe <sub>2</sub> nanoparticles: A highly efficient and stable catalyst for H <sub>2</sub> O <sub>2</sub> electrosynthesis in acidic media. <i>Nano Research</i> , 2022, 15, 304-309.	10.6	108
34	Ambient ammonia production via electrocatalytic nitrite reduction catalyzed by a CoP nanoarray. <i>Nano Research</i> , 2022, 15, 972-977.	10.6	115
35	Enhancing electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> fixation by suppressing hydrogen evolution with alkylthiols modified Fe <sub>3</sub> P nanoarrays. <i>Nano Research</i> , 2022, 15, 1039-1046.	10.6	80
36	Ni <sub>2</sub> P nanosheet array for high-efficiency electrohydrogenation of nitrite to ammonia at ambient conditions. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1055-1063.	9.6	72

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37	CoFe-LDH nanowire arrays on graphite felt: A high-performance oxygen evolution electrocatalyst in alkaline media. <i>Chinese Chemical Letters</i> , 2022, 33, 890-892.	9.1	119
38	MnO <sub>2</sub> nanoarray with oxygen vacancies: An efficient catalyst for NO electroreduction to NH <sub>3</sub> at ambient conditions. <i>Materials Today Physics</i> , 2022, 22, 100586.	6.3	58
39	Recent advances in MoS <sub>2</sub> -based materials for electrocatalysis. <i>Chemical Communications</i> , 2022, 58, 2259-2278.	4.2	38
40	Electrocatalysis enabled transformation of earth-abundant water, nitrogen and carbon dioxide for a sustainable future. <i>Materials Advances</i> , 2022, 3, 1359-1400.	5.2	21
41	Polyrrole-encapsulated Cu <sub>2</sub> Se nanosheets in situ grown on Cu mesh for high stability sodium-ion battery anode. <i>Chemical Engineering Journal</i> , 2022, 433, 134477.	13.0	84
42	Biomass <i>Juncus</i> derived carbon decorated with cobalt nanoparticles enables high-efficiency ammonia electrosynthesis by nitrite reduction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2842-2848.	10.5	54
43	High-efficiency ammonia electrosynthesis via selective reduction of nitrate on ZnCo <sub>2</sub> O <sub>4</sub> nanosheet array. <i>Materials Today Physics</i> , 2022, 23, 100619.	6.3	81
44	A gradient hexagonal-prism Fe <sub>3</sub> Se <sub>4</sub> @SiO <sub>2</sub> @C configuration as a highly reversible sodium conversion anode. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4087-4099.	10.5	51
45	Bi nanodendrites for highly efficient electrocatalytic NO reduction to NH <sub>3</sub> at ambient conditions. <i>Materials Today Physics</i> , 2022, 22, 100611.	6.3	39
46	Boosting electrochemical nitrite-to-ammonia conversion properties by a Cu foam@Cu <sub>2</sub> O catalyst. <i>Chemical Communications</i> , 2022, 58, 517-520.	4.2	42
47	Highly efficient two-electron electroreduction of oxygen into hydrogen peroxide over Cu-doped TiO <sub>2</sub> . <i>Nano Research</i> , 2022, 15, 3880-3885.	10.6	45
48	Superior hydrogen evolution electrocatalysis enabled by CoP nanowire array on graphite felt. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 3580-3586.	7.2	108
49	Iron-doped cobalt oxide nanoarray for efficient electrocatalytic nitrate-to-ammonia conversion. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 636-642.	9.6	83
50	Efficient nitric oxide electroreduction toward ambient ammonia synthesis catalyzed by a CoP nanoarray. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1366-1372.	6.0	66
51	High-efficiency ammonia electrosynthesis on self-supported Co <sub>2</sub> AlO <sub>4</sub> nanoarray in neutral media by selective reduction of nitrate. <i>Chemical Engineering Journal</i> , 2022, 435, 135104.	13.0	84
52	In situ grown Fe <sub>3</sub> O <sub>4</sub> particle on stainless steel: A highly efficient electrocatalyst for nitrate reduction to ammonia. <i>Nano Research</i> , 2022, 15, 3050-3055.	10.6	121
53	A 3D FeOOH nanotube array: an efficient catalyst for ammonia electrosynthesis by nitrite reduction. <i>Chemical Communications</i> , 2022, 58, 5160-5163.	4.2	28
54	Co@NCNT nanohybrid as a highly active catalyst for the electroreduction of nitrate to ammonia. <i>Chemical Communications</i> , 2022, 58, 3787-3790.	4.2	17

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55	Ambient electrochemical N <sub>2</sub> -to-NH <sub>3</sub> conversion catalyzed by TiO <sub>2</sub> -decorated juncus effusus-derived carbon microtubes. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1514-1519.	6.0	112
56	Co nanoparticle-decorated pomelo-peel-derived carbon enabled high-efficiency electrocatalytic nitrate reduction to ammonia. <i>Chemical Communications</i> , 2022, 58, 4259-4262.	4.2	45
57	A TiO <sub>2</sub> nanobelt array with oxygen vacancies: an efficient electrocatalyst toward nitrite conversion to ammonia. <i>Chemical Communications</i> , 2022, 58, 3669-3672.	4.2	61
58	Electrocatalytic two-electron oxygen reduction over nitrogen doped hollow carbon nanospheres. <i>Chemical Communications</i> , 2022, 58, 5025-5028.	4.2	20
59	A FeCo <sub>2</sub> O <sub>4</sub> nanowire array enabled electrochemical nitrate conversion to ammonia. <i>Chemical Communications</i> , 2022, 58, 4480-4483.	4.2	40
60	Coupling denitrification and ammonia synthesis <i>via</i> selective electrochemical reduction of nitric oxide over Fe <sub>2</sub> O <sub>3</sub> nanorods. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6454-6462.	10.5	62
61	FeP nanorod array: A high-efficiency catalyst for electroreduction of NO to NH <sub>3</sub> under ambient conditions. <i>Nano Research</i> , 2022, 15, 4008-4013.	10.6	68
62	Bi nanoparticles/carbon nanosheet composite: A high-efficiency electrocatalyst for NO reduction to NH <sub>3</sub> . <i>Nano Research</i> , 2022, 15, 5032-5037.	10.6	37
63	Three Cases of Transtracheal Catheter Oxygenation for Postoperative Dyspnoea with Pituitary-Dependent Hyperadrenocorticism in Dogs Treated by Surgery. <i>Case Reports in Veterinary Medicine</i> , 2022, 2022, 1-5.	0.2	0
64	Amorphous Boron Carbide on Titanium Dioxide Nanobelt Arrays for High-Efficiency Electrocatalytic NO Reduction to NH <sub>3</sub> . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	141
65	High-dimensional causal mediation analysis based on partial linear structural equation models. <i>Computational Statistics and Data Analysis</i> , 2022, 174, 107501.	1.3	5
66	High-efficiency NO electroreduction to NH <sub>3</sub> over honeycomb carbon nanofiber at ambient conditions. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 261-267.	9.6	26
67	CoO nanoparticle decorated N-doped carbon nanotubes: a high-efficiency catalyst for nitrate reduction to ammonia. <i>Chemical Communications</i> , 2022, 58, 5901-5904.	4.2	31
68	Ni(OH) <sub>2</sub> nanoparticles encapsulated in conductive nanowire array for high-performance alkaline seawater oxidation. <i>Nano Research</i> , 2022, 15, 6084-6090.	10.6	113
69	Nitrite reduction over Ag nanoarray electrocatalyst for ammonia synthesis. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 513-519.	9.6	87
70	AC magnetic field enhancement oxygen evolution reaction of bimetallic metal-organic framework. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 18675-18687.	7.2	6
71	ITO@TiO <sub>2</sub> nanoarray: An efficient and robust nitrite reduction reaction electrocatalyst toward NH <sub>3</sub> production under ambient conditions. <i>EScience</i> , 2022, 2, 382-388.	42.6	99
72	Cu nanoparticles decorated juncus-derived carbon for efficient electrocatalytic nitrite-to-ammonia conversion. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 394-399.	9.6	47

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73	Ambient N <sub>2</sub> -to-NH <sub>3</sub> fixation over a CeO <sub>2</sub> nanoparticle decorated three-dimensional carbon skeleton. Sustainable Energy and Fuels, 2022, 6, 3344-3348.	4.8	53
74	High-performance electrochemical nitrate reduction to ammonia under ambient conditions using NiFe <sub>2</sub> O <sub>4</sub> nanosheet arrays. Inorganic Chemistry Frontiers, 2022, 9, 3392-3397.	6.0	29
75	Enhanced N <sub>2</sub> -to-NH <sub>3</sub> conversion efficiency on Cu <sub>3</sub> P nanoribbon electrocatalyst. Nano Research, 2022, 15, 7134-7138.	10.6	84
76	Multi-layered g-C <sub>3</sub> N <sub>4</sub> as a Fluorescent Probe for Hg <sup>2+</sup> Detection. Journal of Fluorescence, 2022, 32, 1755-1759.	2.6	5
77	Plasma-etched Ti <sub>2</sub> O <sub>3</sub> with oxygen vacancies for enhanced NH <sub>3</sub> electrosynthesis and Zn-N <sub>2</sub> batteries. Inorganic Chemistry Frontiers, 2022, 9, 4608-4613.	6.0	110
78	Enhanced electrocatalytic nitrate reduction to ammonia using plasma-induced oxygen vacancies in CoTiO <sub>3</sub> nanofiber. Carbon Neutralization, 2022, 1, 6-13.	5.6	16
79	An exquisite branch-leaf shaped metal sulfoselenide composite endowing an ultrastable sodium-storage lifespan over 10 <sup>5</sup> cycles. Journal of Materials Chemistry A, 2022, 10, 16962-16975.	10.5	33
80	Amorphous CoB nanoarray as a high-efficiency electrocatalyst for nitrite reduction to ammonia. Inorganic Chemistry Frontiers, 2022, 9, 6075-6079.	6.0	36
81	Aliovalent doping engineering enables multiple modulations of FeS <sub>2</sub> anodes to achieve fast and durable sodium storage. Journal of Materials Chemistry A, 2022, 10, 21149-21160.	10.5	28
82	Epoxidation of olefins enabled by an electro-organic system. Green Chemistry, 2022, 24, 8264-8269.	9.4	12
83	Ni nanoparticle-decorated biomass carbon for efficient electrocatalytic nitrite reduction to ammonia. Nanoscale, 2022, 14, 13073-13077.	5.8	16
84	Ultrathin single-crystal PtSe <sub>2</sub> nanosheets for high-efficiency O <sub>2</sub> electroreduction to H <sub>2</sub> O <sub>2</sub> . Chemical Communications, 2022, 58, 10683-10686.	4.2	10
85	Greatly enhanced electrochemical nitrate-to-ammonia conversion over an Fe-doped TiO <sub>2</sub> nanoribbon array. Green Chemistry, 2022, 24, 7913-7917.	9.4	22
86	Oxygen vacancies in Co <sub>3</sub> O <sub>4</sub> nanoarrays promote nitrate electroreduction for ammonia synthesis. Sustainable Energy and Fuels, 2022, 6, 4130-4136.	4.8	93
87	Enhanced electrocatalytic nitrite reduction to ammonia over P-doped TiO <sub>2</sub> nanobelt array. Journal of Materials Chemistry A, 2022, 10, 23494-23498.	10.5	36
88	RuO <sub>2</sub> nanoparticle-decorated TiO <sub>2</sub> nanobelt array as a highly efficient electrocatalyst for the hydrogen evolution reaction at all pH values. Inorganic Chemistry Frontiers, 2022, 9, 6602-6607.	6.0	102
89	CoS <sub>2</sub> @TiO <sub>2</sub> nanoarray: a heterostructured electrocatalyst for high-efficiency nitrate reduction to ammonia. Chemical Communications, 2022, 58, 12995-12998.	4.2	16
90	Direct eight-electron NO <sub>3</sub> <sup>-</sup> -to-NH <sub>3</sub> conversion: using a Co-doped TiO <sub>2</sub> nanoribbon array as a high-efficiency electrocatalyst. Inorganic Chemistry Frontiers, 2022, 9, 6412-6417.	6.0	13

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91	FeS <sub>2</sub> @TiO <sub>2</sub> nanobelt array enabled high-efficiency electrocatalytic nitrate reduction to ammonia. <i>Journal of Materials Chemistry A</i> , 2022, 10, 24462-24467.	10.5	37
92	WO <sub>2</sub> nanoparticles with oxygen vacancies: a high-efficiency electrocatalyst for the conversion of nitrite to ammonia. <i>Journal of Materials Chemistry A</i> , 2022, 10, 24969-24974.	10.5	25
93	Co/N-doped carbon nanospheres derived from an adenine-based metal organic framework enabled high-efficiency electrocatalytic nitrate reduction to ammonia. <i>Chemical Communications</i> , 2022, 58, 13459-13462.	4.2	19
94	Accurate Determination of Colorectal Polyp Counts Is Not Mission Impossible for Pathologists and Is Essential for Surveillance Interval Decision-Making: A Review of 1294 Specimens. <i>American Journal of Clinical Pathology</i> , 2022, 158, S63-S64.	0.7	0
95	Recent Advances in 1D Electrospun Nanocatalysts for Electrochemical Water Splitting. <i>Small Structures</i> , 2021, 2, 2000048.	13.2	168
96	Electrophysiologically verified effects of acupuncture on diabetic peripheral neuropathy in type 2 diabetes: The randomized, partially double-blind, controlled ACUDIN trial. <i>Journal of Diabetes</i> , 2021, 13, 469-481.	1.8	24
97	Facilitating active species by decorating CeO <sub>2</sub> on Ni <sub>3</sub> S <sub>2</sub> nanosheets for efficient water oxidation electrocatalysis. <i>Chinese Journal of Catalysis</i> , 2021, 42, 482-489.	14.6	68
98	Recent advances in lithium-based batteries using metal organic frameworks as electrode materials. <i>Electrochemistry Communications</i> , 2021, 122, 106881.	4.8	83
99	Commercial indium-tin oxide glass: A catalyst electrode for efficient N <sub>2</sub> reduction at ambient conditions. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1024-1029.	14.6	60
100	A magnetron sputtered Mo <sub>3</sub> Si thin film: an efficient electrocatalyst for N <sub>2</sub> reduction under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 884-888.	10.5	73
101	Iron-group electrocatalysts for ambient nitrogen reduction reaction in aqueous media. <i>Nano Research</i> , 2021, 14, 555-569.	10.6	144
102	Plant Pathogen Co-evolution in Rice Crop. , 2021, , 297-314.		0
103	One-dimensional conductive metal-organic framework nanorods: a highly selective electrocatalyst for the oxygen reduction to hydrogen peroxide. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20345-20349.	10.5	40
104	Hexagonal boron nitride nanosheet as an effective nanoquencher for the fluorescence detection of microRNA. <i>Chemical Communications</i> , 2021, 57, 8039-8042.	4.2	26
105	From immune to olfactory expression: neofunctionalization of formyl peptide receptors. <i>Cell and Tissue Research</i> , 2021, 383, 387-393.	3.0	8
106	Magnetron sputtering enabled sustainable synthesis of nanomaterials for energy electrocatalysis. <i>Green Chemistry</i> , 2021, 23, 2834-2867.	9.4	108
107	Risk factors for antimony treatment failure in American Cutaneous Leishmaniasis in Northwestern-Argentina. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009003.	2.4	6
108	CuS concave polyhedral superstructures enabled efficient N <sub>2</sub> electroreduction to NH <sub>3</sub> at ambient conditions. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3105-3110.	6.0	58

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109	CoTe nanoparticle-embedded N-doped hollow carbon polyhedron: an efficient catalyst for H <sub>2</sub> O <sub>2</sub> electroynthesis in acidic media. Journal of Materials Chemistry A, 2021, 9, 21703-21707.	10.5	36
110	High-efficiency nitrate electroreduction to ammonia on electrodeposited cobalt-phosphorus alloy film. Chemical Communications, 2021, 57, 9720-9723.	4.2	65
111	Self-supported Ni <sub>3</sub> S <sub>2</sub> @Ni <sub>2</sub> P/MoS <sub>2</sub> heterostructures on nickel foam for an outstanding oxygen evolution reaction and efficient overall water splitting. Dalton Transactions, 2021, 50, 15094-15102.	3.4	29
112	Recent advances in perovskite oxides as electrode materials for supercapacitors. Chemical Communications, 2021, 57, 2343-2355.	4.2	166
113	Cu <sub>2</sub> Sb decorated Cu nanowire arrays for selective electrocatalytic CO <sub>2</sub> to CO conversion. Nano Research, 2021, 14, 2831-2836.	10.6	78
114	Progress and perspective of metal phosphide/carbon heterostructure anodes for rechargeable ion batteries. Journal of Materials Chemistry A, 2021, 9, 11879-11907.	10.5	117
115	Electrochemical nitrogen reduction: recent progress and prospects. Chemical Communications, 2021, 57, 7335-7349.	4.2	87
116	A-site perovskite oxides: an emerging functional material for electrocatalysis and photocatalysis. Journal of Materials Chemistry A, 2021, 9, 6650-6670.	10.5	171
117	A Non-Probiotic Fermented Soy Product Reduces Total and LDL Cholesterol: A Randomized Controlled Crossover Trial. Nutrients, 2021, 13, 535.	4.2	12
118	Heterogeneity within and between physician-diagnosed asthma and/or COPD: NOVELTY cohort. European Respiratory Journal, 2021, 58, 2003927.	7.5	47
119	Multifaceted Mechanisms of Action of Metformin Which Have Been Unraveled One after Another in the Long History. International Journal of Molecular Sciences, 2021, 22, 2596.	4.2	39
120	TuYou-County Pediatric Eye (TYPE) study, design issues, baseline demographic characteristics, and implications. Medicine (United States), 2021, 100, e24670.	1.1	2
121	Assessment of anammox, microalgae and white-rot fungi-based processes for the treatment of textile wastewater. PLoS ONE, 2021, 16, e0247452.	2.5	9
122	Honeycomb Carbon Nanofibers: A Superhydrophilic O <sub>2</sub> -Entrapping Electrocatalyst Enables Ultrahigh Mass Activity for the Two-Electron Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2021, 60, 10583-10587.	14.8	250
123	Clinical Trial in a Dish. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1019-1031.	4.7	25
124	2021 Roadmap: electrocatalysts for green catalytic processes. JPhys Materials, 2021, 4, 022004.	4.3	70
125	TiB <sub>2</sub> thin film enabled efficient NH <sub>3</sub> electroynthesis at ambient conditions. Materials Today Physics, 2021, 18, 100396.	6.3	57
126	Co-MOF Nanosheet Arrays for Efficient Alkaline Oxygen Evolution Electrocatalysis. ChemNanoMat, 2021, 7, 906-909.	2.9	41



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127	Early liver transplantation for corticosteroid non-responders with acute severe autoimmune hepatitis: The SURFASA score. <i>Journal of Hepatology</i> , 2021, 74, 1325-1334.	3.9	33
128	Design of Vacuum Post-Drying Procedures for Electrodes of Lithium-Ion Batteries. <i>Batteries and Supercaps</i> , 2021, 4, 1499-1515.	5.0	13
129	Social-Ecological Predictors of Opioid Use Among Adolescents With Histories of Substance Use Disorders. <i>Frontiers in Psychology</i> , 2021, 12, 686414.	2.3	10
130	Slavery in Northern Europe (Scandinavia and Iceland) and the British Isles, 500-1420. , 2021, , 482-507.		14
131	Conditional generative adversarial network driven approach for direct prediction of thermal stress based on two-phase material SEM images. <i>Ceramics International</i> , 2021, 47, 34115-34126.	4.9	11
132	High-Performance Electrochemical NO Reduction into NH <sub>3</sub> by MoS <sub>2</sub> Nanosheet. <i>Angewandte Chemie</i> , 2021, 133, 25467-25472.	2.1	134
133	High-Performance Electrochemical NO Reduction into NH <sub>3</sub> by MoS <sub>2</sub> Nanosheet. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25263-25268.	14.8	216
134	Non-Hodgkin Lymphoma: Examining Mycosis Fungoides and SÅ©zary Syndrome in the Context of Oncology Nursing. <i>Clinical Journal of Oncology Nursing</i> , 2021, 25, 555-562.	0.6	1
135	Recent advances in strategies for highly selective electrocatalytic N <sub>2</sub> reduction toward ambient NH <sub>3</sub> synthesis. <i>Current Opinion in Electrochemistry</i> , 2021, 29, 100766.	5.2	158
136	Reduced graphene oxide supported ZIF-67 derived CoP enables high-performance potassium ion storage. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 319-326.	9.6	34
137	An amorphous WC thin film enabled high-efficiency N <sub>2</sub> reduction electrocatalysis under ambient conditions. <i>Chemical Communications</i> , 2021, 57, 7806-7809.	4.2	50
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273	PdP <sub>2</sub> nanoparticles@reduced graphene oxide for electrocatalytic N <sub>2</sub> conversion to NH <sub>3</sub> under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24760-24764.	10.5	85
274	Co-MOF nanosheet array: A high-performance electrochemical sensor for non-enzymatic glucose detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 278, 126-132.	8.0	282
275	La <sub>2</sub> O <sub>3</sub> nanoplate: An efficient electrocatalyst for artificial N <sub>2</sub> fixation to NH <sub>3</sub> with excellent selectivity at ambient condition. <i>Electrochimica Acta</i> , 2019, 298, 106-111.	5.4	40
276	High-Performance N <sub>2</sub> -to-NH <sub>3</sub> Conversion Electrocatalyzed by Mo <sub>2</sub> C Nanorod. <i>ACS Central Science</i> , 2019, 5, 116-121.	12.3	301
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284	Electrocatalytic N <sub>2</sub> Fixation over Hollow VO <sub>2</sub> Microspheres at Ambient Conditions. <i>ChemElectroChem</i> , 2019, 6, 1014-1018.	3.5	61
285	Enabling the electrocatalytic fixation of N <sub>2</sub> to NH <sub>3</sub> by C-doped TiO <sub>2</sub> nanoparticles under ambient conditions. <i>Nanoscale Advances</i> , 2019, 1, 961-964.	4.6	47
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290	Selective retrograde cerebral cooling in complete cerebral circulatory arrest. <i>Brain Circulation</i> , 2019, 5, 234.	1.7	1
291	Directives to Promote Clean Coal Energy in Thailand. <i>The Journal of King Mongkut S University of Technology North Bangkok</i> , 2019, 29, .	0.0	0
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299	Iodide-derived nanostructured silver promotes selective and efficient carbon dioxide conversion into carbon monoxide. <i>Chemical Communications</i> , 2018, 54, 2666-2669.	4.2	49
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309	Efficient Hydrogen Evolution Electrocatalysis at Alkaline pH by Interface Engineering of Ni <sub>2</sub> P@CeO <sub>2</sub> . <i>Inorganic Chemistry</i> , 2018, 57, 548-552.	4.2	80
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311	Ultrafine PtO <sub>2</sub> nanoparticles coupled with a Co(OH)F nanowire array for enhanced hydrogen evolution. <i>Chemical Communications</i> , 2018, 54, 810-813.	4.2	68
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315	FeMoO <sub>4</sub> nanorod array: a highly active 3D anode for water oxidation under alkaline conditions. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 665-668.	6.0	43
316	Highly-active oxygen evolution electrocatalyzed by an Fe-doped NiCr <sub>2</sub> O <sub>4</sub> nanoparticle film. <i>Chemical Communications</i> , 2018, 54, 5462-5465.	4.2	157
317	Polygenic hazard score to guide screening for aggressive prostate cancer: development and validation in large scale cohorts. <i>BMJ: British Medical Journal</i> , 2018, 360, j5757.	5.6	161
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331	Ambient NH <sub>3</sub> synthesis <i>via</i> electrochemical reduction of N <sub>2</sub> over cubic sub-micron SnO <sub>2</sub> particles. <i>Chemical Communications</i> , 2018, 54, 12966-12969.	4.2	143
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341	Ag nanosheets for efficient electrocatalytic N <sub>2</sub> fixation to NH <sub>3</sub> under ambient conditions. <i>Chemical Communications</i> , 2018, 54, 11427-11430.	4.2	242
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