

Xuping Sun

List of Publications by Year in descending order

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780
papers

75,001
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275

140
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1080

232
g-index

800
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50108
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Supported Nanoporous Cobalt Phosphide Nanowire Arrays: An Efficient 3D Hydrogen-Evolving Cathode over the Wide Range of pH 0–14. <i>Journal of the American Chemical Society</i> , 2014, 136, 7587-7590.	14.6	2,257
2	Recent Progress in Cobalt-Based Heterogeneous Catalysts for Electrochemical Water Splitting. <i>Advanced Materials</i> , 2016, 28, 215-230.	24.3	2,166
3	Hydrothermal Treatment of Grass: A Low-Cost, Green Route to Nitrogen-Doped, Carbon-Rich, Photoluminescent Polymer Nanodots as an Effective Fluorescent Sensing Platform for Label-Free Detection of Cu(II) Ions. <i>Advanced Materials</i> , 2012, 24, 2037-2041.	24.3	1,382
4	Economical, Green Synthesis of Fluorescent Carbon Nanoparticles and Their Use as Probes for Sensitive and Selective Detection of Mercury(II) Ions. <i>Analytical Chemistry</i> , 2012, 84, 5351-5357.	6.8	1,020
5	Carbon Nanotubes Decorated with CoP Nanocrystals: A Highly Active Non-Noble-Metal Nanohybrid Electrocatalyst for Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6710-6714.	14.8	963
6	Fe-Doped CoP Nanoarray: A Monolithic Multifunctional Catalyst for Highly Efficient Hydrogen Generation. <i>Advanced Materials</i> , 2017, 29, 1602441.	24.3	854
7	A Cost-Effective 3D Hydrogen Evolution Cathode with High Catalytic Activity: FeP Nanowire Array as the Active Phase. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12855-12859.	14.8	827
8	Self-Supported Cu ₃ P Nanowire Arrays as an Integrated High-Performance Three-Dimensional Cathode for Generating Hydrogen from Water. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9577-9581.	14.8	793
9	Closely Interconnected Network of Molybdenum Phosphide Nanoparticles: A Highly Efficient Electrocatalyst for Generating Hydrogen from Water. <i>Advanced Materials</i> , 2014, 26, 5702-5707.	24.3	791
10	Electrochemical Ammonia Synthesis via Nitrogen Reduction Reaction on a MoS ₂ Catalyst: Theoretical and Experimental Studies. <i>Advanced Materials</i> , 2018, 30, e1800191.	24.3	742
11	Energy-Saving Electrolytic Hydrogen Generation: Ni ₂ P Nanoarray as a High-Performance Non-Noble-Metal Electrocatalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 842-846.	14.8	730
12	Ternary Fe _x Co _{1-x} P Nanowire Array as a Robust Hydrogen Evolution Reaction Electrocatalyst with Pt-like Activity: Experimental and Theoretical Insight. <i>Nano Letters</i> , 2016, 16, 6617-6621.	9.5	630
13	Enhanced Electrocatalysis for Energy-Efficient Hydrogen Production over CoP Catalyst with Nonelectroactive Zn as a Promoter. <i>Advanced Energy Materials</i> , 2017, 7, 1700020.	22.2	536
14	Phosphorus-Doped Co ₃ O ₄ Nanowire Array: A Highly Efficient Bifunctional Electrocatalyst for Overall Water Splitting. <i>ACS Catalysis</i> , 2018, 8, 2236-2241.	11.7	533
15	Boosted Electrocatalytic N ₂ Reduction to NH ₃ by Defect-Rich MoS ₂ Nanoflower. <i>Advanced Energy Materials</i> , 2018, 8, 1801357.	22.2	508
16	Au-Nanoparticle-Loaded Graphitic Carbon Nitride Nanosheets: Green Photocatalytic Synthesis and Application toward the Degradation of Organic Pollutants. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6815-6819.	8.3	500
17	Mn Doping of CoP Nanosheets Array: An Efficient Electrocatalyst for Hydrogen Evolution Reaction with Enhanced Activity at All pH Values. <i>ACS Catalysis</i> , 2017, 7, 98-102.	11.7	471
18	Ultrathin Graphitic Carbon Nitride Nanosheet: A Highly Efficient Fluorosensor for Rapid, Ultrasensitive Detection of Cu ²⁺ . <i>Analytical Chemistry</i> , 2013, 85, 5595-5599.	6.8	452

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19	Self-Supported FeP Nanorod Arrays: A Cost-Effective 3D Hydrogen Evolution Cathode with High Catalytic Activity. <i>ACS Catalysis</i> , 2014, 4, 4065-4069.	11.7	420
20	NiP ₂ nanosheet arrays supported on carbon cloth: an efficient 3D hydrogen evolution cathode in both acidic and alkaline solutions. <i>Nanoscale</i> , 2014, 6, 13440-13445.	5.8	404
21	The identification of 100 ecological questions of high policy relevance in the UK. <i>Journal of Applied Ecology</i> , 2006, 43, 617-627.	4.0	398
22	NiCo ₂ S ₄ nanowires array as an efficient bifunctional electrocatalyst for full water splitting with superior activity. <i>Nanoscale</i> , 2015, 7, 15122-15126.	5.8	398
23	NiSe Nanowire Film Supported on Nickel Foam: An Efficient and Stable 3D Bifunctional Electrode for Full Water Splitting. <i>Angewandte Chemie</i> , 2015, 127, 9483-9487.	2.1	381
24	Stable Aqueous Dispersion of Graphene Nanosheets: Noncovalent Functionalization by a Polymeric Reducing Agent and Their Subsequent Decoration with Ag Nanoparticles for Enzymeless Hydrogen Peroxide Detection. <i>Macromolecules</i> , 2010, 43, 10078-10083.	5.1	375
25	Electrodeposited Co-doped NiSe ₂ nanoparticles film: a good electrocatalyst for efficient water splitting. <i>Nanoscale</i> , 2016, 8, 3911-3915.	5.8	375
26	Self-Standing CoP Nanosheets Array: A Three-Dimensional Bifunctional Catalyst Electrode for Overall Water Splitting in both Neutral and Alkaline Media. <i>ChemElectroChem</i> , 2017, 4, 1840-1845.	3.5	350
27	Mo ₂ C Nanoparticles Decorated Graphitic Carbon Sheets: Biopolymer-Derived Solid-State Synthesis and Application as an Efficient Electrocatalyst for Hydrogen Generation. <i>ACS Catalysis</i> , 2014, 4, 2658-2661.	11.7	349
28	An amorphous CoSe film behaves as an active and stable full water-splitting electrocatalyst under strongly alkaline conditions. <i>Chemical Communications</i> , 2015, 51, 16683-16686.	4.2	343
29	Ambient N ₂ fixation to NH ₃ at ambient conditions: Using Nb ₂ O ₅ nanofiber as a high-performance electrocatalyst. <i>Nano Energy</i> , 2018, 52, 264-270.	16.5	339
30	Carbon Nanotubes Decorated with CoP Nanocrystals: A Highly Active Non-Noble-Metal Nanohybrid Electrocatalyst for Hydrogen Evolution. <i>Angewandte Chemie</i> , 2014, 126, 6828-6832.	2.1	328
31	Ultrathin graphitic carbon nitride nanosheets: a low-cost, green, and highly efficient electrocatalyst toward the reduction of hydrogen peroxide and its glucose biosensing application. <i>Nanoscale</i> , 2013, 5, 8921.	5.8	327
32	A Zn-doped Ni ₃ S ₂ nanosheet array as a high-performance electrochemical water oxidation catalyst in alkaline solution. <i>Chemical Communications</i> , 2017, 53, 12446-12449.	4.2	321
33	Iron-based phosphides as electrocatalysts for the hydrogen evolution reaction: recent advances and future prospects. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19729-19745.	10.5	318
34	A Fe-doped Ni ₃ S ₂ particle film as a high-efficiency robust oxygen evolution electrode with very high current density. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23207-23212.	10.5	316
35	High-performance urea electrolysis towards less energy-intensive electrochemical hydrogen production using a bifunctional catalyst electrode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3208-3213.	10.5	315
36	A Mn-doped Ni ₂ P nanosheet array: an efficient and durable hydrogen evolution reaction electrocatalyst in alkaline media. <i>Chemical Communications</i> , 2017, 53, 11048-11051.	4.2	313

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37	Ultrathin graphitic carbon nitride nanosheets: a novel peroxidase mimetic, Fe doping-mediated catalytic performance enhancement and application to rapid, highly sensitive optical detection of glucose. <i>Nanoscale</i> , 2013, 5, 11604.	5.8	309
38	In Situ Derived Co ₂ S ₃ Nanoarray: A High Efficiency and Durable 3D Bifunctional Electrocatalyst for Overall Alkaline Water Splitting. <i>Small</i> , 2017, 13, 1700805.	11.2	303
39	A method for the production of reduced graphene oxide using benzylamine as a reducing and stabilizing agent and its subsequent decoration with Ag nanoparticles for enzymeless hydrogen peroxide detection. <i>Carbon</i> , 2011, 49, 3158-3164.	10.7	302
40	Co(OH) ₂ Nanoparticle Encapsulating Conductive Nanowires Array: Room Temperature Electrochemical Preparation for High Performance Water Oxidation Electrocatalysis. <i>Advanced Materials</i> , 2018, 30, 1705366.	24.3	301
41	High-Performance N ₂ -to-NH ₃ Conversion Electrocatalyzed by Mo ₂ C Nanorod. <i>ACS Central Science</i> , 2019, 5, 116-121.	12.3	301
42	Cobalt nitride nanowire array as an efficient electrochemical sensor for glucose and H ₂ O ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1254-1261.	8.0	297
43	Identifying the Origin of Ti ³⁺ Activity toward Enhanced Electrocatalytic N ₂ Reduction over TiO ₂ Nanoparticles Modulated by Mixed Valent Copper. <i>Advanced Materials</i> , 2020, 32, e2000299.	24.3	297
44	Electrochemical N ₂ fixation to NH ₃ under ambient conditions: Mo ₂ N nanorod as a highly efficient and selective catalyst. <i>Chemical Communications</i> , 2018, 54, 8474-8477.	4.2	295
45	Nucleic acid detection using carbon nanoparticles as a fluorescent sensing platform. <i>Chemical Communications</i> , 2011, 47, 961-963.	4.2	291
46	CoP Nanosheet Arrays Supported on a Ti Plate: An Efficient Cathode for Electrochemical Hydrogen Evolution. <i>Chemistry of Materials</i> , 2014, 26, 4326-4329.	7.1	287
47	Co-Doped CuO Nanoarray: An Efficient Oxygen Evolution Reaction Electrocatalyst with Enhanced Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2883-2887.	6.9	283
48	Tungsten Phosphide Nanorod Arrays Directly Grown on Carbon Cloth: A Highly Efficient and Stable Hydrogen Evolution Cathode at All pH Values. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21874-21879.	8.3	282
49	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
50	Ni ₂ P nanoparticle films supported on a Ti plate as an efficient hydrogen evolution cathode. <i>Nanoscale</i> , 2014, 6, 11031-11034.	5.8	279
51	Coordination-Induced Formation of Submicrometer-Scale, Monodisperse, Spherical Colloids of Organic-Inorganic Hybrid Materials at Room Temperature. <i>Journal of the American Chemical Society</i> , 2005, 127, 13102-13103.	14.6	278
52	One-pot green synthesis of Ag nanoparticles-graphene nanocomposites and their applications in SERS, H ₂ O ₂ , and glucose sensing. <i>RSC Advances</i> , 2012, 2, 538-545.	3.7	276
53	Al-Doped CoP nanoarray: a durable water-splitting electrocatalyst with superhigh activity. <i>Nanoscale</i> , 2017, 9, 4793-4800.	5.8	275
54	Biomolecule-Assisted, Environmentally Friendly, One-Pot Synthesis of CuS/Reduced Graphene Oxide Nanocomposites with Enhanced Photocatalytic Performance. <i>Langmuir</i> , 2012, 28, 12893-12900.	3.7	272

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55	Electrochemical non-enzymatic glucose sensors: recent progress and perspectives. <i>Chemical Communications</i> , 2020, 56, 14553-14569.	4.2	272
56	Honeycomb Carbon Nanofibers: A Superhydrophilic O_2 -Entrapping Electrocatalyst Enables Ultrahigh Mass Activity for the Two-Electron Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10583-10587.	14.8	250
57	Design and Application of Foams for Electrocatalysis. <i>ChemCatChem</i> , 2017, 9, 1721-1743.	3.8	248
58	In situ green synthesis of Au nanostructures on graphene oxide and their application for catalytic reduction of 4-nitrophenol. <i>Catalysis Science and Technology</i> , 2011, 1, 1142.	4.2	243
59	Efficient Electrochemical Water Splitting Catalyzed by Electrodeposited Nickel Diselenide Nanoparticles Based Film. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4718-4723.	8.3	243
60	Large-Scale Synthesis of Micrometer-Scale Single-Crystalline Au Plates of Nanometer Thickness by a Wet-Chemical Route. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6360-6363.	14.8	242
61	Hierarchical coral-like NiMoS nano hybrids as highly efficient bifunctional electrocatalysts for overall urea electrolysis. <i>Nano Research</i> , 2018, 11, 988-996.	10.6	242
62	Ag nanosheets for efficient electrocatalytic N_2 fixation to NH_3 under ambient conditions. <i>Chemical Communications</i> , 2018, 54, 11427-11430.	4.2	242
63	$Ti_3C_2T_x$ ($T = F, OH$) MXene nanosheets: conductive 2D catalysts for ambient electrohydrogenation of N_2 to NH_3 . <i>Journal of Materials Chemistry A</i> , 2018, 6, 24031-24035.	10.5	241
64	Aqueous electrocatalytic N_2 reduction for ambient NH_3 synthesis: recent advances in catalyst development and performance improvement. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1545-1556.	10.5	239
65	Three-Dimensional Porous Supramolecular Architecture from Ultrathin $g-C_3N_4$ Nanosheets and Reduced Graphene Oxide: Solution Self-Assembly Construction and Application as a Highly Efficient Metal-Free Electrocatalyst for Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1011-1017.	8.3	238
66	Ultrathin Graphitic C_3N_4 Nanosheets/Graphene Composites: Efficient Organic Electrocatalyst for Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2014, 7, 2125-2130.	7.5	237
67	Microwave-assisted rapid green synthesis of photoluminescent carbon nanodots from flour and their applications for sensitive and selective detection of mercury(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2013, 184, 156-162.	8.0	235
68	High-Efficiency Electrochemical Hydrogen Evolution Catalyzed by Tungsten Phosphide Submicroparticles. <i>ACS Catalysis</i> , 2015, 5, 145-149.	11.7	234
69	CoP nanostructures with different morphologies: synthesis, characterization and a study of their electrocatalytic performance toward the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14634.	10.5	233
70	A porous Ni_3N nanosheet array as a high-performance non-noble-metal catalyst for urea-assisted electrochemical hydrogen production. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1120-1124.	6.0	232
71	Synthesis of functional SiO_2 -coated graphene oxide nanosheets decorated with Ag nanoparticles for H_2O_2 and glucose detection. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4791-4797.	10.4	231
72	A hierarchical $CuO@NiCo$ layered double hydroxide core-shell nanoarray as an efficient electrocatalyst for the oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3049-3054.	6.0	231

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73	Self-supported NiMo hollow nanorod array: an efficient 3D bifunctional catalytic electrode for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20056-20059.	10.5	229
74	Cobalt Phosphide Nanowires: Efficient Nanostructures for Fluorescence Sensing of Biomolecules and Photocatalytic Evolution of Dihydrogen from Water under Visible Light. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5493-5497.	14.8	222
75	Selective phosphidation: an effective strategy toward CoP/CeO ₂ interface engineering for superior alkaline hydrogen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1985-1990.	10.5	220
76	Efficient Electrochemical N ₂ Reduction to NH ₃ on MoN Nanosheets Array under Ambient Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9550-9554.	6.9	217
77	High-Performance Electrochemical NO Reduction into NH ₃ by MoS ₂ Nanosheet. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25263-25268.	14.8	216
78	Electrodeposition of cobalt-sulfide nanosheets film as an efficient electrocatalyst for oxygen evolution reaction. <i>Electrochemistry Communications</i> , 2015, 60, 92-96.	4.8	214
79	Recent Advances in the Development of Water Oxidation Electrocatalysts at Mild pH. <i>Small</i> , 2019, 15, e1805103.	11.2	214
80	Ni ₃ S ₂ coated ZnO array for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2014, 245, 463-467.	8.0	213
81	A self-supported hierarchical Co-MOF as a supercapacitor electrode with ultrahigh areal capacitance and excellent rate performance. <i>Chemical Communications</i> , 2018, 54, 10499-10502.	4.2	212
82	Green, low-cost synthesis of photoluminescent carbon dots by hydrothermal treatment of willow bark and their application as an effective photocatalyst for fabricating Au nanoparticles-reduced graphene oxide nanocomposites for glucose detection. <i>Catalysis Science and Technology</i> , 2013, 3, 1027.	4.2	208
83	A self-standing nanoporous MoP ₂ nanosheet array: an advanced pH-universal catalytic electrode for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7169-7173.	10.5	206
84	MnO ₂ -CoP ₃ nanowires array: An efficient electrocatalyst for alkaline oxygen evolution reaction with enhanced activity. <i>Electrochemistry Communications</i> , 2018, 86, 161-165.	4.8	204
85	Ambient N ₂ fixation to NH ₃ electrocatalyzed by a spinel Fe ₃ O ₄ nanorod. <i>Nanoscale</i> , 2018, 10, 14386-14389.	5.8	204
86	An ultrafine platinum-cobalt alloy decorated cobalt nanowire array with superb activity toward alkaline hydrogen evolution. <i>Nanoscale</i> , 2018, 10, 12302-12307.	5.8	204
87	A general strategy for the production of photoluminescent carbon nitride dots from organic amines and their application as novel peroxidase-like catalysts for colorimetric detection of H ₂ O ₂ and glucose. <i>RSC Advances</i> , 2012, 2, 411-413.	3.7	203
88	In situ formation of a 3D core/shell structured Ni ₃ N@Ni-Bi nanosheet array: an efficient non-noble-metal bifunctional electrocatalyst toward full water splitting under near-neutral conditions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7806-7810.	10.5	199
89	Fe-Doped Ni ₂ P Nanosheet Array for High-Efficiency Electrochemical Water Oxidation. <i>Inorganic Chemistry</i> , 2017, 56, 1041-1044.	4.2	198
90	P-Doped Ag Nanoparticles Embedded in N-Doped Carbon Nanoflake: An Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4499-4503.	6.9	198

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91	Fabrication of hierarchical CoP nanosheet@microwire arrays via space-confined phosphidation toward high-efficiency water oxidation electrocatalysis under alkaline conditions. <i>Nanoscale</i> , 2018, 10, 7941-7945.	5.8	198
92	Iron-doped nickel disulfide nanoarray: A highly efficient and stable electrocatalyst for water splitting. <i>Nano Research</i> , 2016, 9, 3346-3354.	10.6	196
93	Boron Phosphide Nanoparticles: A Nonmetal Catalyst for High-Selectivity Electrochemical Reduction of CO ₂ to CH ₃ OH. <i>Advanced Materials</i> , 2019, 31, e1903499.	24.3	196
94	NiS ₂ nanosheets array grown on carbon cloth as an efficient 3D hydrogen evolution cathode. <i>Electrochimica Acta</i> , 2015, 153, 508-514.	5.4	191
95	A NiCo LDH nanosheet array on graphite felt: an efficient 3D electrocatalyst for the oxygen evolution reaction in alkaline media. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3162-3166.	6.0	191
96	Activated carbon nanotubes: a highly-active metal-free electrocatalyst for hydrogen evolution reaction. <i>Chemical Communications</i> , 2014, 50, 9340-9342.	4.2	188
97	High-performance non-enzymatic glucose detection: using a conductive Ni-MOF as an electrocatalyst. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5411-5415.	5.9	187
98	Recent advances in electrospun nanofibers for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16747-16789.	10.5	184
99	Preparation of photoluminescent carbon nitride dots from CCl ₄ and 1,2-ethylenediamine: a heat-treatment-based strategy. <i>Journal of Materials Chemistry</i> , 2011, 21, 11726.	6.7	183
100	Self-assembled graphene platelet-glucose oxidase nanostructures for glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4491-4496.	10.4	179
101	Synthesis of Au nanoparticles decorated graphene oxide nanosheets: Noncovalent functionalization by TWEEN 20 in situ reduction of aqueous chloraurate ions for hydrazine detection and catalytic reduction of 4-nitrophenol. <i>Journal of Hazardous Materials</i> , 2011, 197, 320-326.	12.6	178
102	CoSe ₂ Nanowires Array as a 3D Electrode for Highly Efficient Electrochemical Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3877-3881.	8.3	178
103	Ag nanoparticles decorated polyaniline nanofibers: synthesis, characterization, and applications toward catalytic reduction of 4-nitrophenol and electrochemical detection of H ₂ O ₂ and glucose. <i>Catalysis Science and Technology</i> , 2012, 2, 800.	4.2	176
104	An amorphous Co-carbonate-hydroxide nanowire array for efficient and durable oxygen evolution reaction in carbonate electrolytes. <i>Nanoscale</i> , 2017, 9, 16612-16615.	5.8	176
105	One-Step Preparation and Characterization of Poly(propyleneimine) Dendrimer-Protected Silver Nanoclusters. <i>Macromolecules</i> , 2004, 37, 7105-7108.	5.1	174
106	Environmentally Friendly, One-Pot Synthesis of Ag Nanoparticle-Decorated Reduced Graphene Oxide Composites and Their Application to Photocurrent Generation. <i>Inorganic Chemistry</i> , 2012, 51, 4742-4746.	4.2	173
107	A Cost-Effective 3D Hydrogen Evolution Cathode with High Catalytic Activity: FeP Nanowire Array as the Active Phase. <i>Angewandte Chemie</i> , 2014, 126, 13069-13073.	2.1	173
108	TiO ₂ nanoparticles-reduced graphene oxide hybrid: an efficient and durable electrocatalyst toward artificial N ₂ fixation to NH ₃ under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17303-17306.	10.5	171

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109	A-site perovskite oxides: an emerging functional material for electrocatalysis and photocatalysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6650-6670.	10.5	171
110	Ni ₃ S ₂ nanosheets array supported on Ni foam: A novel efficient three-dimensional hydrogen-evolving electrocatalyst in both neutral and basic solutions. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 4727-4732.	7.2	169
111	Greatly Enhanced Electrocatalytic N ₂ Reduction on TiO ₂ via V Doping. <i>Small Methods</i> , 2019, 3, 1900356.	9.6	169
112	Self-Supported Cu ₃ P Nanowire Arrays as an Integrated High-Performance Three-Dimensional Cathode for Generating Hydrogen from Water. <i>Angewandte Chemie</i> , 2014, 126, 9731-9735.	2.1	168
113	Recent Advances in 1D Electrospun Nanocatalysts for Electrochemical Water Splitting. <i>Small Structures</i> , 2021, 2, 2000048.	13.2	168
114	High-Yield Synthesis of Large Single-Crystalline Gold Nanoplates through a Polyamine Process. <i>Langmuir</i> , 2005, 21, 4710-4712.	3.7	167
115	One-pot synthesis of CuO nanoflower-decorated reduced graphene oxide and its application to photocatalytic degradation of dyes. <i>Catalysis Science and Technology</i> , 2012, 2, 339-344.	4.2	166
116	FeP Nanoparticles Film Grown on Carbon Cloth: An Ultrahighly Active 3D Hydrogen Evolution Cathode in Both Acidic and Neutral Solutions. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20579-20584.	8.3	166
117	Enhanced electrooxidation of urea using NiMoO ₄ ·xH ₂ O nanosheet arrays on Ni foam as anode. <i>Electrochimica Acta</i> , 2015, 153, 456-460.	5.4	166
118	Recent advances in perovskite oxides as electrode materials for supercapacitors. <i>Chemical Communications</i> , 2021, 57, 2343-2355.	4.2	166
119	Targeted genome modification technologies and their applications in crop improvements. <i>Plant Cell Reports</i> , 2014, 33, 575-583.	5.5	165
120	Recent progress in the electrochemical ammonia synthesis under ambient conditions. <i>EnergyChem</i> , 2019, 1, 100011.	19.9	164
121	Atomic-Layer-Confined Doping for Atomic-Level Insights into Visible-Light Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9266-9270.	14.8	162
122	In-situ Growth of NiSe Nanowire Film on Nickel Foam as an Electrode for High-Performance Supercapacitors. <i>ChemElectroChem</i> , 2015, 2, 1903-1907.	3.5	162
123	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
124	Sulfur-doped graphene for efficient electrocatalytic N ₂ -to-NH ₃ fixation. <i>Chemical Communications</i> , 2019, 55, 3371-3374.	4.2	161
125	Nickel promoted cobalt disulfide nanowire array supported on carbon cloth: An efficient and stable bifunctional electrocatalyst for full water splitting. <i>Electrochemistry Communications</i> , 2016, 63, 60-64.	4.8	159
126	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

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127	Carbon nanoparticle for highly sensitive and selective fluorescent detection of mercury(II) ion in aqueous solution. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4656-4660.	10.4	158
128	Recent advances in strategies for highly selective electrocatalytic N ₂ reduction toward ambient NH ₃ synthesis. <i>Current Opinion in Electrochemistry</i> , 2021, 29, 100766.	5.2	158
129	A Ni-MOF nanosheet array for efficient oxygen evolution electrocatalysis in alkaline media. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3007-3011.	6.0	158
130	Highly-active oxygen evolution electrocatalyzed by an Fe-doped NiCr ₂ O ₄ nanoparticle film. <i>Chemical Communications</i> , 2018, 54, 5462-5465.	4.2	157
131	Acidically oxidized carbon cloth: a novel metal-free oxygen evolution electrode with high catalytic activity. <i>Chemical Communications</i> , 2015, 51, 1616-1619.	4.2	156
132	Self-supported CoP nanosheet arrays: a non-precious metal catalyst for efficient hydrogen generation from alkaline NaBH ₄ solution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13053-13057.	10.5	156
133	Antigen-Specific Acquired Immunity in Human Brucellosis: Implications for Diagnosis, Prognosis, and Vaccine Development. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 1.	4.0	155
134	Synthesis of porous tubular C/MoS ₂ nanocomposites and their application as a novel electrode material for supercapacitors with excellent cycling stability. <i>Electrochimica Acta</i> , 2013, 100, 24-28.	5.4	155
135	Highly Selective Electrochemical Reduction of CO ₂ to Alcohols on an FeP Nanoarray. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 758-762.	14.8	153
136	PPARs as Nuclear Receptors for Nutrient and Energy Metabolism. <i>Molecules</i> , 2019, 24, 2545.	3.9	151
137	Ni foam: a novel three-dimensional porous sensing platform for sensitive and selective nonenzymatic glucose detection. <i>Analyst</i> , 2013, 138, 417-420.	3.5	150
138	Template-assisted synthesis of CoP nanotubes to efficiently catalyze hydrogen-evolving reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14812-14816.	10.5	150
139	Resolvins: Anti-Inflammatory and Proresolving Mediators Derived from Omega-3 Polyunsaturated Fatty Acids. <i>Annual Review of Nutrition</i> , 2012, 32, 203-227.	10.4	149
140	3D macroporous MoS ₂ thin film: in situ hydrothermal preparation and application as a highly active hydrogen evolution electrocatalyst at all pH values. <i>Electrochimica Acta</i> , 2015, 168, 133-138.	5.4	149
141	Ni ₃ Se ₂ film as a non-precious metal bifunctional electrocatalyst for efficient water splitting. <i>Catalysis Science and Technology</i> , 2015, 5, 4954-4958.	4.2	148
142	Efficient and durable N ₂ reduction electrocatalysis under ambient conditions: Fe ²⁺ -FeOOH nanorods as a non-noble-metal catalyst. <i>Chemical Communications</i> , 2018, 54, 11332-11335.	4.2	148
143	Convolutional neural networks automate detection for tracking of submicron-scale particles in 2D and 3D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9026-9031.	7.6	148
144	Copper Nitride Nanowires Array: An Efficient Dual-Functional Catalyst Electrode for Sensitive and Selective Non-Enzymatic Glucose and Hydrogen Peroxide Sensing. <i>Chemistry - A European Journal</i> , 2017, 23, 4986-4989.	3.9	146

#	ARTICLE	IF	CITATIONS
145	Iron-group electrocatalysts for ambient nitrogen reduction reaction in aqueous media. Nano Research, 2021, 14, 555-569.	10.6	144
146	Integrating natural biomass electro-oxidation and hydrogen evolution: using a porous Fe-doped CoP nanosheet array as a bifunctional catalyst. Chemical Communications, 2017, 53, 5710-5713.	4.2	143
147	Ni ₃ N@Ni-Ci nanoarray as a highly active and durable non-noble-metal electrocatalyst for water oxidation at near-neutral pH. Journal of Catalysis, 2017, 356, 165-172.	6.5	143
148	Ambient NH ₃ synthesis <i>via</i> electrochemical reduction of N ₂ over cubic sub-micron SnO ₂ particles. Chemical Communications, 2018, 54, 12966-12969.	4.2	143
149	Hydrothermal synthesis of well-stable silver nanoparticles and their application for enzymeless hydrogen peroxide detection. Electrochimica Acta, 2011, 56, 2295-2298.	5.4	141
150	Energy-saving Electrolytic Hydrogen Generation: Ni ₂ P Nanoarray as a High-performance Non-noble-metal Electrocatalyst. Angewandte Chemie, 2017, 129, 860-864.	2.1	141
151	A Ni(OH) ₂ @Pt ₂ hybrid nanosheet array with ultralow Pt loading toward efficient and durable alkaline hydrogen evolution. Journal of Materials Chemistry A, 2018, 6, 1967-1970.	10.5	141
152	Amorphous Boron Carbide on Titanium Dioxide Nanobelt Arrays for High-efficiency Electrocatalytic NO Reduction to NH ₃ . Angewandte Chemie - International Edition, 2022, 61, .	14.8	141
153	Surface plasmon resonance-induced visible light photocatalytic reduction of graphene oxide: Using Ag nanoparticles as a plasmonic photocatalyst. Nanoscale, 2011, 3, 2142.	5.8	140
154	Method for Effective Immobilization of Ru(bpy) ₃ ²⁺ on an Electrode Surface for Solid-State Electrochemiluminescence Detection. Analytical Chemistry, 2005, 77, 8166-8169.	6.8	139
155	NiCoP Nanoarray: A Superior Pseudocapacitor Electrode with High Areal Capacitance. Chemistry - A European Journal, 2017, 23, 4435-4441.	3.9	139
156	Ultrathin CoFe-Borate Layer Coated CoFe-Layered Double Hydroxide Nanosheets Array: A Non-Noble-Metal 3D Catalyst Electrode for Efficient and Durable Water Oxidation in Potassium Borate. ACS Sustainable Chemistry and Engineering, 2018, 6, 1527-1531.	6.9	139
157	Three-Dimensional Structures of MoS ₂ @Ni Core/Shell Nanosheets Array toward Synergetic Electrocatalytic Water Splitting. ACS Applied Materials & Interfaces, 2016, 8, 14521-14526.	8.3	138
158	Metal-based electrocatalytic conversion of CO ₂ to formic acid/formate. Journal of Materials Chemistry A, 2020, 8, 21947-21960.	10.5	138
159	Biomolecule-assisted synthesis of nickel sulfides/reduced graphene oxide nanocomposites as electrode materials for supercapacitors. Electrochemistry Communications, 2013, 32, 9-13.	4.8	137
160	High-performance water oxidation electrocatalysis enabled by a Ni-MOF nanosheet array. Inorganic Chemistry Frontiers, 2018, 5, 1570-1574.	6.0	137
161	Cu(OH) ₂ @CoCO ₃ (OH) ₂ ·nH ₂ O Core-shell Heterostructure Nanowire Array: An Efficient 3D Anodic Catalyst for Oxygen Evolution and Methanol Electrooxidation. Small, 2017, 13, 1602755.	11.2	136
162	High-performance Electrochemical NO Reduction into NH ₃ by MoS ₂ Nanosheet. Angewandte Chemie, 2021, 133, 25467-25472.	2.1	134

#	ARTICLE	IF	CITATIONS
163	One-Step Synthesis and Size Control of Dendrimer-Protected Gold Nanoparticles: A Heat-Treatment-Based Strategy. <i>Macromolecular Rapid Communications</i> , 2003, 24, 1024-1028.	4.4	133
164	One-step synthesis and characterization of polyelectrolyte-protected gold nanoparticles through a thermal process. <i>Polymer</i> , 2004, 45, 2181-2184.	3.9	132
165	Ultraprapid in Situ Synthesis of Cu ₂ S Nanosheet Arrays on Copper Foam with Room-Temperature-Active Iodine Plasma for Efficient and Cost-Effective Oxygen Evolution. <i>ACS Catalysis</i> , 2018, 8, 3859-3864.	11.7	132
166	A cobalt-phosphorus nanoparticle decorated N-doped carbon nanosheet array for efficient and durable hydrogen evolution at alkaline pH. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3884-3887.	4.8	131
167	Enhanced Photoelectrochemical Water Oxidation Performance of Fe ₂ O ₃ Nanorods Array by S Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7502-7506.	6.9	130
168	A practical-oriented NiFe-based water-oxidation catalyst enabled by ambient redox and hydrolysis co-precipitation strategy. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 844-852.	20.7	130
169	An amorphous FeMoS ₄ nanorod array toward efficient hydrogen evolution electrocatalysis under neutral conditions. <i>Chemical Communications</i> , 2017, 53, 9000-9003.	4.2	129
170	Mn ₃ O ₄ Nanocube: An Efficient Electrocatalyst Toward Artificial N ₂ Fixation to NH ₃ . <i>Small</i> , 2018, 14, e1803111.	11.2	129
171	Insights into defective TiO ₂ in electrocatalytic N ₂ reduction: combining theoretical and experimental studies. <i>Nanoscale</i> , 2019, 11, 1555-1562.	5.8	128
172	A hierarchical CoTe ₂ -MnTe ₂ hybrid nanowire array enables high activity for oxygen evolution reactions. <i>Chemical Communications</i> , 2018, 54, 10993-10996.	4.2	127
173	An Fe(TCNQ) ₂ nanowire array on Fe foil: an efficient non-noble-metal catalyst for the oxygen evolution reaction in alkaline media. <i>Chemical Communications</i> , 2018, 54, 2300-2303.	4.2	126
174	Noble-metal-free electrocatalysts toward H ₂ O ₂ production. <i>Journal of Materials Chemistry A</i> , 2020, 8, 23123-23141.	10.5	126
175	Constructing a hollow microflower-like ZnS/CuS@C heterojunction as an effective ion-transport booster for an ultrastable and high-rate sodium storage anode. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6402-6412.	10.5	124
176	An ultrasmall Ru ₂ P nanoparticles-reduced graphene oxide hybrid: an efficient electrocatalyst for NH ₃ synthesis under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2020, 8, 77-81.	10.5	122
177	Tungsten nitride nanorods array grown on carbon cloth as an efficient hydrogen evolution cathode at all pH values. <i>Electrochimica Acta</i> , 2015, 154, 345-351.	5.4	121
178	Improving the electrocatalytic N ₂ reduction activity of Pd nanoparticles through surface modification. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21674-21677.	10.5	121
179	In situ grown Fe ₃ O ₄ particle on stainless steel: A highly efficient electrocatalyst for nitrate reduction to ammonia. <i>Nano Research</i> , 2022, 15, 3050-3055.	10.6	121
180	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

#	ARTICLE	IF	CITATIONS
181	Highly-active oxygen evolution electrocatalyzed by a Fe-doped NiSe nanoflake array electrode. <i>Chemical Communications</i> , 2016, 52, 4529-4532.	4.2	118
182	Fe ₃ N@Co ₂ N Nanowires Array: A Non-Noble-Metal Bifunctional Catalyst Electrode for High-Performance Glucose Oxidation and H ₂ O ₂ Reduction toward Non-Enzymatic Sensing Applications. <i>Chemistry - A European Journal</i> , 2017, 23, 5214-5218.	3.9	118
183	A self-supported NiMoS ₄ nanoarray as an efficient 3D cathode for the alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16585-16589.	10.5	118
184	Boosting electrocatalytic N ₂ reduction by MnO ₂ with oxygen vacancies. <i>Chemical Communications</i> , 2019, 55, 4627-4630.	4.2	118
185	Fabrication of Ni(OH) ₂ nanoflakes array on Ni foam as a binder-free electrode material for high performance supercapacitors. <i>Electrochimica Acta</i> , 2013, 107, 339-342.	5.4	117
186	Progress and perspective of metal phosphide/carbon heterostructure anodes for rechargeable ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11879-11907.	10.5	117
187	Self-supported nickel nitride as an efficient high-performance three-dimensional cathode for the alkaline hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2016, 191, 841-845.	5.4	116
188	Flexible RFID Tag Metal Antenna on Paper-Based Substrate by Inkjet Printing Technology. <i>Advanced Functional Materials</i> , 2019, 29, 1902579.	16.5	116
189	Recent advances in electrospun one-dimensional carbon nanofiber structures/heterostructures as anode materials for sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11493-11510.	10.5	116
190	Ambient ammonia production via electrocatalytic nitrite reduction catalyzed by a CoP nanoarray. <i>Nano Research</i> , 2022, 15, 972-977.	10.6	115
191	Graphitic carbon nitride nanosheets: one-step, high-yield synthesis and application for Cu ²⁺ detection. <i>Analyt. The</i> , 2014, 139, 5065-5068.	3.5	114
192	An MnO ₂ @Ti ₃ C ₂ T _x MXene nanohybrid: an efficient and durable electrocatalyst toward artificial N ₂ fixation to NH ₃ under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18823-18827.	10.5	113
193	Ni(OH) ₂ nanoparticles encapsulated in conductive nanowire array for high-performance alkaline seawater oxidation. <i>Nano Research</i> , 2022, 15, 6084-6090.	10.6	113
194	Large scale, templateless, surfactantless route to rapid synthesis of uniform poly(o-phenylenediamine) nanobelts. <i>Chemical Communications</i> , 2004, , 1182.	4.2	112
195	Aniline as a dispersing and stabilizing agent for reduced graphene oxide and its subsequent decoration with Ag nanoparticles for enzymeless hydrogen peroxide detection. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 615-619.	9.6	112
196	One-step electrodeposition of Ni@Co@S nanosheets film as a bifunctional electrocatalyst for efficient water splitting. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 7264-7269.	7.2	112
197	Ambient electrochemical N ₂ -to-NH ₃ conversion catalyzed by TiO ₂ decorated juncus effusus-derived carbon microtubes. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1514-1519.	6.0	112
198	Enhancing potassium-ion battery performance by defect and interlayer engineering. <i>Nanoscale Horizons</i> , 2019, 4, 202-207.	7.7	110

#	ARTICLE	IF	CITATIONS
199	Plasma-etched Ti ₂ O ₃ with oxygen vacancies for enhanced NH ₃ electrosynthesis and Zn-N ₂ batteries. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 4608-4613.	6.0	110
200	Fe ^{III} -Doped Two-Dimensional C ₃ N ₄ Nanofusiform: A New O ₂ -Evolving and Mitochondria-Targeting Photodynamic Agent for MRI and Enhanced Antitumor Therapy. <i>Small</i> , 2016, 12, 5477-5487.	11.2	109
201	An efficient multifunctional hybrid electrocatalyst: Ni ₂ P nanoparticles on MOF-derived Co,N-doped porous carbon polyhedrons for oxygen reduction and water splitting. <i>Chemical Communications</i> , 2018, 54, 12101-12104.	4.2	109
202	Boosting electrocatalytic N ₂ reduction to NH ₃ on $\hat{1}^2$ -FeOOH by fluorine doping. <i>Chemical Communications</i> , 2019, 55, 3987-3990.	4.2	108
203	Sulfur dots-graphene nano hybrid: a metal-free electrocatalyst for efficient N ₂ -to-NH ₃ fixation under ambient conditions. <i>Chemical Communications</i> , 2019, 55, 3152-3155.	4.2	108
204	Magnetron sputtering enabled sustainable synthesis of nanomaterials for energy electrocatalysis. <i>Green Chemistry</i> , 2021, 23, 2834-2867.	9.4	108
205	Improving the intrinsic electronic conductivity of NiMoO ₄ anodes by phosphorous doping for high lithium storage. <i>Nano Research</i> , 2022, 15, 186-194.	10.6	108
206	N-doped carbon nanotubes supported CoSe ₂ nanoparticles: A highly efficient and stable catalyst for H ₂ O ₂ electrosynthesis in acidic media. <i>Nano Research</i> , 2022, 15, 304-309.	10.6	108
207	Electrocatalytic hydrogen peroxide production in acidic media enabled by NiS ₂ nanosheets. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6117-6122.	10.5	108
208	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
209	Cu/(Cu(OH) ₂ -CuO) core/shell nanorods array: in-situ growth and application as an efficient 3D oxygen evolution anode. <i>Electrochimica Acta</i> , 2015, 163, 102-106.	5.4	107
210	Interface engineering of a CeO ₂ -Cu ₃ P nanoarray for efficient alkaline hydrogen evolution. <i>Nanoscale</i> , 2018, 10, 2213-2217.	5.8	107
211	Defect-rich fluorographene nanosheets for artificial N ₂ fixation under ambient conditions. <i>Chemical Communications</i> , 2019, 55, 4266-4269.	4.2	107
212	WS ₂ nanoparticles-encapsulated amorphous carbon tubes: A novel electrode material for supercapacitors with a high rate capability. <i>Electrochemistry Communications</i> , 2013, 28, 75-78.	4.8	106
213	An Fe-MOF nanosheet array with superior activity towards the alkaline oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1405-1408.	6.0	106
214	Metallic nickel nitride nanosheet: An efficient catalyst electrode for sensitive and selective non-enzymatic glucose sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2794-2799.	8.0	106
215	Conjugation polymer nanobelts: a novel fluorescent sensing platform for nucleic acid detection. <i>Nucleic Acids Research</i> , 2011, 39, e37-e37.	14.0	105
216	CoS ₂ nanoneedle array on Ti mesh: A stable and efficient bifunctional electrocatalyst for urea-assisted electrolytic hydrogen production. <i>Electrochimica Acta</i> , 2017, 246, 776-782.	5.4	105

#	ARTICLE	IF	CITATIONS
217	Ambient electrohydrogenation of N ₂ for NH ₃ synthesis on non-metal boron phosphide nanoparticles: the critical role of P in boosting the catalytic activity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16117-16121.	10.5	105
218	Ag@Poly(m-phenylenediamine) Core-Shell Nanoparticles for Highly Selective, Multiplex Nucleic Acid Detection. <i>Langmuir</i> , 2011, 27, 2170-2175.	3.7	104
219	Interconnected urchin-like cobalt phosphide microspheres film for highly efficient electrochemical hydrogen evolution in both acidic and basic media. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10114-10117.	10.5	104
220	Novel application of CoFe layered double hydroxide nanoplates for colorimetric detection of H ₂ O ₂ and glucose. <i>Analyst</i> , 2012, 137, 1325.	3.5	103
221	In Situ Electrochemically Activated CoMn-S@NiO/CC Nanosheets Array for Enhanced Hydrogen Evolution. <i>ACS Catalysis</i> , 2016, 6, 2797-2801.	11.7	103
222	Energy-efficient electrolytic hydrogen generation using a Cu ₃ P nanoarray as a bifunctional catalyst for hydrazine oxidation and water reduction. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 420-423.	6.0	103
223	Ternary NiCoP nanosheet array on a Ti mesh: a high-performance electrochemical sensor for glucose detection. <i>Chemical Communications</i> , 2016, 52, 14438-14441.	4.2	102
224	Electrocatalytic N ₂ -to-NH ₃ conversion with high faradaic efficiency enabled using a Bi nanosheet array. <i>Chemical Communications</i> , 2019, 55, 5263-5266.	4.2	102
225	RuO ₂ nanoparticle-decorated TiO ₂ nanobelt array as a highly efficient electrocatalyst for the hydrogen evolution reaction at all pH values. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 6602-6607.	6.0	102
226	Microwave-assisted rapid synthesis of Ag nanoparticles/graphene nanosheet composites and their application for hydrogen peroxide detection. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4539-4548.	2.0	101
227	Hierarchical CuO@ZnCo LDH heterostructured nanowire arrays toward enhanced water oxidation electrocatalysis. <i>Nanoscale</i> , 2020, 12, 5359-5362.	5.8	101
228	Recent Progress in Electrocatalytic Methanation of CO ₂ at Ambient Conditions. <i>Advanced Functional Materials</i> , 2021, 31, 2009449.	16.5	101
229	Metabolizing enzyme localization and activities in the first trimester human placenta: the effect of maternal and gestational age, smoking and alcohol consumption. <i>Human Reproduction</i> , 2002, 17, 2564-2572.	0.9	100
230	Zn _{0.76} Co _{0.24} S/CoS ₂ nanowires array for efficient electrochemical splitting of water. <i>Electrochimica Acta</i> , 2016, 190, 360-364.	5.4	100
231	Ammonia Synthesis from Electrocatalytic N ₂ Reduction under Ambient Conditions by Fe ₂ O ₃ Nanorods. <i>ChemCatChem</i> , 2018, 10, 4530-4535.	3.8	100
232	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
233	Cobalt phosphide nanowire array as an effective electrocatalyst for non-enzymatic glucose sensing. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1901-1904.	5.9	99
234	Substituent effect of conjugated microporous polymers on the photocatalytic hydrogen evolution activity. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2404-2411.	10.5	99

#	ARTICLE	IF	CITATIONS
235	ITO@TiO ₂ nanoarray: An efficient and robust nitrite reduction reaction electrocatalyst toward NH ₃ production under ambient conditions. <i>EScience</i> , 2022, 2, 382-388.	42.6	99
236	Bimetallic Nickel-Substituted Cobalt-Borate Nanowire Array: An Earth-Abundant Water Oxidation Electrocatalyst with Superior Activity and Durability at Near Neutral pH. <i>Small</i> , 2017, 13, 1700394.	11.2	97
237	Interface engineering of the Ni(OH) ₂ -Ni ₃ N nanoarray heterostructure for the alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 833-836.	10.5	97
238	Ni ₂ P nanosheets array as a novel electrochemical catalyst electrode for non-enzymatic H ₂ O ₂ sensing. <i>Electrochimica Acta</i> , 2017, 253, 517-521.	5.4	96
239	Luminescent Supramolecular Microstructures Containing Ru(bpy) ₃ ²⁺ : A Solution-Based Self-Assembly Preparation and Solid-State Electrochemiluminescence Detection Application. <i>Analytical Chemistry</i> , 2007, 79, 2588-2592.	6.8	95
240	A Ni(OH) ₂ -CoS ₂ hybrid nanowire array: a superior non-noble-metal catalyst toward the hydrogen evolution reaction in alkaline media. <i>Nanoscale</i> , 2017, 9, 16632-16637.	5.8	95
241	A Ni ₂ P nanosheet array integrated on 3D Ni foam: an efficient, robust and reusable monolithic catalyst for the hydrolytic dehydrogenation of ammonia borane toward on-demand hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12407-12410.	10.5	94
242	Nano-C ₆₀ : A Novel, Effective, Fluorescent Sensing Platform for Biomolecular Detection. <i>Small</i> , 2011, 7, 1562-1568.	11.2	93
243	Cobalt phosphide nanoparticles film growth on carbon cloth: A high-performance cathode for electrochemical hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 16806-16811.	7.2	93
244	Oxygen vacancies in Co ₃ O ₄ nanoarrays promote nitrate electroreduction for ammonia synthesis. <i>Sustainable Energy and Fuels</i> , 2022, 6, 4130-4136.	4.8	93
245	Anodic Stripping Voltammetric Detection of Arsenic(III) at Gold Nanoparticle-Modified Glassy Carbon Electrodes Prepared by Electrodeposition in the Presence of Various Additives. <i>Electroanalysis</i> , 2008, 20, 2435-2441.	3.0	92
246	Supramolecular Microfibrils of <i>o</i> -Phenylenediamine Dimers: Oxidation-Induced Morphology Change and the Spontaneous Formation of Ag Nanoparticle Decorated Nanofibers. <i>Langmuir</i> , 2010, 26, 15112-15116.	3.7	91
247	Three-dimensional interconnected network of nanoporous CoP nanowires as an efficient hydrogen evolution cathode. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16909.	2.9	91
248	Hierarchical CuCo ₂ S ₄ nanoarrays for high-efficient and durable water oxidation electrocatalysis. <i>Chemical Communications</i> , 2018, 54, 78-81.	4.2	91
249	<i>In situ</i> electrochemical development of copper oxide nanocatalysts within a TCNQ nanowire array: a highly conductive electrocatalyst for the oxygen evolution reaction. <i>Chemical Communications</i> , 2018, 54, 1425-1428.	4.2	91
250	Porous LaFeO ₃ nanofiber with oxygen vacancies as an efficient electrocatalyst for N ₂ conversion to NH ₃ under ambient conditions. <i>Journal of Energy Chemistry</i> , 2020, 50, 402-408.	13.4	91
251	High-efficiency electrochemical nitrite reduction to ammonium using a Cu ₃ P nanowire array under ambient conditions. <i>Green Chemistry</i> , 2021, 23, 5487-5493.	9.4	91
252	One-step preparation of highly concentrated well-stable gold colloids by direct mix of polyelectrolyte and HAuCl ₄ aqueous solutions at room temperature. <i>Journal of Colloid and Interface Science</i> , 2005, 288, 301-303.	9.6	90

#	ARTICLE	IF	CITATIONS
253	Amorphous Ni-B alloy nanoparticle film on Ni foam: rapid alternately dipping deposition for efficient overall water splitting. <i>Nanotechnology</i> , 2016, 27, 12LT01.	2.7	89
254	CoP nanoarray: a robust non-noble-metal hydrogen-generating catalyst toward effective hydrolysis of ammonia borane. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 659-662.	6.0	89
255	N-Doped carbon dots: a metal-free co-catalyst on hematite nanorod arrays toward efficient photoelectrochemical water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 537-540.	6.0	89
256	WO ₃ nanosheets rich in oxygen vacancies for enhanced electrocatalytic N ₂ reduction to NH ₃ . <i>Nanoscale</i> , 2019, 11, 19274-19277.	5.8	89
257	Alkylthiol surface engineering: an effective strategy toward enhanced electrocatalytic N ₂ -to-NH ₃ fixation by a CoP nanoarray. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13861-13866.	10.5	89
258	Preparation of Ag nanoparticle-decorated poly(m-phenylenediamine) microparticles and their application for hydrogen peroxide detection. <i>Analyst</i> , 2011, 136, 1806.	3.5	88
259	Rapid, sensitive, and selective fluorescent DNA detection using iron-based metal-organic framework nanorods: Synergies of the metal center and organic linker. <i>Biosensors and Bioelectronics</i> , 2015, 71, 1-6.	10.4	87
260	Electrochemical nitrogen reduction: recent progress and prospects. <i>Chemical Communications</i> , 2021, 57, 7335-7349.	4.2	87
261	Nitrite reduction over Ag nanoarray electrocatalyst for ammonia synthesis. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 513-519.	9.6	87
262	Two-dimensional hybrid mesoporous Fe ₂ O ₃ @graphene nanostructures: A highly active and reusable peroxidase mimetic toward rapid, highly sensitive optical detection of glucose. <i>Biosensors and Bioelectronics</i> , 2014, 52, 452-457.	10.4	86
263	Surface Modification of a NiS ₂ Nanoarray with Ni(OH) ₂ toward Superior Water Reduction Electrocatalysis in Alkaline Media. <i>Inorganic Chemistry</i> , 2017, 56, 13651-13654.	4.2	86
264	A simple route for preparation of highly stable CuO nanoparticles for nonenzymatic glucose detection. <i>Catalysis Science and Technology</i> , 2012, 2, 813.	4.2	85
265	In situ electrochemical surface derivation of cobalt phosphate from a Co(CO ₃) _{0.5} (OH)·0.11H ₂ O nanoarray for efficient water oxidation in neutral aqueous solution. <i>Nanoscale</i> , 2017, 9, 3752-3756.	5.8	85
266	PdP ₂ nanoparticles@reduced graphene oxide for electrocatalytic N ₂ conversion to NH ₃ under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24760-24764.	10.5	85
267	Highly efficient and stable oxygen evolution from seawater enabled by a hierarchical NiMoS _x microcolumn@NiFe-layered double hydroxide nanosheet array. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 2766-2775.	6.0	85
268	Multi-walled carbon nanotubes as an effective fluorescent sensing platform for nucleic acid detection. <i>Journal of Materials Chemistry</i> , 2011, 21, 824-828.	6.7	84
269	Preparation of Ag nanoparticle-decorated polypyrrole colloids and their application for H ₂ O ₂ detection. <i>Electrochemistry Communications</i> , 2011, 13, 785-787.	4.8	84
270	A new preparation of Au nanoplates and their application for glucose sensing. <i>Biosensors and Bioelectronics</i> , 2011, 28, 344-348.	10.4	84

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271	One-step synthesis of Ag nanoparticles-decorated reduced graphene oxide and their application for H ₂ O ₂ detection. <i>Electrochimica Acta</i> , 2012, 79, 46-51.	5.4	84
272	Se doping: an effective strategy toward Fe ₂ O ₃ nanorod arrays for greatly enhanced solar water oxidation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12086-12090.	10.5	84
273	Polyrrole-encapsulated Cu ₂ 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
274	High-efficiency ammonia electrosynthesis on self-supported Co ₂ AlO ₄ nanoarray in neutral media by selective reduction of nitrate. <i>Chemical Engineering Journal</i> , 2022, 435, 135104.	13.0	84
275	Enhanced N ₂ -to-NH ₃ conversion efficiency on Cu ₃ P nanoribbon electrocatalyst. <i>Nano Research</i> , 2022, 15, 7134-7138.	10.6	84
276	Acid-driven, microwave-assisted production of photoluminescent carbon nitride dots from N,N-dimethylformamide. <i>RSC Advances</i> , 2011, 1, 951.	3.7	83
277	High-yield, large-scale production of few-layer graphene flakes within seconds: using chlorosulfonic acid and H ₂ O ₂ as exfoliating agents. <i>Journal of Materials Chemistry</i> , 2012, 22, 8775.	6.7	83
278	Graphene film-confined molybdenum sulfide nanoparticles: Facile one-step electrodeposition preparation and application as a highly active hydrogen evolution reaction electrocatalyst. <i>Journal of Power Sources</i> , 2014, 263, 181-185.	8.0	83
279	Efficient electrohydrogenation of N ₂ to NH ₃ by oxidized carbon nanotubes under ambient conditions. <i>Chemical Communications</i> , 2019, 55, 4997-5000.	4.2	83
280	Recent advances in lithium-based batteries using metal organic frameworks as electrode materials. <i>Electrochemistry Communications</i> , 2021, 122, 106881.	4.8	83
281	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
282	Ultrathin graphitic C ₃ N ₄ nanofibers: Hydrolysis-driven top-down rapid synthesis and application as a novel fluorosensor for rapid, sensitive, and selective detection of Fe ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 453-460.	8.0	82
283	Monolithically integrated copper phosphide nanowire: An efficient electrocatalyst for sensitive and selective nonenzymatic glucose detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 244, 11-16.	8.0	82
284	Plasma-induced defective TiO _{2-x} with oxygen vacancies: A high-active and robust bifunctional catalyst toward H ₂ O ₂ electrosynthesis. <i>Chem Catalysis</i> , 2021, 1, 1437-1448.	6.4	82
285	Electrodeposited Ni-P Alloy Nanoparticle Films for Efficiently Catalyzing Hydrogen and Oxygen Evolution Reactions. <i>ChemNanoMat</i> , 2015, 1, 558-561.	2.9	81
286	Metal-organic framework-derived shuttle-like V ₂ O ₃ /C for electrocatalytic N ₂ reduction under ambient conditions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 391-395.	6.0	81
287	High-efficiency ammonia electrosynthesis via selective reduction of nitrate on ZnCo ₂ O ₄ nanosheet array. <i>Materials Today Physics</i> , 2022, 23, 100619.	6.3	81
288	Green synthesis of carbon nanodots as an effective fluorescent probe for sensitive and selective detection of mercury(II) ions. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	2.0	80

#	ARTICLE	IF	CITATIONS
289	Nitrogen-doped carbon nanotube supported iron phosphide nanocomposites for highly active electrocatalysis of the hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2014, 149, 324-329.	5.4	80
290	A nickel-borate nanoarray: a highly active 3D oxygen-evolving catalyst electrode operating in near-neutral water. <i>Chemical Communications</i> , 2017, 53, 3070-3073.	4.2	80
291	A cobalt-borate nanosheet array: an efficient and durable non-noble-metal electrocatalyst for water oxidation at near neutral pH. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7305-7308.	10.5	80
292	Efficient Hydrogen Evolution Electrocatalysis at Alkaline pH by Interface Engineering of Ni ₂ P@CeO ₂ . <i>Inorganic Chemistry</i> , 2018, 57, 548-552.	4.2	80
293	Electrocatalytic N ₂ -to-NH ₃ conversion using oxygen-doped graphene: experimental and theoretical studies. <i>Chemical Communications</i> , 2019, 55, 7502-7505.	4.2	80
294	Enhancing electrocatalytic N ₂ -to-NH ₃ fixation by suppressing hydrogen evolution with alkylthiols modified Fe ₃ P nanoarrays. <i>Nano Research</i> , 2022, 15, 1039-1046.	10.6	80
295	Polyaniline nanofibres for fluorescent nucleic acid detection. <i>Nanoscale</i> , 2011, 3, 967.	5.8	79
296	Cu ₂ Sb decorated Cu nanowire arrays for selective electrocatalytic CO ₂ to CO conversion. <i>Nano Research</i> , 2021, 14, 2831-2836.	10.6	78
297	Hierarchical nickel oxide nanosheet@nanowire arrays on nickel foam: an efficient 3D electrode for methanol electro-oxidation. <i>Catalysis Science and Technology</i> , 2016, 6, 1157-1161.	4.2	77
298	Bi nanodendrites for efficient electrocatalytic N ₂ fixation to NH ₃ under ambient conditions. <i>Chemical Communications</i> , 2020, 56, 2107-2110.	4.2	77
299	Interconnected Co-Entrapped, N-Doped Carbon Nanotube Film as Active Hydrogen Evolution Cathode over the Whole pH Range. <i>ChemSusChem</i> , 2015, 8, 1850-1855.	7.5	76
300	Hydrazine-assisted electrolytic hydrogen production: CoS ₂ nanoarray as a superior bifunctional electrocatalyst. <i>New Journal of Chemistry</i> , 2017, 41, 4754-4757.	2.7	75
301	A perovskite La ₂ Ti ₂ O ₇ nanosheet as an efficient electrocatalyst for artificial N ₂ fixation to NH ₃ in acidic media. <i>Chemical Communications</i> , 2019, 55, 6401-6404.	4.2	75
302	Photocatalytic synthesis of highly dispersed Pd nanoparticles on reduced graphene oxide and their application in methanol electro-oxidation. <i>Catalysis Science and Technology</i> , 2012, 2, 1153.	4.2	74
303	A magnetron sputtered Mo ₃ Si thin film: an efficient electrocatalyst for N ₂ reduction under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 884-888.	10.5	73
304	Fast and Sensitive Colorimetric Detection of H ₂ O ₂ and Glucose: A Strategy Based on Polyoxometalate Clusters. <i>ChemPlusChem</i> , 2012, 77, 541-544.	3.1	72
305	Spinel ZnCo ₂ O ₄ /N-doped carbon nanotube composite: A high active oxygen reduction reaction electrocatalyst. <i>Journal of Power Sources</i> , 2014, 257, 170-173.	8.0	72
306	A Biomass-Derived Carbon-Based Electrocatalyst for Efficient N ₂ Fixation to NH ₃ under Ambient Conditions. <i>Chemistry - A European Journal</i> , 2019, 25, 1914-1917.	3.9	72

#	ARTICLE	IF	CITATIONS
307	Ni ₂ 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
308	<i>In situ</i> tailoring bimetallic organic framework-derived yolk-shell NiS ₂ /CuS hollow microspheres: an extraordinary kinetically pseudocapacitive nanoreactor for an effective sodium-ion storage anode. <i>Journal of Materials Chemistry A</i> , 2021, 9, 15807-15819.	10.5	72
309	Greatly Enhanced Electrocatalytic N ₂ Reduction over V ₂ O ₃ /C by P Doping. <i>ChemNanoMat</i> , 2020, 6, 1315-1319.	2.9	71
310	High-efficiency electrohydrogenation of nitric oxide to ammonia on a Ni ₂ P nanoarray under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 24268-24275.	10.5	71
311	Facile synthesis of novel Ni(<i>scp</i>) ₂ -based metal-organic coordination polymer nanoparticle/reduced graphene oxide nanocomposites and their application for highly sensitive and selective nonenzymatic glucose sensing. <i>Analyst</i> , 2013, 138, 429-433.	3.5	70
312	Facilitating Active Species Generation by Amorphous NiFe ₂ S ₄ Layer Formation on NiFe-LDH Nanoarray for Efficient Electrocatalytic Oxygen Evolution at Alkaline pH. <i>Chemistry - A European Journal</i> , 2017, 23, 11499-11503.	3.9	70
313	2021 Roadmap: electrocatalysts for green catalytic processes. <i>JPhys Materials</i> , 2021, 4, 022004.	4.3	70
314	Superior alkaline hydrogen evolution electrocatalysis enabled by an ultrafine PtNi nanoparticle-decorated Ni nanoarray with ultralow Pt loading. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1365-1369.	6.0	69
315	A platinum oxide decorated amorphous cobalt oxide hydroxide nanosheet array towards alkaline hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3864-3868.	10.5	69
316	Dendritic Cu: a high-efficiency electrocatalyst for N ₂ fixation to NH ₃ under ambient conditions. <i>Chemical Communications</i> , 2019, 55, 14474-14477.	4.2	69
317	Connexin 26 mutations in cases of sensorineural deafness in eastern Austria. <i>European Journal of Human Genetics</i> , 2002, 10, 427-432.	2.9	68
318	One-step electrodeposition fabrication of graphene film-confined WS ₂ nanoparticles with enhanced electrochemical catalytic activity for hydrogen evolution. <i>Electrochimica Acta</i> , 2014, 134, 8-12.	5.4	68
319	<i>In situ</i> surface derivation of an Fe-Co-Bi layer on an Fe-doped Co ₃ O ₄ nanoarray for efficient water oxidation electrocatalysis under near-neutral conditions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6388-6392.	10.5	68
320	Ultrafine PtO ₂ nanoparticles coupled with a Co(OH)F nanowire array for enhanced hydrogen evolution. <i>Chemical Communications</i> , 2018, 54, 810-813.	4.2	68
321	Facilitating active species by decorating CeO ₂ on Ni ₃ S ₂ nanosheets for efficient water oxidation electrocatalysis. <i>Chinese Journal of Catalysis</i> , 2021, 42, 482-489.	14.6	68
322	FeP nanorod array: A high-efficiency catalyst for electroreduction of NO to NH ₃ under ambient conditions. <i>Nano Research</i> , 2022, 15, 4008-4013.	10.6	68
323	N-doped carbon nanotubes from functional tubular polypyrrole: A highly efficient electrocatalyst for oxygen reduction reaction. <i>Electrochemistry Communications</i> , 2013, 36, 57-61.	4.8	67
324	P-Doped graphene toward enhanced electrocatalytic N ₂ reduction. <i>Chemical Communications</i> , 2020, 56, 1831-1834.	4.2	67

#	ARTICLE	IF	CITATIONS
325	Noble-metal-free electrospun nanomaterials as electrocatalysts for oxygen reduction reaction. <i>Materials Today Physics</i> , 2020, 15, 100280.	6.3	67
326	Co ₃ (hexahydroxytriphenylene) ₂ : A conductive metal-organic framework for ambient electrocatalytic N ₂ reduction to NH ₃ . <i>Nano Research</i> , 2020, 13, 1008-1012.	10.6	67
327	Nickel oxide nanosheets array grown on carbon cloth as a high-performance three-dimensional oxygen evolution electrode. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 9866-9871.	7.2	66
328	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
329	Replacing Oxygen Evolution with Hydrazine Oxidation at the Anode for Energy-Saving Electrolytic Hydrogen Production. <i>ChemElectroChem</i> , 2017, 4, 481-484.	3.5	65
330	NiS ₂ nanosheet array: A high-active bifunctional electrocatalyst for hydrazine oxidation and water reduction toward energy-efficient hydrogen production. <i>Materials Today Energy</i> , 2017, 3, 9-14.	5.2	65
331	High-Performance Electrolytic Oxygen Evolution in Neutral Media Catalyzed by a Cobalt Phosphate Nanoarray. <i>Angewandte Chemie</i> , 2017, 129, 1084-1088.	2.1	65
332	High-efficiency nitrate electroreduction to ammonia on electrodeposited cobalt-phosphorus alloy film. <i>Chemical Communications</i> , 2021, 57, 9720-9723.	4.2	65
333	Functional integration of hierarchical core-shell architectures via vertically arrayed ultrathin CuSe nanosheets decorated on hollow CuS microcages targeting highly effective sodium-ion storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27615-27628.	10.5	65
334	Method for effective immobilization of Ag nanoparticles/graphene oxide composites on single-stranded DNA modified gold electrode for enzymeless H ₂ O ₂ detection. <i>Journal of Materials Science</i> , 2011, 46, 5260-5266.	3.7	64
335	One-step electrodeposition of a nickel cobalt sulfide nanosheet film as a highly sensitive nonenzymatic glucose sensor. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7540-7544.	5.9	64
336	Rapid Self-Assembly of Oligo(o-phenylenediamine) into One-Dimensional Structures through a Facile Reprecipitation Route. <i>Langmuir</i> , 2006, 22, 3358-3361.	3.7	62
337	Production of stable aqueous dispersion of poly(3,4-ethylenedioxythiophene) nanorods using graphene oxide as a stabilizing agent and their application for nitrite detection. <i>Analyst</i> , 2011, 136, 4898.	3.5	62
338	A novel surface-heterostructured Li _{1.2} Mn _{0.54} Ni _{0.13} Co _{0.13} O ₂ @Ce _{0.8} Sn _{0.2} cathode material for Li-ion batteries with improved initial irreversible capacity loss. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13883-13893.	10.5	62
339	Coupling denitrification and ammonia synthesis via selective electrochemical reduction of nitric oxide over Fe ₂ O ₃ nanorods. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6454-6462.	10.5	62
340	Highly efficient electrochemical hydrogen evolution based on nickel diselenide nanowall film. <i>Nanotechnology</i> , 2016, 27, 20LT02.	2.7	61
341	Self-standing Ni-WN heterostructure nanowires array: A highly efficient catalytic cathode for hydrogen evolution reaction in alkaline solution. <i>Electrochimica Acta</i> , 2016, 210, 729-733.	5.4	61
342	Cathodic electrochemical activation of Co ₃ O ₄ nanoarrays: a smart strategy to significantly boost the hydrogen evolution activity. <i>Chemical Communications</i> , 2018, 54, 2150-2153.	4.2	61

#	ARTICLE	IF	CITATIONS
343	Efficient oxygen evolution electrocatalyzed by a Cu nanoparticle-embedded N-doped carbon nanowire array. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1188-1192.	6.0	61
344	Electrocatalytic N ₂ Fixation over Hollow VO ₂ Microspheres at Ambient Conditions. <i>ChemElectroChem</i> , 2019, 6, 1014-1018.	3.5	61
345	Electrochemical two-electron O ₂ reduction reaction toward H ₂ O ₂ production: using cobalt porphyrin decorated carbon nanotubes as a nanohybrid catalyst. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26019-26027.	10.5	61
346	A TiO ₂ nanobelt array with oxygen vacancies: an efficient electrocatalyst toward nitrite conversion to ammonia. <i>Chemical Communications</i> , 2022, 58, 3669-3672.	4.2	61
347	Microwave Dielectric Properties of Low-fired Ba ₅ Nb ₄ O ₁₅ . <i>Journal of the American Ceramic Society</i> , 2002, 85, 2759-2762.	3.8	60
348	Homologous Catalysts Based on Fe-Doped CoP Nanoarrays for High-Performance Full Water Splitting under Benign Conditions. <i>ChemSusChem</i> , 2017, 10, 3188-3192.	7.5	60
349	Ambient electrochemical NH ₃ synthesis from N ₂ and water enabled by ZrO ₂ nanoparticles. <i>Chemical Communications</i> , 2020, 56, 3673-3676.	4.2	60
350	Commercial indium-tin oxide glass: A catalyst electrode for efficient N ₂ reduction at ambient conditions. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1024-1029.	14.6	60
351	One-step solvothermal synthesis of MoS ₂ /TiO ₂ nanocomposites with enhanced photocatalytic H ₂ production. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	2.0	59
352	Efficient electrochemical water splitting catalyzed by electrodeposited NiFe nanosheets film. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 8785-8792.	7.2	59
353	Interconnected Network of Core-Shell CoP@CoBiPi for Efficient Water Oxidation Electrocatalysis under Near Neutral Conditions. <i>ChemSusChem</i> , 2017, 10, 1370-1374.	7.5	59
354	Biomass-derived oxygen-doped hollow carbon microtubes for electrocatalytic N ₂ -to-NH ₃ fixation under ambient conditions. <i>Chemical Communications</i> , 2019, 55, 2684-2687.	4.2	59
355	MTR4 drives liver tumorigenesis by promoting cancer metabolic switch through alternative splicing. <i>Nature Communications</i> , 2020, 11, 708.	13.2	59
356	Microwave-assisted, environmentally friendly, one-pot preparation of Pd nanoparticles/graphene nanocomposites and their application in electrocatalytic oxidation of methanol. <i>Catalysis Science and Technology</i> , 2011, 1, 1636.	4.2	58
357	Benzoate Anion-Intercalated Layered Cobalt Hydroxide Nanoarray: An Efficient Electrocatalyst for the Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2017, 10, 4004-4008.	7.5	58
358	CuS concave polyhedral superstructures enabled efficient N ₂ electroreduction to NH ₃ at ambient conditions. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3105-3110.	6.0	58
359	MnO ₂ nanoarray with oxygen vacancies: An efficient catalyst for NO electroreduction to NH ₃ at ambient conditions. <i>Materials Today Physics</i> , 2022, 22, 100586.	6.3	58
360	High-performance NH ₃ production via NO electroreduction over a NiO nanosheet array. <i>Chemical Communications</i> , 2021, 57, 13562-13565.	4.2	58

#	ARTICLE	IF	CITATIONS
361	1.3-Å... resolution structure of human glutathione S-transferase with S-hexyl glutathione bound reveals possible extended ligandin binding site. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 48, 618-627.	3.2	57
362	Iron-substituted SBA-15 microparticles: a peroxidase-like catalyst for H ₂ O ₂ detection. <i>Analyst</i> , The, 2011, 136, 4894.	3.5	57
363	Fluorescence-enhanced nucleic acid detection: using coordination polymer colloids as a sensing platform. <i>Chemical Communications</i> , 2011, 47, 2625.	4.2	57
364	Synthesis and Study of Plasmon-Induced Carrier Behavior at Ag/TiO ₂ Nanowires. <i>Chemistry - A European Journal</i> , 2012, 18, 8508-8514.	3.9	57
365	Core-shell CoFe ₂ O ₄ @CoFeBi nanoarray: a surface-amorphization water oxidation catalyst operating at near-neutral pH. <i>Nanoscale</i> , 2017, 9, 7714-7718.	5.8	57
366	TiB ₂ thin film enabled efficient NH ₃ electrosynthesis at ambient conditions. <i>Materials Today Physics</i> , 2021, 18, 100396.	6.3	57
367	Design and activity of cationic fullerene derivatives as inhibitors of acetylcholinesterase. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2556.	2.9	56
368	An efficient bifunctional electrocatalyst for water splitting based on cobalt phosphide. <i>Nanotechnology</i> , 2016, 27, 23LT01.	2.7	56
369	Cu ₃ P nanoparticle-reduced graphene oxide hybrid: an efficient electrocatalyst to realize N ₂ -to-NH ₃ conversion under ambient conditions. <i>Chemical Communications</i> , 2020, 56, 9328-9331.	4.2	56
370	Large-Scale Synthesis of Micrometer-Scale Single-Crystalline Au Plates of Nanometer Thickness by a Wet-Chemical Route. <i>Angewandte Chemie</i> , 2004, 116, 6520-6523.	2.1	55
371	High-Efficiency and Durable Water Oxidation under Mild pH Conditions: An Iron Phosphate-Borate Nanosheet Array as a Non-Noble-Metal Catalyst Electrode. <i>Inorganic Chemistry</i> , 2017, 56, 3131-3135.	4.2	55
372	High-Performance Non-Enzyme Hydrogen Peroxide Detection in Neutral Solution: Using a Nickel Borate Nanoarray as a 3D Electrochemical Sensor. <i>Chemistry - A European Journal</i> , 2017, 23, 16179-16183.	3.9	55
373	Heterostructured SnS/TiO ₂ @C hollow nanospheres for superior lithium and sodium storage. <i>Nanoscale</i> , 2019, 11, 12846-12852.	5.8	55
374	Sn dendrites for electrocatalytic N ₂ reduction to NH ₃ under ambient conditions. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4469-4472.	4.8	55
375	Mixing Aqueous Ferric Chloride and <i>o</i> -Phenylenediamine Solutions at Room Temperature: A Fast, Economical Route to Ultralong Microfibrils of Assembled <i>o</i> -Phenylenediamine Dimers. <i>Langmuir</i> , 2007, 23, 10441-10444.	3.7	54
376	A novel fluorescent aptasensor for thrombin detection: using poly(<i>m</i> -phenylenediamine) rods as an effective sensing platform. <i>Chemical Communications</i> , 2011, 47, 3927.	4.2	54
377	Poly(<i>o</i> -phenylenediamine) Colloid-Quenched Fluorescent Oligonucleotide as a Probe for Fluorescence-Enhanced Nucleic Acid Detection. <i>Langmuir</i> , 2011, 27, 874-877.	3.7	54
378	Surface Amorphization: A Simple and Effective Strategy toward Boosting the Electrocatalytic Activity for Alkaline Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8518-8522.	6.9	54

#	ARTICLE	IF	CITATIONS
379	<i>In situ</i> development of amorphous MnCo ₂ O ₄ nanowire array for superior oxygen evolution electrocatalysis in alkaline media. <i>Chemical Communications</i> , 2018, 54, 1077-1080.	4.2	54
380	Enabling electrochemical conversion of N ₂ to NH ₃ under ambient conditions by a CoP ₃ nanoneedle array. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17956-17959.	10.5	54
381	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
382	A novel single-labeled fluorescent oligonucleotide probe for silver(⁺) ion detection based on the inherent quenching ability of deoxyguanosines. <i>Analyst</i> , 2011, 136, 891-893.	3.5	53
383	A new application of mesoporous carbon microparticles to nucleic acid detection. <i>Journal of Materials Chemistry</i> , 2011, 21, 339-341.	6.7	53
384	A visible light photoredox catalyzed carbon radical-mediated generation of <i>ortho</i> -quinone methides for 2,3-dihydrobenzofuran synthesis. <i>Chemical Communications</i> , 2019, 55, 3117-3120.	4.2	53
385	Ambient N ₂ -to-NH ₃ fixation over a CeO ₂ nanoparticle decorated three-dimensional carbon skeleton. <i>Sustainable Energy and Fuels</i> , 2022, 6, 3344-3348.	4.8	53
386	A point mutation in the murine <i>Hem1</i> gene reveals an essential role for Hematopoietic Protein 1 in lymphopoiesis and innate immunity. <i>Journal of Experimental Medicine</i> , 2008, 205, 2899-2913.	8.8	52
387	Discovery of VHE γ -rays from the high-frequency-peaked BL Lacertae object RGB J0152+017. <i>Astronomy and Astrophysics</i> , 2008, 481, L103-L107.	5.3	52
388	A novel strategy to synthesize Au nanoplates and their application for enzymeless H ₂ O ₂ detection. <i>Electrochimica Acta</i> , 2012, 60, 13-16.	5.4	52
389	Photoassisted Preparation of Cobalt Phosphate/Graphene Oxide Composites: A Novel Oxygen-Evolving Catalyst with High Efficiency. <i>Small</i> , 2013, 9, 2709-2714.	11.2	52
390	Chemoselective Suzuki-Miyaura Cross-Coupling via Kinetic Transmetalation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1249-1253.	14.8	52
391	Bimetallic NiCoP Nanosheets Array for High-Performance Urea Electro-Oxidation and Less Energy-Intensive Electrolytic Hydrogen Production. <i>ChemistrySelect</i> , 2017, 2, 10285-10289.	1.6	52
392	Electrospun TiC/C nanofibers for ambient electrocatalytic N ₂ reduction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19657-19661.	10.5	52
393	The "skin effect" of subsurface damage distribution in materials subjected to high-speed machining. <i>International Journal of Extreme Manufacturing</i> , 2019, 1, 012007.	12.8	52
394	FeOOH quantum dots decorated graphene sheet: An efficient electrocatalyst for ambient N ₂ reduction. <i>Nano Research</i> , 2020, 13, 209-214.	10.6	52
395	Nano-C ₆₀ as a novel, effective fluorescent sensing platform for mercury(II) ion detection at critical sensitivity and selectivity. <i>Nanoscale</i> , 2011, 3, 2155.	5.8	51
396	Ag@poly(m-phenylenediamine)-Ag core-shell nanoparticles: one-step preparation, characterization, and their application for H ₂ O ₂ detection. <i>Catalysis Science and Technology</i> , 2011, 1, 1393.	4.2	51

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397	One-pot green hydrothermal synthesis of CuO@Cu ₂ O@Cu nanorod-decorated reduced graphene oxide composites and their application in photocurrent generation. <i>Catalysis Science and Technology</i> , 2012, 2, 2227.	4.2	51
398	Albumin-based nanoparticles loaded with hydrophobic gadolinium chelates as T ₁ -weighted dual-mode contrast agents for accurate liver tumor imaging. <i>Nanoscale</i> , 2017, 9, 4516-4523.	5.8	51
399	Ti ³⁺ self-doped TiO ₂ nanowires for efficient electrocatalytic N ₂ reduction to NH ₃ . <i>Chemical Communications</i> , 2020, 56, 1074-1077.	4.2	51
400	A gradient hexagonal-prism Fe ₃ Se ₄ @SiO ₂ @C configuration as a highly reversible sodium conversion anode. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4087-4099.	10.5	51
401	Carbon nanospheres for fluorescent biomolecular detection. <i>Journal of Materials Chemistry</i> , 2011, 21, 4663.	6.7	50
402	PH-driven dissolution-precipitation: a novel route toward ultrathin Ni(OH) ₂ nanosheets array on nickel foam as binder-free anode for Li-ion batteries with ultrahigh capacity. <i>CrystEngComm</i> , 2013, 15, 8300.	2.4	50
403	Assessment of Regulatory Emotional Self-Efficacy Beliefs. <i>Journal of Psychoeducational Assessment</i> , 2015, 33, 24-32.	1.6	50
404	Ambient electrochemical N ₂ -to-NH ₃ fixation enabled by Nb ₂ O ₅ nanowire array. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 423-427.	6.0	50
405	An amorphous WC thin film enabled high-efficiency N ₂ reduction electrocatalysis under ambient conditions. <i>Chemical Communications</i> , 2021, 57, 7806-7809.	4.2	50
406	Expression of interleukin-6, interleukin-6 receptor, and glycoprotein 130 correlates with good prognoses for patients with breast carcinoma. <i>Cancer</i> , 2000, 88, 2061-2071.	4.1	49
407	A NiCo ₂ O ₄ @Ni@Co@Cu core-shell nanowire array as an efficient electrocatalyst for water oxidation at near-neutral pH. <i>Chemical Communications</i> , 2017, 53, 7812-7815.	4.2	49
408	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
409	An Mn-doped NiCoP flower-like structure as a highly efficient electrocatalyst for hydrogen evolution reaction in acidic and alkaline solutions with long duration. <i>Nanoscale</i> , 2021, 13, 11069-11076.	5.8	49
410	Pt Nanoparticles: Heat Treatment-Based Preparation and Ru(bpy) ₃ ²⁺ -Mediated Formation of Aggregates That Can Form Stable Films on Bare Solid Electrode Surfaces for Solid-State Electrochemiluminescence Detection. <i>Analytical Chemistry</i> , 2006, 78, 6674-6677.	6.8	48
411	Fc receptors as determinants of allergic reactions. <i>Trends in Immunology</i> , 2006, 27, 88-95.	6.8	48
412	One-step preparation of ZnO nanoparticle-decorated reduced graphene oxide composites and their application to photocurrent generation. <i>RSC Advances</i> , 2012, 2, 1318.	3.7	48
413	Nickel-iron foam as a three-dimensional robust oxygen evolution electrode with high activity. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 13258-13263.	7.2	48
414	Self-templating Construction of Hollow Amorphous CoMoS ₄ Nanotube Array towards Efficient Hydrogen Evolution Electrocatalysis at Neutral pH. <i>Chemistry - A European Journal</i> , 2017, 23, 12718-12723.	3.9	48

#	ARTICLE	IF	CITATIONS
415	Chronic Hypoxia Induces Prolonged Angiogenesis in Skeletal Muscles of Rat. <i>Experimental Physiology</i> , 2002, 87, 287-291.	2.0	47
416	Green photocatalytic synthesis of Ag nanoparticle-decorated TiO ₂ nanowires for nonenzymatic amperometric H ₂ O ₂ detection. <i>Electrochimica Acta</i> , 2012, 74, 275-279.	5.4	47
417	Reduced graphene oxide decorated with Fe ₃ O ₄ nanoparticles: Facile synthesis and application as a high capacity cathode material for rechargeable lithium batteries. <i>Electrochimica Acta</i> , 2013, 111, 80-85.	5.4	47
418	NixSy-MoS ₂ hybrid microspheres: One-pot hydrothermal synthesis and their application as a novel hydrogen evolution reaction electrocatalyst with enhanced activity. <i>Electrochimica Acta</i> , 2014, 137, 504-510.	5.4	47
419	A nickel-borate-phosphate nanoarray for efficient and durable water oxidation under benign conditions. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 840-844.	6.0	47
420	MOFs containing a linear bis-pyridyl-tris-amide and angular carboxylates: exploration of proton conductivity, water vapor and dye sorptions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 184-191.	6.0	47
421	Enabling the electrocatalytic fixation of N ₂ to NH ₃ by C-doped TiO ₂ nanoparticles under ambient conditions. <i>Nanoscale Advances</i> , 2019, 1, 961-964.	4.6	47
422	Electrocatalytic N ₂ reduction to NH ₃ with high Faradaic efficiency enabled by vanadium phosphide nanoparticle on V foil. <i>Nano Research</i> , 2020, 13, 2967-2972.	10.6	47
423	Heterogeneity within and between physician-diagnosed asthma and/or COPD: NOVELTY cohort. <i>European Respiratory Journal</i> , 2021, 58, 2003927.	7.5	47
424	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
425	Topotactic Conversion of Fe ₂ O ₃ Nanowires into FeP as a Superior Fluorosensor for Nucleic Acid Detection: Insights from Experiment and Theory. <i>Analytical Chemistry</i> , 2017, 89, 2191-2195.	6.8	46
426	Hierarchical CoTe ₂ Nanowire Array: An Effective Oxygen Evolution Catalyst in Alkaline Media. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4481-4485.	6.9	46
427	MnO ₂ nanoarrays: an efficient catalyst electrode for nitrite electroreduction toward sensing and NH ₃ synthesis applications. <i>Chemical Communications</i> , 2018, 54, 10340-10342.	4.2	46
428	Hierarchically porous N-doped carbon nanoflakes: Large-scale facile synthesis and application as an oxygen reduction reaction electrocatalyst with high activity. <i>Carbon</i> , 2014, 78, 60-69.	10.7	45
429	Highly efficient two-electron electroreduction of oxygen into hydrogen peroxide over Cu-doped TiO ₂ . <i>Nano Research</i> , 2022, 15, 3880-3885.	10.6	45
430	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
431	Polydopamine nanospheres: A biopolymer-based fluorescent sensing platform for DNA detection. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 567-571.	8.0	44
432	Holey graphene nanosheets: large-scale rapid preparation and their application toward highly-effective water cleaning. <i>Nanoscale</i> , 2014, 6, 11659-11663.	5.8	44

#	ARTICLE	IF	CITATIONS
433	Fe-doped CoP nanosheet arrays: an efficient bifunctional catalyst for zinc-air batteries. <i>Chemical Communications</i> , 2018, 54, 7693-7696.	4.2	44
434	Synthesis of a Novel Disperse Reactive Dye Involving a Versatile Bridge Group for the Sustainable Coloration of Natural Fibers in Supercritical Carbon Dioxide. <i>Advanced Science</i> , 2019, 6, 1801368.	12.4	44
435	Formation of o-Phenylenediamine Oligomers and their Self-Assembly into One-Dimensional Structures in Aqueous Medium. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1504-1508.	4.4	43
436	Threshold of a Random Laser with Cold Atoms. <i>Physical Review Letters</i> , 2009, 102, 173903.	8.0	43
437	Carboxyl functionalized mesoporous polymer: A novel peroxidase-like catalyst for H ₂ O ₂ detection. <i>Analytical Methods</i> , 2011, 3, 1475.	2.7	43
438	Fabrication of Ni(OH) ₂ coated ZnO array for high-rate pseudocapacitive energy storage. <i>Electrochimica Acta</i> , 2013, 109, 252-255.	5.4	43
439	Standardised Registration of Surgical Complications in Laparoscopic-Gynaecological Therapeutic Procedures Using the Clavien-Dindo Classification. <i>Geburtshilfe Und Frauenheilkunde</i> , 2014, 74, 752-758.	0.4	43
440	Three-Dimensional Nickel-Borate Nanosheets Array for Efficient Oxygen Evolution at Near-Neutral pH. <i>Chemistry - A European Journal</i> , 2017, 23, 6959-6963.	3.9	43
441	FeMoO ₄ 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
442	A MnS/FeS ₂ heterostructure with a high degree of lattice matching anchored into carbon skeleton for ultra-stable sodium-ion storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 24024-24035.	10.5	43
443	High-efficiency electrosynthesis of ammonia with selective reduction of nitrite over an Ag nanoparticle-decorated TiO ₂ nanoribbon array. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 1431-1435.	6.0	43
444	Photochemical preparation of fluorescent 2,3-diaminophenazine nanoparticles for sensitive and selective detection of Hg(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 886-890.	8.0	42
445	Low-Cost Layered K _{0.45} Mn _{0.9} Mg _{0.1} O ₂ as a High-Performance Cathode Material for K-ion Batteries. <i>ChemElectroChem</i> , 2019, 6, 2308-2315.	3.5	42
446	Boosting electrochemical nitrite-ammonia conversion properties by a Cu foam@Cu ₂ O catalyst. <i>Chemical Communications</i> , 2022, 58, 517-520.	4.2	42
447	Descriptive Sensory Assessment of Beef Steaks by Category Scaling, Line Scaling and Magnitude Estimation. <i>Journal of Food Science</i> , 1985, 50, 495-500.	3.2	41
448	Visual impairment in FOXP1-mutated individuals and mice. <i>Neuroscience</i> , 2016, 324, 496-508.	2.4	41
449	Co-based nanowire films as complementary hydrogen- and oxygen-evolving electrocatalysts in neutral electrolyte. <i>Catalysis Science and Technology</i> , 2017, 7, 2689-2694.	4.2	41
450	Co-MOF Nanosheet Arrays for Efficient Alkaline Oxygen Evolution Electrocatalysis. <i>ChemNanoMat</i> , 2021, 7, 906-909.	2.9	41

#	ARTICLE	IF	CITATIONS
451	Benzoate Anions-Intercalated Layered Nickel Hydroxide Nanobelts Array: An Earth-Abundant Electrocatalyst with Greatly Enhanced Oxygen Evolution Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9625-9629.	6.9	40
452	Monolithically integrated NiCoP nanosheet array on Ti mesh: An efficient and reusable catalyst in NaBH ₄ alkaline media toward on-demand hydrogen generation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19028-19034.	7.2	40
453	La ₂ O ₃ nanoplate: An efficient electrocatalyst for artificial N ₂ fixation to NH ₃ with excellent selectivity at ambient condition. <i>Electrochimica Acta</i> , 2019, 298, 106-111.	5.4	40
454	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
455	A FeCo ₂ O ₄ nanowire array enabled electrochemical nitrate conversion to ammonia. <i>Chemical Communications</i> , 2022, 58, 4480-4483.	4.2	40
456	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
457	Multiple-scale modelling of forest snow sublimation: initial findings. <i>Hydrological Processes</i> , 2000, 14, 2669-2681.	2.6	39
458	Hematite nanorods array on carbon cloth as an efficient 3D oxygen evolution anode. <i>Electrochemistry Communications</i> , 2014, 49, 21-24.	4.8	39
459	WO ₃ Nanoarray: An Efficient Electrochemical Oxygen Evolution Catalyst Electrode Operating in Alkaline Solution. <i>Inorganic Chemistry</i> , 2017, 56, 14743-14746.	4.2	39
460	Multifaceted Mechanisms of Action of Metformin Which Have Been Unraveled One after Another in the Long History. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2596.	4.2	39
461	Bi nanodendrites for highly efficient electrocatalytic NO reduction to NH ₃ at ambient conditions. <i>Materials Today Physics</i> , 2022, 22, 100611.	6.3	39
462	In situ growth of nickel selenide nanowire arrays on nickel foil for methanol electro-oxidation in alkaline media. <i>RSC Advances</i> , 2015, 5, 87051-87054.	3.7	38
463	Host-guest composite organic microlasers. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5600-5609.	5.6	38
464	Boosting Photoelectrochemical Water Splitting by TENG-Charged Li-Ion Battery. <i>Advanced Energy Materials</i> , 2017, 7, 1700124.	22.2	38
465	Ambient electrocatalytic N ₂ reduction to NH ₃ by metal fluorides. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17761-17765.	10.5	38
466	Environmentally friendly Mn-alloyed core/shell quantum dots for high-efficiency photoelectrochemical cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10736-10741.	10.5	38
467	Recent advances in MoS ₂ -based materials for electrocatalysis. <i>Chemical Communications</i> , 2022, 58, 2259-2278.	4.2	38
468	Microwave-assisted rapid synthesis of Pt/graphene nanosheet composites and their application for methanol oxidation. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4731-4737.	2.0	37

#	ARTICLE	IF	CITATIONS
469	Surface-initiated ring-opening metathesis polymerisation from cellulose fibres. <i>Polymer Chemistry</i> , 2012, 3, 727.	4.0	37
470	A multiobjective optimization framework for design of integrated biorefineries under uncertainty. <i>AIChE Journal</i> , 2015, 61, 3208-3222.	3.6	37
471	A Ni ₃ N-Co ₃ N hybrid nanowire array electrode for high-performance nonenzymatic glucose detection. <i>Analytical Methods</i> , 2018, 10, 1680-1684.	2.7	37
472	Development and Validation of a Pragmatic Electronic Phenotype for CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1306-1314.	4.4	37
473	An Fe ₂ O ₃ nanoparticle-reduced graphene oxide composite for ambient electrocatalytic N ₂ reduction to NH ₃ . <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2682-2685.	6.0	37
474	Coralloid Au enables high-performance Zn-CO ₂ battery and self-driven CO production. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21024-21031.	10.5	37
475	Bi nanoparticles/carbon nanosheet composite: A high-efficiency electrocatalyst for NO reduction to NH ₃ . <i>Nano Research</i> , 2022, 15, 5032-5037.	10.6	37
476	FeS ₂ @TiO ₂ nanobelt array enabled high-efficiency electrocatalytic nitrate reduction to ammonia. <i>Journal of Materials Chemistry A</i> , 2022, 10, 24462-24467.	10.5	37
477	High-efficiency electroreduction of nitrite to ammonia on a Cu@TiO ₂ nanobelt array. <i>Chemical Communications</i> , 2023, 59, 1625-1628.	4.2	37
478	DyF ₃ : An Efficient Electrocatalyst for N ₂ Fixation to NH ₃ under Ambient Conditions. <i>Chemistry - an Asian Journal</i> , 2020, 15, 487-489.	3.5	36
479	CoTe nanoparticle-embedded N-doped hollow carbon polyhedron: an efficient catalyst for H ₂ O ₂ electrosynthesis in acidic media. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21703-21707.	10.5	36
480	Amorphous CoB nanoarray as a high-efficiency electrocatalyst for nitrite reduction to ammonia. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 6075-6079.	6.0	36
481	Enhanced electrocatalytic nitrite reduction to ammonia over P-doped TiO ₂ nanobelt array. <i>Journal of Materials Chemistry A</i> , 2022, 10, 23494-23498.	10.5	36
482	Submicrometre-scale polyaniline colloidal spheres: photopolymerization preparation using fluorescent carbon nitride dots as a photocatalyst. <i>Catalysis Science and Technology</i> , 2012, 2, 711.	4.2	35
483	Carbon nitride dots can serve as an effective stabilizing agent for reduced graphene oxide and help in subsequent assembly with glucose oxidase into hybrids for glucose detection application. <i>Electrochimica Acta</i> , 2013, 95, 260-267.	5.4	35
484	N-Doped Carbon-Coated Tungsten Oxynitride Nanowire Arrays for Highly Efficient Electrochemical Hydrogen Evolution. <i>ChemSusChem</i> , 2015, 8, 2487-2491.	7.5	35
485	Cobalt Phosphide Nanowires: Efficient Nanostructures for Fluorescence Sensing of Biomolecules and Photocatalytic Evolution of Dihydrogen from Water under Visible Light. <i>Angewandte Chemie</i> , 2015, 127, 5583-5587.	2.1	35
486	Improvement of vascular function by magnetic nanoparticle-assisted circumferential gene transfer into the native endothelium. <i>Journal of Controlled Release</i> , 2016, 241, 164-173.	10.2	34

#	ARTICLE	IF	CITATIONS
487	Remarkable enhancement of the alkaline oxygen evolution reaction activity of NiCo ₂ O ₄ by an amorphous borate shell. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1546-1550.	6.0	34
488	A novel mitochondria-targeted ratiometric fluorescent probe for endogenous sulfur dioxide derivatives as a cancer-detecting tool. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5722-5728.	5.9	34
489	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
490	CdS quantum dots as a fluorescent sensing platform for nucleic acid detection. <i>Mikrochimica Acta</i> , 2011, 175, 355-359.	5.2	33
491	Poly(m-Phenylenediamine) Nanospheres and Nanorods: Selective Synthesis and Their Application for Multiplex Nucleic Acid Detection. <i>PLoS ONE</i> , 2011, 6, e20569.	2.5	33
492	One-pot synthesis of Au nanoparticles/reduced graphene oxide nanocomposites and their application for electrochemical H ₂ O ₂ , glucose, and hydrazine sensing. <i>Gold Bulletin</i> , 2014, 47, 3-8.	2.4	33
493	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
494	An exquisite branch-like leaf shaped metal sulfoselenide composite endowing an ultrastable sodium-storage lifespan over 10 ⁴ cycles. <i>Journal of Materials Chemistry A</i> , 2022, 10, 16962-16975.	10.5	33
495	Fractures and Dislocations of the Tarsal Navicular. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2016, 24, 379-389.	2.5	32
496	Core-Shell Structured Ni ₂ @Ni ₃ S ₂ Nanoarray for Efficient Water Oxidation at Near-Neutral pH. <i>ChemCatChem</i> , 2017, 9, 3138-3143.	3.8	32
497	Selective-releasing-affected lubricant mechanism of a self-assembled MoS ₂ /MoS ₂ nanoperiod multilayer film sliding in diverse atmospheres. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8161-8173.	2.9	32
498	A Branch-like Copper Oxide Nanowire Array as an Efficient, Durable, and Economical Catalyst for the Methanolysis of Ammonia Borane. <i>ChemCatChem</i> , 2018, 10, 710-715.	3.8	32
499	A novel acid-driven, microwave-assisted, one-pot strategy toward rapid production of graphitic N-doped carbon nanoparticles-decorated carbon flakes from N,N-dimethylformamide and their application in removal of dye from water. <i>RSC Advances</i> , 2012, 2, 4632.	3.7	31
500	Application of Zeolitic Imidazolate Framework ⁸ Nanoparticles for the Fluorescence-Enhanced Detection of Nucleic Acids. <i>ChemPlusChem</i> , 2012, 77, 23-26.	3.1	31
501	Cobalt phosphide nanowires: an efficient electrocatalyst for enzymeless hydrogen peroxide detection. <i>Nanotechnology</i> , 2016, 27, 33LT01.	2.7	31
502	Finite-time synchronization of fractional-order simplest two-component chaotic oscillators. <i>European Physical Journal B</i> , 2017, 90, 1.	1.6	31
503	CaMoO ₄ nanosheet arrays for efficient and durable water oxidation electrocatalysis under alkaline conditions. <i>Chemical Communications</i> , 2018, 54, 5066-5069.	4.2	31
504	A comparative study of electrocatalytic oxidation of glucose on conductive Ni-MOF nanosheet arrays with different ligands. <i>New Journal of Chemistry</i> , 2020, 44, 17849-17853.	2.7	31

#	ARTICLE	IF	CITATIONS
505	Magnetron sputtering enabled synthesis of nanostructured materials for electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20260-20285.	10.5	31
506	Development of a High Protein Beverage Based on Amaranth. <i>Plant Foods for Human Nutrition</i> , 2020, 75, 599-607.	3.3	31
507	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
508	Coordination polymer nanobelts for nucleic acid detection. <i>Nanotechnology</i> , 2011, 22, 195502.	2.7	30
509	Effect of additional surgery after noncurative endoscopic submucosal dissection for early gastric cancer. <i>Endoscopy International Open</i> , 2016, 04, E24-E29.	1.7	30
510	3D hierarchical CuO/Co ₃ O ₄ core-shell nanowire array on copper foam for on-demand hydrogen generation from alkaline NaBH ₄ solution. <i>RSC Advances</i> , 2016, 6, 88846-88850.	3.7	30
511	Electrochemical Hydrazine Oxidation Catalyzed by Iron Phosphide Nanosheets Array toward Energy-efficient Electrolytic Hydrogen Production from Water. <i>ChemistrySelect</i> , 2017, 2, 3401-3407.	1.6	30
512	Co ₃ O ₄ Nanowire Arrays toward Superior Water Oxidation Electrocatalysis in Alkaline Media by Surface Amorphization. <i>Chemistry - A European Journal</i> , 2017, 23, 15601-15606.	3.9	30
513	Cu ₃ Mo ₂ O ₉ Nanosheet Array as a High-Efficiency Oxygen Evolution Electrode in Alkaline Solution. <i>Inorganic Chemistry</i> , 2018, 57, 1220-1225.	4.2	30
514	Pushing the limits of applicability of REBCO coated conductor films through fine chemical tuning and nanoengineering of inclusions. <i>Nanoscale</i> , 2018, 10, 8187-8195.	5.8	30
515	A Br ⁻ anion adsorbed porous Ag nanowire film: <i>in situ</i> electrochemical preparation and application toward efficient CO ₂ electroreduction to CO with high selectivity. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2238-2241.	6.0	30
516	Three-dimensional measurement and visualization of morphogenesis applied to cardiac embryology. <i>Journal of Microscopy</i> , 2007, 225, 269-274.	2.0	29
517	Electrostatic-Assembly-Driven Formation of Micrometer-Scale Supramolecular Sheets of (3-Aminopropyl)triethoxysilane(APTES)-HAuCl ₄ and Their Subsequent Transformation into Stable APTES Bilayer-Capped Gold Nanoparticles through a Thermal Process. <i>Langmuir</i> , 2010, 26, 6133-6135.	3.7	29
518	Carbon nanofiber-templated mesoporous TiO ₂ nanotubes as a high-capacity anode material for lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 9061.	3.7	29
519	Self-supported Ni ₃ S ₂ @Ni ₂ P/MoS ₂ heterostructures on nickel foam for an outstanding oxygen evolution reaction and efficient overall water splitting. <i>Dalton Transactions</i> , 2021, 50, 15094-15102.	3.4	29
520	High-performance electrochemical nitrate reduction to ammonia under ambient conditions using NiFe ₂ O ₄ nanosheet arrays. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3392-3397.	6.0	29
521	Designing electrocatalysts for seawater splitting: surface/interface engineering toward enhanced electrocatalytic performance. <i>Green Chemistry</i> , 2023, 25, 3767-3790.	9.4	29
522	Nucleotide and amino acid sequences of embryonic rat MAP2c. <i>Nucleic Acids Research</i> , 1990, 18, 361-361.	14.0	28

#	ARTICLE	IF	CITATIONS
523	Coordination Polymer Nanobelts as an Effective Sensing Platform for Fluorescence-enhanced Nucleic Acid Detection. <i>Macromolecular Rapid Communications</i> , 2011, 32, 899-904.	4.4	28
524	Anionic Siliconoids from Zintl Phases: R_3Si_9 with Six and R_2Si_9 with Seven Unsubstituted Exposed Silicon Cluster Atoms ($R=Si(tBu)_2H$). <i>Chemistry - A European Journal</i> , 2018, 24, 19171-19174.	3.9	28
525	An unexpected multi-component one-pot cascade reaction to access furanobenzodihydropyran-fused polycyclic heterocycles. <i>Chemical Communications</i> , 2019, 55, 5207-5210.	4.2	28
526	Highly Selective Electrochemical Reduction of CO_2 to Alcohols on an FeP Nanoarray. <i>Angewandte Chemie</i> , 2020, 132, 768-772.	2.1	28
527	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
528	Aliovalent doping engineering enables multiple modulations of FeS_2 anodes to achieve fast and durable sodium storage. <i>Journal of Materials Chemistry A</i> , 2022, 10, 21149-21160.	10.5	28
529	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
530	Hydrothermal synthesis of ultra-highly concentrated, well-stable Ag nanoparticles and their application for enzymeless hydrogen peroxide detection. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2689-2695.	2.0	27
531	Cobalt Carbonate Hydroxide Nanowire Array on Ti Mesh: An Efficient and Robust 3D Catalyst for On-demand Hydrogen Generation from Alkaline $NaBH_4$ Solution. <i>Chemistry - A European Journal</i> , 2016, 22, 14831-14835.	3.9	27
532	Highly efficient and durable water oxidation in a near-neutral carbonate electrolyte electrocatalyzed by a core-shell structured $NiO@Ni-Ci$ nanosheet array. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1287-1291.	4.8	27
533	Adsorption and desorption behaviors of cesium on rayon fibers coated with chitosan immobilized with Prussian blue. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1509-1516.	7.7	27
534	Synergistic electrocatalytic N_2 reduction using a PTCA nanorod-rGO hybrid. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12446-12450.	10.5	27
535	Unusual electrochemical N_2 reduction activity in an earth-abundant iron catalyst via phosphorous modulation. <i>Chemical Communications</i> , 2020, 56, 731-734.	4.2	27
536	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
537	Rapid preparation and characterization of uniform, large, spherical Ag particles through a simple wet-chemical route. <i>Journal of Colloid and Interface Science</i> , 2005, 290, 130-133.	9.6	26
538	One-Step Hydrothermal Synthesis of Ag Nanoparticle Decorated Submicrometer-Scale Spherical AgBr Colloids: A Highly Efficient Visible Light Plasmonic Photocatalyst for Degradation of Organic Dyes. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 67-71.	2.5	26
539	Self-standing cobalt oxide nanosheet array: An monolithic catalyst for effective hydrolysis of $NaBH_4$ in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30639-30645.	7.2	26
540	Porous $NiTe_2$ nanosheet array: An effective electrochemical sensor for glucose detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 274, 427-432.	8.0	26

#	ARTICLE	IF	CITATIONS
541	Nickel-carbonate nanowire array: An efficient and durable electrocatalyst for water oxidation under nearly neutral conditions. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 467-472.	4.5	26
542	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
543	High-efficiency NO electroreduction to NH ₃ over honeycomb carbon nanofiber at ambient conditions. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 261-267.	9.6	26
544	A novel application of porphyrin nanoparticles as an effective fluorescent assay platform for nucleic acid detection. <i>RSC Advances</i> , 2011, 1, 36.	3.7	25
545	Novel Use of Poly(3,4-ethylenedioxythiophene) Nanoparticles for Fluorescent Nucleic Acid Detection. <i>ACS Combinatorial Science</i> , 2012, 14, 191-196.	3.8	25
546	Ternary Nanocomposites of Porphyrin, Angular Au Nanoparticles and Reduced Graphene Oxide: Photocatalytic Synthesis and Enhanced Photocurrent Generation. <i>ChemCatChem</i> , 2012, 4, 1079-1083.	3.8	25
547	Enhanced electrocatalytic N ₂ -to-NH ₃ fixation by ZrS ₂ nanofibers with a sulfur vacancy. <i>Chemical Communications</i> , 2020, 56, 14031-14034.	4.2	25
548	Clinical Trial in a Dish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1019-1031.	4.7	25
549	Arbuscular Mycorrhizal Fungal Communities in the Soils of Desert Habitats. <i>Microorganisms</i> , 2021, 9, 229.	3.6	25
550	Cytoprotective and Antioxidant Effects of an Edible Herb, <i>Enhydra fluctuans</i> Lour. (Asteraceae), against Experimentally Induced Lead Acetate Intoxication. <i>PLoS ONE</i> , 2016, 11, e0148757.	2.5	25
551	WO ₂ 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
552	Prenatal development of the retinohypothalamic pathway and the suprachiasmatic nucleus in the sheep. <i>Journal of Comparative Neurology</i> , 1993, 338, 304-316.	2.0	24
553	Characterization of Ehaj, a New Autotransporter Protein from Enterohemorrhagic and Enteropathogenic <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2011, 2, 120.	3.6	24
554	Novel synthesis of Au nanoparticles using fluorescent carbon nitride dots as photocatalyst. <i>Gold Bulletin</i> , 2012, 45, 61-67.	2.4	24
555	An online damage identification approach for numerical control machine tools based on data fusion using vibration signals. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 2925-2936.	2.7	24
556	Programmable unidirectional liquid transport on peristome-mimetic surfaces under liquid environments. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18244-18248.	10.5	24
557	Sleep trajectories and mediators of poor sleep: findings from the longitudinal analysis of 41,094 participants of the UK Biobank cohort. <i>Sleep Medicine</i> , 2020, 76, 120-127.	2.3	24
558	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

#	ARTICLE	IF	CITATIONS
559	Identification of the slower secondary relaxation's nature in maltose by means of theoretical and dielectric studies. <i>Journal of Chemical Physics</i> , 2009, 131, 125103.	3.1	23
560	Effects of smoking on otologic surgery outcomes. <i>Laryngoscope</i> , 2009, 119, 1384-1390.	2.1	23
561	$P \rightarrow V$ criticality in the extended phase space of charged accelerating AdS black holes. <i>Modern Physics Letters A</i> , 2016, 31, 1650199.	1.2	23
562	Large-scale synthesis of coordination polymer microdendrites and their application as a sensing platform for fluorescent DNA detection. <i>RSC Advances</i> , 2011, 1, 725.	3.7	22
563	A Novel Single-Labeled Fluorescent Oligonucleotide Probe for Mercury(II) Ion Detection: Using the Inherent Quenching of Deoxyguanosines. <i>Journal of Fluorescence</i> , 2011, 21, 1049-1052.	2.6	22
564	Environmentally Friendly Photocatalytic Synthesis of Porphyrin/Ag Nanoparticles/Reduced Graphene Oxide Ternary Nanohybrids Having Superior Catalytic Activity. <i>ChemPlusChem</i> , 2012, 77, 545-550.	3.1	22
565	Reduction in cardiolipin decreases mitochondrial spare respiratory capacity and increases glucose transport into and across human brain cerebral microvascular endothelial cells. <i>Journal of Neurochemistry</i> , 2016, 139, 68-80.	4.0	22
566	Poly(I:C) Potentiates T Cell Immunity to a Dendritic Cell Targeted HIV-Multiepitope Vaccine. <i>Frontiers in Immunology</i> , 2019, 10, 843.	4.9	22
567	Oxygen-Doped Porous Carbon Nanosheet for Efficient N_2 Fixation to NH_3 at Ambient Conditions. <i>ChemistrySelect</i> , 2019, 4, 3547-3550.	1.6	22
568	Greatly enhanced electrochemical nitrate-to-ammonia conversion over an Fe-doped TiO_2 nanoribbon array. <i>Green Chemistry</i> , 2022, 24, 7913-7917.	9.4	22
569	Integrating $RuO_2@TiO_2$ catalyzed electrochemical chlorine evolution with a NO oxidation reaction for nitrate synthesis. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 2100-2106.	6.0	22
570	Glassy behavior of a homopolymer from molecular dynamics simulations. <i>Physical Review E</i> , 2002, 65, 030801.	2.1	21
571	Massenhaftes Auftreten von Mykotoxikosen im Komitat Hajdu-Bihar: Mass Incidence of Mycotoxicoses in Hajdu-Bihar County. <i>Mycoses</i> , 1980, 23, 130-133.	4.2	21
572	Selective accumulation of virus-specific CD8+ T cells within the peripheral blood stem cell compartment. <i>Blood</i> , 2009, 114, 2001-2003.	1.4	21
573	Titanium silicalite-1 zeolite microparticles for enzymeless H_2O_2 detection. <i>Analyst</i> , 2011, 136, 2037.	3.5	21
574	Ni nanoparticles-graphene hybrid film: one-step electrodeposition preparation and application as highly efficient oxygen evolution reaction electrocatalyst. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 1165-1170.	2.9	21
575	Anion-exchange synthesis of a nanoporous crystalline CoB_2O_4 nanowire array for high-performance water oxidation electrocatalysis in borate solution. <i>Nanoscale</i> , 2017, 9, 12343-12347.	5.8	21
576	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

#	ARTICLE	IF	CITATIONS
577	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
578	BCNO nanoparticles: A novel highly efficient fluorosensor for ultrarapid detection of Cu ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 492-497.	8.0	20
579	The effect of embryonic development on metal and calcium content in eggs and eggshells in a small passerine. <i>Ibis</i> , 2016, 158, 144-154.	2.0	20
580	Cobalt phosphide nanowall arrays supported on carbon cloth: an efficient monolithic non-noble-metal hydrogen evolution catalyst. <i>Nanotechnology</i> , 2016, 27, 475702.	2.7	20
581	Magnetism and plasmonic performance of mesoscopic hollow ceria spheres decorated with silver nanoparticles. <i>Nanoscale</i> , 2019, 11, 3574-3582.	5.8	20
582	Electrocatalytic two-electron oxygen reduction over nitrogen doped hollow carbon nanospheres. <i>Chemical Communications</i> , 2022, 58, 5025-5028.	4.2	20
583	Fluorescence resonance energy transfer dye-labeled probe for fluorescence-enhanced DNA detection: An effective strategy to greatly improve discrimination ability toward single-base mismatch. <i>Biosensors and Bioelectronics</i> , 2011, 27, 167-171.	10.4	19
584	A novel solid-state fractionation of naphthenic acid fraction components from oil sands process-affected water. <i>Chemosphere</i> , 2015, 136, 252-258.	8.4	19
585	A one step method for the functional and property modification of DOPA based nanocoatings. <i>Nanoscale</i> , 2017, 9, 12409-12415.	5.8	19
586	A Cr-FeOOH@Ni ²⁺ /NF binder-free electrode as an excellent oxygen evolution reaction electrocatalyst. <i>Nanoscale</i> , 2021, 13, 17003-17010.	5.8	19
587	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
588	Mesoporous carbon microparticles as a novel fluorescent sensing platform for thrombin detection. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3876-3880.	10.4	18
589	Fabrication of Non-Stoichiometric Titanium Dioxide by Spark Plasma Sintering and Its Thermoelectric Properties. <i>Materials Transactions</i> , 2012, 53, 1208-1211.	1.3	18
590	Self-supported spinel FeCo ₂ O ₄ nanowire array: an efficient non-noble-metal catalyst for the hydrolysis of NaBH ₄ toward on-demand hydrogen generation. <i>Nanotechnology</i> , 2016, 27, 46LT03.	2.7	18
591	A MoN nanosheet array supported on carbon cloth as an efficient electrochemical sensor for nitrite detection. <i>Analyst</i> , 2019, 144, 5378-5380.	3.5	18
592	Structural and magnetic studies of K _{0.5} O ₄ , a 5d ¹ quantum magnet oxide. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 7261-7264.	2.9	18
593	Electrostatic-Assembly-Driven Formation of Supramolecular Rhombus Microparticles and Their Application for Fluorescent Nucleic Acid Detection. <i>PLoS ONE</i> , 2011, 6, e18958.	2.5	18
594	Genetic variability of the length of postpartum anoestrus in Charolais cows and its relationship with age at puberty. <i>Genetics Selection Evolution</i> , 2000, 32, 403-14.	3.0	17

#	ARTICLE	IF	CITATIONS
595	A Pilot Study on Performance of a Membrane Bio-Reactor in Treating Fresh Water Sewage and Saline Sewage in Hong Kong. Separation Science and Technology, 2006, 41, 1253-1264.	2.5	17
596	Synthesis of a MnO ₂ Nanosheet/Graphene Flake Composite and Its Application as a Supercapacitor having High Rate Capability. ChemPlusChem, 2012, 77, 872-876.	3.1	17
597	Facile synthesis of MWCNTs/Ag ₃ PO ₄ : novel photocatalysts with enhanced photocatalytic activity under visible light. Journal of Nanoparticle Research, 2013, 15, 1.	2.0	17
598	Cobalt phosphide nanowall array as an efficient 3D catalyst electrode for methanol electro-oxidation. Nanotechnology, 2016, 27, 44LT02.	2.7	17
599	Innate immune cell responses in non pathogenic versus pathogenic SIV infections. Current Opinion in Virology, 2016, 19, 37-44.	5.6	17
600	Replacing oxygen evolution with sodium sulfide electro-oxidation toward energy-efficient electrochemical hydrogen production: Using cobalt phosphide nanoarray as a bifunctional catalyst. International Journal of Hydrogen Energy, 2017, 42, 26289-26295.	7.2	17
601	Fe ₂ Ni ₂ N nanosheet array: an efficient non-noble-metal electrocatalyst for non-enzymatic glucose sensing. Nanotechnology, 2017, 28, 365503.	2.7	17
602	Nanowire of WP as a High-Performance Anode Material for Sodium-Ion Batteries. Chemistry - A European Journal, 2019, 25, 971-975.	3.9	17
603	Ambient electrochemical N ₂ reduction to NH ₃ under alkaline conditions enabled by a layered K ₂ Ti ₄ O ₉ nanobelt. Chemical Communications, 2019, 55, 7546-7549.	4.2	17
604	Factors Influencing the Success of Peripheral Venous Access in Neonates. Journal of Pediatric Nursing, 2019, 47, e30-e35.	1.6	17
605	Practical and Scalable Organic Reactions with Flow Microwave Apparatus. Chemical Record, 2019, 19, 157-171.	6.5	17
606	Electrodepositing ultra-thin Ni(OH) ₂ amorphous film on Ni ₂ P nanosheets array: an efficient strategy toward greatly enhanced alkaline hydrogen evolution reaction. New Journal of Chemistry, 2018, 42, 11285-11288.	2.7	17
607	Co-NCNT nanohybrid as a highly active catalyst for the electroreduction of nitrate to ammonia. Chemical Communications, 2022, 58, 3787-3790.	4.2	17
608	NiWO ₄ nanoparticles with oxygen vacancies: high-efficiency electrosynthesis of ammonia with selective reduction of nitrite. Inorganic Chemistry Frontiers, 2023, 10, 3909-3915.	6.0	17
609	Poly(2,3-diaminonaphthalene) microspheres as a novel quencher for fluorescence-enhanced nucleic acid detection. Analyst, The, 2011, 136, 2221.	3.5	16
610	Medically Documented Suicide Ideation Among U.S. Army Soldiers. Suicide and Life-Threatening Behavior, 2017, 47, 612-628.	1.9	16
611	Fluorescence detection of glutathione S-transferases in a low GSH level environment. Chemical Communications, 2019, 55, 7219-7222.	4.2	16
612	Dysregulation of lncRNA and circRNA Expression in Mouse Testes after Exposure to Triptolide. Current Drug Metabolism, 2019, 20, 665-673.	1.3	16

#	ARTICLE	IF	CITATIONS
613	Enhanced electrocatalytic nitrate reduction to ammonia using plasma-induced oxygen vacancies in CoTiO ₃ nanofiber. Carbon Neutralization, 2022, 1, 6-13.	5.6	16
614	Ni nanoparticle-decorated biomass carbon for efficient electrocatalytic nitrite reduction to ammonia. Nanoscale, 2022, 14, 13073-13077.	5.8	16
615	CoS ₂ @TiO ₂ nanoarray: a heterostructured electrocatalyst for high-efficiency nitrate reduction to ammonia. Chemical Communications, 2022, 58, 12995-12998.	4.2	16
616	Redox mediators promote electrochemical oxidation of nitric oxide toward ambient nitrate synthesis. Journal of Materials Chemistry A, 2023, 11, 1098-1107.	10.5	16
617	Tetracyanoquinodimethane nanoparticles as an effective sensing platform for fluorescent nucleic acid detection. Analytical Methods, 2011, 3, 1051.	2.7	15
618	Rectangular Coordination Polymer Nanoplates: Large-Scale, Rapid Synthesis and Their Application as a Fluorescent Sensing Platform for DNA Detection. PLoS ONE, 2012, 7, e30426.	2.5	15
619	Single-stranded DNA-mediated Immobilization of Graphene on a Gold Electrode for Sensitive and Selective Determination of Dopamine. ChemPlusChem, 2012, 77, 19-22.	3.1	15
620	Modeling and simulation for fatigue life analysis of robots with flexible joints under percussive impact forces. Robotics and Computer-Integrated Manufacturing, 2016, 37, 292-301.	10.2	15
621	Cluster randomized control trial promoting child self-regulation around energy-dense food. Appetite, 2019, 133, 156-165.	4.0	15
622	A three-dimensional CoNi-MOF nanosheet array-based immunosensor for sensitive monitoring of human chorionic gonadotropin with core-shell ZnNi-MOF@Nile Blue nanotags. Analyst, The, 2020, 145, 8097-8103.	3.5	15
623	Shifting the O ₂ reduction pathway from H ₂ O to H ₂ O ₂ via in situ reconstruction of Ti ₂ O ₃ nanoparticles. Journal of Materials Chemistry A, 2023, 11, 22154-22160.	10.5	15
624	Fluorescence-Enhanced Potassium Ions Detection Based on Inherent Quenching Ability of Deoxyguanosines and K ⁺ -Induced Conformational Transition of G-Rich ssDNA from Duplex to G-Quadruplex Structures. Journal of Fluorescence, 2011, 21, 1841-1846.	2.6	14
625	Cellulose Conversion to 5-Hydroxymethyl Furfural (5-HMF) Using Al-Incorporated SBA-15 as Highly Efficient Catalyst. Journal of Chemistry, 2019, 2019, 1-8.	2.0	14
626	Organocatalytic enantioselective direct alkylation of phloroglucinol derivatives: asymmetric total synthesis of (+)-aflatoxin B ₂ . Chemical Communications, 2019, 55, 5171-5174.	4.2	14
627	Identifying Lysophosphatidic Acid Acyltransferase ¹ (LPAAT ¹) as the Target of a Nanomolar Angiogenesis Inhibitor from a Phenotypic Screen Using the Polypharmacology Browser PPB2. ChemMedChem, 2019, 14, 224-236.	3.4	14
628	A high-content image-based drug screen of clinical compounds against cell transmission of adenovirus. Scientific Data, 2020, 7, 265.	5.4	14
629	Oxidation-etching induced morphology regulation of Cu catalysts for high-performance electrochemical N ₂ reduction. EcoMat, 2020, 2, e12026.	12.0	14
630	Slavery in Northern Europe (Scandinavia and Iceland) and the British Isles, 500-1420. , 2021, , 482-507.		14

#	ARTICLE	IF	CITATIONS
631	Morphology and size-controllable preparation of silver nanostructures through a wet-chemical route at room temperature. <i>Inorganic Materials</i> , 2010, 46, 679-682.	0.8	13
632	Nanoporous molybdenum carbide nanowires: a novel sensing platform for DNA detection. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7173-7176.	5.9	13
633	Self-supported cobalt phosphate nanoarray with pseudocapacitive behavior: An efficient 3D anode material for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 848, 156285.	5.7	13
634	Design of Vacuum Post-Drying Procedures for Electrodes of Lithium-Ion Batteries. <i>Batteries and Supercaps</i> , 2021, 4, 1499-1515.	5.0	13
635	Direct eight-electron NO ₃ ⁻ -to-NH ₃ conversion: using a Co-doped TiO ₂ nanoribbon array as a high-efficiency electrocatalyst. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 6412-6417.	6.0	13
636	Electrocatalytic synthesis of C-N coupling compounds from CO ₂ and nitrogenous species. <i>SusMat</i> , 2024, 4, .	16.1	13
637	Bullying: the need for an interagency response. <i>BMJ: British Medical Journal</i> , 1999, 319, 330-331.	5.6	12
638	Polypyrrole colloidal nanospheres as an effective fluorescent sensing platform for DNA detection. <i>Synthetic Metals</i> , 2011, 161, 1766-1770.	4.1	12
639	Ni foam-supported NiCoP nanosheets as bifunctional electrocatalysts for efficient overall water splitting. <i>Chinese Journal of Catalysis</i> , 2019, 40, 1405-1407.	14.6	12
640	Self-assembly of graphene oxide sheets: the key step toward highly efficient desalination. <i>Nanoscale</i> , 2020, 12, 20749-20758.	5.8	12
641	A Non-Probiotic Fermented Soy Product Reduces Total and LDL Cholesterol: A Randomized Controlled Crossover Trial. <i>Nutrients</i> , 2021, 13, 535.	4.2	12
642	Epoxidation of olefins enabled by an electro-organic system. <i>Green Chemistry</i> , 2022, 24, 8264-8269.	9.4	12
643	Transfer and expression of heterologous genes in yeasts other than <i>Saccharomyces cerevisiae</i> . <i>Advances in Biochemical Engineering/Biotechnology</i> , 1990, 43, 75-102.	0.0	11
644	Statistical analysis of arsenic contamination in drinking water in a city of Iran and its modeling using GIS. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 230.	2.7	11
645	Self-supported Cu(OH) ₂ @Co ₂ CO ₃ (OH) ₂ core-shell nanowire array as a robust catalyst for ammonia-borane hydrolysis. <i>Nanotechnology</i> , 2017, 28, 045606.	2.7	11
646	Lesion Topography and Its Correlation With Etiology in Medullary Infarction: Analysis From a Multi-Center Stroke Study in China. <i>Frontiers in Neurology</i> , 2018, 9, 813.	2.5	11
647	Recommendations for estimating the moments of inertia of a tennis racket. <i>Sports Engineering</i> , 2019, 22, 1.	1.1	11
648	One-Step Preparation of Cobalt Nanoparticle-Embedded Carbon for Effective Water Oxidation Electrocatalysis. <i>ChemElectroChem</i> , 2019, 6, 1996-1999.	3.5	11

#	ARTICLE	IF	CITATIONS
649	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
650	Sharpness recognition based on synergy between bio-inspired nociceptors and tactile mechanoreceptors. <i>Scientific Reports</i> , 2021, 11, 2109.	3.4	11
651	Hierarchical CoS ₂ @NiFe-LDH as an efficient electrocatalyst for alkaline seawater oxidation. <i>Chemical Communications</i> , 2023, 59, 11244-11247.	4.2	11
652	Appearance of new proteins in water hyacinth weevils (<i>Nechetina eichhornae</i> Warner), under the influence of metal bioaccumulation. <i>Archives of Environmental Contamination and Toxicology</i> , 1992, 22, 214-218.	4.1	10
653	Erythropoietin production by macrophages in the regenerating liver. <i>Journal of Surgical Oncology</i> , 1985, 30, 184-197.	1.7	10
654	Variation in Estimated Medicare Prescription Drug Plan Costs and Affordability for Beneficiaries Living in Different States. <i>Journal of General Internal Medicine</i> , 2007, 22, 257-263.	2.7	10
655	Carbon nanobelts as a novel sensing platform for fluorescence-enhanced DNA detection. <i>Analyst</i> , The, 2014, 139, 2318.	3.5	10
656	An Hetero-epitaxially Grown Zeolite Membrane. <i>Angewandte Chemie</i> , 2019, 131, 18827-18835.	2.1	10
657	The synthesis of highly active carbon dot-coated gold nanoparticles <i>via</i> the room-temperature <i>in situ</i> carbonization of organic ligands for 4-nitrophenol reduction. <i>RSC Advances</i> , 2020, 10, 19419-19424.	3.7	10
658	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
659	Ultrathin single-crystal PtSe ₂ nanosheets for high-efficiency O ₂ electroreduction to H ₂ O ₂ . <i>Chemical Communications</i> , 2022, 58, 10683-10686.	4.2	10
660	A brush-like Cu ₂ O@CoO core-shell nanoarray: an efficient bifunctional electrocatalyst for overall seawater splitting. <i>Chemical Communications</i> , 2023, 59, 10303-10306.	4.2	10
661	Effect of anterior hypothalamic area lesions on photoperiod-induced shifts in reproductive activity of the ewe. <i>Endocrinology</i> , 1994, 135, 1816-1823.	2.8	9
662	Bamboo-like nitrogen-doped carbon nanotubes toward fluorescence recovery assay for DNA detection. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 37-42.	8.0	9
663	Effect of airflow and material models on tissue displacement for surgical planning of pharyngeal airways in pediatric down syndrome patients. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 71, 122-135.	3.1	9
664	Highly efficient production of rabies virus glycoprotein G ectodomain in Sf9 insect cells. <i>3 Biotech</i> , 2019, 9, 385.	2.4	9
665	The Primary Care Spend Model: a systems approach to measuring investment in primary care. <i>BMJ Global Health</i> , 2019, 4, e001601.	5.5	9
666	Intermolecular cyclotrimerization of haloketoalkynes and internal alkynes: facile access to arenes and phthalides. <i>Chemical Communications</i> , 2020, 56, 13417-13420.	4.2	9

#	ARTICLE	IF	CITATIONS
667	Assessment of anammox, microalgae and white-rot fungi-based processes for the treatment of textile wastewater. PLoS ONE, 2021, 16, e0247452.	2.5	9
668	Chromium doping enabled improvement in alkaline seawater oxidation over cobalt carbonate hydroxide nanowire array. Chemical Communications, 2023, 59, 9750-9753.	4.2	9
669	Synthesis and characterization of CuInS ₂ nanoflowers. Colloid Journal, 2010, 72, 282-285.	1.4	8
670	Diagnosis and Treatment of C4 Radiculopathy. Spine, 2016, 41, 1790-1794.	2.1	8
671	Serum cholesterol acceptor capacity in intrauterine growth restricted fetuses. Journal of Perinatal Medicine, 2017, 45, 829-835.	1.4	8
672	Enantioselective vinylation of aldehydes with the vinyl Grignard reagent catalyzed by magnesium complex of chiral BINOLs. Chirality, 2019, 31, 79-86.	2.8	8
673	Versatile composite hydrogels for drug delivery and beyond. Journal of Materials Chemistry B, 2020, 8, 8830-8837.	5.9	8
674	From immune to olfactory expression: neofunctionalization of formyl peptide receptors. Cell and Tissue Research, 2021, 383, 387-393.	3.0	8
675	Factors Affecting the Choice of a Career in the Field of Surgery Among Medical Students of Karachi. Cureus, 2018, 10, e3542.	0.5	8
676	Detection of single-stranded nucleic acids by hybridization of probe oligonucleotides on polystyrene nanospheres and subsequent release and recovery of fluorescence. RSC Advances, 2011, 1, 1318.	3.7	7
677	Electrocatalytic H ₂ O ₂ production <i>via</i> two-electron O ₂ reduction by Mo-doped TiO ₂ nanocrystallines. Catalysis Science and Technology, 2021, 11, 6970-6974.	4.2	7
678	Three-dimensional porous NiCoP foam enabled high-performance overall seawater splitting at high current density. Journal of Materials Chemistry A, 2024, 12, 2680-2684.	10.5	7
679	Significance of the Morphological Patterns of Electrograms Recorded During Ventricular Fibrillation:. PACE - Pacing and Clinical Electrophysiology, 2003, 26, 1262-1269.	1.2	6
680	Lack of detrimental or therapeutic effects of cyclooxygenase inhibition in bile duct-ligated rats with hepatic encephalopathy. Journal of Gastroenterology and Hepatology (Australia), 2006, 21, 060606032707106-???	2.8	6
681	Formation of [Ru(bpy) ₃] ²⁺ Containing Microstructures Induced by Electrostatic Assembly and Their Application in Solidâ€‘State Detection of Electrochemiluminescence. Chemistry - an Asian Journal, 2007, 2, 1137-1141.	3.5	6
682	Measuring the users and conversations of a vibrant online emotional support system. , 2016, , .		6
683	Target-depth estimation in active sonar: Cramerâ€‘Rao bounds for a bilinear sound-speed profile. Journal of the Acoustical Society of America, 2016, 140, 1771-1782.	1.2	6
684	Microwave-assisted one-pot synthesis of Ag NPs/C and its application in H ₂ O ₂ and glucose detection. Chemical Research in Chinese Universities, 2016, 32, 433-436.	2.7	6

#	ARTICLE	IF	CITATIONS
685	Partial molecular characterization of the mitochondrial genome of <i>Baylisascaris columnaris</i> and prevalence of infection in a wild population of Striped skunks. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2017, 6, 70-75.	1.6	6
686	Symmetry of generalized rivalry network models determines patterns of interocular grouping in four-location binocular rivalry. <i>Journal of Neurophysiology</i> , 2019, 122, 1989-1999.	1.9	6
687	SnO ₂ nanorod: An efficient non-noble-metal electrocatalyst for non-enzymatic H ₂ O ₂ sensing. <i>Materials Research Express</i> , 2019, 6, 065055.	1.7	6
688	Couch Revisited: A Theoretical Treatment of The Information Technological Media of Imgur, Reddit, and Twitter. <i>Symbolic Interaction</i> , 2019, 42, 46-69.	1.2	6
689	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
690	Local Government Innovativeness in China. , 0, , .		6
691	Amorphous Boron Carbide on Titanium Dioxide Nanobelt Arrays for High Efficiency Electrocatalytic NO Reduction to NH ₃ . <i>Angewandte Chemie</i> , 0, , .	2.1	6
692	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
693	Spin accumulation encoded in electronic noise for mesoscopic billiards with finite tunneling rates. <i>Physical Review B</i> , 2012, 85, .	3.3	5
694	Carbon nanoparticles-induced formation of polyaniline nanofibers and their subsequent decoration with Ag nanoparticles for nonenzymatic H ₂ O ₂ detection. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 95-99.	1.0	5
695	Entrapped by the uneven central and Middle Eastern terrains: Genetic status of populations of <i>Hirudo orientalis</i> (Annelida, Clitellata, Hirudinida) with a phylogenetic review of the genus <i>Hirudo</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018, 121, 52-60.	2.9	5
696	Biomimetic Assembly of a Polydopamine Layer on Graphene as an Electron Gate for Fluorescent MicroRNA Detection in Living Cells. <i>ChemBioChem</i> , 2020, 21, 801-806.	2.8	5
697	Community economic factors influence outcomes for patients with primary malignant glioma. <i>Neuro-Oncology Practice</i> , 2020, 7, 453-460.	1.5	5
698	Communicating emotional support: family caregivers' visits with residents living with dementia in nursing homes. <i>Journal of Women and Aging</i> , 2020, 32, 389-401.	1.1	5
699	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
700	Multi-layered g-C ₃ N ₄ as a Fluorescent Probe for Hg ²⁺ Detection. <i>Journal of Fluorescence</i> , 2022, 32, 1755-1759.	2.6	5
701	<title>Chiral order formation in lyomesomorphic compositions of non-chiral chemical compounds</title>. , 1998, 3319, 319.		4
702	Polyacetylene nanoparticles-based preparation of polyaniline nanofibers. <i>Journal of Nanoparticle Research</i> , 2011, 13, 471-477.	2.0	4

#	ARTICLE	IF	CITATIONS
703	2,4,6-Tris (2-pyridyl)-1,3,5-triazine Nanobelts as an Effective Fluorescent Sensing Platform for DNA Detection. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2089-2093.	0.9	4
704	The Effect of Anodic Oxide Films on the Nickel-Aluminum Reaction in Aluminum Braze Sheet. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 1236-1248.	2.2	4
705	Vis/NIR Chemical Imaging Technique for Predicting Sodium Humate Contents in Aquaculture Environment. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.5	4
706	In Situ Formation of a 3D Amorphous Cobalt-Borate Nanoarray: An Efficient Non-Noble Metal Catalytic Electrode for Non-Enzyme Glucose Detection. <i>ChemistrySelect</i> , 2018, 3, 10580-10584.	1.6	4
707	E-learning policy and technology enhanced flexible curriculum delivery in developing contexts: A Critical Discourse Analysis. <i>Critical Studies in Teaching and Learning</i> , 2021, 9, .	0.1	4
708	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
709	Fe ₃ O ₄ 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
710	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
711	Synthesis and Structure of Bis(3,3'-diamino-N-methyldipropylamine)-dichloro(1/4-chloro)nickel. <i>Russian Journal of General Chemistry</i> , 2005, 75, 1870-1873.	0.9	3
712	A Novel Single Fluorophore-Labeled Double-Stranded Oligonucleotide Probe for Fluorescence-Enhanced Nucleic Acid Detection Based on the Inherent Quenching Ability of Deoxyguanosine Bases and Competitive Strand-Displacement Reaction. <i>Journal of Fluorescence</i> , 2012, 22, 43-46.	2.6	3
713	Preparation of graphene platelet-Ru(phen) ₃ ²⁺ assemblies and their application in electrochemiluminescence detection. <i>Russian Journal of Electrochemistry</i> , 2013, 49, 1092-1096.	1.0	3
714	Synergistically Coupling Atomic-Level Defect Manipulation and Nanoscopic-Level Interfacial Engineering Enables Fast and Durable Sodium Storage. <i>Small</i> , 0, .	11.2	3
715	Emergent planning: A computational architecture for situated behaviour. <i>Lecture Notes in Computer Science</i> , 1995, , 42-54.	1.0	2
716	Fatty acids bound to <i>Fasciola hepatica</i> 12 kDa fatty acid-binding protein, a candidate vaccine, differ from fatty acids in extracts of adult flukes. <i>Lipids</i> , 2003, 38, 769-772.	1.8	2
717	Laboratory Evaluation of Tapa, Metapa, Apholate and Hempa as Chemosterilants for the Lesser Cotton Leaf-Worm <i>Spodoptera exigua</i> (H&A¼bn.). <i>Zeitschrift F&A¼r Angewandte Entomologie</i> , 2009, 68, 378-386.	0.0	2
718	Application of 3,4,9,10-perylenetetracarboxylic diimide microfibers as a fluorescent sensing platform for biomolecular detection. <i>Analytica Chimica Acta</i> , 2011, 702, 109-113.	5.5	2
719	Her2-enriched breast cancer brain metastases exhibit resistance to Gamma Knife radiosurgery: findings from a single institutional series review. <i>Journal of Radiation Oncology</i> , 2012, 1, 283-290.	0.6	2
720	Psychosurgery (1974&A2014). Withdrawals and revivals. New movements and old inspirations. <i>Comptes Rendus - Biologies</i> , 2015, 338, 602-606.	0.3	2

#	ARTICLE	IF	CITATIONS
721	Preparation and physicochemical characterization of camptothecin conjugated poly amino esterâ€“methyl ether poly ethylene glycol copolymer. RSC Advances, 2018, 8, 12951-12959.	3.7	2
722	TuYou-County Pediatric Eye (TYPE) study, design issues, baseline demographic characteristics, and implications. Medicine (United States), 2021, 100, e24670.	1.1	2
723	Bulk and Surfaceâ€“Mediated Polymorphs of Bioâ€“Inspired Dyes Organic Semiconductors: The Role of Lattice Phonons in their Investigation. Israel Journal of Chemistry, 0, , .	2.6	2
724	Constructing hydrogen-bonding microenvironment for boosting CO2 to CH4. Chem Catalysis, 2021, 1, 974-976.	6.4	2
725	The Effects of Different Priming Methods on the Storability and Germination under Salinity Stress in Rapeseed (Brassica napus) Line Karaj 3. Iranian Journal of Seed Research, 2018, 4, 79-91.	0.1	2
726	Molecularly Imprinted Voltammetric Sensor Based on Chitosan-CNTs Decorated with AuNPs Nanocomposite for Catechol Detection. ECS Meeting Abstracts, 2020, MA2020-01, 2853-2853.	0.0	2
727	Effectiveness of the Validation Method in Work Satisfaction and Motivation of Nursing Home Care Professionals: A Literature Review. International Journal of Environmental Research and Public Health, 2021, 18, 201.	2.7	2
728	Condensed-Phase Molecular Representation to Link Structure and Thermodynamics in Molecular Dynamics. Journal of Chemical Theory and Computation, 2023, 19, 4770-4779.	5.6	2
729	QUIN 2.0 - new release of the QUaternary fault strain INDicators database from the Southern Apennines of Italy. Scientific Data, 2024, 11, .	5.4	2
730	Fast Stereo Matching Method Using Edge Traction. , 2004, , 93-96.		1
731	Supramolecular microrods can be prepared by mixing aqueous Ru(NH3)6Cl3 and K3Fe(CN)6 solutions at room temperature. Colloid Journal, 2010, 72, 141-144.	1.4	1
732	Solution self-assembly-based route towards hexagonal microdisks at room temperature. Inorganic Materials, 2010, 46, 472-475.	0.8	1
733	Theoretical Studies of the Electronic Structures and Spectrum Properties of Pt n Ni m (n + m = 7, n, m = 0) Clusters. Journal of Cluster Science, 2013, 24, 945-958.	3.3	1
734	Fe-nitrilotriacetic acid coordination polymer nanowires: an effective sensing platform for fluorescence-enhanced nucleic acid detection. Nanotechnology, 2017, 28, 075101.	2.7	1
735	Synthesis and Characterization of Polyaniline/Zelite X Composites as Anticorrosion Coating Materials. Polymer Science - Series B, 2018, 60, 387-394.	0.8	1
736	RIFM fragrance ingredient safety assessment, 3,5-dimethoxytoluene, CAS Registry Number 4179-19-5. Food and Chemical Toxicology, 2019, 134, 110617.	3.7	1
737	Re: Adrean etÂ€Al.: Consistent long-term therapy of neovascular age-related macular degeneration managed by 50 or more anti-VEGF injections using a treat-extend-stop protocol (Ophthalmology.) Tj ETQq1 1 0.784314 rgBT1/Overlo	3.1	1
738	Formation of Hydrous, Pyroxene-Related Phases from LiAlSiO4 Glass in High-Pressure Hydrothermal Environments. ACS Earth and Space Chemistry, 2019, 3, 8-16.	2.8	1

#	ARTICLE	IF	CITATIONS
739	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
740	Laser micromachining of microchannel branching networks into silicon with a femtosecond fiber laser. , 2008, , .		1
741	Selective retrograde cerebral cooling in complete cerebral circulatory arrest. <i>Brain Circulation</i> , 2019, 5, 234.	1.7	1
742	Russian theology after totalitarianism. , 2008, , 261-275.		1
743	Effects of acupoint injection for stroke patients with hemiplegia. <i>Medicine (United States)</i> , 2021, 100, e28374.	1.1	1
744	Advances in the application of manganese dioxide and its composites for theranostics. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 4918-4942.	6.0	1
745	Carbon Oxyanion Selfâ€Transformation on NiFe Oxalates Enables Longâ€Term Ampereâ€Level Current Density Seawater Oxidation. <i>Angewandte Chemie</i> , 2024, 136, .	2.1	1
746	ZnFe ₂ O ₄ 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
747	Amorphous Co-Mo-P film on nickel foam: A superior bifunctional electrocatalyst for alkaline seawater splitting. <i>Nanotechnology</i> , 0, , .	2.7	1
748	Arming Amorphous NiMoO ₄ on Nickel Phosphide Enables Highly Stable Alkaline Seawater Oxidation. <i>Small</i> , 0, , .	11.2	1
749	La doping greatly enhances electrochemical alkaline seawater oxidation over Ni(OH) ₂ nanosheet. <i>Catalysis Science and Technology</i> , 2024, 14, 2717-2721.	4.2	1
750	Compensation of coupling in the SSC complex. <i>AIP Conference Proceedings</i> , 1992, , .	1.0	0
751	Antifolate effect of methotrexate: Comment on the article by cronstein. <i>Arthritis and Rheumatism</i> , 1997, 40, 1545-1546.	6.8	0
752	2. Definition. , 1999, , 19-26.		0
753	Reply to Ismail. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 185-186.	1.4	0
754	Estrogens and melanoma: an important clinical question. <i>Expert Review of Endocrinology and Metabolism</i> , 2012, 7, 587-588.	2.5	0
755	Electrodeposition-based controllabe fabrication of novel Pd nanotextured microelectrodes. <i>Russian Journal of Electrochemistry</i> , 2012, 48, 1135-1139.	1.0	0
756	Nanotextured au microelectrodes: Electrodeposition-based fabrication and their cyclic voltammograms study. <i>Russian Journal of Electrochemistry</i> , 2012, 48, 89-92.	1.0	0

#	ARTICLE	IF	CITATIONS
757	7,7,8,8-tetracyanoquinodimethane microsheets for hydrogen peroxide reduction. Russian Journal of Electrochemistry, 2013, 49, 1097-1100.	1.0	0
758	e33â€fAn experience of tight control in psoriatic arthritis management within the Belfast Trust. Rheumatology, 2018, 57, .	2.1	0
759	Une cause rare de cÃ©phalÃ©es. Revue De Medecine Interne, 2019, 40, 626-627.	0.2	0
760	Applied Use of Alternate Stable State Modeling in Restoration Ecology. Bulletin of the Ecological Society of America, 2020, 101, e01762.	0.2	0
761	Plant Pathogen Co-evolution in Rice Crop. , 2021, , 297-314.		0
762	Endoscopic Resection of Sinonasal and Anterior Skull Base Malignancies: Analysis of 78 Cases. Skull Base, 2007, 17, .	0.4	0
763	10. Personalmanagement. , 2017, , 105-114.		0
764	Directives to Promote Clean Coal Energy in Thailand. The Journal of King Mongkut S University of Technology North Bangkok, 2019, 29, .	0.0	0
765	Higher Susceptibility to Skeletal Muscle TA (Tibialis Anterior) Injury with Increased Inflammation in Aged Mice.. FASEB Journal, 2020, 34, 1-1.	0.5	0
766	Designing E-Mail for Knowledge Management in Distributed Organizations. , 0, , 1030-1041.		0
767	A Franchise Agreement as an Act of Unfair Competition. Rossijskoe Konkurentnoe Pravo I Ã©konomika, 0, , 62-68.	0.1	0
768	Three Cases of Transtracheal Catheter Oxygenation for Postoperative Dyspnoea with Pituitary-Dependent Hyperadrenocorticism in Dogs Treated by Surgery. Case Reports in Veterinary Medicine, 2022, 2022, 1-5.	0.2	0
769	OrganizaÃ§Ã£o de InformaÃ§Ãµes Digitais Pessoais. Brazilian Journal of Information Science, 0, 16, e02134.	0.2	0
770	A â€œ3S+fâ€•Nephrometry Score System to Predict the Clinical Outcomes of Laparoscopic Nephron-Sparing Surgery. Frontiers in Oncology, 0, 12, .	2.9	0
771	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. American Journal of Clinical Pathology, 2022, 158, S63-S64.	0.7	0
772	Co nanoparticle-decorated radix cynanchi daniculati-derived carbon for efficient electrocatalytic nitrite reduction to ammonia. Catalysis Science and Technology, 2024, 14, 3007-3011.	4.2	0
773	Design of a Disinformation Awareness Digital Game. European Conference on Social Media, 2024, 11, 127-136.	0.1	0
774	MITOCHONDRIAL GENES OF SINERGASILUS POLYCOLPUS (COPEPODA, ERGASILIDAE) PARASITIZING THE GILLS OF FISH. Acta Hydrobiologica Sinica, 2010, 34, 177-183.	0.0	0

#	ARTICLE	IF	CITATIONS
775	Hydrogen therapy: recent advances and emerging materials. <i>Biomaterials Science</i> , 0, , .	5.5	0
776	Turkey vultures defy thin air by flying faster. <i>Journal of Experimental Biology</i> , 2024, 227, .	1.7	0
777	Piezoelectric MoS ₂ with expanded interlayers: a flexible anode for a "zero" interfacial quasi-solid-state ammonium-ion asymmetric supercapacitor. <i>Journal of Materials Chemistry A</i> , 0, , .	10.5	0
778	Ni@TiO ₂ nanoribbon array electrode for high-efficiency non-enzymatic glucose biosensing. <i>Journal of Materials Chemistry B</i> , 0, , .	5.9	0
779	Octahedral CoS ₂ electrocatalysts for efficient nitrate reduction to ammonia. <i>Inorganic Chemistry Frontiers</i> , 0, , .	6.0	0
780	Deep self-reconstruction of CoF ₂ to hierarchically defective Co(OH) ₂ nanosheets for electrocatalytic reduction of nitrate to ammonia. <i>Inorganic Chemistry Frontiers</i> , 0, , .	6.0	0