Bin Yang

List of Publications by Year
in descending order

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166 papers	8,840 citations	31974 53 h-index	48312 88 g-index
168 all docs	168 docs citations	168 times ranked	10067 citing authors

#	Article	IF	Citations
1	Atomically dispersed nickelâ€“nitrogenâ€“sulfur species anchored on porous carbon nanosheets for efficient water oxidation. Nature Communications, 2019, 10, 1392.	12.8	424
2	Efficient alkaline hydrogen evolution on atomically dispersed Niâ€“N_x Species anchored porous carbon with embedded Ni nanoparticles by accelerating water dissociation kinetics. Energy and Environmental Science, 2019, 12, 149-156.	30.8	416
3	Fish consumption and CHD mortality: an updated meta-analysis of seventeen cohort studies. Public Health Nutrition, 2012, 15, 725-737.	2.2	260
4	Amorphous Cobaltâ€“Iron Hydroxide Nanosheet Electrocatalyst for Efficient Electrochemical and Photoâ€Electrochemical Oxygen Evolution. Advanced Functional Materials, 2017, 27, 1603904.	14.9	260
5	Polymorphic CoSe₂ with Mixed Orthorhombic and Cubic Phases for Highly Efficient Hydrogen Evolution Reaction. ACS Applied Materials & Interfaces, 2015, 7, 1772-1779.	8.0	249
6	NiCoMo Hydroxide Nanosheet Arrays Synthesized via Chloride Corrosion for Overall Water Splitting. ACS Energy Letters, 2019, 4, 952-959.	17.4	243
7	Atomically Defined Undercoordinated Active Sites for Highly Efficient CO₂ Electroreduction. Advanced Functional Materials, 2020, 30, 1907658.	14.9	210
8	Feï£¿N₄ Sites Embedded into Carbon Nanofiber Integrated with Electrochemically Exfoliated Graphene for Oxygen Evolution in Acidic Medium. Advanced Energy Materials, 2018, 8, 1801912.	19.5	188
9	Dynamic Activation of Adsorbed Intermediates via Axial Traction for the Promoted Electrochemical CO₂ Reduction. Angewandte Chemie - International Edition, 2021, 60, 4192-4198.	13.8	183
10	A strongly coupled 3D ternary Fe₂O₃@Ni₂P/Ni(PO₃)₂ hybrid for enhanced electrocatalytic oxygen evolution at ultra-high current densities. Journal of Materials Chemistry A, 2019, 7, 965-971.	10.3	170
11	A p-Si/NiCoSe_x core/shell nanopillar array photocathode for enhanced photoelectrochemical hydrogen production. Energy and Environmental Science, 2016, 9, 3113-3119.	30.8	162
12	Dual Enzymatic Reaction-Assisted Gemcitabine Delivery Systems for Programmed Pancreatic Cancer Therapy. ACS Nano, 2017, 11, 1281-1291.	14.6	160
13	Boosting Electroreduction Kinetics of Nitrogen to Ammonia via Tuning Electron Distribution of Singleâ€Atomic Iron Sites. Angewandte Chemie - International Edition, 2021, 60, 9078-9085.	13.8	157
14	Synergistic Effect of Atomically Dispersed Niâ€“Zn Pair Sites for Enhanced CO₂ Electroreduction. Advanced Materials, 2021, 33, e2102212.	21.0	155
15	Proton Capture Strategy for Enhancing Electrochemical CO₂ Reduction on Atomically Dispersed Metalâ€“Nitrogen Active Sites**. Angewandte Chemie - International Edition, 2021, 60, 11959-11965.	13.8	144
16	Gas Diffusion Strategy for Inserting Atomic Iron Sites into Graphitized Carbon Supports for Unusually Highâ€Efficient CO₂ Electroreduction and Highâ€Performance Znâ€“CO₂ Batteries. Advanced Materials, 2020, 32, e2002430.	21.0	141
17	Tuning d-band center of tungsten carbide via Mo doping for efficient hydrogen evolution and Znâ€“H2O cell over a wide pH range. Nano Energy, 2020, 74, 104850.	16.0	141
18	Carbonâ€Rich Nonprecious Metal Single Atom Electrocatalysts for CO₂ Reduction and Hydrogen Evolution. Small Methods, 2019, 3, 1900210.	8.6	136

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19	Designing 3d dual transition metal electrocatalysts for oxygen evolution reaction in alkaline electrolyte: Beyond oxides. Nano Energy, 2020, 77, 105162.	16.0	134
20	Synthesis of supported vertical NiS₂ nanosheets for hydrogen evolution reaction in acidic and alkaline solution. RSC Advances, 2015, 5, 32976-32982.	3.6	107
21	Electrochemical activation of sulfate by BDD anode in basic medium for efficient removal of organic pollutants. Chemosphere, 2018, 210, 516-523.	8.2	103
22	Highly active ruthenium sites stabilized by modulating electron-feeding for sustainable acidic oxygen-evolution electrocatalysis. Energy and Environmental Science, 2022, 15, 2356-2365.	30.8	101
23	Inhibition of autophagy promotes metastasis and glycolysis by inducing ROS in gastric cancer cells. Oncotarget, 2015, 6, 39839-39854.	1.8	99
24	A Superaerophobic Bimetallic Selenides Heterostructure for Efficient Industrial-Level Oxygen Evolution at Ultra-High Current Densities. Nano-Micro Letters, 2020, 12, 104.	27.0	99
25	Atomically Dispersed Zinc(I) Active Sites to Accelerate Nitrogen Reduction Kinetics for Ammonia Electrosynthesis. Advanced Materials, 2022, 34, e2103548.	21.0	99
26	An ultrathin cobalt-based zeolitic imidazolate framework nanosheet array with a strong synergistic effect towards the efficient oxygen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 18877-18883.	10.3	97
27	Strongly Coupled 3D N-Doped MoO₂/Ni₃S₂ Hybrid for High Current Density Hydrogen Evolution Electrocatalysis and Biomass Upgrading. ACS Applied Materials & Interfaces, 2019, 11, 27743-27750.	8.0	95
28	Elucidation of the Synergistic Effect of Dopants and Vacancies on Promoted Selectivity for CO₂ Electroreduction to Formate. Advanced Materials, 2021, 33, e2005113.	21.0	95
29	Green Tea and Black Tea Consumption and Prostate Cancer Risk: An Exploratory Meta-Analysis of Observational Studies. Nutrition and Cancer, 2011, 63, 663-672.	2.0	93
30	Ni0.85Se as an efficient non-noble bifunctional electrocatalyst for full water splitting. International Journal of Hydrogen Energy, 2016, 41, 10688-10694.	7.1	92
31	Highly Boosted Reaction Kinetics in Carbon Dioxide Electroreduction by Surfaceâ€Introduced Electronegative Dopants. Advanced Functional Materials, 2021, 31, 2008146.	14.9	88
32	Three-Dimensional Porous NiO Nanosheets Vertically Grown on Graphite Disks for Enhanced Performance Non-enzymatic Glucose Sensor. Electrochimica Acta, 2015, 174, 745-752.	5.2	87
33	Highly active metallic nickel sites confined in N-doped carbon nanotubes toward significantly enhanced activity of CO2 electroreduction. Carbon, 2019, 150, 52-59.	10.3	84
34	Highly Selective Electrochemical Conversion of CO₂ to HCOOH on Dendritic Indium Foams. ChemElectroChem, 2018, 5, 253-259.	3.4	83
35	Emerging nanostructured carbon-based non-precious metal electrocatalysts for selective electrochemical CO₂ reduction to CO. Journal of Materials Chemistry A, 2019, 7, 25191-25202.	10.3	82
36	Boosting alkaline hydrogen evolution and Znâ€“H2O cell induced by interfacial electron transfer. Nano Energy, 2020, 71, 104621.	16.0	82

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37	Local Spinâ€State Tuning of Iron Singleâ€Atom Electrocatalyst by Sâ€Coordinated Doping for Kineticsâ€Boosted Ammonia Synthesis. Advanced Materials, 2022, 34, e2202240.	21.0	79
38	In situ identification of the electrocatalytic water oxidation behavior of a nickel-based metalâ€“organic framework nanoarray. Materials Horizons, 2021, 8, 556-564.	12.2	75
39	Nanostructured Carbon Based Heterogeneous Electrocatalysts for Oxygen Evolution Reaction in Alkaline Media. ChemCatChem, 2019, 11, 5855-5874.	3.7	70
40	Nitrogen-Doped Carbon-Encased Bimetallic Selenide for High-Performance Water Electrolysis. Nano-Micro Letters, 2019, 11, 67.	27.0	67
41	Boron and nitrogen co-doped porous carbon nanofibers as metal-free electrocatalysts for highly efficient ammonia electrosynthesis. Journal of Materials Chemistry A, 2019, 7, 26272-26278.	10.3	66
42	Nitrogen Vacancy Structure Driven Photoeletrocatalytic Degradation of 4-Chlorophenol Using Porous Graphitic Carbon Nitride Nanosheets. ACS Sustainable Chemistry and Engineering, 2018, 6, 6497-6506.	6.7	65
43	A Universal Principle to Accurately Synthesize Atomically Dispersed Metalâ€“N4 Sites for CO2 Electroreduction. Nano-Micro Letters, 2020, 12, 108.	27.0	65
44	Accelerated Water Dissociation Kinetics By Electronâ€Enriched Cobalt Sites for Efficient Alkaline Hydrogen Evolution. Advanced Functional Materials, 2022, 32, 2109556.	14.9	64
45	Promoting CO₂ Electroreduction Kinetics on Atomically Dispersed Monovalent Zn^I Sites by Rationally Engineering Protonâ€Feeding Centers. Angewandte Chemie - International Edition, 2022, 61, .	13.8	63
46	Synergistic effects of liquid and gas phase discharges using pulsed high voltage for dyes degradation in the presence of oxygen. Chemosphere, 2005, 60, 405-411.	8.2	62
47	Nanocarbon-Enhanced 2D Photoelectrodes: A New Paradigm in Photoelectrochemical Water Splitting. Nano-Micro Letters, 2021, 13, 24.	27.0	62
48	Degradation of pharmaceutical contaminant ibuprofen in aqueous solution by cylindrical wetted-wall corona discharge. Chemical Engineering Journal, 2015, 267, 282-288.	12.7	60
49	Porous metal-porphyrin triazine-based frameworks for efficient CO2 electroreduction. Applied Catalysis B: Environmental, 2020, 270, 118908.	20.2	60
50	Direct electron transfer from electrode to electrochemically active bacteria in a bioelectrochemical dechlorination system. Bioresource Technology, 2013, 148, 9-14.	9.6	58
51	In Situ Growth of Nitrogen-Doped Carbon-Coated Î³-Fe₂O₃ Nanoparticles on Carbon Fabric for Electrochemical N₂ Fixation. ACS Sustainable Chemistry and Engineering, 2019, 7, 8853-8859.	6.7	58
52	Recent progress and perspective of electrochemical CO2 reduction towards C2-C5 products over non-precious metal heterogeneous electrocatalysts. Nano Research, 2021, 14, 3188-3207.	10.4	57
53	Hierarchical Crossâ€Linked Carbon Aerogels with Transition Metalâ€Nitrogen Sites for Highly Efficient Industrialâ€Level CO₂ Electroreduction. Advanced Functional Materials, 2021, 31, 2104377.	14.9	56
54	Highâ€Performance Metalâ€Free Nanosheets Array Electrocatalyst for Oxygen Evolution Reaction in Acid. Advanced Functional Materials, 2020, 30, 2003000.	14.9	55

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55	Ultrathin tin monosulfide nanosheets with the exposed (001) plane for efficient electrocatalytic conversion of CO₂ into formate. Chemical Science, 2020, 11, 3952-3958.	7.4	55
56	Scalable Production of Few-Layer Niobium Disulfide Nanosheets via Electrochemical Exfoliation for Energy-Efficient Hydrogen Evolution Reaction. ACS Applied Materials & Interfaces, 2019, 11, 13205-13213.	8.0	53
57	A non-enzymatic hydrogen peroxide sensor based on vertical NiO nanosheets supported on the graphite sheet. Journal of Electroanalytical Chemistry, 2015, 749, 62-67.	3.8	52
58	Promoting Electrochemical CO₂ Reduction via Boosting Activation of Adsorbed Intermediates on Iron Singleâ€Atom Catalyst. Advanced Functional Materials, 2022, 32, .	14.9	52
59	ZIF-Derived Carbon Nanoarchitecture as a Bifunctional pH-Universal Electrocatalyst for Energy-Efficient Hydrogen Evolution. ACS Sustainable Chemistry and Engineering, 2019, 7, 10044-10051.	6.7	51
60	Bi/Bi2O3 nanoparticles supported on N-doped reduced graphene oxide for highly efficient CO2 electroreduction to formate. Chinese Chemical Letters, 2020, 31, 1415-1421.	9.0	51
61	A New Strategy for Accelerating Dynamic Proton Transfer of Electrochemical CO₂ Reduction at High Current Densities. Advanced Functional Materials, 2021, 31, 2104243.	14.9	49
62	Electro-catalytic oxidation of artificial human urine by using BDD and IrO2 electrodes. Journal of Electroanalytical Chemistry, 2015, 738, 14-19.	3.8	48
63	One-dimensional structured IrO2 nanorods modified membrane for electrochemical anti-fouling in filtration of oily wastewater. Separation and Purification Technology, 2015, 156, 931-941.	7.9	47
64	Effects of solids retention time on the performance and microbial community structures in membrane bioreactors treating synthetic oil refinery wastewater. Chemical Engineering Journal, 2018, 344, 462-468.	12.7	46
65	A laminar-flow based microfluidic microbial three-electrode cell for biosensing. Electrochimica Acta, 2016, 199, 45-50.	5.2	43
66	Efficient Electrocatalytic Oxygen Evolution at Extremely High Current Density over 3D Ultrasmall Zeroâ€Valent Ironâ€Coupled Nickel Sulfide Nanosheets. ChemElectroChem, 2018, 5, 3866-3872.	3.4	43
67	An exfoliated iron phosphorus trisulfide nanosheet with rich sulfur vacancy for efficient dinitrogen fixation and Zn-N2 battery. Nano Energy, 2021, 81, 105613.	16.0	43
68	Recent Advances in Manifold Exfoliated Synthesis of Twoâ€Dimensional Nonâ€precious Metalâ€Based Nanosheet Electrocatalysts for Water Splitting. Small Structures, 2022, 3, 2100153.	12.0	43
69	Ganoderma lucidum Polysaccharides Exert Anti-Hyperglycemic Effect on Streptozotocin-Induced Diabetic Rats Through Affecting β-Cells. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 542-550.	1.1	42
70	Nanoconfined Tin Oxide within N-Doped Nanocarbon Supported on Electrochemically Exfoliated Graphene for Efficient Electroreduction of CO₂ to Formate and C1 Products. ACS Applied Materials & Interfaces, 2020, 12, 16178-16185.	8.0	41
71	Exfoliated metallic niobium disulfate nanosheets for enhanced electrochemical ammonia synthesis and Zn-N2 battery. Applied Catalysis B: Environmental, 2020, 270, 118892.	20.2	41
72	Deep Desulfurization of Fuels by Extraction with 4-Dimethylaminopyridinium-Based Ionic Liquids. Energy & Fuels, 2013, 27, 4617-4623.	5.1	40

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73	Systematic review and meta-analysis of soy products consumption in patients with type 2 diabetes mellitus. Asia Pacific Journal of Clinical Nutrition, 2011, 20, 593-602.	0.4	39
74	N-doped carbon xerogels as adsorbents for the removal of heavy metal ions from aqueous solution. RSC Advances, 2015, 5, 7182-7191.	3.6	38
75	Metalâ€“Organic Frameworks with Assembled Bifunctional Microreactor for Charge Modulation and Strain Generation toward Enhanced Oxygen Electrocatalysis. ACS Nano, 2022, 16, 9523-9534.	14.6	38
76	Polypyrrole/sargassum activated carbon modified stainless-steel sponge as high-performance and low-cost bioanode for microbial fuel cells. Journal of Power Sources, 2018, 384, 86-92.	7.8	37
77	Water Splittingâ€“Biosynthetic Hybrid System for CO₂ Conversion using Nickel Nanoparticles Embedded in Nâ€Doped Carbon Nanotubes. ChemSusChem, 2018, 11, 2382-2387.	6.8	36
78	Pancreatic cancer-derived exosomes suppress the production of GIP and GLP-1 from STC-1â€¯cells in vitro by down-regulating the PCSK1/3. Cancer Letters, 2018, 431, 190-200.	7.2	34
79	Electrochemically assisted sulfate reduction autotrophic denitrification nitrification integrated (e-SANIÂ®) process for high-strength ammonium industrial wastewater treatment. Chemical Engineering Journal, 2020, 381, 122707.	12.7	32
80	Efficient production of lycopene from CO2 via microbial electrosynthesis. Chemical Engineering Journal, 2022, 430, 132943.	12.7	31
81	The role of exendin-4-conjugated superparamagnetic iron oxide nanoparticles in beta-cell-targeted MRI. Biomaterials, 2013, 34, 5843-5852.	11.4	29
82	Highly Effective Electrochemical Exfoliation of Ultrathin Tantalum Disulfide Nanosheets for Energy-Efficient Hydrogen Evolution Electrocatalysis. ACS Applied Materials & Interfaces, 2020, 12, 24675-24682.	8.0	29
83	Strongly coupling of amorphous/crystalline reduced FeOOH/Î±-Ni(OH)2 heterostructure for extremely efficient water oxidation at ultra-high current density. Journal of Colloid and Interface Science, 2020, 579, 340-346.	9.4	29
84	Submerged membrane bioreactor in treatment of simulated restaurant wastewater. Separation and Purification Technology, 2012, 88, 184-190.	7.9	28
85	Bacteria-templated fabrication of a charge heterogeneous polymeric interface for highly specific bacterial recognition. Chemical Communications, 2017, 53, 2319-2322.	4.1	28
86	Hydrogenâ€Mediated Electron Transfer in Hybrid Microbialâ€“Inorganic Systems and Application in Energy and the Environment. Energy Technology, 2019, 7, 1800987.	3.8	28
87	Fast expansion of graphite into superior three-dimensional anode for microbial fuel cells. Journal of Power Sources, 2019, 412, 86-92.	7.8	27
88	High-index faceted binary-metal selenide nanosheet arrays as efficient 3D electrodes for alkaline hydrogen evolution. Nanoscale, 2019, 11, 17571-17578.	5.6	26
89	Boosting Electroreduction Kinetics of Nitrogen to Ammonia via Tuning Electron Distribution of Singleâ€Atomic Iron Sites. Angewandte Chemie, 2021, 133, 9160-9167.	2.0	26
90	Electrochemical exfoliation of ultrathin ternary molybdenum sulfoselenide nanosheets to boost the energy-efficient hydrogen evolution reaction. Nanoscale, 2019, 11, 16200-16207.	5.6	25

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91	Proton Capture Strategy for Enhancing Electrochemical CO₂ Reduction on Atomically Dispersed Metalâ€“Nitrogen Active Sites**. Angewandte Chemie, 2021, 133, 12066-12072.	2.0	25
92	Zeolitic Imidazolate Frameworkâ€Derived Coreâ€Shellâ€Structured CoS 2 /CoS 2 â€Nâ€C Supported on Electrochemically Exfoliated Graphene Foil for Efficient Oxygen Evolution. Batteries and Supercaps, 2019, 2, 348-354.	4.7	24
93	Pretreated multiwalled carbon nanotube adsorbents with amine-grafting for removal of carbon dioxide in confined spaces. RSC Advances, 2014, 4, 56224-56234.	3.6	23
94	ON/OFF states of a microbial fuel cell controlled by an optical switching system. RSC Advances, 2014, 4, 27277-27280.	3.6	23
95	An integrated bioelectrochemical system coupled CO2 electroreduction device based on atomically dispersed iron electrocatalysts. Nano Energy, 2021, 87, 106187.	16.0	23
96	Treatment of Restaurant Wastewater by Pilot-Scale Electrocoagulation-Electroflotation: Optimization of Operating Conditions. Journal of Environmental Engineering, ASCE, 2013, 139, 1004-1016.	1.4	22
97	Electrochemical treatment of artificial humidity condensate by large-scale boron doped diamond electrode. Separation and Purification Technology, 2014, 138, 13-20.	7.9	22
98	Nitrogen-doped carbon nanotube-encapsulated nickel nanoparticles assembled on graphene for efficient CO2 electroreduction. Chinese Chemical Letters, 2020, 31, 1438-1442.	9.0	22
99	Embedding Co₂P Nanoparticles in N-Doped Carbon Nanotubes Grown on Porous Carbon Polyhedra for High-Performance Lithium-Ion Batteries. Industrial & Engineering Chemistry Research, 2018, 57, 13019-13025.	3.7	21
100	Noble metal-free two dimensional carbon-based electrocatalysts for water splitting. BMC Materials, 2019, 1, .	6.8	21
101	Bimetallic Oxyhydroxide as a High-Performance Water Oxidation Electrocatalyst under Industry-Relevant Conditions. Engineering, 2021, 7, 1306-1312.	6.7	21
102	Dynamic Activation of Adsorbed Intermediates via Axial Traction for the Promoted Electrochemical CO₂ Reduction. Angewandte Chemie, 2021, 133, 4238-4244.	2.0	20
103	Cyanidin-3-O-Glucoside Enhanced the Function of Syngeneic Mouse Islets Transplanted Under the Kidney Capsule or Into the Portal Vein. Transplantation, 2015, 99, 508-514.	1.0	19
104	Efficient mineralization of sulfanilamide over oxygen vacancy-rich NiFe-LDH nanosheets array during electro-fenton process. Chemosphere, 2021, 268, 129272.	8.2	19
105	Confined carburization-engineered synthesis of ultrathin nickel oxide/nickel heterostructured nanosheets for enhanced oxygen evolution reaction. Nanoscale, 2019, 11, 22261-22269.	5.6	18
106	CuS/RGO hybrid by one-pot hydrothermal method for efficient electrochemical sensing of hydrogen peroxide. Chinese Chemical Letters, 2017, 28, 1306-1311.	9.0	17
107	Protective effect of cyanidin-3-O-glucoside on neonatal porcine islets. Journal of Endocrinology, 2017, 235, 237-249.	2.6	17
108	Graphene-modified graphite paper cathode for the efficient bioelectrochemical removal of chromium. Chemical Engineering Journal, 2021, 405, 126545.	12.7	17

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109	Ionic liquid-mediated electrochemical CO2 reduction in a microbial electrolysis cell. Electrochemistry Communications, 2013, 35, 91-93.	4.7	16
110	Kinetics of the Iron(II)- and Manganese(II)-Catalyzed Oxidation of S(IV) in Seawater with Acetic Buffer: A Study of Seawater Desulfurization Process. Industrial & Engineering Chemistry Research, 2013, 52, 4740-4746.	3.7	16
111	Selective Adsorption of Naphthalene in Aqueous Solution on Mesoporous Carbon Functionalized by Task-specific Ionic Liquid. Industrial & Engineering Chemistry Research, 2015, 54, 2329-2338.	3.7	16
112	Immobilization of lead and cadmium in agricultural soil by bioelectrochemical reduction of sulfate in underground water. Chemical Engineering Journal, 2021, 422, 130010.	12.7	16
113	Stainless steel cloth modified by carbon nanoparticles of Chinese ink as scalable and high-performance anode in microbial fuel cell. Chinese Chemical Letters, 2021, 32, 2499-2502.	9.0	15
114	Promoting CO₂ Electroreduction Kinetics on Atomically Dispersed Monovalent Zn^I Sites by Rationally Engineering Protonâ€Feeding Centers. Angewandte Chemie, 2022, 134, .	2.0	15
115	Denervation stage differentially influences resistance to neuromuscular blockers in rat gastrocnemius. Journal of Surgical Research, 2013, 180, 266-273.	1.6	14
116	Efficient removal of pentachlorophenol from wastewater by novel hydrophobically modified thermo-sensitive hydrogels. Journal of Industrial and Engineering Chemistry, 2015, 25, 67-72.	5.8	14
117	Establishment and Identification of a CiPSC Lineage Reprogrammed from FSP-tdTomato Mouse Embryonic Fibroblasts (MEFs). Stem Cells International, 2018, 2018, 1-8.	2.5	14
118	High-Fat Diet Enhances the Liver Metastasis Potential of Colorectal Cancer through Microbiota Dysbiosis. Cancers, 2022, 14, 2573.	3.7	14
119	Pentachlorophenol Sorption in the Cetyltrimethylammonium Bromide/Bentonite One-Step Process in Single and Multiple Solute Systems. Journal of Chemical & Engineering Data, 2013, 58, 2610-2615.	1.9	13
120	Preferential adsorption of pentachlorophenol from chlorophenols-containing wastewater using N-doped ordered mesoporous carbon. Environmental Science and Pollution Research, 2016, 23, 1482-1491.	5.3	13
121	Real-time imaging of optic nerve head collagen microstructure and biomechanics using instant polarized light microscopy. Experimental Eye Research, 2022, 217, 108967.	2.6	13
122	Improved NH3-N conversion efficiency to N2 activated by BDD substrate on NiCu electrocatalysis process. Separation and Purification Technology, 2021, 276, 119350.	7.9	12
123	Bcl-2-functionalized ultrasmall superparamagnetic iron oxide nanoparticles coated with amphiphilic polymer enhance the labeling efficiency of islets for detection by magnetic resonance imaging. International Journal of Nanomedicine, 2013, 8, 3977.	6.7	11
124	A COVID-19 risk score combining chest CT radiomics and clinical characteristics to differentiate COVID-19 pneumonia from other viral pneumonias. Aging, 2021, 13, 9186-9224.	3.1	11
125	Mn/Ti-doped carbon xerogel for efficient catalysis of microcystin-LR degradation in the water surface discharge plasma reactor. Environmental Science and Pollution Research, 2015, 22, 17202-17208.	5.3	10
126	Electrochemical reduction of gaseous CO 2 with a catechol and polyethyleneimine co-deposited polypropylene membrane. Electrochemistry Communications, 2016, 71, 1-4.	4.7	10

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127	Deactivation Kinetics of Polyethylenimine-based Adsorbents Used for the Capture of Low Concentration CO₂. ACS Omega, 2019, 4, 11237-11244.	3.5	10
128	VEGF-Modified PVA/Silicone Nanofibers Enhance Islet Function Transplanted in Subcutaneous Site Followed by Device-Less Procedure . International Journal of Nanomedicine, 2020, Volume 15, 587-599.	6.7	10
129	In situ monitoring of Shewanella oneidensis MR-1 biofilm growth on gold electrodes by using a Pt microelectrode. Bioelectrochemistry, 2016, 109, 95-100.	4.6	9
130	Bridging heterogeneous and homogeneous catalysts by ultrathin metal-polyphthalocyanine-based nanosheets from electron-coupled transalkylation delamination. Nano Energy, 2022, 98, 107297.	16.0	9
131	Bioelectrochemical sulfate reduction enhanced nitrogen removal from industrial wastewater containing ammonia and sulfate. AICHE Journal, 2021, 67, e17309.	3.6	8
132	Induction of apoptosis by tomato using space mutation breeding in human colon cancer SW480 and HTâ€29 cells. Journal of the Science of Food and Agriculture, 2010, 90, 615-621.	3.5	7
133	Islet Transplantation Imaging in vivo . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 3301-3311.	2.4	7
134	Pt/CoFe2O4-C hollow ball as efficient bifunctional electrocatalyst for Zn-air batteries. Catalysis Today, 2021, 368, 204-210.	4.4	7
135	Alternating current enhanced bioremediation of petroleum hydrocarbon-contaminated soils. Environmental Science and Pollution Research, 2021, 28, 47562-47573.	5.3	7
136	Progress in Mo/W-based electrocatalysts for nitrogen reduction to ammonia under ambient conditions. Chemical Communications, 2022, 58, 2096-2111.	4.1	7
137	Inactivation of Bacteria in Oil Field Injected Water by a Pulsed Plasma Discharge Process. Plasma Science and Technology, 2016, 18, 943-949.	1.5	6
138	Palladium-Catalyzed Direct Mono- or Polyhalogenation of Benzothiadiazole Derivatives. Journal of Organic Chemistry, 2020, 85, 3788-3798.	3.2	6
139	Rational design on photoelectrodes and devices to boost photoelectrochemical performance of solar-driven water splitting: a mini review. Frontiers of Chemical Science and Engineering, 2022, 16, 777-798.	4.4	6
140	Deciphering Single-Bacterium Adhesion Behavior Modulated by Extracellular Electron Transfer. Nano Letters, 2021, 21, 5105-5115.	9.1	5
141	COMPARATIVE EFFECTS OF TUNA OIL AND SALMON OIL ON LIVER LIPID METABOLISM AND FATTY ACID CONCENTRATIONS IN RATS. Journal of Food Lipids, 2009, 16, 436-451.	1.0	4
142	Improving the biodecolorization of reactive blue 13 by sodium anthraquinone-2-sulfonate immobilized on modified polyvinyl alcohol beads. Chinese Journal of Chemical Engineering, 2015, 23, 1194-1199.	3.5	4
143	Effective mRNA Inhibition in PANC-1 Cells <i>in Vitro</i> Mediated <i>via</i> an mPEGâ€“SeSeâ€“PEI Delivery System. Biological and Pharmaceutical Bulletin, 2016, 39, 680-688.	1.4	4
144	Single Atom Electrocatalysts: Carbonâ€Rich Nonprecious Metal Single Atom Electrocatalysts for CO₂ Reduction and Hydrogen Evolution (Small Methods 10/2019). Small Methods, 2019, 3, 1970033.	8.6	4

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145	Layered bismuth oxide/bismuth sulfide supported on carrageenan derived carbon for efficient carbon dioxide electroreduction to formate. Chinese Journal of Chemical Engineering, 2022, 43, 116-123.	3.5	4
146	The Potential Diagnostic Value of Immune-Related Genes in Interstitial Fibrosis and Tubular Atrophy after Kidney Transplantation. Journal of Immunology Research, 2022, 2022, 1-14.	2.2	4
147	Oxygen Evolution: Feï£¿N4 Sites Embedded into Carbon Nanofiber Integrated with Electrochemically Exfoliated Graphene for Oxygen Evolution in Acidic Medium (Adv. Energy Mater. 26/2018). Advanced Energy Materials, 2018, 8, 1870119.	19.5	3
148	Kinetics and mechanism of lowâ€concentration CO₂ adsorption on solid amine in a humid confined space. Canadian Journal of Chemical Engineering, 2019, 97, 697-701.	1.7	3
149	A New Fusion Peptide Targeting Pancreatic Cancer and Inhibiting Tumor Growth . OncoTargets and Therapy, 2020, Volume 13, 7865-7875.	2.0	3
150	Bioanodeâ€driven <scp>CO₂</scp> electroreduction in a redoxâ€mediumâ€assisted system with high energy efficiency. AICHE Journal, 2021, 67, e17283.	3.6	3
151	Prediction of Setschenow constants of N-heteroaromatics in NaCl solutions based on the partial charge on the heterocyclic nitrogen atom. Environmental Science and Pollution Research, 2016, 23, 3399-3405.	5.3	2
152	Highly Selective Electrochemical Conversion of CO₂ to HCOOH on Dendritic Indium Foams. ChemElectroChem, 2018, 5, 215-215.	3.4	2
153	Laparoscopic combined with percutaneous ablation for hepatocellular carcinoma under liver capsule: A single Chinese center experience of thirty patients. Journal of Cancer Research and Therapeutics, 2016, 12, 143.	0.9	2
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