

Bin Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

5,382
citations

40
h-index

68
g-index

168
ext. papers

7,047
ext. citations

9.5
avg, IF

6.11
L-index

#	Paper	IF	Citations
160	Real-time imaging of optic nerve head collagen microstructure and biomechanics using instant polarized light microscopy.. <i>Experimental Eye Research</i> , 2022 , 217, 108967	3.7	2
159	Efficient production of lycopene from CO ₂ via microbial electrosynthesis. <i>Chemical Engineering Journal</i> , 2022 , 430, 132943	14.7	5
158	Layered bismuth oxide/bismuth sulfide supported on carrageenan derived carbon for efficient carbon dioxide electroreduction to formate. <i>Chinese Journal of Chemical Engineering</i> , 2022 , 43, 116-123	3.2	1
157	Local Spin-state Tuning of Iron Single-Atom Electrocatalyst by S-coordinated Doping for Kinetics-boosted Ammonia Synthesis.. <i>Advanced Materials</i> , 2022 , e2202240	24	10
156	Bridging heterogeneous and homogeneous catalysts by ultrathin metal-polyphthalocyanine-based nanosheets from electron-coupled transalkylation delamination. <i>Nano Energy</i> , 2022 , 98, 107297	17.1	0
155	The inhibitory effects and underlying mechanism of high ammonia stress on sulfide-driven denitrification process. <i>Chemosphere</i> , 2022 , 303, 135093	8.4	0
154	High-Fat Diet Enhances the Liver Metastasis Potential of Colorectal Cancer through Microbiota Dysbiosis. <i>Cancers</i> , 2022 , 14, 2573	6.6	1
153	Atomically Dispersed Zinc(I) Active Sites to Accelerate Nitrogen Reduction Kinetics for Ammonia Electrosynthesis. <i>Advanced Materials</i> , 2021 , e2103548	24	19
152	Promoting CO ₂ Electroreduction Kinetics on Atomically Dispersed Monovalent Zn(I) Sites by Rationally Engineering Proton-feeding Centers. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	7
151	Boosting Electroreduction Kinetics of Nitrogen to Ammonia via Tuning Electron Distribution of Single-Atomic Iron Sites. <i>Angewandte Chemie</i> , 2021 , 133, 9160-9167	3.6	8
150	A COVID-19 risk score combining chest CT radiomics and clinical characteristics to differentiate COVID-19 pneumonia from other viral pneumonias. <i>Aging</i> , 2021 , 13, 9186-9224	5.6	3
149	Boosting Electroreduction Kinetics of Nitrogen to Ammonia via Tuning Electron Distribution of Single-Atomic Iron Sites. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9078-9085	16.4	60
148	Proton Capture Strategy for Enhancing Electrochemical CO ₂ Reduction on Atomically Dispersed Metal-Nitrogen Active Sites**. <i>Angewandte Chemie</i> , 2021 , 133, 12066-12072	3.6	8
147	Alternating current enhanced bioremediation of petroleum hydrocarbon-contaminated soils. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 47562-47573	5.1	0
146	Proton Capture Strategy for Enhancing Electrochemical CO Reduction on Atomically Dispersed Metal-Nitrogen Active Sites*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11959-11965	16.4	57
145	Bioelectrochemical sulfate reduction enhanced nitrogen removal from industrial wastewater containing ammonia and sulfate. <i>AIChE Journal</i> , 2021 , 67, e17309	3.6	2
144	Bioanode-driven CO ₂ electroreduction in a redox-medium-assisted system with high energy efficiency. <i>AIChE Journal</i> , 2021 , 67, e17283	3.6	0

143	Bimetallic Oxyhydroxide as a High-Performance Water Oxidation Electrocatalyst under Industry-Relevant Conditions. <i>Engineering</i> , 2021 , 7, 1306-1306	9.7	3
142	Deciphering Single-Bacterium Adhesion Behavior Modulated by Extracellular Electron Transfer. <i>Nano Letters</i> , 2021 , 21, 5105-5115	11.5	0
141	Pt/CoFe ₂ O ₄ -C hollow ball as efficient bifunctional electrocatalyst for Zn-air batteries. <i>Catalysis Today</i> , 2021 , 368, 204-210	5.3	3
140	Graphene-modified graphite paper cathode for the efficient bioelectrochemical removal of chromium. <i>Chemical Engineering Journal</i> , 2021 , 405, 126545-126545	14.7	6
139	Dynamic Activation of Adsorbed Intermediates via Axial Traction for the Promoted Electrochemical CO Reduction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4192-4198	16.4	75
138	Elucidation of the Synergistic Effect of Dopants and Vacancies on Promoted Selectivity for CO Electroreduction to Formate. <i>Advanced Materials</i> , 2021 , 33, e2005113	24	41
137	Dynamic Activation of Adsorbed Intermediates via Axial Traction for the Promoted Electrochemical CO ₂ Reduction. <i>Angewandte Chemie</i> , 2021 , 133, 4238-4244	3.6	10
136	An exfoliated iron phosphorus trisulfide nanosheet with rich sulfur vacancy for efficient dinitrogen fixation and Zn-N ₂ battery. <i>Nano Energy</i> , 2021 , 81, 105613	17.1	20
135	Efficient mineralization of sulfanilamide over oxygen vacancy-rich NiFe-LDH nanosheets array during electro-fenton process. <i>Chemosphere</i> , 2021 , 268, 129272	8.4	10
134	In situ identification of the electrocatalytic water oxidation behavior of a nickel-based metal-organic framework nanoarray. <i>Materials Horizons</i> , 2021 , 8, 556-564	14.4	31
133	Recent progress and perspective of electrochemical CO ₂ reduction towards C ₂ -C ₅ products over non-precious metal heterogeneous electrocatalysts. <i>Nano Research</i> , 2021 , 14, 3188-3207	10	25
132	Highly Boosted Reaction Kinetics in Carbon Dioxide Electroreduction by Surface-Introduced Electronegative Dopants. <i>Advanced Functional Materials</i> , 2021 , 31, 2008146	15.6	38
131	Hierarchical Cross-Linked Carbon Aerogels with Transition Metal-Nitrogen Sites for Highly Efficient Industrial-Level CO ₂ Electroreduction. <i>Advanced Functional Materials</i> , 2021 , 31, 2104377	15.6	20
130	Stainless steel cloth modified by carbon nanoparticles of Chinese ink as scalable and high-performance anode in microbial fuel cell. <i>Chinese Chemical Letters</i> , 2021 , 32, 2499-2502	8.1	4
129	Synergistic Effect of Atomically Dispersed Ni-Zn Pair Sites for Enhanced CO Electroreduction. <i>Advanced Materials</i> , 2021 , 33, e2102212	24	33
128	An integrated bioelectrochemical system coupled CO ₂ electroreduction device based on atomically dispersed iron electrocatalysts. <i>Nano Energy</i> , 2021 , 87, 106187	17.1	7
127	Immobilization of lead and cadmium in agricultural soil by bioelectrochemical reduction of sulfate in underground water. <i>Chemical Engineering Journal</i> , 2021 , 422, 130010	14.7	5
126	Improved NH ₃ -N conversion efficiency to N ₂ activated by BDD substrate on NiCu electrocatalysis process. <i>Separation and Purification Technology</i> , 2021 , 276, 119350	8.3	1

125	A Superaerophobic Bimetallic Selenides Heterostructure for Efficient Industrial-Level Oxygen Evolution at Ultra-High Current Densities. <i>Nano-Micro Letters</i> , 2020 , 12, 104	19.5	56
124	A Universal Principle to Accurately Synthesize Atomically Dispersed Metal-N Sites for CO Electroreduction. <i>Nano-Micro Letters</i> , 2020 , 12, 108	19.5	30
123	Highly Effective Electrochemical Exfoliation of Ultrathin Tantalum Disulfide Nanosheets for Energy-Efficient Hydrogen Evolution Electrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24675-24682	9.5	15
122	Gas Diffusion Strategy for Inserting Atomic Iron Sites into Graphitized Carbon Supports for Unusually High-Efficient CO Electroreduction and High-Performance Zn-CO Batteries. <i>Advanced Materials</i> , 2020 , 32, e2002430	24	80
121	High-Performance Metal-Free Nanosheets Array Electrocatalyst for Oxygen Evolution Reaction in Acid. <i>Advanced Functional Materials</i> , 2020 , 30, 2003000	15.6	22
120	Bi/Bi ₂ O ₃ nanoparticles supported on N-doped reduced graphene oxide for highly efficient CO ₂ electroreduction to formate. <i>Chinese Chemical Letters</i> , 2020 , 31, 1415-1421	8.1	25
119	Nanoconfined Tin Oxide within N-Doped Nanocarbon Supported on Electrochemically Exfoliated Graphene for Efficient Electroreduction of CO to Formate and C1 Products. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 16178-16185	9.5	27
118	Ultrathin tin monosulfide nanosheets with the exposed (001) plane for efficient electrocatalytic conversion of CO into formate. <i>Chemical Science</i> , 2020 , 11, 3952-3958	9.4	34
117	Exfoliated metallic niobium disulfate nanosheets for enhanced electrochemical ammonia synthesis and Zn-N ₂ battery. <i>Applied Catalysis B: Environmental</i> , 2020 , 270, 118892	21.8	21
116	Strongly coupling of amorphous/crystalline reduced FeOOH/Ni(OH) heterostructure for extremely efficient water oxidation at ultra-high current density. <i>Journal of Colloid and Interface Science</i> , 2020 , 579, 340-346	9.3	16
115	VEGF-Modified PVA/Silicone Nanofibers Enhance Islet Function Transplanted in Subcutaneous Site Followed by Device-Less Procedure. <i>International Journal of Nanomedicine</i> , 2020 , 15, 587-599	7.3	4
114	Boosting alkaline hydrogen evolution and Zn/Ni ₂ O cell induced by interfacial electron transfer. <i>Nano Energy</i> , 2020 , 71, 104621	17.1	48
113	Palladium-Catalyzed Direct Mono- or Polyhalogenation of Benzothiadiazole Derivatives. <i>Journal of Organic Chemistry</i> , 2020 , 85, 3788-3798	4.2	5
112	Porous metal-porphyrin triazine-based frameworks for efficient CO ₂ electroreduction. <i>Applied Catalysis B: Environmental</i> , 2020 , 270, 118908	21.8	34
111	Tuning d-band center of tungsten carbide via Mo doping for efficient hydrogen evolution and Zn/Ni ₂ O cell over a wide pH range. <i>Nano Energy</i> , 2020 , 74, 104850	17.1	69
110	Atomically Defined Undercoordinated Active Sites for Highly Efficient CO ₂ Electroreduction. <i>Advanced Functional Materials</i> , 2020 , 30, 1907658	15.6	115
109	Nitrogen-doped carbon nanotube-encapsulated nickel nanoparticles assembled on graphene for efficient CO ₂ electroreduction. <i>Chinese Chemical Letters</i> , 2020 , 31, 1438-1442	8.1	9
108	Islet Transplantation Imaging in vivo. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020 , 13, 3301-3311	3.4	4

107	Designing 3d dual transition metal electrocatalysts for oxygen evolution reaction in alkaline electrolyte: Beyond oxides. <i>Nano Energy</i> , 2020 , 77, 105162	17.1	58
106	Acidic Electrolytes: High-Performance Metal-Free Nanosheets Array Electrocatalyst for Oxygen Evolution Reaction in Acid (Adv. Funct. Mater. 31/2020). <i>Advanced Functional Materials</i> , 2020 , 30, 2070210	15.6	1
105	A New Fusion Peptide Targeting Pancreatic Cancer and Inhibiting Tumor Growth. <i>OncoTargets and Therapy</i> , 2020 , 13, 7865-7875	4.4	1
104	Electrochemically assisted sulfate reduction autotrophic denitrification nitrification integrated (e-SANI ²) process for high-strength ammonium industrial wastewater treatment. <i>Chemical Engineering Journal</i> , 2020 , 381, 122707	14.7	24
103	Nanocarbon-Enhanced 2D Photoelectrodes: A New Paradigm in Photoelectrochemical Water Splitting. <i>Nano-Micro Letters</i> , 2020 , 13, 24	19.5	28
102	High-index faceted binary-metal selenide nanosheet arrays as efficient 3D electrodes for alkaline hydrogen evolution. <i>Nanoscale</i> , 2019 , 11, 17571-17578	7.7	19
101	A strongly coupled 3D ternary Fe ₂ O ₃ @Ni ₂ P/Ni(PO ₃) ₂ hybrid for enhanced electrocatalytic oxygen evolution at ultra-high current densities. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 965-971	13	123
100	Electrochemical exfoliation of ultrathin ternary molybdenum sulfoselenide nanosheets to boost the energy-efficient hydrogen evolution reaction. <i>Nanoscale</i> , 2019 , 11, 16200-16207	7.7	18
99	Highly active metallic nickel sites confined in N-doped carbon nanotubes toward significantly enhanced activity of CO ₂ electroreduction. <i>Carbon</i> , 2019 , 150, 52-59	10.4	54
98	ZIF-Derived Carbon Nanoarchitecture as a Bifunctional pH-Universal Electrocatalyst for Energy-Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10044-10051	8.3	40
97	Carbon-Rich Nonprecious Metal Single Atom Electrocatalysts for CO ₂ Reduction and Hydrogen Evolution. <i>Small Methods</i> , 2019 , 3, 1900210	12.8	105
96	NiCoMo Hydroxide Nanosheet Arrays Synthesized via Chloride Corrosion for Overall Water Splitting. <i>ACS Energy Letters</i> , 2019 , 4, 952-959	20.1	152
95	Scalable Production of Few-Layer Niobium Disulfide Nanosheets via Electrochemical Exfoliation for Energy-Efficient Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13205-13213	8.5	38
94	Zeolitic Imidazolate Framework-Derived Core-Shell-Structured CoS ₂ /CoS ₂ -N-C Supported on Electrochemically Exfoliated Graphene Foil for Efficient Oxygen Evolution. <i>Batteries and Supercaps</i> , 2019 , 2, 348-354	5.6	19
93	Atomically dispersed nickel-nitrogen-sulfur species anchored on porous carbon nanosheets for efficient water oxidation. <i>Nature Communications</i> , 2019 , 10, 1392	17.4	280
92	In Situ Growth of Nitrogen-Doped Carbon-Coated Fe ₂ O ₃ Nanoparticles on Carbon Fabric for Electrochemical N ₂ Fixation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 8853-8859	8.3	41
91	Kinetics and mechanism of low-concentration CO ₂ adsorption on solid amine in a humid confined space. <i>Canadian Journal of Chemical Engineering</i> , 2019 , 97, 697-701	2.3	2
90	Efficient alkaline hydrogen evolution on atomically dispersed Ni ₃ C Species anchored porous carbon with embedded Ni nanoparticles by accelerating water dissociation kinetics. <i>Energy and Environmental Science</i> , 2019 , 12, 149-156	35.4	299

89	Nitrogen-Doped Carbon-Encased Bimetallic Selenide for High-Performance Water Electrolysis. <i>Nano-Micro Letters</i> , 2019 , 11, 67	19.5	44
88	Strongly Coupled 3D N-Doped MoO/NiS Hybrid for High Current Density Hydrogen Evolution Electrocatalysis and Biomass Upgrading. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27743-27750	9.5	52
87	Deactivation Kinetics of Polyethylenimine-based Adsorbents Used for the Capture of Low Concentration CO. <i>ACS Omega</i> , 2019 , 4, 11237-11244	3.9	1
86	Nanostructured Carbon Based Heterogeneous Electrocatalysts for Oxygen Evolution Reaction in Alkaline Media. <i>ChemCatChem</i> , 2019 , 11, 5855-5874	5.2	49
85	Single Atom Electrocatalysts: Carbon-Rich Nonprecious Metal Single Atom Electrocatalysts for CO ₂ Reduction and Hydrogen Evolution (Small Methods 10/2019). <i>Small Methods</i> , 2019 , 3, 1970033	12.8	3
84	The malignancy among gastric submucosal tumor.. <i>Translational Cancer Research</i> , 2019 , 8, 2654-2666	0.3	
83	Confined carburization-engineered synthesis of ultrathin nickel oxide/nickel heterostructured nanosheets for enhanced oxygen evolution reaction. <i>Nanoscale</i> , 2019 , 11, 22261-22269	7.7	8
82	Boron and nitrogen co-doped porous carbon nanofibers as metal-free electrocatalysts for highly efficient ammonia electrosynthesis. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 26272-26278	13	40
81	Emerging nanostructured carbon-based non-precious metal electrocatalysts for selective electrochemical CO ₂ reduction to CO. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 25191-25202	13	57
80	Noble metal-free two dimensional carbon-based electrocatalysts for water splitting. <i>BMC Materials</i> , 2019 , 1,	6.7	15
79	Upper gastrointestinal hemorrhage and thoracic aortic aneurysm rupture as presenting signs of Behçet disease: A case report. <i>Medicine (United States)</i> , 2019 , 98, e17455	1.8	
78	Hydrogen-Mediated Electron Transfer in Hybrid Microbial/Inorganic Systems and Application in Energy and the Environment. <i>Energy Technology</i> , 2019 , 7, 1800987	3.5	12
77	Fast expansion of graphite into superior three-dimensional anode for microbial fuel cells. <i>Journal of Power Sources</i> , 2019 , 412, 86-92	8.9	19
76	Polypyrrole/sargassum activated carbon modified stainless-steel sponge as high-performance and low-cost bioanode for microbial fuel cells. <i>Journal of Power Sources</i> , 2018 , 384, 86-92	8.9	30
75	Nitrogen Vacancy Structure Driven Photoelectrocatalytic Degradation of 4-Chlorophenol Using Porous Graphitic Carbon Nitride Nanosheets. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 6497-6506	8.3	49
74	Highly Selective Electrochemical Conversion of CO ₂ to HCOOH on Dendritic Indium Foams. <i>ChemElectroChem</i> , 2018 , 5, 215-215	4.3	1
73	Effects of solids retention time on the performance and microbial community structures in membrane bioreactors treating synthetic oil refinery wastewater. <i>Chemical Engineering Journal</i> , 2018 , 344, 462-468	14.7	35
72	Fe/N Sites Embedded into Carbon Nanofiber Integrated with Electrochemically Exfoliated Graphene for Oxygen Evolution in Acidic Medium. <i>Advanced Energy Materials</i> , 2018 , 8, 1801912	21.8	149

71	Electrochemical activation of sulfate by BDD anode in basic medium for efficient removal of organic pollutants. <i>Chemosphere</i> , 2018 , 210, 516-523	8.4	68
70	Highly Selective Electrochemical Conversion of CO ₂ to HCOOH on Dendritic Indium Foams. <i>ChemElectroChem</i> , 2018 , 5, 253-259	4.3	57
69	Establishment and Identification of a CiPSC Lineage Reprogrammed from FSP-tdTomato Mouse Embryonic Fibroblasts (MEFs). <i>Stem Cells International</i> , 2018 , 2018, 5965727	5	8
68	Efficient Electrocatalytic Oxygen Evolution at Extremely High Current Density over 3D Ultrasmall Zero-Valent Iron-Coupled Nickel Sulfide Nanosheets. <i>ChemElectroChem</i> , 2018 , 5, 3866-3872	4.3	37
67	Oxygen Evolution: Fe ₂ N ₄ Sites Embedded into Carbon Nanofiber Integrated with Electrochemically Exfoliated Graphene for Oxygen Evolution in Acidic Medium (Adv. Energy Mater. 26/2018). <i>Advanced Energy Materials</i> , 2018 , 8, 1870119	21.8	2
66	An ultrathin cobalt-based zeolitic imidazolate framework nanosheet array with a strong synergistic effect towards the efficient oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18877-18883	12.883	65
65	Embedding Co ₂ P Nanoparticles in N-Doped Carbon Nanotubes Grown on Porous Carbon Polyhedra for High-Performance Lithium-Ion Batteries. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 13019-13025	3.9	18
64	Water Splitting-Biosynthetic Hybrid System for CO Conversion using Nickel Nanoparticles Embedded in N-Doped Carbon Nanotubes. <i>ChemSusChem</i> , 2018 , 11, 2382-2387	8.3	24
63	Pancreatic cancer-derived exosomes suppress the production of GIP and GLP-1 from STC-1 cells in vitro by down-regulating the PCSK1/3. <i>Cancer Letters</i> , 2018 , 431, 190-200	9.9	17
62	Bacteria-templated fabrication of a charge heterogeneous polymeric interface for highly specific bacterial recognition. <i>Chemical Communications</i> , 2017 , 53, 2319-2322	5.8	20
61	Dual Enzymatic Reaction-Assisted Gemcitabine Delivery Systems for Programmed Pancreatic Cancer Therapy. <i>ACS Nano</i> , 2017 , 11, 1281-1291	16.7	129
60	Amorphous Cobalt-Iron Hydroxide Nanosheet Electrocatalyst for Efficient Electrochemical and Photo-Electrochemical Oxygen Evolution. <i>Advanced Functional Materials</i> , 2017 , 27, 1603904	15.6	204
59	CuS/RGO hybrid by one-pot hydrothermal method for efficient electrochemical sensing of hydrogen peroxide. <i>Chinese Chemical Letters</i> , 2017 , 28, 1306-1311	8.1	14
58	Protective effect of cyanidin-3-O-glucoside on neonatal porcine islets. <i>Journal of Endocrinology</i> , 2017 , 235, 237-249	4.7	12
57	Finger motion pattern recognition based on sEMG Support Vector Machine 2017 ,		1
56	Effective mRNA Inhibition in PANC-1 Cells in Vitro Mediated via an mPEG-SeSe-PEI Delivery System. <i>Biological and Pharmaceutical Bulletin</i> , 2016 , 39, 680-8	2.3	3
55	Electrochemical reduction of gaseous CO ₂ with a catechol and polyethyleneimine co-deposited polypropylene membrane. <i>Electrochemistry Communications</i> , 2016 , 71, 1-4	5.1	7
54	Application Value of Selective Photon Shield in Dual-Energy Computed Tomography Angiography for Diagnosis of Intracranial Aneurysms. <i>Journal of Craniofacial Surgery</i> , 2016 , 27, e265-70	1.2	0

53	Prediction of Setschenow constants of N-heteroaromatics in NaCl solutions based on the partial charge on the heterocyclic nitrogen atom. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 3399-405	5.1	2
52	Preferential adsorption of pentachlorophenol from chlorophenols-containing wastewater using N-doped ordered mesoporous carbon. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 1482-91	5.1	12
51	Laparoscopic combined with percutaneous ablation for hepatocellular carcinoma under liver capsule: A single Chinese center experience of thirty patients. <i>Journal of Cancer Research and Therapeutics</i> , 2016 , 12, C143-C147	1.2	1
50	Inactivation of Bacteria in Oil Field Injected Water by a Pulsed Plasma Discharge Process. <i>Plasma Science and Technology</i> , 2016 , 18, 943-949	1.5	5
49	A laminar-flow based microfluidic microbial three-electrode cell for biosensing. <i>Electrochimica Acta</i> , 2016 , 199, 45-50	6.7	35
48	Ni _{0.85} Se as an efficient non-noble bifunctional electrocatalyst for full water splitting. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 10688-10694	6.7	66
47	In situ monitoring of <i>Shewanella oneidensis</i> MR-1 biofilm growth on gold electrodes by using a Pt microelectrode. <i>Bioelectrochemistry</i> , 2016 , 109, 95-100	5.6	7
46	A p-Si/NiCoSex core/shell nanopillar array photocathode for enhanced photoelectrochemical hydrogen production. <i>Energy and Environmental Science</i> , 2016 , 9, 3113-3119	35.4	142
45	Improving the biodecolorization of reactive blue 13 by sodium anthraquinone-2-sulfonate immobilized on modified polyvinyl alcohol beads. <i>Chinese Journal of Chemical Engineering</i> , 2015 , 23, 1194-1199 ³	2.2	3
44	Three-Dimensional Porous NiO Nanosheets Vertically Grown on Graphite Disks for Enhanced Performance Non-enzymatic Glucose Sensor. <i>Electrochimica Acta</i> , 2015 , 174, 745-752	6.7	76
43	A non-enzymatic hydrogen peroxide sensor based on vertical NiO nanosheets supported on the graphite sheet. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 749, 62-67	4.1	44
42	Cyanidin-3-O-glucoside enhanced the function of syngeneic mouse islets transplanted under the kidney capsule or into the portal vein. <i>Transplantation</i> , 2015 , 99, 508-14	1.8	12
41	Synthesis of supported vertical NiS ₂ nanosheets for hydrogen evolution reaction in acidic and alkaline solution. <i>RSC Advances</i> , 2015 , 5, 32976-32982	3.7	89
40	Mn/Ti-doped carbon xerogel for efficient catalysis of microcystin-LR degradation in the water surface discharge plasma reactor. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 17202-8	5.1	8
39	N-doped carbon xerogels as adsorbents for the removal of heavy metal ions from aqueous solution. <i>RSC Advances</i> , 2015 , 5, 7182-7191	3.7	30
38	Electro-catalytic oxidation of artificial human urine by using BDD and IrO ₂ electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 738, 14-19	4.1	36
37	Efficient removal of pentachlorophenol from wastewater by novel hydrophobically modified thermo-sensitive hydrogels. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 25, 67-72	6.3	11
36	Simultaneous Online Measurement of H ₂ O and CO ₂ in the Humid CO ₂ Adsorption/Desorption Process. <i>Analytical Sciences</i> , 2015 , 31, 757-61	1.7	1

35	Inhibition of autophagy promotes metastasis and glycolysis by inducing ROS in gastric cancer cells. <i>Oncotarget</i> , 2015 , 6, 39839-54	3.3	86
34	One-dimensional structured IrO ₂ nanorods modified membrane for electrochemical anti-fouling in filtration of oily wastewater. <i>Separation and Purification Technology</i> , 2015 , 156, 931-941	8.3	36
33	Degradation of pharmaceutical contaminant ibuprofen in aqueous solution by cylindrical wetted-wall corona discharge. <i>Chemical Engineering Journal</i> , 2015 , 267, 282-288	14.7	46
32	Selective Adsorption of Naphthalene in Aqueous Solution on Mesoporous Carbon Functionalized by Task-specific Ionic Liquid. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 2329-2338	3.9	15
31	Polymorphic CoSe ₂ with mixed orthorhombic and cubic phases for highly efficient hydrogen evolution reaction. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 1772-9	9.5	205
30	Pretreated multiwalled carbon nanotube adsorbents with amine-grafting for removal of carbon dioxide in confined spaces. <i>RSC Advances</i> , 2014 , 4, 56224-56234	3.7	17
29	Electrochemical treatment of artificial humidity condensate by large-scale boron doped diamond electrode. <i>Separation and Purification Technology</i> , 2014 , 138, 13-20	8.3	17
28	ON/OFF states of a microbial fuel cell controlled by an optical switching system. <i>RSC Advances</i> , 2014 , 4, 27277-27280	3.7	19
27	Pentachlorophenol Sorption in the Cetyltrimethylammonium Bromide/Bentonite One-Step Process in Single and Multiple Solute Systems. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 2610-2615	2.8	13
26	Ionic liquid-mediated electrochemical CO ₂ reduction in a microbial electrolysis cell. <i>Electrochemistry Communications</i> , 2013 , 35, 91-93	5.1	14
25	Direct electron transfer from electrode to electrochemically active bacteria in a bioelectrochemical dechlorination system. <i>Bioresource Technology</i> , 2013 , 148, 9-14	11	45
24	Denervation stage differentially influences resistance to neuromuscular blockers in rat gastrocnemius. <i>Journal of Surgical Research</i> , 2013 , 180, 266-73	2.5	14
23	Treatment of Restaurant Wastewater by Pilot-Scale Electrocoagulation-Electroflotation: Optimization of Operating Conditions. <i>Journal of Environmental Engineering, ASCE</i> , 2013 , 139, 1004-1016 ²		20
22	Kinetics of the Iron(II)- and Manganese(II)-Catalyzed Oxidation of S(IV) in Seawater with Acetic Buffer: A Study of Seawater Desulfurization Process. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 4740-4746	3.9	15
21	The role of exendin-4-conjugated superparamagnetic iron oxide nanoparticles in beta-cell-targeted MRI. <i>Biomaterials</i> , 2013 , 34, 5843-52	15.6	24
20	Deep Desulfurization of Fuels by Extraction with 4-Dimethylaminopyridinium-Based Ionic Liquids. <i>Energy & Fuels</i> , 2013 , 27, 4617-4623	4.1	34
19	Bcl-2-functionalized ultrasmall superparamagnetic iron oxide nanoparticles coated with amphiphilic polymer enhance the labeling efficiency of islets for detection by magnetic resonance imaging. <i>International Journal of Nanomedicine</i> , 2013 , 8, 3977-90	7.3	9
18	Submerged membrane bioreactor in treatment of simulated restaurant wastewater. <i>Separation and Purification Technology</i> , 2012 , 88, 184-190	8.3	23

17	Fish consumption and CHD mortality: an updated meta-analysis of seventeen cohort studies. <i>Public Health Nutrition</i> , 2012 , 15, 725-37	3.3	206
16	Ganoderma lucidum polysaccharides exert anti-hyperglycemic effect on streptozotocin-induced diabetic rats through affecting β cells. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2012 , 15, 542-50	1.3	35
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14	HDR CCD Image Sensor System through Double-A/D Convertors. <i>Applied Mechanics and Materials</i> , 2011 , 66-68, 2241-2247	0.3	1
13	Lane Detection in Critical Shadow Conditions Based on Double A/D Convertors Camera. <i>Lecture Notes in Computer Science</i> , 2011 , 54-62	0.9	1
12	Systematic review and meta-analysis of soy products consumption in patients with type 2 diabetes mellitus. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2011 , 20, 593-602	1	36
11	Induction of apoptosis by tomato using space mutation breeding in human colon cancer SW480 and HT-29 cells. <i>Journal of the Science of Food and Agriculture</i> , 2010 , 90, 615-21	4.3	5
10	COMPARATIVE EFFECTS OF TUNA OIL AND SALMON OIL ON LIVER LIPID METABOLISM AND FATTY ACID CONCENTRATIONS IN RATS. <i>Journal of Food Lipids</i> , 2009 , 16, 436-451		4
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1	Rational design on photoelectrodes and devices to boost photoelectrochemical performance of solar-driven water splitting: a mini review. <i>Frontiers of Chemical Science and Engineering</i> ,	4.5	0