

# Nan Li

## List of Publications by Citations

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199  
papers

10,443  
citations

46  
h-index

98  
g-index

204  
ext. papers

12,242  
ext. citations

7.6  
avg, IF

6.76  
L-index

#	Paper	IF	Citations
199	A metalorganic framework-derived bifunctional oxygen electrocatalyst. <i>Nature Energy</i> , <b>2016</b> , 1,	62.3	1622
198	Efficient and Stable Bifunctional Electrocatalysts Ni/NixMy (M = P, S) for Overall Water Splitting. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 3314-3323	15.6	690
197	ZnCo <sub>2</sub> O <sub>4</sub> Quantum Dots Anchored on Nitrogen-Doped Carbon Nanotubes as Reversible Oxygen Reduction/Evolution Electrocatalysts. <i>Advanced Materials</i> , <b>2016</b> , 28, 3777-84	24	568
196	Atomic Modulation of FeCo/Nitrogen/Carbon Bifunctional Oxygen Electrodes for Rechargeable and Flexible All-Solid-State Zinc/Air Battery. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1602420	21.8	505
195	Amorphous Ni(OH) <sub>2</sub> @ three-dimensional Ni core-shell nanostructures for high capacitance pseudocapacitors and asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 13845-13853	13	323
194	Cu/Co Bimetallic Oxide Quantum Dot Decorated Nitrogen-Doped Carbon Nanotubes: A High-Efficiency Bifunctional Oxygen Electrode for Zn/Air Batteries. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1701833	15.6	276
193	Ultrathin NiCo <sub>2</sub> Px nanosheets strongly coupled with CNTs as efficient and robust electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 7420-7427	13	241
192	Vertically oriented MoS <sub>2</sub> and WS <sub>2</sub> nanosheets directly grown on carbon cloth as efficient and stable 3-dimensional hydrogen-evolving cathodes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 131-135	13	229
191	Systematic Bandgap Engineering of Graphene Quantum Dots and Applications for Photocatalytic Water Splitting and CO Reduction. <i>ACS Nano</i> , <b>2018</b> , 12, 3523-3532	16.7	222
190	Accelerated start-up of two-chambered microbial fuel cells: Effect of anodic positive poised potential. <i>Electrochimica Acta</i> , <b>2009</b> , 54, 1109-1114	6.7	194
189	Sequestration of CO <sub>2</sub> discharged from anode by algal cathode in microbial carbon capture cells (MCCs). <i>Biosensors and Bioelectronics</i> , <b>2010</b> , 25, 2639-43	11.8	176
188	A Porous Perchlorate-Doped Polypyrrole Nanocoating on Nickel Nanotube Arrays for Stable Wide-Potential-Window Supercapacitors. <i>Advanced Materials</i> , <b>2016</b> , 28, 7680-7	24	161
187	Double-Shelled CdS- and CdSe-Cosensitized ZnO Porous Nanotube Arrays for Superior Photoelectrocatalytic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 16387-94	9.5	157
186	S, N co-doped carbon nanotube-encapsulated core-shelled CoS <sub>2</sub> @Co nanoparticles: efficient and stable bifunctional catalysts for overall water splitting. <i>Science Bulletin</i> , <b>2018</b> , 63, 1130-1140	10.6	156
185	Embedding Au Quantum Dots in Rimous Cadmium Sulfide Nanospheres for Enhanced Photocatalytic Hydrogen Evolution. <i>Small</i> , <b>2016</b> , 12, 6735-6744	11	145
184	g-C <sub>3</sub> N <sub>4</sub> decorated ZnO nanorod arrays for enhanced photoelectrocatalytic performance. <i>Applied Surface Science</i> , <b>2015</b> , 358, 296-303	6.7	138
183	Fabrication of hierarchical flower-like super-structures consisting of porous NiCo <sub>2</sub> O <sub>4</sub> nanosheets and their electrochemical and magnetic properties. <i>RSC Advances</i> , <b>2013</b> , 3, 4372	3.7	131

182	Facile hydrothermal synthesis of urchin-like NiCo <sub>2</sub> O <sub>4</sub> spheres as efficient electrocatalysts for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 6657-6662	6.7	127
181	Bioaugmentation for electricity generation from corn stover biomass using microbial fuel cells. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 6088-93	10.3	126
180	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. <i>ACS Nano</i> , <b>2016</b> , 10, 3622-9	16.7	124
179	Granulation and ferric oxides loading enable biochar derived from cotton stalk to remove phosphate from water. <i>Bioresource Technology</i> , <b>2015</b> , 178, 119-125	11	123
178	Enhanced Photoelectrocatalytic Activity of BiOI Nanoplate-Zinc Oxide Nanorod p-n Heterojunction. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 15360-8	4.8	117
177	Building layered Ni <sub>x</sub> Co <sub>2-x</sub> (OH) <sub>6</sub> nanosheets decorated three-dimensional Ni frameworks for electrochemical applications. <i>Journal of Power Sources</i> , <b>2016</b> , 317, 1-9	8.9	89
176	Three-dimensional electrode microbial fuel cell for hydrogen peroxide synthesis coupled to wastewater treatment. <i>Journal of Power Sources</i> , <b>2014</b> , 254, 316-322	8.9	88
175	Electric field induced salt precipitation into activated carbon air-cathode causes power decay in microbial fuel cells. <i>Water Research</i> , <b>2017</b> , 123, 369-377	12.5	88
174	One-Pot Synthesis of Pt <sub>1-x</sub> Co Alloy Nanowire Assemblies with Tunable Composition and Enhanced Electrocatalytic Properties. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 3868-3872	3.6	85
173	Amorphous MnO <sub>2</sub> supported on 3D-Ni nanodendrites for large areal capacitance supercapacitors. <i>Electrochimica Acta</i> , <b>2014</b> , 149, 341-348	6.7	76
172	Sand amendment enhances bioelectrochemical remediation of petroleum hydrocarbon contaminated soil. <i>Chemosphere</i> , <b>2015</b> , 141, 62-70	8.4	74
171	A novel carbon black graphite hybrid air-cathode for efficient hydrogen peroxide production in bioelectrochemical systems. <i>Journal of Power Sources</i> , <b>2016</b> , 306, 495-502	8.9	73
170	A remarkable activity of glycerol electrooxidation on gold in alkaline medium. <i>Electrochimica Acta</i> , <b>2012</b> , 59, 156-159	6.7	72
169	Conductive materials in anaerobic digestion: From mechanism to application. <i>Bioresource Technology</i> , <b>2020</b> , 298, 122403	11	68
168	Polydopamine as a new modification material to accelerate startup and promote anode performance in microbial fuel cells. <i>Journal of Power Sources</i> , <b>2017</b> , 343, 477-482	8.9	65
167	Enhanced biodegradation of aged petroleum hydrocarbons in soils by glucose addition in microbial fuel cells. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2016</b> , 91, 267-275	3.5	63
166	Bifunctional MOF-derived Co-N-doped carbon electrocatalysts for high-performance zinc-air batteries and MFCs. <i>Energy</i> , <b>2018</b> , 156, 95-102	7.9	58
165	Monitoring Dynamic Cellular Redox Homeostasis Using Fluorescence-Switchable Graphene Quantum Dots. <i>ACS Nano</i> , <b>2016</b> , 10, 11475-11482	16.7	56

164	In situ formation of consubstantial NiCo <sub>2</sub> S <sub>4</sub> nanorod arrays toward self-standing electrode for high activity supercapacitors and overall water splitting. <i>Journal of Power Sources</i> , <b>2018</b> , 402, 116-123	8.9	56
163	Au-NiCo <sub>2</sub> O <sub>4</sub> supported on three-dimensional hierarchical porous graphene-like material for highly effective oxygen evolution reaction. <i>Scientific Reports</i> , <b>2016</b> , 6, 23398	4.9	55
162	Accelerated OH(-) transport in activated carbon air cathode by modification of quaternary ammonium for microbial fuel cells. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 4191-8	10.3	54
161	Highly efficient electro-generation of HO by adjusting liquid-gas-solid three phase interfaces of porous carbonaceous cathode during oxygen reduction reaction. <i>Water Research</i> , <b>2019</b> , 164, 114933	12.5	51
160	BiOBr nanoplate-wrapped ZnO nanorod arrays for high performance photoelectrocatalytic application. <i>RSC Advances</i> , <b>2016</b> , 6, 16122-16130	3.7	50
159	Recovery of phosphate from aqueous solutions via vivianite crystallization: Thermodynamics and influence of pH. <i>Chemical Engineering Journal</i> , <b>2018</b> , 349, 37-46	14.7	50
158	Electrochemical synthesis of ZnO/CdTe core-shell nanotube arrays for enhanced photoelectrochemical properties. <i>Electrochimica Acta</i> , <b>2013</b> , 98, 268-273	6.7	50
157	The direct electron transfer of myoglobin based on the electron tunneling in proteins. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 11561-5	3.4	50
156	Resin-enhanced rolling activated carbon electrode for efficient capacitive deionization. <i>Desalination</i> , <b>2017</b> , 419, 20-28	10.3	49
155	Abruptly autofocusing property of blocked circular Airy beams. <i>Optics Express</i> , <b>2014</b> , 22, 22847-53	3.3	48
154	A novel electro-coagulation-Fenton for energy efficient cyanobacteria and cyanotoxins removal without chemical addition. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 365, 650-658	12.8	47
153	Superhydrophobic Air-Breathing Cathode for Efficient Hydrogen Peroxide Generation through Two-Electron Pathway Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 35410-35419	9.5	46
152	Phosphorus Competition in Bioinduced Vivianite Recovery from Wastewater. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 13863-13870	10.3	46
151	Time behavior and capacitance analysis of nano-Fe <sub>3</sub> O <sub>4</sub> added microbial fuel cells. <i>Bioresource Technology</i> , <b>2013</b> , 144, 689-92	11	45
150	Enhanced electricity generation and extracellular electron transfer by polydopamine/reduced graphene oxide (PDABGO) modification for high-performance anode in microbial fuel cell. <i>Chemical Engineering Journal</i> , <b>2020</b> , 387, 123408	14.7	45
149	MnO <sub>2</sub> /reduced graphene oxide composite as high-performance electrode for flexible supercapacitors. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 30, 1-4	3.1	44
148	Self-assembly synthesis of CuSe@graphene/carbon nanotubes as efficient and robust oxygen reduction electrocatalysts for microbial fuel cells. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 12273-12280 <sup>13</sup>	13	44
147	Subminimal inhibitory concentration (sub-MIC) of antibiotic induces electroactive biofilm formation in bioelectrochemical systems. <i>Water Research</i> , <b>2017</b> , 125, 280-287	12.5	43

146	One-dimensional ZnO/Mn <sub>3</sub> O <sub>4</sub> core/shell nanorod and nanotube arrays with high supercapacitive performance for electrochemical energy storage. <i>RSC Advances</i> , <b>2014</b> , 4, 17274-17281	3.7	42
145	Bifunctional quaternary ammonium compounds to inhibit biofilm growth and enhance performance for activated carbon air-cathode in microbial fuel cells. <i>Journal of Power Sources</i> , <b>2014</b> , 272, 895-899	8.9	42
144	Photoredox-Catalyzed Hydroacylation of Olefins Employing Carboxylic Acids and Hydrosilanes. <i>Organic Letters</i> , <b>2017</b> , 19, 3430-3433	6.2	41
143	A microbial fuel cell with the three-dimensional electrode applied an external voltage for synthesis of hydrogen peroxide from organic matter. <i>Journal of Power Sources</i> , <b>2015</b> , 287, 291-296	8.9	40
142	Domino-Fluorination-Protodefluorination Enables Decarboxylative Cross-Coupling of $\alpha$ -Oxocarboxylic Acids with Styrene via Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 9305-9311	4.2	40
141	Bioelectrochemical Ammoniation Coupled with Microbial Electrolysis for Nitrogen Recovery from Nitrate in Wastewater. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 3002-3011	10.3	39
140	Real-Time Imaging Revealed That Exoelectrogens from Wastewater Are Selected at the Center of a Gradient Electric Field. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 8939-8946	10.3	38
139	Manganese oxides supported on hydrogenated TiO <sub>2</sub> nanowire array catalysts for the electrochemical oxygen evolution reaction in water electrolysis. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 21308-21313	13	37
138	Power generation using adjustable Nafion/PTFE mixed binders in air-cathode microbial fuel cells. <i>Biosensors and Bioelectronics</i> , <b>2010</b> , 26, 946-8	11.8	37
137	Alternating Current Influences Anaerobic Electroactive Biofilm Activity. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 9169-76	10.3	37
136	Anion-assisted one-pot synthesis of 1D magnetic $\alpha$ - and $\beta$ -MnO <sub>2</sub> nanostructures for recyclable water treatment application. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 2497-2505	3.6	36
135	Acetate limitation selects <i>Geobacter</i> from mixed inoculum and reduces polysaccharide in electroactive biofilm. <i>Water Research</i> , <b>2020</b> , 177, 115776	12.5	36
134	Repeated transfer enriches highly active electrotrophic microbial consortia on biocathodes in microbial fuel cells. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 121, 118-124	11.8	36
133	CO <sub>2</sub> -Responsive Polymer-Functionalized Au Nanoparticles for CO <sub>2</sub> Sensor. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 8289-93	7.8	34
132	Novel tungsten carbide nanorods: an intrinsic peroxidase mimetic with high activity and stability in aqueous and organic solvents. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 54, 521-7	11.8	34
131	Facile Synthesis of Large-Area Hierarchical Bismuth Molybdate Nanowires for Supercapacitor Applications. <i>Journal of the Electrochemical Society</i> , <b>2012</b> , 159, D582-D586	3.9	34
130	Graphene quantum dots based fluorescence turn-on nanoprobe for highly sensitive and selective imaging of hydrogen sulfide in living cells. <i>Biomaterials Science</i> , <b>2018</b> , 6, 779-784	7.4	33
129	Bioelectrochemical Sensor Using Living Biofilm To in Situ Evaluate Flocculant Toxicity. <i>ACS Sensors</i> , <b>2016</b> , 1, 1374-1379	9.2	33

128	Ethanol oxidation on Pd/C enhanced by MgO in alkaline medium. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 16015-16019	6.7	33
127	Photoredox and cobalt co-catalyzed C(sp <sup>2</sup> ) functionalization/C-D bond formation for synthesis of lactones under oxidant- and acceptor-free conditions. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 749-752	5.2	33
126	Enhanced activity and stability of Co <sub>3</sub> O <sub>4</sub> -decorated nitrogen-doped carbon hollow sphere catalysts for microbial fuel cells. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 1315-1323	5.5	30
125	Gravity settling of planktonic bacteria to anodes enhances current production of microbial fuel cells. <i>Applied Energy</i> , <b>2017</b> , 198, 261-266	10.7	30
124	Effect of temperature on intracellular phosphorus absorption and extra-cellular phosphorus removal in EBPR process. <i>Bioresource Technology</i> , <b>2010</b> , 101, 6265-8	11	30
123	Self-Supported Amorphous-Edge Nickel Sulfide Nanobrush for Excellent Energy Storage. <i>Electrochimica Acta</i> , <b>2017</b> , 255, 153-159	6.7	29
122	Enhancing hydrogen evolution reaction through modulating electronic structure of self-supported NiFe LDH. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 4184-4190	5.5	29
121	Nutrient conversion and recovery from wastewater using electroactive bacteria. <i>Science of the Total Environment</i> , <b>2020</b> , 706, 135690	10.2	29
120	Regeneration of activated carbon air-cathodes by half-wave rectified alternating fields in microbial fuel cells. <i>Applied Energy</i> , <b>2018</b> , 219, 199-206	10.7	28
119	CuSe decorated carbon nanotubes as a high performance cathode catalyst for microbial fuel cells. <i>Electrochimica Acta</i> , <b>2016</b> , 213, 283-290	6.7	28
118	Preparation and Enhancement of Thermal Conductivity of Heat Transfer Oil-Based MoS <sub>2</sub> Nanofluids. <i>Journal of Nanomaterials</i> , <b>2013</b> , 2013, 1-6	3.2	27
117	Reagentless biosensor for phenolic compounds based on tyrosinase entrapped within gelatine film. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 383, 1127-32	4.4	26
116	Quaternary Ammonium Compound in Anolyte without Functionalization Accelerates the Startup of Bioelectrochemical Systems using Real Wastewater. <i>Electrochimica Acta</i> , <b>2016</b> , 188, 801-808	6.7	25
115	In situ evolution of the active phase on stainless steel mesh toward a cost-effective bifunctional electrode for energy storage and conversion. <i>Chemical Communications</i> , <b>2019</b> , 55, 2513-2516	5.8	24
114	Directed electrochemical synthesis of ZnO/PDMcT core/shell nanorod arrays with enhanced photoelectrochemical properties. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 15019-15026	6.7	24
113	Syntrophic Growth of Accelerates Anaerobic Denitrification. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1572	5.7	23
112	Electrode potential regulates phenol degradation pathways in oxygen-diffused microbial electrochemical system. <i>Chemical Engineering Journal</i> , <b>2020</b> , 381, 122663	14.7	23
111	Chemical Sensing on a Single SERS Particle. <i>ACS Sensors</i> , <b>2017</b> , 2, 135-139	9.2	22

110	Gallic acid-assisted synthesis of Pd uniformly anchored on porous N-rGO as efficient electrocatalyst for microbial fuel cells. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1442-1450	4.3	22
109	Optimal set of electrode potential enhances the toxicity response of biocathode to formaldehyde. <i>Science of the Total Environment</i> , <b>2018</b> , 644, 1485-1492	10.2	22
108	Pt/C and Pd/C catalysts promoted by Au for glycerol and CO electrooxidation in alkaline medium. <i>Journal of the Energy Institute</i> , <b>2017</b> , 90, 725-733	5.7	22
107	Fenton-based technologies as efficient advanced oxidation processes for microcystin-LR degradation. <i>Science of the Total Environment</i> , <b>2021</b> , 753, 141809	10.2	22
106	Protection of Electroactive Biofilm from Extreme Acid Shock by Polydopamine Encapsulation. <i>Environmental Science and Technology Letters</i> , <b>2017</b> , 4, 345-349	11	21
105	Autogenically Secretes Fulvic Acid to Facilitate the Dissimilated Iron Reduction and Vivianite Recovery. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 10850-10858	10.3	21
104	Revealing Decay Mechanisms of HO-Based Electrochemical Advanced Oxidation Processes after Long-Term Operation for Phenol Degradation. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 10916-10925	10.3	21
103	Electron Flow Shifts from Anode Respiration to Nitrate Reduction During Electroactive Biofilm Thickening. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 9593-9600	10.3	20
102	Two zinc-binding domains in the transporter AdcA from facilitate high-affinity binding and fast transport of zinc. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 6075-6089	5.4	19
101	A CO <sub>2</sub> -responsive surface with an amidine-terminated self-assembled monolayer for stimuli-induced selective adsorption. <i>Chemical Communications</i> , <b>2014</b> , 50, 4003-6	5.8	19
100	Swift Acid Rain Sensing by Synergistic Rhizospheric Bioelectrochemical Responses. <i>ACS Sensors</i> , <b>2018</b> , 3, 1424-1430	9.2	19
99	Acid pretreatment of three-dimensional graphite cathodes enhances the hydrogen peroxide synthesis in bioelectrochemical systems. <i>Science of the Total Environment</i> , <b>2018</b> , 630, 308-313	10.2	17
98	Varied metal-binding properties of lipoprotein PsaA in <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Inorganic Chemistry</i> , <b>2014</b> , 19, 829-38	3.7	17
97	Functional studies of rat galactokinase. <i>Journal of Biotechnology</i> , <b>2009</b> , 141, 142-6	3.7	17
96	GrapheneBacteria composite for oxygen reduction and lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 12873-12879	13	16
95	A facile way to synthesize Er <sub>2</sub> O <sub>3</sub> @ZnO core-shell nanorods for photoelectrochemical water splitting. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 45, 116-119	3.1	16
94	Synergistic effect between poly(diallyldimethylammonium chloride) and reduced graphene oxide for high electrochemically active biofilm in microbial fuel cell. <i>Electrochimica Acta</i> , <b>2020</b> , 359, 136949	6.7	16
93	Facile hydrothermal synthesis of cobalt manganese oxides spindles and their magnetic properties. <i>Ceramics International</i> , <b>2015</b> , 41, 8670-8679	5.1	15

92	Unignorable toxicity of formaldehyde on electroactive bacteria in bioelectrochemical systems. <i>Environmental Research</i> , <b>2020</b> , 183, 109143	7.9	15
91	Enhanced lithium storage performance of porous exfoliated carbon fibers anchored nickel nanoparticles.. <i>RSC Advances</i> , <b>2018</b> , 8, 17056-17059	3.7	15
90	Characterization of mitochondrial trifunctional protein and its inactivation study for medicine development. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2008</b> , 1784, 1742-9	4	15
89	In-situ hydrogen peroxide synthesis with environmental applications in bioelectrochemical systems: A state-of-the-art review. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 3204-3219	6.7	15
88	Co <sub>0.85</sub> Se on three-dimensional hierarchical porous graphene-like carbon for highly effective oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 10182-10189	6.7	14
87	Enzymatic-reaction induced production of polydopamine nanoparticles for sensitive and visual sensing of urea. <i>Analyst, The</i> , <b>2015</b> , 140, 449-55	5	14
86	Porous Co <sub>3</sub> O <sub>4</sub> decorated nitrogen-doped graphene electrocatalysts for efficient bioelectricity generation in MFCs. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 10311-10321	6.7	14
85	CuCo <sub>2</sub> S <sub>4</sub> Nanosheets Coupled With Carbon Nanotube Heterostructures for Highly Efficient Capacitive Energy Storage. <i>ChemElectroChem</i> , <b>2018</b> , 5, 2496-2502	4.3	14
84	Dynamic analysis and rotation experiment of an optical-trapped microsphere in air. <i>Applied Optics</i> , <b>2018</b> , 57, 823-828	1.7	13
83	Electrochemical regulation on the metabolism of anode biofilms under persistent exogenous bacteria interference. <i>Electrochimica Acta</i> , <b>2020</b> , 340, 135922	6.7	12
82	Pretreatment of Raw Biochar and Phosphate Removal Performance of Modified Granular Iron/Biochar. <i>Transactions of Tianjin University</i> , <b>2017</b> , 23, 340-350	2.9	12
81	Proteomic analysis on the antibacterial activity of a Ru(II) complex against Streptococcus pneumoniae. <i>Journal of Proteomics</i> , <b>2015</b> , 115, 107-16	3.9	12
80	Enhanced performance of microbial fuel cells using Ag nanoparticles modified Co, N co-doped carbon nanosheets as bifunctional cathode catalyst. <i>Bioelectrochemistry</i> , <b>2021</b> , 138, 107717	5.6	12
79	Radiation forces on a Rayleigh particle produced by partially coherent circular Airy beams. <i>Optics Express</i> , <b>2019</b> , 27, 27777-27785	3.3	11
78	Heterotopic formaldehyde biodegradation through UV/H <sub>2</sub> O <sub>2</sub> system with biosynthetic H <sub>2</sub> O <sub>2</sub> . <i>Water Environment Research</i> , <b>2019</b> , 91, 598-605	2.8	10
77	A universal ultrasensitive platform for enzyme-linked immunoassay based on responsive surface-enhanced Raman scattering. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 315, 128135	8.5	10
76	Thiophene-derived polymer dots for imaging endocytic compartments in live cells and broad-spectrum bacterial killing. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 152-157	7.8	10
75	Synthesis and characterization of DDP-coated PbO nanoparticles. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 1124-1127		10



74	Chemical interference with iron transport systems to suppress bacterial growth of <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e105953	3.7	10
73	Rational design and synthesis of hollow Fe-N/C electrocatalysts for enhanced oxygen reduction reaction. <i>Chemical Communications</i> , <b>2021</b> , 57, 5258-5261	5.8	10
72	A facile way to prepare CuS-oil nanofluids with enhanced thermal conductivity and appropriate viscosity. <i>Journal of Nanoparticle Research</i> , <b>2017</b> , 19, 1	2.3	9
71	Gold Superparticles Functionalized with Azobenzene Derivatives: SERS Nanotags with Strong Signals. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 10530-10536	9.5	9
70	One-pot synthesis of ultrafine TiO <sub>2</sub> nanoparticles with enhanced thermal conductivity for nanofluid applications. <i>Advanced Powder Technology</i> , <b>2016</b> , 27, 299-304	4.6	9
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