

Liang Chen

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

178
papers

10,941
citations

53
h-index

101
g-index

186
ext. papers

13,473
ext. citations

8.5
avg, IF

6.77
L-index

#	Paper	IF	Citations
178	TRIM28 attenuates Bortezomib sensitivity of hepatocellular carcinoma cells through enhanced proteasome expression.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e603	5.7	0
177	Ligand Defect Density Regulation in Metal-Organic Frameworks by Functional Group Engineering on Linkers.. <i>Nano Letters</i> , 2022 ,	11.5	5
176	-Carbamoylglutamate Supplementation on the Digestibility, Rumen Fermentation, Milk Quality, Antioxidant Parameters, and Metabolites of Jersey Cattle in High-Altitude Areas.. <i>Frontiers in Veterinary Science</i> , 2022 , 9, 848912	3.1	0
175	High-Throughput Screening of a Single-Atom Alloy for Electroreduction of Dinitrogen to Ammonia. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 16336-16344	9.5	13
174	A newly-isolated Cd-loving <i>Purpureocillium</i> sp. strain YZ1 substantially alleviates Cd toxicity to wheat. <i>Plant and Soil</i> , 2021 , 464, 289	4.2	3
173	Fast and Stable Electrochemical Production of H ₂ O ₂ by Electrode Architecture Engineering. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 7120-7129	8.3	8
172	Dietary amylose:amylopectin ratio influences the expression of amino acid transporters and enzyme activities for amino acid metabolism in the gastrointestinal tract of goats. <i>British Journal of Nutrition</i> , 2021 , 1-11	3.6	0
171	Bioaccumulation and human health risk assessment of trace metals in the freshwater mussel <i>Cristaria plicata</i> in Dongting Lake, China. <i>Journal of Environmental Sciences</i> , 2021 , 104, 335-350	6.4	12
170	A natural product, Piperlongumine (PL), increases tumor cells sensitivity to NK cell killing. <i>International Immunopharmacology</i> , 2021 , 96, 107658	5.8	4
169	Farmland heavy metals can migrate to deep soil at a regional scale: A case study on a wastewater-irrigated area in China. <i>Environmental Pollution</i> , 2021 , 281, 116977	9.3	7
168	Effects of acute exposure to microcystins on hypothalamic-pituitary-adrenal (HPA), -gonad (HPG) and -thyroid (HPT) axes of female rats. <i>Science of the Total Environment</i> , 2021 , 778, 145196	10.2	4
167	MOF-Derived Zinc-Doped Ruthenium Oxide Hollow Nanorods as Highly Active and Stable Electrocatalysts for Oxygen Evolution in Acidic Media. <i>ChemNanoMat</i> , 2021 , 7, 117-121	3.5	4
166	Challenges of using blooms of <i>Microcystis</i> spp. in animal feeds: A comprehensive review of nutritional, toxicological and microbial health evaluation. <i>Science of the Total Environment</i> , 2021 , 764, 142319	10.2	26
165	Recent advances on electrocatalytic fixation of nitrogen under ambient conditions. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 5516-5533	7.8	4
164	Transformation from a non-radical to a radical pathway the amorphization of a Ni(OH) catalyst as a peroxymonosulfate activator for the ultrafast degradation of organic pollutants. <i>Nanoscale</i> , 2021 , 13, 7700-7708	7.7	0
163	Ultrathin Reduced Graphene Oxide/Organosilica Hybrid Membrane for Gas Separation. <i>Jacs Au</i> , 2021 , 1, 328-335		4
162	Synergistic Tumor Cytolysis by NK Cells in Combination With a Pan-HDAC Inhibitor, Panobinostat. <i>Frontiers in Immunology</i> , 2021 , 12, 701671	8.4	1

161	Enhancement of Mass Transfer for Facilitating Industrial-Level CO ₂ Electroreduction on Atomic Ni ₂ N ₄ Sites. <i>Advanced Energy Materials</i> , 2021 , 11, 2102152	21.8	8
160	The Critical Role of Additive Sulfate for Stable Alkaline Seawater Oxidation on Nickel-Based Electrodes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22740-22744	16.4	11
159	Atomically Dispersed High-Density Al-N Sites in Porous Carbon for Efficient Photodriven CO Cycloaddition. <i>Advanced Materials</i> , 2021 , 33, e2103186	24	12
158	The Critical Role of Additive Sulfate for Stable Alkaline Seawater Oxidation on Nickel-Based Electrodes. <i>Angewandte Chemie</i> , 2021 , 133, 22922	3.6	2
157	Enhanced catalytic performance of Pt by coupling with carbon defects. <i>Innovation(China)</i> , 2021 , 2, 1001617.8	17.8	2
156	Theoretical investigation of defective MXenes as potential electrocatalysts for CO reduction toward C products. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 12431-12438	3.6	2
155	Inhibition of AMPK activity by TRIM11 facilitates cell survival of hepatocellular carcinoma under metabolic stress.. <i>Clinical and Translational Medicine</i> , 2021 , 11, e617	5.7	0
154	Recent Progress in Low Pt Content Electrocatalysts for Hydrogen Evolution Reaction. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000396	4.6	32
153	Ammonia Thermal Treatment toward Topological Defects in Porous Carbon for Enhanced Carbon Dioxide Electroreduction. <i>Advanced Materials</i> , 2020 , 32, e2001300	24	60
152	inhibits hepatocellular carcinoma cell growth and metastasis. <i>Cell Cycle</i> , 2020 , 19, 1846-1854	4.7	4
151	Recent Advances in Metal-Organic Frameworks and Their Derived Materials for Electrocatalytic Water Splitting. <i>ChemElectroChem</i> , 2020 , 7, 1805-1824	4.3	27
150	Light, but Not Nutrients, Drives Seasonal Congruence of Taxonomic and Functional Diversity of Phytoplankton in a Eutrophic Highland Lake in China. <i>Frontiers in Plant Science</i> , 2020 , 11, 179	6.2	3
149	TRIM25 promotes the cell survival and growth of hepatocellular carcinoma through targeting Keap1-Nrf2 pathway. <i>Nature Communications</i> , 2020 , 11, 348	17.4	55
148	Iron Hexacyanoferrate Nanocubes as Low-Strain Cathode Materials for Aqueous Li/Na Mixed-Ion Batteries. <i>ACS Applied Nano Materials</i> , 2020 , 3, 1318-1323	5.6	2
147	Monitoring graphene oxide efficiency for removing Re(VII) and Cr(VI) with fluorescent silica hydrogels. <i>Environmental Pollution</i> , 2020 , 262, 114246	9.3	14
146	Mg-Doping improves the performance of Ru-based electrocatalysts for the acidic oxygen evolution reaction. <i>Chemical Communications</i> , 2020 , 56, 1749-1752	5.8	21
145	A Co-Doped Nanorod-like RuO ₂ Electrocatalyst with Abundant Oxygen Vacancies for Acidic Water Oxidation. <i>IScience</i> , 2020 , 23, 100756	6.1	61
144	Visible/infrared light-driven high-efficiency CO ₂ conversion into ethane based on a Bi ₂ O ₃ synergistic catalyst. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 22327-22334	13	11

143	Integrating PtNi nanoparticles on NiFe layered double hydroxide nanosheets as a bifunctional catalyst for hybrid sodium-air batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 16355-16365	13	13
142	Double Atom Catalysts: Heteronuclear Transition Metal Dimer Anchored on Nitrogen-Doped Graphene as Superior Electrocatalyst for Nitrogen Reduction Reaction. <i>Advanced Theory and Simulations</i> , 2020 , 3, 2000190	3.5	6
141	Atomically dispersed Lewis acid sites boost 2-electron oxygen reduction activity of carbon-based catalysts. <i>Nature Communications</i> , 2020 , 11, 5478	17.4	38
140	Emerging Roles of Tripartite Motif-Containing Family Proteins (TRIMs) in Eliminating Misfolded Proteins. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 802	5.7	7
139	Metagenomics-Guided Discovery of Potential Bacterial Metallothionein Genes from the Soil Microbiome That Confer Cu and/or Cd Resistance. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	10
138	Chromium-ruthenium oxide solid solution electrocatalyst for highly efficient oxygen evolution reaction in acidic media. <i>Nature Communications</i> , 2019 , 10, 162	17.4	201
137	Theoretical Investigation on the Single Transition-Metal Atom-Decorated Defective MoS for Electrocatalytic Ammonia Synthesis. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36506-36514	9.5	49
136	CrC Nanoparticle-Embedded Carbon Nanofiber for Artificial Synthesis of NH through N Fixation under Ambient Conditions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 35764-35769	9.5	30
135	Modulation of the inflammatory tumor microenvironment: a new approach for photothermal-synergized cancer immunotherapy. <i>Nanomedicine</i> , 2019 , 14, 2101-2104	5.6	4
134	Methylsulfonylmethane-Based Deep Eutectic Solvent as a New Type of Green Electrolyte for a High-Energy-Density Aqueous Lithium-Ion Battery. <i>ACS Energy Letters</i> , 2019 , 4, 1419-1426	20.1	49
133	Theoretical Screening of Single Transition Metal Atoms Embedded in MXene Defects as Superior Electrocatalyst of Nitrogen Reduction Reaction. <i>Small Methods</i> , 2019 , 3, 1900337	12.8	124
132	Isolation and Characterization of CsWRKY7, a Subgroup IId WRKY Transcription Factor from Arabidopsis, Linked to Development in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
131	Integrative plasma proteomic and microRNA analysis of Jersey cattle in response to high-altitude hypoxia. <i>Journal of Dairy Science</i> , 2019 , 102, 4606-4618	4	14
130	Hexagonal boron nitride nanosheet for effective ambient N ₂ fixation to NH ₃ . <i>Nano Research</i> , 2019 , 12, 919-924	10	88
129	Fabricating Single-Atom Catalysts from Chelating Metal in Open Frameworks. <i>Advanced Materials</i> , 2019 , 31, e1808193	24	103
128	GmYUC2a mediates auxin biosynthesis during root development and nodulation in soybean. <i>Journal of Experimental Botany</i> , 2019 , 70, 3165-3176	7	26
127	Spatial and interspecies differences in concentrations of eight trace elements in wild freshwater fishes at different trophic levels from middle and eastern China. <i>Science of the Total Environment</i> , 2019 , 672, 883-892	10.2	23
126	Analysis of Genetic Diversity and Development of a SCAR Marker for Green Tea (<i>Camellia sinensis</i>) Cultivars in Zhejiang Province: The Most Famous Green Tea-Producing Area in China. <i>Biochemical Genetics</i> , 2019 , 57, 555-570	2.4	4

125	Cloning and expression patterns of VQ-motif-containing proteins under abiotic stress in tea plant. <i>Plant Growth Regulation</i> , 2019 , 87, 277-286	3.2	4
124	Facile Synthesis of Amine-functionalized MOFs Incorporated Polyimide MMMs with Enhanced CO2 Permselectivity. <i>ChemistrySelect</i> , 2019 , 4, 2368-2373	1.8	6
123	Transitional Metal Catalytic Pyrite Cathode Enables Ultrastable Four-Electron-Based All-Solid-State Lithium Batteries. <i>ACS Nano</i> , 2019 , 13, 9551-9560	16.7	28
122	Dental Resin Monomer Enables Unique NbO ₂ /Carbon Lithium-Ion Battery Negative Electrode with Exceptional Performance. <i>Advanced Functional Materials</i> , 2019 , 29, 1904961	15.6	18
121	Ultrafine Defective RuO ₂ Electrocatalyst Integrated on Carbon Cloth for Robust Water Oxidation in Acidic Media. <i>Advanced Energy Materials</i> , 2019 , 9, 1901313	21.8	95
120	Polyethylene Glycol-Na Interface of Vanadium Hexacyanoferrate Cathode for Highly Stable Rechargeable Aqueous Sodium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 28762-28788	8.5	20
119	Global geographical and historical overview of cyanotoxin distribution and cyanobacterial poisonings. <i>Archives of Toxicology</i> , 2019 , 93, 2429-2481	5.8	103
118	Multi-Omics Analysis Reveals Up-Regulation of APR Signaling, LXR/RXR and FXR/RXR Activation Pathways in Holstein Dairy Cows Exposed to High-Altitude Hypoxia. <i>Animals</i> , 2019 , 9,	3.1	7
117	Electrocatalysts: Ultrafine Defective RuO ₂ Electrocatalyst Integrated on Carbon Cloth for Robust Water Oxidation in Acidic Media (Adv. Energy Mater. 35/2019). <i>Advanced Energy Materials</i> , 2019 , 9, 1901336	21.8	2
116	Na Superionic Conductor-Type TiNb(PO) Anode with High Energy Density and Long Cycle Life Enables Aqueous Alkaline-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 39757-39764	9.5	5
115	A molecular-templating strategy to polyamine-incorporated porous organic polymers for unprecedented CO ₂ capture and separation. <i>Science China Materials</i> , 2019 , 62, 448-454	7.1	9
114	TRIM11 cooperates with HSF1 to suppress the anti-tumor effect of proteotoxic stress drugs. <i>Cell Cycle</i> , 2019 , 18, 60-68	4.7	8
113	Recent Progress in the Theoretical Investigation of Electrocatalytic Reduction of CO ₂ . <i>Advanced Theory and Simulations</i> , 2018 , 1, 1800004	3.5	37
112	Comprehensive Dissection of Metabolic Changes in Albino and Green Tea Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 2040-2048	5.7	28
111	Efficient Hydrogen Evolution Electrocatalysis at Alkaline pH by Interface Engineering of NiP-CeO. <i>Inorganic Chemistry</i> , 2018 , 57, 548-552	5.1	63
110	A Ni(OH) ₂ /BiO ₂ hybrid nanosheet array with ultralow Pt loading toward efficient and durable alkaline hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1967-1970	13	119
109	Si/Ag/C Nanohybrids with in Situ Incorporation of Super-Small Silver Nanoparticles: Tiny Amount, Huge Impact. <i>ACS Nano</i> , 2018 , 12, 861-875	16.7	49
108	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	13	151

107	Self-supported CoMoS ₄ nanosheet array as an efficient catalyst for hydrogen evolution reaction at neutral pH. <i>Nano Research</i> , 2018 , 11, 2024-2033	10	120
106	Transcriptome and metabolome analysis reveal candidate genes and biochemicals involved in tea geometrid defense in <i>Camellia sinensis</i> . <i>PLoS ONE</i> , 2018 , 13, e0201670	3.7	20
105	Phase-selective synthesis of self-supported RuP films for efficient hydrogen evolution electrocatalysis in alkaline media. <i>Nanoscale</i> , 2018 , 10, 13930-13935	7.7	47
104	High-Performance Electrohydrogenation of N ₂ to NH ₃ Catalyzed by Multishelled Hollow Cr ₂ O ₃ Microspheres under Ambient Conditions. <i>ACS Catalysis</i> , 2018 , 8, 8540-8544	13.1	218
103	Assembling Ultrasmall Copper-Doped Ruthenium Oxide Nanocrystals into Hollow Porous Polyhedra: Highly Robust Electrocatalysts for Oxygen Evolution in Acidic Media. <i>Advanced Materials</i> , 2018 , 30, e1801351	24	199
102	Generalized coefficient strengthening cuts for mixed integer programming. <i>Journal of Global Optimization</i> , 2018 , 70, 289-306	1.5	
101	The dose makes the poison. <i>Science of the Total Environment</i> , 2018 , 621, 649-653	10.2	29
100	Insights into High Conductivity of the Two-Dimensional Iodine-Oxidized sp-c-COF. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 43595-43602	9.5	17
99	Quantitative Trait Loci Mapping for Theobromine and Caffeine Contents in Tea Plant (<i>Camellia sinensis</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 13321-13327	5.7	12
98	Ultrathin-Nanosheets-Composed CoSP Nanobrushes as an All-pH Highly Efficient Catalyst toward Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15618-15623	8.3	11
97	Surface Modifications of Ti CO for Obtaining High Hydrogen Evolution Reaction Activity and Conductivity: A Computational Approach. <i>ChemPhysChem</i> , 2018 , 19, 3380-3387	3.2	13
96	Boosted Electrocatalytic N ₂ Reduction to NH ₃ by Defect-Rich MoS ₂ Nanoflower. <i>Advanced Energy Materials</i> , 2018 , 8, 1801357	21.8	371
95	Electrochemical Ammonia Synthesis via Nitrogen Reduction Reaction on a MoS Catalyst: Theoretical and Experimental Studies. <i>Advanced Materials</i> , 2018 , 30, e1800191	24	524
94	Microcystin-LR affects the hypothalamic-pituitary-inter-renal (HPI) axis in early life stages (embryos and larvae) of zebrafish. <i>Environmental Pollution</i> , 2018 , 241, 540-548	9.3	26
93	Recent progress in single-atom electrocatalysts: concept, synthesis, and applications in clean energy conversion. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14025-14042	13	160
92	Particle size studies to reveal crystallization mechanisms of the metal organic framework HKUST-1 during sonochemical synthesis. <i>Ultrasonics Sonochemistry</i> , 2017 , 34, 365-370	8.9	32
91	Topotactic Conversion of Fe ₃ O ₄ Nanowires into FeP as a Superior Fluorosensor for Nucleic Acid Detection: Insights from Experiment and Theory. <i>Analytical Chemistry</i> , 2017 , 89, 2191-2195	7.8	34
90	Al-Doped CoP nanoarray: a durable water-splitting electrocatalyst with superhigh activity. <i>Nanoscale</i> , 2017 , 9, 4793-4800	7.7	200

89	In situ formation of a 3D core/shell structured Ni ₃ N@NiBi 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	13	172
88	Large-Sized Few-Layer Graphene Enables an Ultrafast and Long-Life Aluminum-Ion Battery. <i>Advanced Energy Materials</i> , 2017 , 7, 1700034	21.8	160
87	Cobalt-Borate Nanoarray: An Efficient and Durable Electrocatalyst for Water Oxidation under Benign Conditions. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15383-15387	9.5	26
86	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	84
85	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	4.3	322
84	Enhanced Electrocatalysis for Energy-Efficient Hydrogen Production over CoP Catalyst with Nonelectroactive Zn as a Promoter. <i>Advanced Energy Materials</i> , 2017 , 7, 1700020	21.8	428
83	Functional natural allelic variants of flavonoid 3-O-glucosyltransferase gene governing catechin traits in tea plant and its relatives. <i>Planta</i> , 2017 , 245, 523-538	4.7	21
82	Metal-Organic Frameworks for Carbon Dioxide Capture and Methane Storage. <i>Advanced Energy Materials</i> , 2017 , 7, 1601296	21.8	260
81	Responses of the Proteome and Metabolome in Livers of Zebrafish Exposed Chronically to Environmentally Relevant Concentrations of Microcystin-LR. <i>Environmental Science & Technology</i> , 2017 , 51, 596-607	10.3	76
80	Co-based nanowire films as complementary hydrogen- and oxygen-evolving electrocatalysts in neutral electrolyte. <i>Catalysis Science and Technology</i> , 2017 , 7, 2689-2694	5.5	34
79	Three-Dimensional Nickel-Borate Nanosheets Array for Efficient Oxygen Evolution at Near-Neutral pH. <i>Chemistry - A European Journal</i> , 2017 , 23, 6959-6963	4.8	38
78	Promoting effects of Ce _{0.75} Zr _{0.25} O ₂ on the La _{0.7} Sr _{0.3} MnO ₃ electrocatalyst for the oxygen reduction reaction in metal-air batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 6411-6415	13	30
77	Benzoate Anion-Intercalated Layered Cobalt Hydroxide Nanoarray: An Efficient Electrocatalyst for the Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2017 , 10, 4004-4008	8.3	42
76	Two-dimensional semiconducting gold. <i>Physical Review B</i> , 2017 , 95,	3.3	10
75	Ion-selective copper hexacyanoferrate with an open-framework structure enables high-voltage aqueous mixed-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16740-16747	13	51
74	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	13	94
73	Quantitative Succinyl-Proteome Profiling of <i>Camellia sinensis</i> cv. Anji Baicha During Periodic Albinism. <i>Scientific Reports</i> , 2017 , 7, 1873	4.9	25
72	Self-Templating Construction of Hollow Amorphous CoMoS Nanotube Array towards Efficient Hydrogen Evolution Electrocatalysis at Neutral pH. <i>Chemistry - A European Journal</i> , 2017 , 23, 12718-12723	4.8	40

71	Metal-Organic Frameworks-Derived Porous In ₂ O ₃ Hollow Nanorod for High-Performance Ethanol Gas Sensor. <i>ChemistrySelect</i> , 2017 , 2, 10918-10925	1.8	33
70	Nanoscale MOF/organosilica membranes on tubular ceramic substrates for highly selective gas separation. <i>Energy and Environmental Science</i> , 2017 , 10, 1812-1819	35.4	73
69	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	13.1	362
68	Proteome and Acetyl-Proteome Profiling of cv. Qanjin Baicha During Periodic Albinism Reveals Alterations in Photosynthetic and Secondary Metabolite Biosynthetic Pathways. <i>Frontiers in Plant Science</i> , 2017 , 8, 2104	6.2	23
67	A review of reproductive toxicity of microcystins. <i>Journal of Hazardous Materials</i> , 2016 , 301, 381-99	12.8	200
66	Differential Permeability of Proton Isotopes through Graphene and Graphene Analogue Monolayer. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3395-400	6.4	30
65	Collection of charge in NMOS from single event effect. <i>IEICE Electronics Express</i> , 2016 , 13, 20160014-20160014	6.0	140
64	Water-mediated cation intercalation of open-framework indium hexacyanoferrate with high voltage and fast kinetics. <i>Nature Communications</i> , 2016 , 7, 11982	17.4	73
63	Natural allelic variations of TCS1 play a crucial role in caffeine biosynthesis of tea plant and its related species. <i>Plant Physiology and Biochemistry</i> , 2016 , 100, 18-26	5.4	27
62	Facile synthesis of Fe-MOF/RGO and its application as a high performance anode in lithium-ion batteries. <i>RSC Advances</i> , 2016 , 6, 30763-30768	3.7	78
61	Amine-functionalized metal-organic frameworks: structure, synthesis and applications. <i>RSC Advances</i> , 2016 , 6, 32598-32614	3.7	117
60	Porous titania/carbon hybrid microspheres templated by in situ formed polystyrene colloids. <i>Journal of Colloid and Interface Science</i> , 2016 , 469, 242-256	9.3	4
59	Identification and expression profiling of the auxin response factors (ARFs) in the tea plant (<i>Camellia sinensis</i> (L.) O. Kuntze) under various abiotic stresses. <i>Plant Physiology and Biochemistry</i> , 2016 , 98, 46-56	5.4	28
58	The role of GSH in microcystin-induced apoptosis in rat liver: Involvement of oxidative stress and NF- κ B. <i>Environmental Toxicology</i> , 2016 , 31, 552-60	4.2	29
57	Transcriptomic Analysis of Tea Plant Responding to Drought Stress and Recovery. <i>PLoS ONE</i> , 2016 , 11, e0147306	3.7	46
56	Mechanisms of Microcystin-induced Cytotoxicity and Apoptosis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 1018-31	3.2	53
55	Small RNA and degradome profiling reveals important roles for microRNAs and their targets in tea plant response to drought stress. <i>Physiologia Plantarum</i> , 2016 , 158, 435-451	4.6	32
54	Tunable electronic and magnetic properties of Cr ₂ M ₂ C ₂ T ₂ (M = Ti or V; T = O, OH or F). <i>Applied Physics Letters</i> , 2016 , 109, 203109	3.4	55

53	Sex-dependent effects of microcystin-LR on hypothalamic-pituitary-gonad axis and gametogenesis of adult zebrafish. <i>Scientific Reports</i> , 2016 , 6, 22819	4.9	26
52	Transition Metal Nanostructures: Formation and Stability of Low-Dimensional Structures for Group VIII B and IB Transition Metals: The Role of sd4 Hybridization (Adv. Sci. 4/2016). <i>Advanced Science</i> , 2016 , 3,	13.6	1
51	Association mapping of caffeine content with TCS1 in tea plant and its related species. <i>Plant Physiology and Biochemistry</i> , 2016 , 105, 251-259	5.4	14
50	Ternary FeCoP 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	11.5	531
49	Biochemical and transcriptomic analyses reveal different metabolite biosynthesis profiles among three color and developmental stages in Anji Baicha (Camellia sinensis). <i>BMC Plant Biology</i> , 2016 , 16, 195	5.3	57
48	Kinetically Stabilized Pd@Pt Core/Shell Octahedral Nanoparticles with Thin Pt Layers for Enhanced Catalytic Hydrogenation Performance. <i>ACS Catalysis</i> , 2015 , 5, 1335-1343	13.1	62
47	MicroRNA167-Directed Regulation of the Auxin Response Factors GmARF8a and GmARF8b Is Required for Soybean Nodulation and Lateral Root Development. <i>Plant Physiology</i> , 2015 , 168, 984-99	6.6	124
46	Solvothermal synthesis of hierarchical Eu2O3 nanostructures templated by PS-b-PMAA: morphology control via simple variation of water contents. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5789-5793	13	6
45	Global transcriptome and gene regulation network for secondary metabolite biosynthesis of tea plant (Camellia sinensis). <i>BMC Genomics</i> , 2015 , 16, 560	4.5	115
44	Quantitatively evaluating detoxification of the hepatotoxic microcystin-LR through the glutathione (GSH) pathway in SD rats. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 19273-84	5.1	23
43	Towards High-Voltage Aqueous Metal-Ion Batteries Beyond 1.5 V: The Zinc/Zinc Hexacyanoferrate System. <i>Advanced Energy Materials</i> , 2015 , 5, 1400930	21.8	680
42	The role of glutathione detoxification pathway in MCLR-induced hepatotoxicity in SD rats. <i>Environmental Toxicology</i> , 2015 , 30, 1470-80	4.2	23
41	Morphology-Dependent Electrochemical Performance of Zinc Hexacyanoferrate Cathode for Zinc-Ion Battery. <i>Scientific Reports</i> , 2015 , 5, 18263	4.9	156
40	Differential Metabolic Profiles during the Albescence Stages of Anji Baicha (Camellia sinensis). <i>PLoS ONE</i> , 2015 , 10, e0139996	3.7	20
39	Large-Scale SNP Discovery and Genotyping for Constructing a High-Density Genetic Map of Tea Plant Using Specific-Locus Amplified Fragment Sequencing (SLAF-seq). <i>PLoS ONE</i> , 2015 , 10, e0128798	3.7	54
38	Involvement of oxidative stress and cytoskeletal disruption in microcystin-induced apoptosis in CIK cells. <i>Aquatic Toxicology</i> , 2015 , 165, 41-50	5.1	56
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