

Lirong Zheng

List of Publications by Year in descending order

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1,238
papers

68,367
citations

587

124
h-index

1375

222
g-index

1298
all docs

1298
docs citations

1298
times ranked

75107
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Cycle-to-Cycle Variation in Memristors for In-Situ Unsupervised Trace-STDP Learning. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, 71, 627-631.	3.2	0
2	MCU-Enabled Epileptic Seizure Detection System With Compressed Learning. IEEE Internet of Things Journal, 2024, 11, 8771-8782.	9.3	0
3	A Reconfigurable Near-Sensor Processor for Anomaly Detection in Limb Prostheses. IEEE Transactions on Biomedical Circuits and Systems, 2024, , 1-14.	4.5	0
4	290 Brepocitinib improves cicatricial alopecia and downregulates key T-helper biomarkers. Journal of Investigative Dermatology, 2024, 144, S50.	0.7	0
5	CorTile: A Scalable Neuromorphic Processing Core for Cortical Simulation With Hybrid-Mode Router and TCAM. IEEE Transactions on Circuits and Systems I: Regular Papers, 2024, , 1-13.	5.8	0
6	A Communication-Aware and Resource-Efficient NoC-based Architecture for CNN Acceleration. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2024, , 1-1.	4.2	0
7	Application of imaging technology for the diagnosis of malignancy in the pancreaticobiliary duodenal junction (Review). Oncology Letters, 2024, 28, .	1.8	0
8	Diffusionless ϵ -Like Transformation Unlocks Pseudocapacitance with Bulk Utilization: Reinventing Fe ₂ O ₃ in Alkaline Electrolyte. Energy and Environmental Materials, 2023, 6, .	13.2	27
9	What influences people to click ϵ -like TM on posts of branded content?. Journal of Strategic Marketing, 2023, 31, 1155-1177.	5.1	2
10	Switching Optimally Balanced Fe ^N Interaction Enables Extremely Stable Energy Storage. Energy and Environmental Materials, 2023, 6, .	13.2	29
11	A Domain-Specific Accelerator for Ultralow Latency Market Data Distribution System. IEEE Transactions on Industrial Informatics, 2023, 19, 5465-5475.	12.1	1
12	Assessing the Effects of Landmarks and Routes on Neuro-Cognitive Load Using Virtual Environment. Lecture Notes in Networks and Systems, 2023, , 645-656.	0.0	1
13	Highly efficient acoustic absorber designed by backing cavity-like and filled-microperforated plate-like structure. Materials and Design, 2023, 225, 111484.	7.2	19
14	An IoT-Based Wearable Labor Progress Monitoring System for Remote Evaluation of Admission Time to Hospital. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 3037-3048.	6.9	3
15	A Memristor-Based Learning Engine for Synaptic Trace-Based Online Learning. IEEE Transactions on Biomedical Circuits and Systems, 2023, 17, 1153-1165.	4.5	4
16	LSO-036 ϵ ...Cluster analysis and subphenotype stratification in lupus erythematosus based on data from the Asia Pacific lupus collaboration cohort (APLC-CASTLE). Lupus Science and Medicine, 2023, , .	2.9	0
17	Responses to Airborne Ozone and Soilborne Metal Pollution in Afforestation Plants with Different Life Forms. Plants, 2023, 12, 3011.	3.6	1
18	Higher incidence of hematuria was observed in female children with microtia. Scientific Reports, 2023, 13, .	3.4	0

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19	Effects of salt stress on soil enzyme activities and rhizosphere microbial structure in salt-tolerant and -sensitive soybean. <i>Scientific Reports</i> , 2023, 13, .	3.4	4
20	A Low-Power Hybrid-Precision Neuromorphic Processor With INT8 Inference and INT16 Online Learning in 40-nm CMOS. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2023, 70, 4028-4039.	5.8	0
21	ASLog: An Area-Efficient CNN Accelerator for Per-Channel Logarithmic Post-Training Quantization. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2023, 70, 5380-5393.	5.8	0
22	Implementation of LMS Algorithm Based Adaptive Filter Using Verilog HDL. , 2023, , .		0
23	ADHA, an Agile Platform Enhancing New Satellite On-Board Data Processing Systems. , 2023, , .		4
24	Whose Attitudes Toward Transit Are Most Affected by Rising Subway Crimes in New York City?. , 2023, , .		0
25	An Exploration of Lead-Free Sb ₂ Se ₃ Thin Film Solar Cell with Graphene as Hole Transport Layer Using SCAPS-1D. , 2023, , .		0
26	Different mechanisms of improving CH ₃ NH ₃ PbI ₃ perovskite solar cells brought by fluorinated or nitrogen doped graphdiyne. <i>Nano Research</i> , 2022, 15, 573-580.	10.6	17
27	Temperature-dependent deformation in silver-particle-covered copper nanowires by molecular dynamics simulation. <i>Journal of Materiomics</i> , 2022, 8, 68-78.	5.7	2
28	Boosting Efficient Ammonia Synthesis over Atomically Dispersed Co-Based Catalyst via the Modulation of Geometric and Electronic Structures. <i>CCS Chemistry</i> , 2022, 4, 1758-1769.	8.6	9
29	Ionic-liquid-assisted synthesis of metal single-atom catalysts for benzene oxidation to phenol. <i>Science China Materials</i> , 2022, 65, 163-169.	6.5	18
30	Thrombotic thrombocytopenic purpura temporally associated with BNT162b2 vaccination in an adolescent successfully treated with caplacizumab. <i>British Journal of Haematology</i> , 2022, 196, .	2.7	25
31	Effects of PNPLA3 I148M on hepatic lipid and very-low-density lipoprotein metabolism in humans. <i>Journal of Internal Medicine</i> , 2022, 291, 218-223.	6.2	8
32	A Design of Smart Unmanned Vending Machine for New Retail Based on Binocular Camera and Machine Vision. <i>IEEE Consumer Electronics Magazine</i> , 2022, 11, 21-31.	2.6	11
33	Bioavailability and methylation of bulk mercury sulfide in paddy soils: New insights into mercury risks in rice paddies. <i>Journal of Hazardous Materials</i> , 2022, 424, 127394.	12.6	9
34	Nature Inspired MXene-Decorated 3D Honeycomb-Fabric Architectures Toward Efficient Water Desalination and Salt Harvesting. <i>Nano-Micro Letters</i> , 2022, 14, 10.	27.9	136
35	Optimization of the Coupling Coefficient of the Inductive Link for Wireless Power Transfer to Biomedical Implants. <i>International Journal of Antennas and Propagation</i> , 2022, 2022, 1-12.	1.3	9
36	Alcohols electrooxidation coupled with H ₂ production at high current densities promoted by a cooperative catalyst. <i>Nature Communications</i> , 2022, 13, 147.	13.2	184

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37	Ultra-small Ru nanoparticles embedded on Fe ²⁺ Ni(OH) ₂ nanosheets for efficient water splitting at a large current density with long-term stability of 680 hours. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4817-4824.	10.5	53
38	A Bioinspired Five-Coordinate Single-Atom Iron Nanozyme for Tumor Catalytic Therapy. <i>Advanced Materials</i> , 2022, 34, e2107088.	24.3	175
39	Structural, optical and electrical properties of undoped and doped (Al, Al ⁺ Mn) ZnO nanoparticles synthesised by green combustion method using terminalia catappa seed extract. <i>Materials Today: Proceedings</i> , 2022, 60, 988-997.	1.9	6
40	Anchoring Ionic Liquid in Copper Electrocatalyst for Improving CO ₂ Conversion to Ethylene. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	58
41	Efficient Role of Nanosheet-Like Pr ₂ O ₃ Induced Surface-Interface Synergistic Structures over Cu-Based Catalysts for Enhanced Methanol Production from CO ₂ Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2768-2781.	8.3	15
42	Edge-Based Collaborative Training System for Artificial Intelligence-of-Things. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 7162-7173.	12.1	10
43	Self-Adaptive Single-Atom Catalyst Boosting Selective Ferroptosis in Tumor Cells. <i>ACS Nano</i> , 2022, 16, 855-868.	15.3	97
44	Anchoring Ionic Liquid in Copper Electrocatalyst for Improving CO ₂ Conversion to Ethylene. <i>Angewandte Chemie</i> , 2022, 134, .	2.1	7
45	Electrochemical Strategy for the Simultaneous Production of Cyclohexanone and Benzoquinone by the Reaction of Phenol and Water. <i>Journal of the American Chemical Society</i> , 2022, 144, 1556-1571.	14.6	48
46	Studies of a Highly Active Cobalt Atomic Cluster Catalyst for Ammonia Synthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1951-1960.	6.9	16
47	Site-Specific Axial Oxygen Coordinated FeN ₄ Active Sites for Highly Selective Electroreduction of Carbon Dioxide. <i>Advanced Functional Materials</i> , 2022, 32, .	16.5	48
48	Single Co Sites in Ordered SiO ₂ Channels for Boosting Nonoxidative Propane Dehydrogenation. <i>ACS Catalysis</i> , 2022, 12, 2632-2638.	11.7	64
49	Integrating Dissociative and Associative Routes for Efficient Ammonia Synthesis over a TiCN-Promoted Ru-Based Catalyst. <i>ACS Catalysis</i> , 2022, 12, 2651-2660.	11.7	22
50	Selective catalytic oxidation of ammonia to nitric oxide via chemical looping. <i>Nature Communications</i> , 2022, 13, 718.	13.2	24
51	Uniform single atomic Cu ₁ -C ₄ sites anchored in graphdiyne for hydroxylation of benzene to phenol. <i>National Science Review</i> , 2022, 9, .	9.5	31
52	Iron Single-Atom Catalysts Boost Photoelectrochemical Detection by Integrating Interfacial Oxygen Reduction and Enzyme-Mimicking Activity. <i>ACS Nano</i> , 2022, 16, 2997-3007.	15.3	90
53	Interfacial Fe ⁺ O ⁺ Ni ⁺ O ⁺ Fe Bonding Regulates the Active Ni Sites of Ni-MOFs via Iron Doping and Decorating with FeOOH for Super-Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	191
54	3.4% Solar-to-Ammonia Efficiency from Nitrate Using Fe Single Atomic Catalyst Supported on MoS ₂ Nanosheets. <i>Advanced Functional Materials</i> , 2022, 32, .	16.5	89

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55	A Hybrid-Mode On-Chip Router for the Large-Scale FPGA-Based Neuromorphic Platform. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1990-2001.	5.8	6
56	Spatial porosity design of Fe-N-C catalysts for high power density PEM fuel cells and detection of water saturation of the catalyst layer by a microwave method. Journal of Materials Chemistry A, 2022, 10, 7764-7772.	10.5	16
57	Construction of highly durable electrocatalysts by pore confinement and anchoring effect for the oxygen reduction reaction. New Journal of Chemistry, 2022, 46, 7253-7262.	2.7	3
58	Loss Parameter Identification After Cutting for Different Non-Oriented Electrical Steel Grades. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.2	6
59	Efficient ambient ammonia synthesis by Lewis acid pair over cobalt single atom catalyst with suppressed proton reduction. Journal of Materials Chemistry A, 2022, 10, 8432-8439.	10.5	13
60	Oxygen vacancy content drives self-reduction and anti-thermal quenching. Journal of Materials Chemistry C, 2022, 10, 4317-4326.	5.6	21
61	Few-Shot Network Intrusion Detection Using Discriminative Representation Learning with Supervised Autoencoder. Applied Sciences (Switzerland), 2022, 12, 2351.	2.6	14
62	Hierarchical Architecture of Well-Aligned Nanotubes Supported Bimetallic Catalysis for Efficient Oxygen Redox. Advanced Functional Materials, 2022, 32, .	16.5	25
63	Al ³⁺ Dopants Induced Mg ²⁺ Vacancies Stabilizing Single-Atom Cu Catalyst for Efficient Free-Radical Hydrophosphinylation of Alkenes. Journal of the American Chemical Society, 2022, 144, 4321-4326.	14.6	46
64	Single-Atom Fe Catalysts for Fenton-Like Reactions: Roles of Different N Species. Advanced Materials, 2022, 34, e2110653.	24.3	195
65	Modulating the Electronic Metal-Support Interactions in Single-Atom Pt ₁ ~CuO Catalyst for Boosting Acetone Oxidation. Angewandte Chemie, 2022, 134, .	2.1	5
66	Intense Luminescence and Good Thermal Stability in a Mn ²⁺ -Activated Mg-Based Phosphor with Self-Reduction. Inorganic Chemistry, 2022, 61, 5495-5501.	4.2	15
67	Bathocuproine interfacial layer leads to solid improvement of reproducibility and stability of Pb-free CsBi3I10 based perovskite solar cells. Journal of Materials Science: Materials in Electronics, 2022, 33, 8114-8126.	2.2	6
68	Breaking the activity limitation of iridium single-atom catalyst in hydrogenation of quinoline with synergistic nanoparticles catalysis. Nano Research, 2022, 15, 5024-5031.	10.6	54
69	Facilitating Reversible Cation Migration and Suppressing O ₂ Escape for High Performance Li-Rich Oxide Cathodes. Small, 2022, 18, e2201014.	11.2	34
70	Characterizing postural sway signals by the analysis of zero-crossing patterns. Physica A: Statistical Mechanics and Its Applications, 2022, 596, 127160.	2.6	2
71	Encapsulating atomic molybdenum into hierarchical nitrogen-doped carbon nanoboxes for efficient oxygen reduction. Journal of Colloid and Interface Science, 2022, 620, 67-76.	9.6	10
72	AIOC: An All-In-One-Card Hardware Design for Financial Market Trading System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, , 1-1.	3.2	0

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73	Spectroscopic investigations and density functional theory calculations reveal differences in retention mechanisms of lead and copper on chemically-modified phytolith-rich biochars. <i>Chemosphere</i> , 2022, 301, 134590.	8.4	6
74	Promoted Electron Transfer and Surface Absorption by Single Nickel Atoms for Photocatalytic Cross-Coupling of Aromatic Alcohols and Aliphatic Amines under Visible Light. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18383-18392.	8.3	23
75	Heparanase Blockade as a Novel Dual-Targeting Therapy for COVID-19. <i>Journal of Virology</i> , 2022, 96, e0005722.	3.5	16
76	Surface Ligand Tuning of Coordination Geometry and Pb 6s ² Electronic Pair Stereochemical Activity in MAPbBr ₃ Perovskite Nanoparticles: A Joint Experimental and Theoretical Insight. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7500-7509.	3.3	5
77	Backpropagation With Sparsity Regularization for Spiking Neural Network Learning. <i>Frontiers in Neuroscience</i> , 2022, 16, 760298.	2.9	11
78	Pan-cancer analysis of microRNA expression profiles highlights microRNAs enriched in normal body cells as effective suppressors of multiple tumor types: A study based on TCGA database. <i>PLoS ONE</i> , 2022, 17, e0267291.	2.5	9
79	Impact of Childhood Onset Psoriasis on Addictive Behaviours, Socioeconomic and Educational Data in Adulthood. <i>Acta Dermato-Venereologica</i> , 2022, 102, adv00733.	1.4	2
80	Construction of Porphyrin Porous Organic Cage as a Support for Single Cobalt Atoms for Photocatalytic Oxidation in Visible Light. <i>ACS Catalysis</i> , 2022, 12, 5827-5833.	11.7	30
81	Efficacy and safety of hyaluronic acid filler injection as compared to poly lactic acid filler for temporary penile augmentation: A multi-center, patient/evaluator-blinded, randomized control trial with a safety extension. <i>Journal of Sexual Medicine</i> , 2022, 19, S156.	0.7	0
82	Cognitive workload evaluation of landmarks and routes using virtual reality. <i>PLoS ONE</i> , 2022, 17, e0268399.	2.5	0
83	Iron atom ²⁺ cluster interactions increase activity and improve durability in Fe ²⁺ /C fuel cells. <i>Nature Communications</i> , 2022, 13, .	13.2	218
84	Soil Nutrient Balance and Soil Fertility Status under the Influence of Fertilization in Maize-Wheat Cropping System in Nepal. <i>Applied and Environmental Soil Science</i> , 2022, 2022, 1-11.	1.8	5
85	Acidizing corrosion inhibitors. , 2022, , 45-54.		0
86	High-content atomically distributed W(^v , ^{vi}) on FeCo layered double hydroxide with high oxygen evolution reaction activity. <i>Chemical Communications</i> , 2022, 58, 7678-7681.	4.2	5
87	Integrating single Co sites into crystalline covalent triazine frameworks for photoreduction of CO ₂ . <i>Chemical Communications</i> , 2022, 58, 8121-8124.	4.2	16
88	Plasmon-Boosted Fe, Co Dual Single-Atom Catalysts for Ultrasensitive Luminol-Dissolved O ₂ Electrochemiluminescence Detection of Prostate-Specific Antigen. <i>Analytical Chemistry</i> , 2022, 94, 9758-9765.	6.8	46
89	An IoT-based intelligent irrigation system with data fusion and a self-powered wide-area network. <i>Journal of Industrial Information Integration</i> , 2022, 29, 100367.	6.9	8
90	Adaptive finite-time event-triggered command filtered control for nonlinear systems with unknown control directions. <i>Nonlinear Dynamics</i> , 2022, 109, 2705-2722.	5.3	4

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91	Light-Induced Structural Dynamic Evolution of Pt Single Atoms for Highly Efficient Photocatalytic CO ₂ Reduction. ACS Applied Materials & Interfaces, 2022, 14, 26752-26765.	8.3	13
92	Single-Atom Iron Enables Strong Low-Triggerring-Potential Luminol Cathodic Electrochemiluminescence. Analytical Chemistry, 2022, 94, 9459-9465.	6.8	50
93	Essential Role of Ru ^{II} -Anion Interaction in Ru-Based Ammonia Synthesis Catalysts. ACS Catalysis, 2022, 12, 7633-7642.	11.7	18
94	A Neuromorphic Processing System With Spike-Driven SNN Processor for Wearable ECG Classification. IEEE Transactions on Biomedical Circuits and Systems, 2022, 16, 511-523.	4.5	32
95	Propagation of Pacemaker Activity and Peristaltic Contractions in the Mouse Renal Pelvis Rely on Ca ²⁺ -activated Cl ⁻ Channels and T-Type Ca ²⁺ Channels. Function, 2022, 3, .	2.1	2
96	Experimental Study of the Shear Behavior and Shear Strength of Hybrid Fiber-Reinforced SCC Rectangular Beams. Advances in Civil Engineering, 2022, 2022, 1-14.	0.7	1
97	Measurement of the polarisation of single top quarks and antiquarks produced in the t-channel at $\sqrt{s} = 13$ TeV and bounds on the tWb dipole operator from the ATLAS experiment. Journal of High Energy Physics, 2022, 2022, .	4.8	5
98	Strain-rate-dependent model for elastoplastic normal repeated impacts of a sphere on a beam. , 2022, , .		0
99	Development and efficacy of an online wheelchair maintenance training program for wheelchair personnel. Assistive Technology, 2021, 33, 49-55.	2.2	8
100	The kidney, COVID-19, and the chemokine network: an intriguing trio. International Urology and Nephrology, 2021, 53, 97-104.	1.4	10
101	A Wearable Hand Rehabilitation System With Soft Gloves. IEEE Transactions on Industrial Informatics, 2021, 17, 943-952.	12.1	112
102	Molecular cloning and characterisation of chicken IL-18 binding protein. Developmental and Comparative Immunology, 2021, 114, 103850.	2.3	4
103	<i>Operando</i> X-ray spectroscopy visualizing the chameleon-like structural reconstruction on an oxygen evolution electrocatalyst. Energy and Environmental Science, 2021, 14, 906-915.	32.2	108
104	Enhancing CO ₂ Electrocatalysis on 2D Porphyrin-Based Metal-Organic Framework Nanosheets Coupled with Visible Light. Small Methods, 2021, 5, e2000991.	9.6	59
105	Unraveling the real active sites of an amorphous silica-alumina-supported nickel catalyst for highly efficient ethylene oligomerization. Catalysis Science and Technology, 2021, 11, 1510-1518.	4.2	17
106	Porous β -Fe ₂ O ₃ nanoparticle decorated with atomically dispersed platinum: Study on atomic site structural change and gas sensor activity evolution. Nano Research, 2021, 14, 1435-1442.	10.6	60
107	A blockchain-based architecture for secure and trustworthy operations in the industrial Internet of Things. Journal of Industrial Information Integration, 2021, 21, 100190.	6.9	74
108	Electric Field and Transmitting Power Analysis of Segmented and Unsegmented Loop Antennas for Transcutaneous Power Transfer. IEEE Transactions on Antennas and Propagation, 2021, 69, 3485-3492.	5.3	2

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109	Nitrogen ¹ Mitigates Ischemia and Promotes Tissue Survival and Regeneration. <i>Advanced Science</i> , 2021, 8, 2002500.	12.4	20
110	A Nonoxide Catalyst System Study: Alkali Metal-Promoted Pt/AC Catalyst for Formaldehyde Oxidation at Ambient Temperature. <i>ACS Catalysis</i> , 2021, 11, 456-465.	11.7	75
111	An End to End Recognition for License Plates Using Convolutional Neural Networks. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2021, 13, 177-188.	3.9	13
112	Highly efficient ammonia synthesis at low temperature over a Ru ¹ Co catalyst with dual atomically dispersed active centers. <i>Chemical Science</i> , 2021, 12, 7125-7137.	7.8	39
113	N coupling with S-coordinated Ru nanoclusters for highly efficient hydrogen evolution in alkaline media. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12659-12669.	10.5	29
114	Biomimetic caged platinum catalyst for hydrosilylation reaction with high site selectivity. <i>Nature Communications</i> , 2021, 12, 64.	13.2	19
115	Direct synthesis of 1T-phase MoS ₂ nanosheets with abundant sulfur-vacancies through (CH ₃) ₄ N ⁺ cation-intercalation for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13996-14003.	10.5	23
116	A rational design of an efficient counter electrode with the Co/Co ₁ P ₁ N ₃ atomic interface for promoting catalytic performance. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3085-3092.	5.9	9
117	Quasi-double-star nickel and iron active sites for high-efficiency carbon dioxide electroreduction. <i>Energy and Environmental Science</i> , 2021, 14, 4847-4857.	32.2	51
118	Long noncoding RNA UCA1 regulates HCV replication and antiviral response via miR-145-5p/SOCS7/IFN pathway. <i>International Journal of Biological Sciences</i> , 2021, 17, 2826-2840.	6.3	6
119	Probiotics from fermented olives. , 2021, , 215-229.		3
120	Coordinately unsaturated O _{2c} –Ti _{5c} –O _{2c} sites promote the reactivity of Pt/TiO ₂ catalysts in the solvent-free oxidation of <i>n</i> -octanol. <i>Catalysis Science and Technology</i> , 2021, 11, 4898-4910.	4.2	7
121	Air atmospheric photocatalytic oxidation by ultrathin C,N-TiO ₂ nanosheets. <i>Green Chemistry</i> , 2021, 23, 1165-1170.	9.4	15
122	Strain Engineering of a MXene/CNT Hierarchical Porous Hollow Microsphere Electrocatalyst for a High-Efficiency Lithium Polysulfide Conversion Process. <i>Angewandte Chemie</i> , 2021, 133, 2401-2408.	2.1	15
123	The <i>in situ</i> study of surface species and structures of oxide-derived copper catalysts for electrochemical CO ₂ reduction. <i>Chemical Science</i> , 2021, 12, 5938-5943.	7.8	48
124	An Evidence-Based Intelligent Method for Upper-Limb Motor Assessment via a VR Training System on Stroke Rehabilitation. <i>IEEE Access</i> , 2021, 9, 65871-65881.	4.4	19
125	Innentitelbild: Strain Engineering of a MXene/CNT Hierarchical Porous Hollow Microsphere Electrocatalyst for a High-Efficiency Lithium Polysulfide Conversion Process (<i>Angew. Chem.</i> 5/2021). <i>Angewandte Chemie</i> , 2021, 133, 2198-2198.	2.1	0
126	Monomeric vanadium oxide: a very efficient species for promoting aerobic oxidative dehydrogenation of N-heterocycles. <i>New Journal of Chemistry</i> , 2021, 45, 431-437.	2.7	1

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127	Atomically Dispersed Fe ^{II} Heteroatom (N, S) Bridge Sites Anchored on Carbon Nanosheets for Promoting Oxygen Reduction Reaction. <i>ACS Energy Letters</i> , 2021, 6, 379-386.	18.4	191
128	Mitigating the P ₂ O ₅ transition and Na ⁺ /vacancy ordering in Na _{2/3} Ni _{1/3} Mn _{2/3} O ₂ by anion/cation dual-doping for fast and stable Na ⁺ insertion/extraction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10803-10811.	10.5	31
129	A novel Fe/N/C electrocatalyst prepared from a carbon-supported iron(II) complex of macrocyclic ligands for oxygen reduction reaction. <i>RSC Advances</i> , 2021, 11, 8437-8443.	3.7	5
130	Identifying the Activity Origin of a Cobalt Single-Atom Catalyst for Hydrogen Evolution Using Supervised Learning. <i>Advanced Functional Materials</i> , 2021, 31, 2100547.	16.5	106
131	Notched-Polyoxometalate Strategy to Fabricate Atomically Dispersed Ru Catalysts for Biomass Conversion. <i>ACS Catalysis</i> , 2021, 11, 2669-2675.	11.7	38
132	Estudiantes de III año presentan estrategias de enseñanza aprendizaje en feria científica estudiantil. <i>Revista Lengua Y Literatura</i> , 2021, 7, 53-54.	0.1	0
133	Cascade superfluorescence in Er:YLF. <i>Physical Review Research</i> , 2021, 3, .	3.6	9
134	A Phosphatase-Mimetic Nano-Stabilizer of Mast Cells for Long-Term Prevention of Allergic Disease. <i>Advanced Science</i> , 2021, 8, 2004115.	12.4	29
135	Single-Atom-Based Heterojunction Coupling with Ion-Exchange Reaction for Sensitive Photoelectrochemical Immunoassay. <i>Nano Letters</i> , 2021, 21, 1879-1887.	9.5	95
136	An IoT-Based Life Cycle Assessment Platform of Wind Turbines. <i>Sensors</i> , 2021, 21, 1233.	4.0	21
137	Construction of Dual-Active Site Copper Catalyst Containing both Cu ₂ N ₃ and Cu ₂ N ₄ Sites. <i>Small</i> , 2021, 17, e2006834.	11.2	55
138	Ultrastable FeCo Bifunctional Electrocatalyst on Se-Doped CNTs for Liquid and Flexible All-Solid-State Rechargeable Zn-Air Batteries. <i>Nano Letters</i> , 2021, 21, 2255-2264.	9.5	142
139	On the validity of the estimates of the VSL from contingent valuation: Evidence from the Czech Republic. <i>Journal of Risk and Uncertainty</i> , 2021, 62, 55-87.	1.5	6
140	A prospective phase II randomized trial of proton radiotherapy vs intensity-modulated radiotherapy for patients with newly diagnosed glioblastoma. <i>Neuro-Oncology</i> , 2021, 23, 1337-1347.	1.2	63
141	Pattern discovery and disentanglement on relational datasets. <i>Scientific Reports</i> , 2021, 11, 5688.	3.4	4
142	Adverse Outcomes Associated With Higher Mean Blood Pressure and Greater Blood Pressure Variability Immediately After Successful Embolectomy in Those With Acute Ischemic Stroke, and the Influence of Pretreatment Collateral Circulation Status. <i>Journal of the American Heart Association</i> , 2021, 10, e019350.	3.9	23
143	Highly Efficient NO Abatement over Cu-ZSM-5 with Special Nanosheet Features. <i>Environmental Science & Technology</i> , 2021, 55, 5422-5434.	10.5	52
144	Peroxo Species Formed in the Bulk of Silicate Cathodes. <i>Angewandte Chemie</i> , 2021, 133, 10144-10151.	2.1	2

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145	Peroxo Species Formed in the Bulk of Silicate Cathodes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10056-10063.	14.8	5
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