

Feng Yan

List of Publications by Year in descending order

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725
papers

45,436
citations

1371

108
h-index

4228

174
g-index

738
all docs

738
docs citations

738
times ranked

46495
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil Extracellular Traps may be a Potential Target for Treating Early Brain Injury in Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2022, 13, 112-131.	4.2	49
2	High-performance Tin-lead Mixed Perovskite Solar Cells with Vertical Compositional Gradient. <i>Advanced Materials</i> , 2022, 34, e2107729.	21.0	88
3	Strategies for Large-scale Fabrication of Perovskite Films for Solar Cells. <i>Solar Rrl</i> , 2022, 6, 2100683.	5.8	10
4	Ionization potential-based design of deep eutectic solvent for recycling of spent lithium ion batteries. <i>Chemical Engineering Journal</i> , 2022, 436, 133200.	12.7	38
5	A DNA-functionalized graphene field-effect transistor for quantitation of vascular endothelial growth factor. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130964.	7.8	19
6	Moisture-wicking, Breathable, and Intrinsically Antibacterial Electronic Skin Based on Dual-gradient Poly(ionic liquid) Nanofiber Membranes. <i>Advanced Materials</i> , 2022, 34, e2106570.	21.0	110
7	The effect of soil amendment derived from P-enhanced sludge pyrochar on ryegrass growth and soil microbial diversity. <i>Science of the Total Environment</i> , 2022, 813, 152526.	8.0	9
8	Amine-functionalized nano-Al ₂ O ₃ adsorbent for CO ₂ separation from biogas: Efficient CO ₂ uptake and high anti-urea stability. <i>Journal of Cleaner Production</i> , 2022, 332, 130078.	9.3	18
9	Emission levels and phase distributions of PCDD/Fs in a full-scale municipal solid waste incinerator: The impact of wet scrubber system. <i>Journal of Cleaner Production</i> , 2022, 337, 130468.	9.3	14
10	Poly(ionic liquid)-Based Energy and Electronic Devices. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1099-1108.	4.9	15
11	A Gesture Recognition Method with a Charge Induction Array of Nine Electrodes. <i>Sensors</i> , 2022, 22, 1158.	3.8	0
12	High-density sulfonic acid-grafted covalent organic frameworks with efficient anhydrous proton conduction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6499-6507.	10.3	27
13	Solution processed low power organic field-effect transistor bio-chemical sensor of high transconductance efficiency. <i>Npj Flexible Electronics</i> , 2022, 6, .	10.7	18
14	Switchable Adhesion: On-demand Bonding and Debonding. <i>Advanced Science</i> , 2022, 9, e2200264.	11.2	43
15	Ultra-broadband, fast, and polarization-sensitive photoresponse of low-symmetry 2D NdSb ₂ . <i>Nano Research</i> , 2022, 15, 5469-5475.	10.4	15
16	Ti ₃ C ₂ T _x MXene/Ge 2D/3D van der Waals heterostructures as highly efficient and fast response near-infrared photodetectors. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	11
17	ATP6AP2 knockdown in cardiomyocyte deteriorates heart function via compromising autophagic flux and NLRP3 inflammasome activation. <i>Cell Death Discovery</i> , 2022, 8, 161.	4.7	10
18	Metal-organic framework interface engineering for highly efficient oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 619, 148-157.	9.4	16

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19	Highly Semitransparent Indoor Nonfullerene Organic Solar Cells Based on Benzodithiophene-bridged Porphyrin Dimers. <i>Energy Technology</i> , 2022, 10, .	3.8	9
20	High Open Circuit Voltage Over 1.1 V Achieved in Tin-based Perovskite Solar Cells with a 2D/3D Vertical Heterojunction. <i>Advanced Science</i> , 2022, 9, e2200242.	11.2	46
21	Realizing 17.5% Efficiency Flexible Organic Solar Cells via Atomic-Level Chemical Welding of Silver Nanowire Electrodes. <i>Journal of the American Chemical Society</i> , 2022, 144, 8658-8668.	13.7	116
22	Recyclable and CO ₂ -retardant Zn-air batteries based on CO ₂ -decorated highly conductive cellulose electrolytes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12235-12246.	10.3	11
23	A Submicrosecond-Response Ultraviolet-Visible-Near-Infrared Broadband Photodetector Based on 2D Tellurosilicate InSiTe ₃ . <i>ACS Nano</i> , 2022, 16, 7745-7754.	14.6	32
24	Enhanced Efficiency and Stability in Sb ₂ S ₃ Seed Layer Buffered Sb ₂ Se ₃ Solar Cells. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	13
25	Recyclable, Healable, and Tough Ionogels Insensitive to Crack Propagation. <i>Advanced Materials</i> , 2022, 34, e2203049.	21.0	82
26	A highly conductive and stable hybrid solid electrolyte for high voltage lithium metal batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12842-12855.	10.3	15
27	Oxygen-supplied mesoporous carbon nanoparticles for enhanced photothermal/photodynamic synergetic therapy against antibiotic-resistant bacterial infections. <i>Chemical Science</i> , 2022, 13, 6967-6981.	7.4	22
28	Applications of Organic Electrochemical Transistors in Flexible Bioelectronics. , 2022, 1, 88-97.		6
29	Flexible/Stretchable Biosensors and Bioinspired Biosensors. , 2022, , 247-283.		0
30	Three-Dimensional Printable, Highly Conductive Ionic Elastomers for High-Sensitivity Iontronics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26068-26076.	8.0	27
31	Enabling Antibacterial and Antifouling Coating <i>via</i> Grafting of a Nitric Oxide-Releasing Ionic Liquid on Silicone Rubber. <i>Biomacromolecules</i> , 2022, 23, 2329-2341.	5.4	10
32	UV-crosslinkable anthracene-based ionomer derived gas "Expressway" for anion exchange membrane fuel cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13355-13367.	10.3	15
33	Thiophene-Perylene diimide Bridged Dimeric Porphyrin Donors Based on the Donor-Acceptor-Donor Structure for Organic Photovoltaics. <i>ACS Applied Energy Materials</i> , 2022, 5, 7287-7296.	5.1	4
34	Effect of ferrous sulfate modified sludge biochar on the mobility, speciation, fractionation and bioaccumulation of vanadium in contaminated soil from a mining area. <i>Journal of Hazardous Materials</i> , 2022, 437, 129405.	12.4	12
35	KBF ₄ Additive for Alleviating Microstrain, Improving Crystallinity, and Passivating Defects in Inverted Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	40
36	2D Metal-Organic Framework Cu ₃ (HHTT) ₂ Films for Broadband Photodetectors from Ultraviolet to Mid-Infrared. <i>Advanced Materials</i> , 2022, 34, .	21.0	16

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37	Wogonin Accelerates Hematoma Clearance and Improves Neurological Outcome via the PPAR- β Pathway After Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2021, 12, 660-675.	4.2	47
38	Association of adiposity with diabetes: A national research among Chinese adults. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3380.	4.0	5
39	Prevalence and risk factors associated with stroke in China: A nationwide survey of 726,451 adults. <i>European Journal of Preventive Cardiology</i> , 2021, 28, e6-e10.	1.8	10
40	Stroke prevention and control system in China: CSPPC-Stroke Program. <i>International Journal of Stroke</i> , 2021, 16, 265-272.	5.9	125
41	High-Performance Quasi-2D Perovskite/Single-Walled Carbon Nanotube Phototransistors for Low-Cost and Sensitive Broadband Photodetection. <i>Small Structures</i> , 2021, 2, 2000084.	12.0	26
42	Alkaline stable pyrrolidinium-type main-chain polymer: The synergetic effect between adjacent cations. <i>Journal of Membrane Science</i> , 2021, 618, 118689.	8.2	20
43	A facile strategy for quantitative sensing of glycans on cell surface using organic electrochemical transistors. <i>Biosensors and Bioelectronics</i> , 2021, 175, 112878.	10.1	21
44	Recent Progress in Short- to Long-Wave Infrared Photodetection Using 2D Materials and Heterostructures. <i>Advanced Optical Materials</i> , 2021, 9, 2001708.	7.3	118
45	Mutant erythropoietin enhances white matter repair via the JAK2/STAT3 and C/EBP β pathway in middle-aged mice following cerebral ischemia and reperfusion. <i>Experimental Neurology</i> , 2021, 337, 113553.	4.1	19
46	Highly efficient and stable PEI@Al ₂ O ₃ adsorbents derived from coal fly ash for biogas upgrading. <i>Chemical Engineering Journal</i> , 2021, 409, 128117.	12.7	24
47	Flexible cationic side chains for enhancing the hydroxide ion conductivity of olefinic-type copolymer-based anion exchange membranes: An experimental and theoretical study. <i>Journal of Membrane Science</i> , 2021, 620, 118794.	8.2	26
48	Flexible Electrochemical Biosensors for Health Monitoring. <i>ACS Applied Electronic Materials</i> , 2021, 3, 53-67.	4.3	75
49	Highly sensitive detection of caspase-3 activity based on peptide-modified organic electrochemical transistor biosensors. <i>Nanoscale</i> , 2021, 13, 2868-2874.	5.6	33
50	Ethylenedioxythiophene incorporated diketopyrrolopyrrole conjugated polymers for high-performance organic electrochemical transistors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4260-4266.	5.5	19
51	Induction of muscle-regenerative multipotent stem cells from human adipocytes by PDGF-AB and 5-azacytidine. <i>Science Advances</i> , 2021, 7, .	10.3	3
52	Recent progress in tin-based perovskite solar cells. <i>Energy and Environmental Science</i> , 2021, 14, 1286-1325.	30.8	257
53	T-ALL can evolve to oncogene independence. <i>Leukemia</i> , 2021, 35, 2205-2219.	7.2	4
54	Selective Ferroptosis Inhibitor Liproxstatin-1 Attenuates Neurological Deficits and Neuroinflammation After Subarachnoid Hemorrhage. <i>Neuroscience Bulletin</i> , 2021, 37, 535-549.	2.9	97

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55	The Infratentorial Localization of Brain Metastases May Correlate with Specific Clinical Characteristics and Portend Worse Outcomes Based on Voxel-Wise Mapping. <i>Cancers</i> , 2021, 13, 324.	3.7	6
56	Synergistic effects of the zinc acetate additive on the performance enhancement of Sn-based perovskite solar cells. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1995-2000.	5.9	5
57	Metal-organic framework transistors for dopamine sensing. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3422-3427.	5.9	30
58	Thin-film transistors for emerging neuromorphic electronics: fundamentals, materials, and pattern recognition. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11464-11483.	5.5	31
59	A recent overview of porphyrin-based π -extended small molecules as donors and acceptors for high-performance organic solar cells. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7119-7133.	5.9	29
60	Highly stable and efficient perovskite solar cells passivated by a functional amorphous layer. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21708-21715.	10.3	13
61	Loss of Wip1 aggravates brain injury after ischaemia/reperfusion by overactivating microglia. <i>Stroke and Vascular Neurology</i> , 2021, 6, 344-351.	3.3	6
62	Instrumentational implementation for parallelized nanopore electrochemical measurements. <i>Analyst</i> , 2021, 146, 4111-4120.	3.5	6
63	Enhanced and environment-friendly chemical looping gasification of crop straw using red mud as a sinter-resistant oxygen carrier. <i>Waste Management</i> , 2021, 121, 354-364.	7.4	43
64	Electric-Field-Induced Gradient Ionogels for Highly Sensitive, Broad-Range Response, and Freeze/Heat-Resistant Ionic Fingers. <i>Advanced Materials</i> , 2021, 33, e2008486.	21.0	134
65	Activation of Nurr1 with Amodiaquine Protected Neuron and Alleviated Neuroinflammation after Subarachnoid Hemorrhage in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	4.0	4
66	Inhibition of Dectin-1 Ameliorates Neuroinflammation by Regulating Microglia/Macrophage Phenotype After Intracerebral Hemorrhage in Mice. <i>Translational Stroke Research</i> , 2021, 12, 1018-1034.	4.2	31
67	An Identification Method for Rotor Direction Based on Charge Induction. <i>Sensors</i> , 2021, 21, 1380.	3.8	2
68	2D materials for conducting holes from grain boundaries in perovskite solar cells. <i>Light: Science and Applications</i> , 2021, 10, 68.	16.6	59
69	Hydrodynamic and Energy Capture Properties of a Cylindrical Triboelectric Nanogenerator for Ocean Buoy. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3076.	2.5	3
70	A Superstrong and Reversible Ionic Crystal-Based Adhesive Inspired by Ice Adhesion. <i>Angewandte Chemie</i> , 2021, 133, 9030-9041.	2.0	15
71	Design of Millimeter Wave Transceiver Isolation System Based on Polarization Converter and Grating. , 2021, , .		0
72	Biogas Upgrading via Cyclic CO ₂ Adsorption: Application of Highly Regenerable PEI@nano-Al ₂ O ₃ Adsorbents with Anti-Urea Properties. <i>Environmental Science & Technology</i> , 2021, 55, 5236-5247.	10.0	42

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73	Robust and High-Temperature-Resistant Nanofiber Membrane Separators for Li–Metal, Li–Sulfur, and Aqueous Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16289-16299.	8.0	30
74	MiR-29a Knockout Aggravates Neurological Damage by Pre-polarizing M1 Microglia in Experimental Rat Models of Acute Stroke. <i>Frontiers in Genetics</i> , 2021, 12, 642079.	2.3	6
75	In-situ observation of trapped carriers in organic metal halide perovskite films with ultra-fast temporal and ultra-high energetic resolutions. <i>Nature Communications</i> , 2021, 12, 1636.	12.8	11
76	A Superstrong and Reversible Ionic Crystal-Based Adhesive Inspired by Ice Adhesion. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8948-8959.	13.8	77
77	2D WSe ₂ Flakes for Synergistic Modulation of Grain Growth and Charge Transfer in Tin-Based Perovskite Solar Cells. <i>Advanced Science</i> , 2021, 8, e2004315.	11.2	41
78	Poly(ionic liquid)/Ce-Based Antimicrobial Nanofibrous Membrane for Blocking Drug-Resistance Dissemination from MRSA-Infected Wounds. <i>Advanced Functional Materials</i> , 2021, 31, 2100336.	14.9	42
79	Inhibition of NADPH oxidase 4 attenuates lymphangiogenesis and tumor metastasis in breast cancer. <i>FASEB Journal</i> , 2021, 35, e21531.	0.5	10
80	Error analysis of initial phase estimation for X-ray pulsar navigation system. <i>Modern Physics Letters B</i> , 2021, 35, 2150287.	1.9	0
81	A patterned titania nanorod array enables high fill factor in perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2021, 63, 391-392.	12.9	2
82	Stroke-unit care for stroke patients in China: the results from Bigdata Observatory platform for Stroke of China. <i>Journal of Neurology</i> , 2021, 268, 4213-4220.	3.6	9
83	Gut Microbiota Dysbiosis Induced by Intracerebral Hemorrhage Aggravates Neuroinflammation in Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 647304.	3.5	49
84	Association of adiposity indicators with hypertension among Chinese adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1391-1400.	2.6	10
85	Yes-Associated Protein is Involved in Myocardial Fibrosis in Rats with Diabetic Cardiomyopathy, Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 2133-2143.	2.4	2
86	Shape- and Color-Switchable Polyurethane Thermochromic Actuators Based on Metal-Containing Ionic Liquids. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28878-28888.	8.0	12
87	Acridine-Based Covalent Organic Framework Photosensitizer with Broad-Spectrum Light Absorption for Antibacterial Photocatalytic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100775.	7.6	35
88	Low-temperature and effective ex situ group V doping for efficient polycrystalline CdSeTe solar cells. <i>Nature Energy</i> , 2021, 6, 715-722.	39.5	31
89	Pharmacological Activation of RXR α Promotes Hematoma Absorption via a PPAR γ -dependent Pathway After Intracerebral Hemorrhage. <i>Neuroscience Bulletin</i> , 2021, 37, 1412-1426.	2.9	11
90	White Matter Injury After Intracerebral Hemorrhage. <i>Frontiers in Neurology</i> , 2021, 12, 562090.	2.4	28

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91	Highly Conductive and Dimensionally Stable Anion Exchange Membranes Based on Poly(dimethoxybenzene- <i>i>co</i>-methyl 4-formylbenzoate) Ionomers. <i>Macromolecules</i>, 2021, 54, 5557-5566.</i>	4.8	24
92	Monose-modified organic electrochemical transistors for cell surface glycan analysis via competitive recognition to enzyme-labeled lectin. <i>Mikrochimica Acta</i> , 2021, 188, 252.	5.0	4
93	İ€-Conjugated zwitterion for dual-interfacial modification in high-performance perovskite solar cells. <i>Chemical Engineering Journal</i> , 2021, 416, 129153.	12.7	3
94	AXL kinase-mediated astrocytic phagocytosis modulates outcomes of traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 154.	7.2	20
95	Ionic Liquid Electrolyte-Based Switchable Mirror with Fast Response and Improved Durability. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37339-37349.	8.0	13
96	Fast Photothermoelectric Response in CVDâ€Crown PdSe₂ Photodetectors with Inâ€Plane Anisotropy. <i>Advanced Functional Materials</i> , 2021, 31, 2104787.	14.9	44
97	Interaction Regulation Between Ionomer Binder and Catalyst: Active Tripleâ€Phase Boundary and High Performance Catalyst Layer for Anion Exchange Membrane Fuel Cells. <i>Advanced Science</i> , 2021, 8, e2101744.	11.2	34
98	FA/MA Cation Exchange for Efficient and Reproducible Tin-Based Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40656-40663.	8.0	24
99	Recent progress of flexible perovskite solar cells. <i>Nano Today</i> , 2021, 39, 101155.	11.9	61
100	Inhibition of P2X4R attenuates white matter injury in mice after intracerebral hemorrhage by regulating microglial phenotypes. <i>Journal of Neuroinflammation</i> , 2021, 18, 184.	7.2	14
101	Graded bulk-heterojunction enables 17% binary organic solar cells via nonhalogenated open air coating. <i>Nature Communications</i> , 2021, 12, 4815.	12.8	135
102	Process tracing and partitioning behaviors of PCDD/Fs in the post-combustion zone from a full-scale municipal solid waste incinerator in southern China. <i>Environmental Technology and Innovation</i> , 2021, 23, 101789.	6.1	5
103	Efficient conversion of carbohydrates and biomass into furan compounds by chitin/Ag co-modified H3PW12O40 catalysts. <i>Journal of Cleaner Production</i> , 2021, 316, 128243.	9.3	12
104	Autophagy protein NRBF2 attenuates endoplasmic reticulum stress-associated neuroinflammation and oxidative stress via promoting autophagosome maturation by interacting with Rab7 after SAH. <i>Journal of Neuroinflammation</i> , 2021, 18, 210.	7.2	17
105	CO₂ Ionized Poly(vinyl alcohol) Electrolyte for CO₂â€Tolerant Znâ€Air Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2102047.	19.5	32
106	Tungstophosphoric acid supported on metal/Si-pillared montmorillonite for conversion of biomass-derived carbohydrates into methyl levulinate. <i>Journal of Cleaner Production</i> , 2021, 314, 128072.	9.3	12
107	Ultrafast, sensitive, and portable detection of COVID-19 IgG using flexible organic electrochemical transistors. <i>Science Advances</i> , 2021, 7, eabg8387.	10.3	111
108	Solution-processed NiO _x nanoparticles with a wide pH window as an efficient hole transport material for high performance tin-based perovskite solar cells. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 144002.	2.8	8

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109	The Rates and the Determinants of Hypertension According to the 2017 Definition of Hypertension by ACC/AHA and 2014 Evidence-Based Guidelines Among Population Aged ≥40 Years Old. <i>Global Heart</i> , 2021, 16, 34.	2.3	2
110	A green synthesis of PEI@nano-SiO ₂ adsorbent from coal fly ash: selective and efficient CO ₂ adsorption from biogas. <i>Sustainable Energy and Fuels</i> , 2021, 5, 1014-1025.	4.9	13
111	Machine learning analysis and prediction models of alkaline anion exchange membranes for fuel cells. <i>Energy and Environmental Science</i> , 2021, 14, 3965-3975.	30.8	29
112	Trap-Assisted Charge Storage in Titania Nanocrystals toward Optoelectronic Nonvolatile Memory. <i>Nano Letters</i> , 2021, 21, 723-730.	9.1	20
113	Ultrasensitive Detection of Ribonucleic Acid Biomarkers Using Portable Sensing Platforms Based on Organic Electrochemical Transistors. <i>Analytical Chemistry</i> , 2021, 93, 14359-14364.	6.5	23
114	Conductive CuCo-Based Bimetal Organic Framework for Efficient Hydrogen Evolution. <i>Advanced Materials</i> , 2021, 33, e2106781.	21.0	116
115	TREM1 Regulates Neuroinflammatory Injury by Modulate Proinflammatory Subtype Transition of Microglia and Formation of Neutrophil Extracellular Traps via Interaction With SYK in Experimental Subarachnoid Hemorrhage. <i>Frontiers in Immunology</i> , 2021, 12, 766178.	4.8	11
116	Effective Plug-Ins for Reducing Inference-Latency of Spiking Convolutional Neural Networks During Inference Phase. <i>Frontiers in Computational Neuroscience</i> , 2021, 15, 697469.	2.1	0
117	Flexible perovskite solar cells: Materials and devices. <i>Journal of Semiconductors</i> , 2021, 42, 101606.	3.7	12
118	Efficient one-pot synthesis of ethyl levulinate from carbohydrates catalyzed by Wells-Dawson heteropolyacid supported on Ce-Si pillared montmorillonite. <i>Journal of Cleaner Production</i> , 2021, 324, 129276.	9.3	9
119	Low-Temperature Surface Phase Transitions in Multiferroic BiFeO ₃ Nanocrystals Probed via Electron Paramagnetic Resonance. <i>Journal of Physical Chemistry C</i> , 2021, 125, 24596-24604.	3.1	7
120	Regulation of Morphology and Electronic Structure of FeCoNi Layered Double Hydroxides for Highly Active and Stable Water Oxidization Catalysts. <i>Advanced Energy Materials</i> , 2021, 11, .	19.5	94
121	Cervical spondylotic internal jugular venous compression syndrome. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 47-54.	3.9	27
122	Safety and efficacy of intravascular ultrasound as an adjunct to stenting for cerebral venous sinus stenosis-induced idiopathic intracranial hypertension: a pilot study. <i>Journal of Neurosurgery</i> , 2020, 132, 749-754.	1.6	12
123	Sex differences in risk factors for stroke: A nationwide survey of 700,000 Chinese Adults. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 323-327.	1.8	5
124	An all-in-one strategy for the adsorption of heavy metal ions and photodegradation of organic pollutants using steel slag-derived calcium silicate hydrate. <i>Journal of Hazardous Materials</i> , 2020, 382, 121120.	12.4	75
125	An investigation of the effect of ultrasonic waves on the efficiency of silicon extraction from coal fly ash. <i>Ultrasonics Sonochemistry</i> , 2020, 60, 104765.	8.2	24
126	Silencing of microRNA-494 inhibits the neurotoxic Th1 shift via regulating HDAC2-STAT4 cascade in ischaemic stroke. <i>British Journal of Pharmacology</i> , 2020, 177, 128-144.	5.4	21

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127	Circular RNA expression profiles alter significantly after intracerebral hemorrhage in rats. <i>Brain Research</i> , 2020, 1726, 146490.	2.2	19
128	Antimonene-based flexible photodetector. <i>Nanoscale Horizons</i> , 2020, 5, 124-130.	8.0	51
129	Perovskite-Based Phototransistors and Hybrid Photodetectors. <i>Advanced Functional Materials</i> , 2020, 30, 1903907.	14.9	225
130	Scalable Core-Shell MoS ₂ /Sb ₂ Se ₃ Nanorod Array Photocathodes for Enhanced Photoelectrochemical Water Splitting. <i>Solar Rrl</i> , 2020, 4, 1900442.	5.8	32
131	Cobalt-Encapsulated Nitrogen-Doped Carbon Nanotube Arrays for Flexible Zinc-Air Batteries. <i>Small Methods</i> , 2020, 4, 1900571.	8.6	91
132	Reduction-ammoniacal leaching to recycle lithium, cobalt, and nickel from spent lithium-ion batteries with a hydrothermal method: Effect of reductants and ammonium salts. <i>Waste Management</i> , 2020, 102, 122-130.	7.4	64
133	Poly(ionic liquid) hydrogel-based anti-freezing ionic skin for a soft robotic gripper. <i>Materials Horizons</i> , 2020, 7, 919-927.	12.2	289
134	Imidazolium-based ionic polyurethanes with high toughness, tunable healing efficiency and antibacterial activities. <i>Polymer Chemistry</i> , 2020, 11, 867-875.	3.9	45
135	Synaptotagmin-1 regulates the functions of caveolae and responds to mechanical stimuli in astrocytes. <i>FASEB Journal</i> , 2020, 34, 2609-2624.	0.5	8
136	A Recognition Method for Hand Motion Direction Based on Charge Induction. <i>IEEE Sensors Journal</i> , 2020, 20, 415-424.	4.7	6
137	A novel nickel catalyst supported on activated coal fly ash for syngas production via biogas dry reforming. <i>Renewable Energy</i> , 2020, 149, 786-793.	8.9	38
138	Efficient recovery of phosphorus in sewage sludge through hydroxylapatite enhancement formation aided by calcium-based additives. <i>Water Research</i> , 2020, 171, 115450.	11.3	46
139	High-Voltage Resistant Ionic Liquids for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 591-600.	8.0	66
140	Printable UV-Light Sensor for Human Eye Protection. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1495-1503.	8.0	19
141	Ultrafast laser-annealing of perovskite films for efficient perovskite solar cells. <i>Energy and Environmental Science</i> , 2020, 13, 1187-1196.	30.8	129
142	Intranasal wnt-3a alleviates neuronal apoptosis in early brain injury post subarachnoid hemorrhage via the regulation of wnt target PPAN mediated by the moonlighting role of aldolase C. <i>Neurochemistry International</i> , 2020, 134, 104656.	3.8	19
143	Metal oxide-free flexible organic solar cells with 0.1 M perchloric acid sprayed polymeric anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21007-21015.	10.3	40
144	Electrospun Cadmium Selenide Nanoparticles-Loaded Cellulose Acetate Fibers for Solar Thermal Application. <i>Nanomaterials</i> , 2020, 10, 1329.	4.1	15

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