Bin Wang

List of Publications by Year
in descending order

199 papers	11,471 citations	28190 55 h-index	35952 97 g-index
200 all docs	200 docs citations	200 times ranked	15490 citing authors

#	Article	IF	Citations
1	Copper Indium Sulfide Enables <scp>Liâ€CO₂</scp> Batteries with Boosted Reaction Kinetics and Cycling Stability. Energy and Environmental Materials, 2023, 6, .	7.3	7
2	Flexible High Energy Density Sodium Dualâ€ion Battery with Long Cycle life. Energy and Environmental Materials, 2022, 5, 1285-1293.	7.3	5
3	Artificial Solidâ€Electrolyte Interphase and Bambooâ€like Nâ€doped Carbon Nanotube Enabled Highly Rechargeable Kâ€CO₂ Batteries. Advanced Functional Materials, 2022, 32, 2105029.	7.8	17
4	Amorphous H0.82MoO3.26 cathodes based long cyclelife fiber-shaped Zn-ion battery for wearable sensors. Energy Storage Materials, 2022, 49, 227-235.	9.5	15
5	Binderâ€Free MoN Nanofibers Catalysts for Flexible 2â€Electron Oxalateâ€Based Liâ€CO₂ Batteries with High Energy Efficiency. Advanced Functional Materials, 2022, 32, .	7.8	42
6	Decreasing the Overpotential of Aprotic Liâ€CO₂ Batteries with the Inâ€Plane Alloy Structure in Ultrathin 2D Ruâ€Based Nanosheets. Advanced Functional Materials, 2022, 32, .	7.8	39
7	Vertically Aligned N-doped Carbon Nanotubes Arrays as Efficient Binder-free Catalysts for Flexible Li-CO2 Batteries. Energy Storage Materials, 2021, 35, 148-156.	9.5	50
8	Oxygen-deficient ammonium vanadate for flexible aqueous zinc batteries with high energy density and rate capability at â^'30 Â°C. Materials Today, 2021, 43, 53-61.	8.3	65
9	Rechargeable Liï£¿CO₂ Batteries with Graphdiyne as Efficient Metalâ€Free Cathode Catalysts. Advanced Functional Materials, 2021, 31, 2101423.	7.8	30
10	Nanocellulose intercalation to boost the performance of MXene pressure sensor for human interactive monitoring. Journal of Materials Science, 2021, 56, 13859-13873.	1.7	38
11	Cation- deficient Zn0.3(NH4)0.3V4O10â€¢0.91H2O for rechargeable aqueous zinc battery with superior low- temperature performance. Energy Storage Materials, 2021, 38, 389-396.	9.5	64
12	Revolution-assisted direct writing of highly controllable spiral graphene fibers with ultrasensitive photoelectric response. Composites Communications, 2021, 26, 100783.	3.3	3
13	Biomass derived carbon containing in-situ constructed nickel-based hydroxide nanostructures based on MnO2 template for high performance asymmetric supercapacitors. Journal of Alloys and Compounds, 2021, 884, 161149.	2.8	8
14	Decoding sound categories based on whole-brain functional connectivity patterns. Brain Imaging and Behavior, 2020, 14, 100-109.	1.1	5
15	Graph-based network analysis of resting-state fMRI: test-retest reliability of binarized and weighted networks. Brain Imaging and Behavior, 2020, 14, 1361-1372.	1.1	16
16	Vegetation dynamics and their relationships with climatic factors in the Qinling Mountains of China. Ecological Indicators, 2020, 108, 105719.	2.6	71
17	A novel thermophilic Î²-mannanase with broad-range pH stability from Lichtheimia ramosa and its synergistic effect with Î±-galactosidase on hydrolyzing palm kernel meal. Process Biochemistry, 2020, 88, 51-59.	1.8	10
18	2.2V high performance symmetrical fiber-shaped aqueous supercapacitors enabled by â€œwater-in-saltâ€• gel electrolyte and N-Doped graphene fiber. Energy Storage Materials, 2020, 24, 495-503.	9.5	71

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19	Scorpion Venom Heat-Resistant Peptide is Neuroprotective against Cerebral Ischemia-Reperfusion Injury in Association with the NMDA-MAPK Pathway. Neuroscience Bulletin, 2020, 36, 243-253.	1.5	20
20	Facile synthesis of magnetic carbon nanotubes derived from ZIF-67 and application to magnetic solid-phase extraction of profens from human serum. Talanta, 2020, 207, 120284.	2.9	34
21	Improving expression of thermostable trehalase from Myceliophthora sepedonium in Aspergillus niger mediated by the CRISPR/Cas9 tool and its purification, characterization. Protein Expression and Purification, 2020, 165, 105482.	0.6	17
22	Flexible self-powered fiber-shaped photocapacitors with ultralong cyclelife and total energy efficiency of 5.1%. Energy Storage Materials, 2020, 24, 255-264.	9.5	24
23	Flexible aqueous ammonium-ion full cell with high rate capability and long cycle life. Nano Energy, 2020, 68, 104369.	8.2	89
24	Bioinspired Interface Design of Sewable, Weavable, and Washable Fiber Zinc Batteries for Wearable Power Textiles. Advanced Functional Materials, 2020, 30, 2004430.	7.8	52
25	Fiber-Shaped Fluidic Nanogenerator with High Power Density for Self-Powered Integrated Electronics. Cell Reports Physical Science, 2020, 1, 100175.	2.8	9
26	Forecasting interacting vacuum-energy models using gravitational waves. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 050-050.	1.9	23
27	Fiber-shaped Supercapacitors: Advanced Strategies toward High-performances and Multi-functions. Chinese Journal of Polymer Science (English Edition), 2020, 38, 403-422.	2.0	13
28	Unraveling Reaction Mechanisms of Mo₂C as Cathode Catalyst in a Li-CO₂ Battery. Journal of the American Chemical Society, 2020, 142, 6983-6990.	6.6	133
29	Ultrafine nanosulfur particles sandwiched in little oxygen-functionalized graphene layers as cathodes for high rate and long-life lithium-sulfur batteries. Nanotechnology, 2020, 31, 245404.	1.3	9
30	Flexible metalâ€“gas batteries: a potential option for next-generation power accessories for wearable electronics. Energy and Environmental Science, 2020, 13, 1933-1970.	15.6	121
31	Proteomics Screening of Differentially Expressed Cytokines in Tears of Patients with Gravesâ€™ Ophthalmopathy. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 20, 87-95.	0.6	13
32	Safety and efficacy of zotarolimusâ€eluting stents in the treatment of diabetic coronary lesions in Chinese patients: The RESOLUTEâ€DIABETES CHINA Study. Journal of Diabetes, 2019, 11, 204-213.	0.8	2
33	Bambooâ€Like Nitrogenâ€Doped Carbon Nanotube Forests as Durable Metalâ€Free Catalysts for Selfâ€Powered Flexible Liâ€“CO₂ Batteries. Advanced Materials, 2019, 31, e1903852.	11.1	141
34	Design and synthesis of organic rectorite-based composite nanofiber membrane with enhanced adsorption performance for bisphenol A. Environmental Science and Pollution Research, 2019, 26, 28860-28870.	2.7	6
35	Risk of Thyroid Disorders in Patients with Gout and Hyperuricemia. Hormone and Metabolic Research, 2019, 51, 522-530.	0.7	8
36	Dopamine Delivery via pHâ€Sensitive Nanoparticles for Tumor Blood Vessel Normalization and an Improved Effect of Cancer Chemotherapeutic Drugs. Advanced Healthcare Materials, 2019, 8, e1900283.	3.9	36

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37	Oxygen-containing functional groups on bioelectrode surface enhance expression of c-type cytochromes in biofilm and boost extracellular electron transfer. Bioresource Technology, 2019, 292, 121995.	4.8	24
38	Recycling LiCoO2 with methanesulfonic acid for regeneration of lithium-ion battery electrode materials. Journal of Power Sources, 2019, 436, 226828.	4.0	75
39	Numerical simulation and behavior insights of steel columns with SMA bolts towards earthquake resilience. Journal of Constructional Steel Research, 2019, 161, 285-295.	1.7	19
40	Role of caprinâ€'1 in carcinogenesis (Review). Oncology Letters, 2019, 18, 15-21.	0.8	17
41	Excitation and detection of evanescent acoustic waves in piezoelectric plates: Theoretical and 2D FEM modeling. Ultrasonics, 2019, 99, 105961.	2.1	9
42	Predominance of abiotic drivers in the relationship between species diversity and litterfall production in a tropical karst seasonal rainforest. Forest Ecology and Management, 2019, 449, 117452.	1.4	15
43	Northern Hemisphere Land Monsoon Precipitation Increased by the Green Sahara During Middle Holocene. Geophysical Research Letters, 2019, 46, 9870-9879.	1.5	30
44	Dual roles of hydrogen peroxide in promoting zebrafish renal repair and regeneration. Biochemical and Biophysical Research Communications, 2019, 516, 680-685.	1.0	12
45	Expression of microRNAs in the plasma of patients with acute gouty arthritis and the effects of colchicine and etoricoxib on the differential expression of microRNAs. Archives of Medical Science, 2019, 15, 1047-1055.	0.4	15
46	Efficient genome editing in Aspergillus niger with an improved recyclable CRISPR-HDR toolbox and its application in introducing multiple copies of heterologous genes. Journal of Microbiological Methods, 2019, 163, 105655.	0.7	28
47	2D Metalâ€"Organic Framework Derived CuCo Alloy Nanoparticles Encapsulated by Nitrogenâ€Doped Carbonaceous Nanoleaves for Efficient Bifunctional Oxygen Electrocatalyst and Zincâ€"Air Batteries. Chemistry - A European Journal, 2019, 25, 12780-12788.	1.7	38
48	Dendriteâ€Free Flexible Fiberâ€Shaped Zn Battery with Long Cycle Life in Water and Air. Advanced Energy Materials, 2019, 9, 1901434.	10.2	87
49	Preharvest multiple sprays with sodium nitroprusside promote wound healing of harvested muskmelons by activation of phenylpropanoid metabolism. Postharvest Biology and Technology, 2019, 158, 110988.	2.9	43
50	Exogenous miRâ€26a suppresses muscle wasting and renal fibrosis in obstructive kidney disease. FASEB Journal, 2019, 33, 13590-13601.	0.2	48
51	Lower clearance of sodium tanshinone IIA sulfonate in coronary heart disease patients and the effect of total bilirubin: a population pharmacokinetics analysis. Chinese Journal of Natural Medicines, 2019, 17, 218-226.	0.7	7
52	Sexual Dimorphism of Gut Microbiota Dictates Therapeutics Efficacy of Radiation Injuries. Advanced Science, 2019, 6, 1901048.	5.6	36
53	Liâ€"CO₂ Batteries: Bambooâ€Like Nitrogenâ€Doped Carbon Nanotube Forests as Durable Metalâ€Free Catalysts for Selfâ€Powered Flexible Liâ€"CO₂ Batteries (Adv. Mater. 39/2019). Advanced Materials, 2019, 31, 1970279.	11.1	24
54	Functional analysis of deubiquitylating enzymes in tumorigenesis and development. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1872, 188312.	3.3	48

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55	Thyroid disorders in patients with myasthenia gravis: A systematic review and meta-analysis. Autoimmunity Reviews, 2019, 18, 102368.	2.5	21
56	Global in situ Observations of Essential Climate and Ocean Variables at the Airâ€“Sea Interface. Frontiers in Marine Science, 2019, 6, .	1.2	49
57	Direct and understorey-mediated indirect effects of human-induced environmental changes on litter decomposition in temperate forest. Soil Biology and Biochemistry, 2019, 138, 107579.	4.2	13
58	Persistent metagenomic signatures of early-life hospitalization and antibiotic treatment in the infant gut microbiota and resistome. Nature Microbiology, 2019, 4, 2285-2297.	5.9	191
59	Regulation of CP-25 on P-glycoprotein in synoviocytes of rats with adjuvant arthritis. Biomedicine and Pharmacotherapy, 2019, 119, 109432.	2.5	14
60	The Histone Deacetylases HosA and HdaA Affect the Phenotype and Transcriptomic and Metabolic Profiles of Aspergillus niger. Toxins, 2019, 11, 520.	1.5	27
61	Significantly improved dielectric properties of polylactide nanocomposites via TiO2 decorated carbon nanotubes. Composites Part A: Applied Science and Manufacturing, 2019, 127, 105650.	3.8	59
62	Flexible and Hierarchical 3D Interconnected Silver Nanowires/Cellulosic Paper-Based Thermoelectric Sheets with Superior Electrical Conductivity and Ultrahigh Thermal Dispersion Capability. ACS Applied Materials & Interfaces, 2019, 11, 39088-39099.	4.0	39
63	Highly Surfaceâ€Wrinkled and Nâ€Doped CNTs Anchored on Metal Wire: A Novel Fiberâ€Shaped Cathode toward Highâ€Performance Flexible Liâ€“CO‹sub›2‹/sub› Batteries. Advanced Functional Materials, 2019, 29, 1808117.	7.8	75
64	‹i›N‹/i›-n-Butyl Haloperidol Iodide Ameliorates Oxidative Stress in Mitochondria Induced by Hypoxia/Reoxygenation through the Mitochondrial c-Jun N-Terminal Kinase/Sab/Src/Reactive Oxygen Species Pathway in H9c2 Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	1.9	12
65	Fabrication of a novel antibacterial TPU nanofiber membrane containing Cu-loaded zeolite and its antibacterial activity toward Escherichia coli. Journal of Materials Science, 2019, 54, 11682-11693.	1.7	28
66	Urinary tract colonization is enhanced by a plasmid that regulates uropathogenic Acinetobacter baumannii chromosomal genes. Nature Communications, 2019, 10, 2763.	5.8	80
67	Clinical analysis of 21â€‘gene recurrence score test in hormone receptorâ€‘positive earlyâ€‘stage breast cancer. Oncology Letters, 2019, 17, 5469-5480.	0.8	5
68	A pH-responsive platform combining chemodynamic therapy with limotherapy for simultaneous bioimaging and synergistic cancer therapy. Biomaterials, 2019, 216, 119254.	5.7	95
69	Recommended acceptable levels of maternal serum typical toxic metals from the perspective of spontaneous preterm birth in Shanxi Province, China. Science of the Total Environment, 2019, 686, 599-605.	3.9	13
70	Orienting the charge transfer path of type-II heterojunction for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2019, 256, 117853.	10.8	65
71	Micro/nanostructured MnCo2O4.5 anodes with high reversible capacity and excellent rate capability for next generation lithium-ion batteries. Applied Energy, 2019, 252, 113452.	5.1	13
72	Characteristics of the Life Cycle of Porcine Deltacoronavirus (PDCoV) In Vitro: Replication Kinetics, Cellular Ultrastructure and Virion Morphology, and Evidence of Inducing Autophagy. Viruses, 2019, 11, 455.	1.5	40

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73	Effects of the aqueous phase recycling on bio-oil yield in hydrothermal liquefaction of Spirulina Platensis, Î±-cellulose, and lignin. Energy, 2019, 179, 1103-1113.	4.5	76
74	Efficient expression of a novel thermophilic fungal Î²-mannosidase from Lichtheimia ramosa with broad-range pH stability and its synergistic hydrolysis of locust bean gum. Journal of Bioscience and Bioengineering, 2019, 128, 416-423.	1.1	11
75	UCN3 suppresses food intake in coordination with CCK and the CCK2R in Siberian sturgeon (Acipenser) Tj ETQq1 1 0.784314 rgBT /Ove 234, 106-113.	0.8	8
76	Specificity of NHERF1 regulation of GPCR signaling and function in human airway smooth muscle. FASEB Journal, 2019, 33, 9008-9016.	0.2	8
77	Patterns of nitrogenâ€fixing tree abundance in forests across Asia and America. Journal of Ecology, 2019, 107, 2598-2610.	1.9	29
78	Levels of polycyclic aromatic hydrocarbons in umbilical cord and risk of orofacial clefts. Science of the Total Environment, 2019, 678, 123-132.	3.9	14
79	The transcripts of CRF and CRF receptors under fasting stress in Dabryâ€™s sturgeon (Acipenser) Tj ETQq1 1 0.784314 rgBT /Overloc	0.8	11
80	Highly sensitive aflatoxin B1 sensor based on DNA-guided assembly of fluorescent probe and TdT-assisted DNA polymerization. Food Chemistry, 2019, 294, 19-26.	4.2	22
81	Comparison of hyper- and hypofractionated radiation schemes with IMRT technique in small cell lung cancer: Clinical outcomes and the introduction of extended LQ and TCP models. Radiotherapy and Oncology, 2019, 136, 98-105.	0.3	11
82	Hepatitis B e antigen induces the expansion of monocytic myeloid-derived suppressor cells to dampen T-cell function in chronic hepatitis B virus infection. PLoS Pathogens, 2019, 15, e1007690.	2.1	54
83	Earthquake resilient RC walls using shape memory alloy bars and replaceable energy dissipating devices. Smart Materials and Structures, 2019, 28, 065021.	1.8	29
84	Health effects of air pollution: what we need to know and to do in the next decade. Journal of Thoracic Disease, 2019, 11, 1727-1730.	0.6	13
85	Benzo-(1, 2, 3)-thiadiazole-7-carbothioic acid s-methyl ester (BTH) promotes tuber wound healing of potato by elevation of phenylpropanoid metabolism. Postharvest Biology and Technology, 2019, 153, 125-132.	2.9	55
86	Novel ¹⁸F-Labeled Radioligands for Positron Emission Tomography Imaging of Myelination in the Central Nervous System. Journal of Medicinal Chemistry, 2019, 62, 4902-4914.	2.9	13
87	Injectable stem cell-laden supramolecular hydrogels enhance in situ osteochondral regeneration via the sustained co-delivery of hydrophilic and hydrophobic chondrogenic molecules. Biomaterials, 2019, 210, 51-61.	5.7	179
88	Flexible Platinum-Free Fiber-Shaped Dye Sensitized Solar Cell with 10.28% Efficiency. ACS Applied Energy Materials, 2019, 2, 2870-2877.	2.5	50
89	Vibration optimization of an infinite circular AT-cut quartz resonator with ring electrodes. Applied Mathematical Modelling, 2019, 72, 217-229.	2.2	15
90	How Northern High-Latitude Volcanic Eruptions in Different Seasons Affect ENSO. Journal of Climate, 2019, 32, 3245-3262.	1.2	27

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91	A novel flexible fiber-shaped dual-ion battery with high energy density based on omnidirectional porous Al wire anode. Nano Energy, 2019, 60, 285-293.	8.2	49
92	Bi-phase fire-resistant polyethylenimine/graphene oxide/melanin coatings using layer by layer assembly technique: Smoke suppression and thermal stability of flexible polyurethane foams. Polymer, 2019, 170, 65-75.	1.8	51
93	Hemisphere and Gender Differences in the Rich-Club Organization of Structural Networks. Cerebral Cortex, 2019, 29, 4889-4901.	1.6	28
94	Tuning Oxygen Vacancies in Ultrathin TiO₂ Nanosheets to Boost Photocatalytic Nitrogen Fixation up to 700 nm. Advanced Materials, 2019, 31, e1806482.	11.1	732
95	Dynamic Response of Concrete Frames Including Plain Ductile Cementitious Composites. Journal of Structural Engineering, 2019, 145, .	1.7	18
96	The retroviral accessory proteins S2, Nef, and glycoMA use similar mechanisms for antagonizing the host restriction factor SERINC5. Journal of Biological Chemistry, 2019, 294, 7013-7024.	1.6	26
97	Mechanisms of redundancy and specificity of the Aspergillus fumigatus Crh transglycosylases. Nature Communications, 2019, 10, 1669.	5.8	18
98	A smart preparation strategy for point-of-care cellular counting of trace volumes of human blood. Analytical and Bioanalytical Chemistry, 2019, 411, 2767-2780.	1.9	9
99	Thyroid Antibody Status is Associated with Central Lymph Node Metastases in Papillary Thyroid Carcinoma Patients with Hashimotoâ€™s Thyroiditis. Annals of Surgical Oncology, 2019, 26, 1751-1758.	0.7	23
100	Natureâ€Inspired Strategy for Anticorrosion. Advanced Engineering Materials, 2019, 21, 1801379.	1.6	58
101	Thyroid disorders in patients with systemic sclerosis: A systematic review and meta-analysis. Autoimmunity Reviews, 2019, 18, 634-636.	2.5	11
102	Circulating microRNA-144-3p and miR-762 are novel biomarkers of Gravesâ€™ disease. Endocrine, 2019, 65, 102-109.	1.1	17
103	The preparation of bifunctional electrospun air filtration membranes by introducing attapulgite for the efficient capturing of ultrafine PMs and hazardous heavy metal ions. Environmental Pollution, 2019, 249, 851-859.	3.7	37
104	Peripheral T cell receptor beta immune repertoire is promptly reconstituted after acute myocardial infarction. Journal of Translational Medicine, 2019, 17, 40.	1.8	7
105	Significant prognostic values of aquaporin mRNA expression in breast cancer . Cancer Management and Research, 2019, Volume 11, 1503-1515.	0.9	39
106	Association of maternal chronic arsenic exposure with the risk of neural tube defects in Northern China. Environment International, 2019, 126, 222-227.	4.8	16
107	Efficient degradation of carbamazepine by organo-montmorillonite supported nCoFe2O4-activated peroxymonosulfate process. Chemical Engineering Journal, 2019, 368, 824-836.	6.6	98
108	Discovery and Characterization of a Nitroreductase Capable of Conferring Bacterial Resistance to Chloramphenicol. Cell Chemical Biology, 2019, 26, 559-570.e6.	2.5	45

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109	Computationally Assisted Discovery and Assignment of a Highly Strained and PANC-1 Selective Alkaloid from Alaskaâ€™s Deep Ocean. Journal of the American Chemical Society, 2019, 141, 4338-4344.	6.6	43
110	In vitro effects of tongue sole LPXRFa and kisspeptin on relative abundance of pituitary hormone mRNA and inhibitory action of LPXRFa on kisspeptin activation in the PKC pathway. Animal Reproduction Science, 2019, 203, 1-9.	0.5	14
111	Triclosan and Female Reproductive Health. Epidemiology, 2019, 30, S24-S31.	1.2	16
112	Klebsiella pneumoniae-induced multiple invasive abscesses. Medicine (United States), 2019, 98, e17362.	0.4	8
113	Relationship Between mTOR Signaling Activation and Postoperative Neurocognitive Disorder in Aged Rats. Cognitive and Behavioral Neurology, 2019, 32, 193-200.	0.5	0
114	Heterologous expression and characterization of Penicillium citrinum nuclease P1 in Aspergillus niger and its application in the production of nucleotides. Protein Expression and Purification, 2019, 156, 36-43.	0.6	14
115	Genome-wide identification and characterization of laccase gene family in Citrus sinensis. Gene, 2019, 689, 114-123.	1.0	37
116	Experimental investigation on seismic behavior of square CFT columns with different shear stud layout. Journal of Constructional Steel Research, 2019, 153, 130-138.	1.7	21
117	Recent studies of LPXRFa receptor signaling in fish and other vertebrates. General and Comparative Endocrinology, 2019, 277, 3-8.	0.8	20
118	A Quasiâ€Solidâ€State Flexible Fiberâ€Shaped Liâ€“CO₂ Battery with Low Overpotential and High Energy Efficiency. Advanced Materials, 2019, 31, e1804439.	11.1	151
119	Ecofriendly UV-protective films based on poly(propylene carbonate) biocomposites filled with TiO2 decorated lignin. International Journal of Biological Macromolecules, 2019, 126, 1030-1036.	3.6	52
120	Enhanced photocatalytic hydrogen evolution by partially replaced corner-site C atom with P in g-C3N4. Applied Catalysis B: Environmental, 2019, 244, 486-493.	10.8	103
121	Degradation of sulfamethazine by persulfate activated with organo-montmorillonite supported nano-zero valent iron. Chemical Engineering Journal, 2019, 361, 99-108.	6.6	130
122	Decoding natural scenes based on sounds of objects within scenes using multivariate pattern analysis. Neuroscience Research, 2019, 148, 9-18.	1.0	2
123	The pathogenesis of thyroid autoimmune diseases: New T lymphocytes â€“ Cytokines circuits beyond the Th1â^'Th2 paradigm. Journal of Cellular Physiology, 2019, 234, 2204-2216.	2.0	83
124	Paraliobacillus zengyii sp. nov., a slightly halophilic and extremely halotolerant bacterium isolated from Tibetan antelope faeces. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1426-1432.	0.8	14
125	Cinacalcet attenuated bone loss via inhibiting parathyroid hormone-induced endothelial-to-adipocyte transition in chronic kidney disease rats. Annals of Translational Medicine, 2019, 7, 312-312.	0.7	5
126	Carbon-coated hollow CoO microporous nanospheres synthesized by CoF2 as the intermediates as anode materials for lithium-ion batteries. Ionics, 2018, 24, 1587-1594.	1.2	7

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127	All-in-one fiber for stretchable fiber-shaped tandem supercapacitors. Nano Energy, 2018, 45, 210-219.	8.2	161
128	Interfacial Engineered Polyaniline/Sulfur-Doped TiO₂ Nanotube Arrays for Ultralong Cycle Lifetime Fiber-Shaped, Solid-State Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 18390-18399.	4.0	56
129	Free-standing N-doped carbon nanofibers/carbon nanotubes hybrid film for flexible, robust half and full lithium-ion batteries. Chemical Engineering Journal, 2018, 334, 682-690.	6.6	50
130	Highly-wrinkled reduced graphene oxide-conductive polymer fibers for flexible fiber-shaped and interdigital-designed supercapacitors. Journal of Power Sources, 2018, 376, 117-124.	4.0	80
131	Single Janus iodine-doped rGO/rGO film with multi-responsive actuation and high capacitance for smart integrated electronics. Nano Energy, 2018, 53, 916-925.	8.2	51
132	All-climate aqueous fiber-shaped supercapacitors with record areal energy density and high safety. Nano Energy, 2018, 50, 106-117.	8.2	78
133	A porphyrin covalent organic framework cathode for flexible Znâ€“air batteries. Energy and Environmental Science, 2018, 11, 1723-1729.	15.6	298
134	Poly(3,4-ethylene-dioxythiophene)-poly(styrenesulfonate) glued and graphene encapsulated sulfur-carbon film for high-performance free-standing lithium-sulfur batteries. Journal of Power Sources, 2017, 342, 772-778.	4.0	22
135	Flexible three-dimensional electrodes of hollow carbon bead strings as graded sulfur reservoirs and the synergistic mechanism for lithiumâ€“sulfur batteries. Applied Surface Science, 2017, 413, 209-218.	3.1	38
136	Graphene oxide hydrogel as a restricted-area nanoreactor for synthesis of 3D graphene-supported ultrafine TiO₂ nanorod nanocomposites for high-rate lithium-ion battery anodes. Nanotechnology, 2017, 28, 305401.	1.3	6
137	Omnidirectional porous fiber scrolls of polyaniline nanopillars array-N-doped carbon nanofibers for fiber-shaped supercapacitors. Materials Today Energy, 2017, 5, 196-204.	2.5	29
138	Two dimethoxyphenylamine-substituted carbazole derivatives as hole-transporting materials for efficient inorganic-organic hybrid perovskite solar cells. Dyes and Pigments, 2017, 146, 589-595.	2.0	24
139	Porous <scp>CoF₂</scp> Spheres Synthesized by a Oneâ€Pot Solvothermal Method as High Capacity Cathode Materials for Lithiumâ€ion Batteries. Chinese Journal of Chemistry, 2017, 35, 48-54.	2.6	26
140	A luminescent 2D â†' 3D Cd complex via Ï€-Ï€* interaction based on bis(4-(1H-imidazol-1-yl)phenyl)amine and 1,3-dicarboxybenzene acid. Crystallography Reports, 2017, 62, 923-927.	0.1	2
141	A Fiber Supercapacitor with High Energy Density Based on Hollow Graphene/Conducting Polymer Fiber Electrode. Advanced Materials, 2016, 28, 3646-3652.	11.1	654
142	Gel-type polymer separator with higher thermal stability and effective overcharge protection of 4.2ÂV for secondary lithium-ion batteries. RSC Advances, 2016, 6, 52966-52973.	1.7	11
143	Functionalized carbon nanotubes and graphene-based materials for energy storage. Chemical Communications, 2016, 52, 14350-14360.	2.2	53
144	Preparation of MnO2/carbon nanowires composites for supercapacitors. Electrochimica Acta, 2016, 212, 710-721.	2.6	53

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145	A coaxial yarn electrode based on hierarchical MoS₂ nanosheets/carbon fiber tows for flexible solid-state supercapacitors. RSC Advances, 2016, 6, 57190-57198.	1.7	26
146	Twisted yarns for fiber-shaped supercapacitors based on wetspun PEDOT:PSS fibers from aqueous coagulation. Journal of Materials Chemistry A, 2016, 4, 11616-11624.	5.2	107
147	Multiscale sulfur particles confined in honeycomb-like graphene with the assistance of bio-based adhesive for ultrathin and robust free-standing electrode of Liâ€“S batteries with improved performance. RSC Advances, 2016, 6, 9320-9327.	1.7	20
148	Fiber-shaped solid-state supercapacitors based on molybdenum disulfide nanosheets for a self-powered photodetecting system. Nano Energy, 2016, 21, 228-237.	8.2	124
149	Synthesis of a porous sheet-like V₂O₅â€“CNT nanocomposite using an ice-templating â€˜bricks-and-mortarâ€™ assembly approach as a high-capacity, long cyclelife cathode material for lithium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 2729-2737.	5.2	52
150	Encapsulating V₂O₅ into carbon nanotubes enables the synthesis of flexible high-performance lithium ion batteries. Energy and Environmental Science, 2016, 9, 906-911.	15.6	162
151	In situ synthesized single-crystalline LiMn₂O₄ embedded in carbon nanotube films as free-standing cathodes for Li-ion batteries. RSC Advances, 2016, 6, 22061-22068.	1.7	5
152	Amorphous red phosphorous embedded in carbon nanotubes scaffold as promising anode materials for lithium-ion batteries. Journal of Power Sources, 2016, 301, 131-137.	4.0	86
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154	Porous carbon nanofibers formed in situ by electrospinning with a volatile solvent additive into an ice water bath for lithiumâ€“sulfur batteries. RSC Advances, 2015, 5, 23749-23757.	1.7	20
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