

Fuming Chen

List of Publications by Year in descending order

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166
papers

5,820
citations

81743

39
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98622

67
g-index

174
all docs

174
docs citations

174
times ranked

6122
citing authors

#	ARTICLE	IF	CITATIONS
1	The optimized flow-electrode capacitive deionization (FCDI) performance by ZIF-8 derived nanoporous carbon polyhedron. Separation and Purification Technology, 2022, 281, 119345.	3.9	30
2	Stable and efficient self-sustained photoelectrochemical desalination based on CdS QDs/BiVO ₄ heterostructure. Chemical Engineering Journal, 2022, 429, 132168.	6.6	18
3	Electrodeposition of a dendrite-free 3D Al anode for improving cycling of an aluminum-graphite battery. , 2022, 4, 155-169.		16
4	Self-anti-angiogenesis nanoparticles enhance anti-metastatic-tumor efficacy of chemotherapeutics. Bioactive Materials, 2022, 13, 179-190.	8.6	7
5	The progress and prospect of the solar-driven photoelectrochemical desalination. Renewable and Sustainable Energy Reviews, 2022, 155, 111864.	8.2	13
6	The improved photocurrent density of D35-cpdt and DN-F10 via co-sensitization process in dye-sensitized solar cells. Ionics, 2022, 28, 1461-1471.	1.2	2
7	Redox Flow Capacitive Deionization in a Mixed Electrode Solvent of Water and Ethanol. Journal of the Electrochemical Society, 2022, 169, 013501.	1.3	5
8	Finely crafted lanthanum vanadium oxide cathode as durable and flexible quasi-solid state zinc ion battery. Journal of Materials Science: Materials in Electronics, 2022, 33, 5635.	1.1	1
9	Synthesis of benzimidazole/triphenylamine-based compounds, evaluation of their bioactivities and an <i>in silico</i> study with receptor tyrosine kinases. New Journal of Chemistry, 2022, 46, 675-685.	1.4	4
10	Zeolitic Imidazolate Framework-Derived Co-Fe@NC for Rechargeable Hybrid Sodium-Air Battery with a Low Voltage Gap and Long Cycle Life. ACS Applied Energy Materials, 2022, 5, 1662-1671.	2.5	8
11	Highly enhanced photocatalytic property dominantly owing to the synergic effects of much negative E _{cb} and S-scheme heterojunctions in composite g-C ₃ N ₄ /Mo-doped WO ₃ . Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 642, 128682.	2.3	10
12	Surface reconstruction establishing Mott-Schottky heterojunction and built-in space-charging effect accelerating oxygen evolution reaction. Nano Research, 2022, 15, 2952-2960.	5.8	15
13	Co/Fe ₃ O ₄ nanoparticles embedded in N-doped hierarchical porous carbon derived from zeolitic imidazolate frameworks as efficient oxygen reduction electrocatalysts for zinc-air battery-based desalination. Journal of Materials Chemistry A, 2022, 10, 12213-12224.	5.2	12
14	Alantolactone-Loaded Pegylated Prodrug Nanocarriers for Synergistic Treatment of Cisplatin-Resistant Ovarian Cancer via Reactivating Mitochondrial Apoptotic Pathway. ACS Biomaterials Science and Engineering, 2022, 8, 2526-2536.	2.6	2
15	Photo-Assisted Rechargeable Battery Desalination. ACS Applied Materials & Interfaces, 2022, 14, 30907-30913.	4.0	6
16	High-Performance Photoelectrochemical Desalination Based on the Dye-Sensitized Bi ₂ O ₃ Anode. ACS Applied Materials & Interfaces, 2022, 14, 33024-33031.	4.0	7
17	Anionic defect-enriched ZnMn ₂ O ₄ nanorods with boosting pseudocapacitance for high-efficient and durable Li/Na storage. Chemical Engineering Journal, 2021, 406, 126133.	6.6	38
18	Biowaste-sustained MoSe ₂ composite as an efficient anode for sodium/potassium storage applications. Journal of Alloys and Compounds, 2021, 850, 156770.	2.8	29

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19	Biological mediated synthesis of RGO-ZnO composites with enhanced photocatalytic and antibacterial activity. <i>Journal of Hazardous Materials</i> , 2021, 409, 124661.	6.5	39
20	Redox flow desalination based on the temperature difference as a driving force. <i>Chemical Engineering Journal</i> , 2021, 416, 127716.	6.6	17
21	Iron-modulated nickel cobalt phosphide embedded in carbon to boost power density of hybrid sodium-air battery. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119786.	10.8	32
22	Analysis of the biodegradation performance and biofouling in a halophilic MBBR-MBR to improve the treatment of disinfected saline wastewater. <i>Chemosphere</i> , 2021, 269, 128716.	4.2	18
23	[Fe(CN) ₆] vacancy-boosting oxygen evolution activity of Co-based Prussian blue analogues for hybrid sodium-air battery. <i>Materials Today Energy</i> , 2021, 20, 100572.	2.5	17
24	Redox-catalysis flow electrode desalination in an organic solvent. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22254-22261.	5.2	18
25	A new core-shell scheme heterojunction structured La(OH) ₃ @In ₂ S ₃ composite with superior photocatalytic performance. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	5
26	Exceeding three-electron reactions in Na _{3+2x} Mn _{1+x} Ti _{1-x} (PO ₄) ₃ NASICON cathodes with high energy density for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10437-10446.	5.2	55
27	Citrate-based mussel-inspired magnesium whitlockite composite adhesives augmented bone-to-tendon healing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8202-8210.	2.9	8
28	Enhanced Desalination Performance of a Flow-Electrode Capacitive Deionization System by Adding Vanadium Redox Couples and Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 1234-1239.	1.5	22
29	Recent Progress in Binder-Free Electrodes Synthesis for Electrochemical Energy Storage Application. <i>Batteries and Supercaps</i> , 2021, 4, 860-880.	2.4	35
30	Simultaneous Determination of Methamphetamine and Its Isomer N-Isopropylbenzylamine in Forensic Samples by Using a Modified LC-ESI-MS/MS Method. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-9.	1.5	2
31	N-doped C@ZnSe as a low cost positive electrode for aluminum-ion batteries: Better electrochemical performance with high voltage platform of ~1.8 V and new reaction mechanism. <i>Electrochimica Acta</i> , 2021, 370, 137790.	2.6	50
32	High-Throughput Screening of Nitrogen-Coordinated Bimetal Catalysts for Multielectron Reduction of CO ₂ to CH ₄ with High Selectivity and Low Limiting Potential. <i>Journal of Physical Chemistry C</i> , 2021, 125, 7155-7165.	1.5	36
33	Preparation and study of photocatalytic performance of a novel Z-scheme heterostructured SnS ₂ /BaTiO ₃ composite. <i>Vacuum</i> , 2021, 186, 110052.	1.6	10
34	Recent progress and prospect of flow-electrode electrochemical desalination system. <i>Desalination</i> , 2021, 504, 114964.	4.0	33
35	Regulating Intrinsic Electronic Structures of Transition-Metal-Based Catalysts and the Potential Applications for Electrocatalytic Water Splitting. , 2021, 3, 752-780.		62
36	Achieving High-Quality Freshwater from a Self-Sustainable Integrated Solar Redox-Flow Desalination Device. <i>Small</i> , 2021, 17, e2100490.	5.2	24

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37	3D carbon nanocones/metallic MoS ₂ nanosheet electrodes towards flexible supercapacitors for wearable electronics. <i>Energy</i> , 2021, 227, 120419.	4.5	26
38	Defect-Rich Amorphous Iron-Based Oxide/Graphene Hybrid-Modified Separator toward the Efficient Capture and Catalysis of Polysulfides. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41698-41706.	4.0	17
39	MnO ₂ -Based Nanomotors with Active Fenton-like Mn ²⁺ Delivery for Enhanced Chemodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38050-38060.	4.0	77
40	Efficient elimination of the pollutants in eutrophicated water with carbon strengthened expanded graphite based photocatalysts: Unveiling the synergistic role of metal sites. <i>Journal of Hazardous Materials</i> , 2021, 416, 125729.	6.5	4
41	Efficient PEDOT Electrode Architecture for Continuous Redox-Flow Desalination. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12779-12787.	3.2	19
42	Structure Recovery and Recycling of Used LiCoO ₂ Cathode Material. <i>Chemistry - A European Journal</i> , 2021, 27, 14225-14233.	1.7	15
43	Highly Efficient White-Light Emission Triggered by Sb ³⁺ Dopant in Indium-Based Double Perovskites. <i>Advanced Photonics Research</i> , 2021, 2, 2100143.	1.7	15
44	Towards Dendrite-Free Potassium-Metal Batteries: Rational Design of a Multifunctional 3D Polyvinyl Alcohol-Borax Layer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25122-25127.	7.2	32
45	Metal Phosphides Embedded with In Situ-Formed Metal Phosphate Impurities as Buffer Materials for High-Performance Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2101413.	10.2	24
46	Towards Dendrite-Free Potassium-Metal Batteries: Rational Design of a Multifunctional 3D Polyvinyl Alcohol-Borax Layer. <i>Angewandte Chemie</i> , 2021, 133, 25326-25331.	1.6	4
47	Controllable Architecture of Mesoporous Double-Nanoshell SiO ₂ /TiO ₂ Hollow Tube Based on Layer by Layer Method. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-9.	1.5	0
48	Electrocatalytic desalination with CO ₂ reduction and O ₂ evolution. <i>Nanoscale</i> , 2021, 13, 12157-12163.	2.8	1
49	Enhanced Desalination Capacity and Stability of Alkylamine-Modified Na _{0.71} CoO ₂ for Capacitive Deionization. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1949-1957.	3.2	10
50	Photoreduction properties of novel Z-scheme structured Sr _{0.8} La _{0.2} (Ti ⁴⁺ Ti ³⁺)O ₃ /Bi ₂ S ₃ composites for the removal of Cr(VI). <i>RSC Advances</i> , 2021, 11, 14007-14016.		
51	A Review of Detection of Antibiotic Residues in Food by Surface-Enhanced Raman Spectroscopy. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-16.	1.8	10
52	Flexible one-dimensional Zn-based electrochemical energy storage devices: recent progress and future perspectives. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26573-26602.	5.2	7
53	Chronological Age Prediction: Developmental Evaluation of DNA Methylation-Based Machine Learning Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 819991.	2.0	11
54	Synthesis of bismuth sulfide nanobelts for high performance broadband photodetectors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2102-2108.	2.7	43

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55	Lamellar $V_5O_{12} \cdot 6H_2O$ Nanobelts Coupled with Inert $Zn(OH)_2 \cdot 0.5H_2O$ as Cathode for Aqueous Zn^{2+} /Nonaqueous Na^+ Storage Applications. <i>Energy Technology</i> , 2020, 8, 1901105.	1.8	12
56	The composite electrode of Bi@carbon-texture derived from metal-organic frameworks for aqueous chloride ion battery. <i>Ionics</i> , 2020, 26, 2395-2403.	1.2	23
57	Recovery Li/Co from spent $LiCoO_2$ electrode based on an aqueous dual-ion lithium-air battery. <i>Electrochimica Acta</i> , 2020, 332, 135529.	2.6	11
58	Organic pillars pre-intercalated $V_4^{+} \cdot V_2O_5 \cdot 3H_2O$ nanocomposites with enlarged interlayer and mixed valence for aqueous Zn-ion storage. <i>Applied Surface Science</i> , 2020, 534, 147608.	3.1	23
59	Physical Origin of Diminishing Photocatalytic Efficiency for Recycled TiO_2 Nanotubes and Ag-Loaded TiO_2 Nanotubes in Organic Aqueous Solution. <i>Catalysts</i> , 2020, 10, 737.	1.6	10
60	A robust and lithiophilic three-dimension framework of CoO nanorod arrays on carbon cloth for cycling-stable lithium metal anodes. <i>Materials Today Energy</i> , 2020, 18, 100520.	2.5	27
61	High-performance asymmetrical hybrid supercapacitor based on yolk-shell Ni ₃ P nanoparticles constructed by selective etching. <i>Electrochimica Acta</i> , 2020, 357, 136875.	2.6	19
62	Low energy consumption flow capacitive deionization with a combination of redox couples and carbon slurry. <i>Carbon</i> , 2020, 170, 487-492.	5.4	39
63	Heteroatomic Interface Engineering of MOF-Derived Metal-Embedded P- and N-Codoped Zn Node Porous Polyhedral Carbon with Enhanced Sodium-Ion Storage. <i>ACS Applied Energy Materials</i> , 2020, 3, 8892-8902.	2.5	20
64	Nitrogen-Doped Hard Carbon as Symmetric Electrodes for Sodium-Ion Capacitor. <i>Energy & Fuels</i> , 2020, 34, 13144-13148.	2.5	16
65	Control of Graphene Heteroatoms in a Microball Si@Graphene Composite Anode for High-Energy-Density Lithium-Ion Full Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18936-18946.	3.2	14
66	Continuous Electrochemical Desalination via a Viologen Redox Flow Reaction. <i>Journal of the Electrochemical Society</i> , 2020, 167, 083503.	1.3	20
67	Sb nanoparticle decorated rGO as a new anode material in aqueous chloride ion batteries. <i>Nanoscale</i> , 2020, 12, 12268-12274.	2.8	20
68	Zinc-Air Battery-Based Desalination Device. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25728-25735.	4.0	29
69	Facile synthesis of a dual-phase $CsPbBr_3$ $CsPb_2Br_5$ single crystal and its photoelectric performance. <i>RSC Advances</i> , 2020, 10, 20745-20752.	1.7	13
70	Symmetric Sodium-Ion Battery Based on Dual-Electron Reactions of NASICON-Structured $Na_3MnTi(PO_4)_3$ Material. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30328-30335.	4.0	65
71	Cucumber-Shaped Construction Combining Bismuth Nanoparticles with Carbon Nanofiber Networks as a Binder-Free and Freestanding Anode for Li-Ion Batteries. <i>Energy & Fuels</i> , 2020, 34, 8987-8992.	2.5	17
72	Photocathode-assisted redox flow desalination. <i>Green Chemistry</i> , 2020, 22, 4133-4139.	4.6	29

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73	Facile synthesis of core-shell structured Si@graphene balls as a high-performance anode for lithium-ion batteries. <i>Nanoscale</i> , 2020, 12, 9616-9627.	2.8	43
74	An aqueous rechargeable dual-ion hybrid battery based on Zn//LiTi ₂ (PO ₄) ₃ electrodes. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2448-2452.	2.5	5
75	Self-Sustained Visible-Light-Driven Electrochemical Redox Desalination. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32788-32796.	4.0	35
76	A Nitrogen-Doped Carbon Matrix Aiming at Inhibiting Polysulfide Shuttling for Lithium-Sulfur Batteries. <i>Energy & Fuels</i> , 2020, 34, 10188-10195.	2.5	22
77	Low energy consumption and mechanism study of redox flow desalination. <i>Chemical Engineering Journal</i> , 2020, 401, 126111.	6.6	75
78	Rechargeable Aqueous Zinc-Ion Batteries in MgSO ₄ /ZnSO ₄ Hybrid Electrolytes. <i>Nano-Micro Letters</i> , 2020, 12, 60.	14.4	60
79	Hierarchically Rambutan-Like Zn ₃ V ₃ O ₈ Hollow Spheres as Anodes for Lithium/Potassium-Ion Batteries. <i>Energy Technology</i> , 2020, 8, 2000010.	1.8	14
80	Phosphorus-doped porous hollow carbon nanorods for high-performance sodium-based dual-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4007-4016.	5.2	61
81	Continuous electrochemical deionization by utilizing the catalytic redox effect of environmentally friendly riboflavin-5'-phosphate sodium. <i>Materials Today Communications</i> , 2020, 23, 100921.	0.9	13
82	A first-principles study of fluoride saturation effect on the electronic transport properties of boron-doping armchair graphene nanoribbons. <i>Diamond and Related Materials</i> , 2020, 106, 107824.	1.8	12
83	Dual-Zinc Electrode Electrochemical Desalination. <i>ChemSusChem</i> , 2020, 13, 2792-2798.	3.6	26
84	Constructing volcanic-like mesoporous hard carbon with fast electrochemical kinetics for potassium-ion batteries and hybrid capacitors. <i>Applied Surface Science</i> , 2020, 525, 146563.	3.1	22
85	Li _{1.1} Na _{0.1} Mn _{0.534} Ni _{0.133} Co _{0.133} O ₂ as cathode with ameliorated electrochemical performance based on dual Li ⁺ /Na ⁺ electrolyte. <i>Ionics</i> , 2019, 25, 51-59.	1.2	16
86	Two-Dimensional Hybrid Composites of SnS ₂ Nanosheets Array Film with Graphene for Enhanced Photoelectric Performance. <i>Nanomaterials</i> , 2019, 9, 1122.	1.9	12
87	Exploration of a photo-redox desalination generator. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20169-20175.	5.2	32
88	An Aqueous Rechargeable Fluoride Ion Battery with Dual Fluoride Electrodes. <i>Journal of the Electrochemical Society</i> , 2019, 166, A2419-A2424.	1.3	19
89	Effective photodegradation of tetracycline by narrow-energy band gap photocatalysts La _{2-x} Sr _x NiMnO ₆ (x = 0, 0.05, 0.10, and 0.125). <i>Journal of Alloys and Compounds</i> , 2019, 806, 451-463.	2.8	23
90	Effects of active species on degrading A-ring of tetracycline in the Z-scheme heterostructured core-shell La(OH) ₃ @BaTiO ₃ composition. <i>Journal of Alloys and Compounds</i> , 2019, 804, 100-110.	2.8	23

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91	Plant Oil-Inspired 3D Flower-Like Zn ₃ V ₃ O ₈ Nanospheres Coupled with N-Doped Carbon as Anode Material for Li/Na-Ion Batteries. <i>Energy Technology</i> , 2019, 7, 1900754.	1.8	14
92	Mosaic Red Phosphorus/MoS ₂ Hybrid as an Anode to Boost Potassium-Ion Storage. <i>ChemElectroChem</i> , 2019, 6, 4689-4695.	1.7	15
93	Ultrathin nickel boride nanosheets anchored on functionalized carbon nanotubes as bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 764-774.	5.2	123
94	Scalable preparation of porous nano-silicon/TiN@carbon anode for lithium-ion batteries. <i>Applied Surface Science</i> , 2019, 498, 143829.	3.1	19
95	3D pollen-scaffolded NiSe composite encapsulated by MOF-derived carbon shell as a high-low temperature anode for Na-ion storage. <i>Composites Part B: Engineering</i> , 2019, 179, 107538.	5.9	37
96	Nanocatalyst-Assisted Fine Tailoring of Pore Structure in Holey-Graphene for Enhanced Performance in Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36560-36570.	4.0	15
97	Effect of mechanical forces on thermal stability reinforcement for lead based perovskite materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 540-548.	5.2	26
98	Porous nano-silicon/TiO ₂ /rGO@carbon architecture with 1000-cycling lifespan as superior durable anodes for lithium-ion batteries. <i>Ionics</i> , 2019, 25, 4675-4684.	1.2	4
99	Hierarchically 3D structured milled lamellar MoS ₂ /nano-silicon@carbon hybrid with medium capacity and long cycling sustainability as anodes for lithium-ion batteries. <i>Journal of Materials Science and Technology</i> , 2019, 35, 1840-1850.	5.6	14
100	Bifunctional nickel oxide-based nanosheets for highly efficient overall urea splitting. <i>Chemical Communications</i> , 2019, 55, 6555-6558.	2.2	53
101	Free-standing graphene paper for energy application: Progress and future scenarios. <i>Carbon</i> , 2019, 150, 292-310.	5.4	43
102	Continuous desalination with a metal-free redox-mediator. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13941-13947.	5.2	38
103	High energy density of all-screen-printable solid-state microsupercapacitors integrated by graphene/CNTs as hierarchical electrodes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12779-12789.	5.2	38
104	Nano-Si/C microsphere with hollow double spherical interlayer and submicron porous structure to enhance performance for lithium-ion battery anode. <i>Electrochimica Acta</i> , 2019, 312, 242-250.	2.6	55
105	Photocatalytic properties of a new Z-scheme system BaTiO ₃ /In ₂ S ₃ with a core-shell structure. <i>RSC Advances</i> , 2019, 9, 11377-11384.	1.7	41
106	High-Performance Photoresistors Based on Perovskite Thin Film with a High PbI ₂ Doping Level. <i>Nanomaterials</i> , 2019, 9, 505.	1.9	12
107	Synthesis and Electrochemical Research of Milled Antimony and Red Phosphorus Hybrid Inlaid with Graphene Sheets as Anodes for Lithium-Sodium Storage. <i>Energy Technology</i> , 2019, 7, 1801022.	1.8	7
108	Electrochemical Performance of Sb ₄ O ₅ Cl ₂ as a New Anode Material in Aqueous Chloride-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9144-9148.	4.0	44

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109	2D materials for 1D electrochemical energy storage devices. <i>Energy Storage Materials</i> , 2019, 19, 102-123.	9.5	71
110	Understanding the enhanced electrical properties of free-standing graphene paper: the synergistic effect of iodide adsorption into graphene. <i>RSC Advances</i> , 2019, 9, 33781-33788.	1.7	2
111	Determination of boron concentration in aqueous solutions based on conductivity measurement: a boron sensor based on conductivity measurement. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 1711-1716.	1.8	2
112	Cr ^{VI} /Zn Redox Battery with NiFe ₂ O ₄ as Catalyst for Enhanced Degradation of Cr(VI) Pollution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 111-116.	3.2	19
113	Si-based anode with hierarchical protective function and hollow ring-like carbon matrix for high performance lithium ion batteries. <i>Applied Surface Science</i> , 2019, 470, 496-506.	3.1	56
114	An organic flow desalination battery. <i>Energy Storage Materials</i> , 2019, 20, 203-207.	9.5	47
115	Cobalt Nanoparticles Confined in Carbon Cages Derived from Zeolitic Imidazolate Frameworks as Efficient Oxygen Electrocatalysts for Zinc-Air Batteries. <i>Batteries and Supercaps</i> , 2019, 2, 355-363.	2.4	16
116	Nano silicon embedded porous NiFe ₂ O ₄ floral microspheres with the improved performance of lithium storage. <i>Materials Letters</i> , 2019, 238, 70-73.	1.3	2
117	Low energy consumption dual-ion electrochemical deionization system using NaTi ₂ (PO ₄) ₃ -AgNPs electrodes. <i>Desalination</i> , 2019, 451, 241-247.	4.0	99
118	Aqueous rechargeable dual-ion battery based on fluoride ion and sodium ion electrochemistry. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8244-8250.	5.2	63
119	NaTi ₂ (PO ₄) ₃ -Ag electrodes based desalination battery and energy recovery. <i>FlatChem</i> , 2018, 8, 9-16.	2.8	56
120	Milled flake graphite/plasma nano-silicon@carbon composite with void sandwich structure for high performance as lithium ion battery anode at high temperature. <i>Carbon</i> , 2018, 130, 433-440.	5.4	114
121	Rod-like nitrogen-doped carbon hollow shells for enhanced capacitive deionization. <i>FlatChem</i> , 2018, 7, 10-17.	2.8	19
122	Metal-free bifunctional carbon electrocatalysts derived from zeolitic imidazolate frameworks for efficient water splitting. <i>Materials Chemistry Frontiers</i> , 2018, 2, 102-111.	3.2	57
123	Co ₃ O ₄ -NP embedded mesoporous carbon rod with enhanced electrocatalytic conversion in lithium-sulfur battery. <i>Scientific Reports</i> , 2018, 8, 16133.	1.6	20
124	Double-coated Si-based composite composed with carbon layer and graphene sheets with void spaces for lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 288, 134-143.	2.6	34
125	The electrochemical behaviors of NaF dual battery based on the hybrid electrodes of nano-bismuth@CNTs. <i>Materials Letters</i> , 2018, 233, 332-335.	1.3	8
126	Recent Advances in Materials and Design of Electrochemically Rechargeable Zinc-Air Batteries. <i>Small</i> , 2018, 14, e1801929.	5.2	192

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127	The influence of manganese ions doping on nanosheet assembly NiFe ₂ O ₄ for the removal of Congo red. <i>Journal of Alloys and Compounds</i> , 2018, 763, 771-780.	2.8	14
128	3D carbon foam-supported WS ₂ nanosheets for cable-shaped flexible sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10813-10824.	5.2	112
129	Preparation of a molecularly imprinted sensor based on quartz crystal microbalance for specific recognition of sialic acid in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4387-4395.	1.9	13
130	NanoRuO ₂ -Decorated Holey Graphene Composite Fibers for Micro-Supercapacitors with Ultrahigh Energy Density. <i>Small</i> , 2018, 14, e1800582.	5.2	113
131	Coupling desalination and energy storage with redox flow electrodes. <i>Nanoscale</i> , 2018, 10, 12308-12314.	2.8	70
132	A hierarchically porous nickel-copper phosphide nano-foam for efficient electrochemical splitting of water. <i>Nanoscale</i> , 2017, 9, 4401-4408.	2.8	110
133	Mediating effect of coping styles on the association between psychological capital and psychological distress among Chinese nurses: a cross-sectional study. <i>Journal of Psychiatric and Mental Health Nursing</i> , 2017, 24, 114-122.	1.2	61
134	An aqueous rechargeable chloride ion battery. <i>Energy Storage Materials</i> , 2017, 7, 189-194.	9.5	90
135	Boron detection and quantification based on the absorption spectra of pyridoxine and its boron complex. <i>Environmental Chemistry</i> , 2017, 14, 135.	0.7	2
136	A dual-ion electrochemistry deionization system based on AgCl-Na _{0.44} MnO ₂ electrodes. <i>Nanoscale</i> , 2017, 9, 10101-10108.	2.8	137
137	A Prussian blue anode for high performance electrochemical deionization promoted by the faradaic mechanism. <i>Nanoscale</i> , 2017, 9, 13305-13312.	2.8	165
138	Hydrogen evolution reaction activity of nickel phosphide is highly sensitive to electrolyte pH. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20390-20397.	5.2	98
139	Ultrahigh performance of a novel electrochemical deionization system based on a NaTi ₂ (PO ₄) ₃ /rGO nanocomposite. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18157-18165.	5.2	111
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