

Mao Jiang

List of Publications by Year in descending order

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159
papers

8,336
citations

53660

45
h-index

56606

83
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161
all docs

161
docs citations

161
times ranked

8449
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational design of Prussian blue analogues as conversion anodes for lithium-ion batteries with high capacity and long cycle life. <i>Journal of Alloys and Compounds</i> , 2022, 891, 161867.	2.8	22
2	Molybdenum oxide-iron, cobalt, copper alloy hybrid as efficient bifunctional catalyst for alkali water electrolysis. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1662-1672.	5.0	19
3	Simultaneous recovery of phosphate and degradation of antibiotics by waste sludge-derived biochar. <i>Chemosphere</i> , 2022, 291, 132832.	4.2	11
4	Synergistic Manipulation of Na ⁺ Flux and Surface-Preferred Effect Enabling High-Areal Capacity and Dendrite-Free Sodium Metal Battery. <i>Advanced Science</i> , 2022, 9, e2103845.	5.6	26
5	A specific esterase and pH logically regulate ES IPT: different kinds of granulocyte sorting. <i>Chemical Communications</i> , 2022, 58, 2894-2897.	2.2	5
6	State of charge estimation for liquid metal battery based on an improved sliding mode observer. <i>Journal of Energy Storage</i> , 2022, 45, 103701.	3.9	13
7	3D Spatial Combination of CN Vacancy-Mediated NiFe-PBA with N-Doped Carbon Nanofibers Network Toward Free-Standing Bifunctional Electrode for Zn-Air Batteries. <i>Advanced Science</i> , 2022, 9, e2105925.	5.6	40
8	Interstitial Water Improves Structural Stability of Iron Hexacyanoferrate for High-Performance Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12234-12242.	4.0	39
9	Lactylation-driven METTL3-mediated RNA m6A modification promotes immunosuppression of tumor-infiltrating myeloid cells. <i>Molecular Cell</i> , 2022, 82, 1660-1677.e10.	4.5	185
10	Impact of sulfhydryl ligands on the transformation of silver ions by molybdenum disulfide and their combined toxicity to freshwater algae. <i>Journal of Hazardous Materials</i> , 2022, 435, 128953.	6.5	5
11	Increasing the actual energy density of Sb-based liquid metal battery. <i>Journal of Power Sources</i> , 2022, 534, 231428.	4.0	26
12	Multi-field coupled model for liquid metal battery: Comparative analysis of various flow mechanisms and their effects on mass transfer and electrochemical performance. <i>Energy Reports</i> , 2022, 8, 5510-5521.	2.5	10
13	Mitigation Effects and Associated Mechanisms of Environmentally Relevant Thiols on the Phytotoxicity of Molybdenum Disulfide Nanosheets. <i>Environmental Science & Technology</i> , 2022, 56, 9556-9568.	4.6	9
14	CF ₄ Plasma-Generated Li ₂ C ₂ Artificial Layers for Dendrite-Free Lithium-Metal Anodes. <i>Advanced Science</i> , 2022, 9, .	5.6	37
15	A sodium liquid metal battery based on the multi-cationic electrolyte for grid energy storage. <i>Energy Storage Materials</i> , 2022, 50, 572-579.	9.5	35
16	Cu ₇ Te ₄ as an Anode Material and Zn Dendrite Inhibitor for Aqueous Zn-Ion Battery. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	30
17	Porous Copper Sulfide Microflowers Grown In-Situ on Commercial Copper Foils as Advanced Binder-Free Electrodes with High Rate and Long Cycle Life for Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2021, 8, 157-163.	1.7	6
18	Tuning microstructures of hard carbon for high capacity and rate sodium storage. <i>Chemical Engineering Journal</i> , 2021, 417, 128104.	6.6	30

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19	Green synthesis of boron and nitrogen co-doped TiO ₂ with rich B-N motifs as Lewis acid-base couples for the effective artificial CO ₂ photoreduction under simulated sunlight. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 95-107.	5.0	44
20	Establishment of a Risk Signature Based on m6A RNA Methylation Regulators That Predicts Poor Prognosis in Renal Cell Carcinoma. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 413-426.	1.0	5
21	Low-valence titanium oxides synthesized by electric field control as novel conversion anodes for high performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10458-10465.	5.2	8
22	Exosomal ANGPTL1 attenuates colorectal cancer liver metastasis by regulating Kupffer cell secretion pattern and impeding MMP9 induced vascular leakiness. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 21.	3.5	56
23	Activation and Monitoring of mtDNA Damage in Cancer Cells via the "Proton-Triggered" Decomposition of an Ultrathin Nanosheet. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3669-3678.	4.0	8
24	Observation of Structural Decomposition of Na ₃ V ₂ (PO ₄) ₃ and Na ₃ V ₂ (PO ₄) ₂ F ₃ as Cathodes for Aqueous Zn-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 2797-2807.	2.5	32
25	Prognostic Risk Model of Immune-Related Genes in Colorectal Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 619611.	1.1	12
26	Synergistic Effect between S and Se Enhancing the Electrochemical Behavior of Se _x S _y in Aqueous Zn Metal Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2101237.	7.8	44
27	A novel fusion model based online state of power estimation method for lithium-ion capacitor. <i>Journal of Energy Storage</i> , 2021, 36, 102387.	3.9	14
28	Ultrahigh Phosphorus Doping of Carbon for High-Rate Sodium Ion Batteries Anode. <i>Advanced Energy Materials</i> , 2021, 11, 2003911.	10.2	91
29	In situ coupling of NiFe nanoparticles with N-doped carbon nanofibers for Zn-air batteries driven water splitting. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119856.	10.8	60
30	Enhanced faradic activity by construction of p-n junction within reduced graphene oxide@cobalt nickel sulfide@nickel cobalt layered double hydroxide composite electrode for charge storage in hybrid supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 114-124.	5.0	53
31	Combining single-cell sequencing to identify key immune genes and construct the prognostic evaluation model for colon cancer patients. <i>Clinical and Translational Medicine</i> , 2021, 11, e465.	1.7	4
32	Photoinduced transformation of silver ion by molybdenum disulfide nanoflakes at environmentally relevant concentrations attenuates its toxicity to freshwater algae. <i>Journal of Hazardous Materials</i> , 2021, 416, 126043.	6.5	7
33	Crystal water assisting MoS ₂ nanoflowers for reversible zinc storage. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159599.	2.8	18
34	Revealing the phase evolution and lithium diffusion in the liquid Sn-Sb electrode. <i>Journal of Electroanalytical Chemistry</i> , 2021, , 115719.	1.9	2
35	Phosphorus-doped carbon sheets decorated with SeS ₂ as a cathode for aqueous Zn-SeS ₂ battery. <i>Chemical Engineering Journal</i> , 2021, 420, 129920.	6.6	30
36	Utilizing in situ alloying reaction to achieve the self-healing, high energy density and cost-effective Li Sb liquid metal battery. <i>Journal of Power Sources</i> , 2021, 514, 230578.	4.0	26

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37	An <i>in situ</i> self-assembled 3D zincophilic heterogeneous metal layer on a zinc metal surface for dendrite-free aqueous zinc-ion batteries. <i>Sustainable Energy and Fuels</i> , 2021, 5, 5843-5850.	2.5	10
38	Dual-factor Synergistically Activated ESIPT-based Probe: Differential Fluorescence Signals to Simultaneously Detect \pm -Naphthyl Acetate and Acid \pm -Naphthyl Acetate Esterase. <i>Analytical Chemistry</i> , 2021, 93, 14471-14480.	3.2	6
39	Electrochemically Activated Cu ₂ Te as an Ultraflat Discharge Plateau, Low Reaction Potential, and Stable Anode Material for Aqueous Zn-Ion Half and Full Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2102607.	10.2	37
40	Adsorption and fouling behaviors of customized nanocomposite membrane to trace pharmaceutically active compounds under multiple influent matrices. <i>Water Research</i> , 2021, 206, 117762.	5.3	11
41	Defect-Engineered Graphene Films as Ozonation Catalysts for the Devastation of Sulfamethoxazole: Insights into the Active Sites and Oxidation Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52706-52716.	4.0	6
42	Humulus scandens-Derived Biochars for the Effective Removal of Heavy Metal Ions: Isotherm/Kinetic Study, Column Adsorption and Mechanism Investigation. <i>Nanomaterials</i> , 2021, 11, 3255.	1.9	14
43	Thermal power characteristics of a liquid metal battery. <i>Energy Reports</i> , 2021, 7, 1221-1230.	2.5	5
44	A high energy efficiency and long life aqueous Zn-I ₂ battery. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3785-3794.	5.2	82
45	Enhanced Na ⁺ pseudocapacitance in a P, S co-doped carbon anode arising from the surface modification by sulfur and phosphorus with C-S-P coupling. <i>Journal of Materials Chemistry A</i> , 2020, 8, 422-432.	5.2	33
46	1,1-Diphenylvinylsulfide as a Functional Agent Derived from the Aggregation-Induced Quenching Molecule 1,1-Diphenylethene through Simple Thioetherification. <i>Angewandte Chemie</i> , 2020, 132, 2358-2363.	1.6	42
47	1,1-Diphenylvinylsulfide as a Functional Agent Derived from the Aggregation-Induced Quenching Molecule 1,1-Diphenylethene through Simple Thioetherification. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2338-2343.	7.2	67
48	A Low Cost Aqueous Zn-S Battery Realizing Ultrahigh Energy Density. <i>Advanced Science</i> , 2020, 7, 2000761.	5.6	86
49	Photo-Oxidative Degradation Mitigated the Developmental Toxicity of Polyamide Microplastics to Zebrafish Larvae by Modulating Macrophage-Triggered Proinflammatory Responses and Apoptosis. <i>Environmental Science & Technology</i> , 2020, 54, 13888-13898.	4.6	59
50	Electrochemical Properties and Kinetics of Asymmetric Sodium Benzene-1,2,4-tricarboxylate as an Anode Material for Sodium-Organic Batteries. <i>ChemElectroChem</i> , 2020, 7, 3517-3521.	1.7	6
51	Designing a slope-dominated hybrid nanostructure hard carbon anode for high-safety and high-capacity Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22613-22619.	5.2	15
52	Influence of Size and Phase on the Biodegradation, Excretion, and Phytotoxicity Persistence of Single-Layer Molybdenum Disulfide. <i>Environmental Science & Technology</i> , 2020, 54, 12295-12306.	4.6	32
53	An Autophagy-Related Long Noncoding RNA Signature Contributes to Poor Prognosis in Colorectal Cancer. <i>Journal of Oncology</i> , 2020, 2020, 1-13.	0.6	40
54	Investigation of alkali-ion (Li, Na and K) intercalation in manganese hexacyanoferrate K _x MnFe(CN) ₆ as cathode material. <i>Chemical Engineering Journal</i> , 2020, 396, 125269.	6.6	44

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55	Sulphur modulated Ni ₃ FeN supported on N/S co-doped graphene boosts rechargeable/flexible Zn-air battery performance. <i>Applied Catalysis B: Environmental</i> , 2020, 274, 119086.	10.8	73
56	Controllable electrolytic formation of Ti ₂ O as an efficient sulfur host in lithium–sulfur (Li–S) batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11224-11232.	5.2	32
57	An <i>in Situ</i> Prepared Covalent Sulfur–Carbon Composite Electrode for High-Performance Room-Temperature Sodium–Sulfur Batteries. <i>ACS Energy Letters</i> , 2020, 5, 1307-1315.	8.8	46
58	Investigation of the mechanism of metal–organic frameworks preventing polysulfide shuttling from the perspective of composition and structure. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6661-6669.	5.2	28
59	Structural and electrochemical characterization of LiMn ₂ O ₄ and Li _{1.05} Mn _{1.97} Nb _{0.03} O ₄ with excellent high-temperature cycling stability synthesized by a simple route. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 451-462.	1.5	3
60	Tailoring 2D Heteroatom–Doped Carbon Nanosheets with Dominated Pseudocapacitive Behaviors Enabling Fast and High–Performance Sodium Storage. <i>Advanced Functional Materials</i> , 2020, 30, 1909907.	7.8	93
61	The effect of Fe(III) cations in electrolyte on oxygen evolution catalytic activity of Ni(OH) ₂ electrode. <i>Journal of Colloid and Interface Science</i> , 2020, 569, 50-56.	5.0	21
62	A surface chemistry assistant strategy to high power/energy density and cost-effective cathode for sodium ion battery. <i>Journal of Power Sources</i> , 2020, 453, 227879.	4.0	17
63	Ni and nitrogen-codoped ultrathin carbon nanosheets with strong bonding sites for efficient CO ₂ electrochemical reduction. <i>Journal of Colloid and Interface Science</i> , 2020, 570, 31-40.	5.0	33
64	Surface-dominated storage of heteroatoms-doping hard carbon for sodium-ion batteries. <i>Energy Storage Materials</i> , 2020, 27, 43-50.	9.5	165
65	High–Performance Manganese Hexacyanoferrate with Cubic Structure as Superior Cathode Material for Sodium–Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1908754.	7.8	126
66	The insight into promoting sodium storage mechanism of δ -CrPO ₄ -type NaV ₃ (PO ₄) ₃ anode material for sodium-ion batteries. <i>Journal of Power Sources</i> , 2020, 463, 228194.	4.0	4
67	Novel dual-functional fluorescent sensors based on bis(5,6-dimethylbenzimidazole) derivatives for distinguishing of Ag ⁺ and Fe ³⁺ in semi-aqueous medium. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 632-641.	2.0	37
68	Ultrasonic-assisted synthesis of two dimensional BiOCl/MoS ₂ with tunable band gap and fast charge separation for enhanced photocatalytic performance under visible light. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 539-547.	5.0	75
69	Facile Tailoring of Multidimensional Nanostructured Sb for Sodium Storage Applications. <i>ACS Nano</i> , 2019, 13, 9533-9540.	7.3	62
70	Br doped porous bismuth oxychloride micro-sheets with rich oxygen vacancies and dominating {001} facets for enhanced nitrogen photo-fixation performances. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 111-119.	5.0	66
71	The feasibility of UF-RO integrated membrane system combined with coagulation/flocculation for hairwork dyeing effluent reclamation. <i>Science of the Total Environment</i> , 2019, 691, 45-54.	3.9	29
72	Hierarchical porous Fe/N doped carbon nanofibers as host materials for high sulfur loading Li–S batteries. <i>Nanoscale</i> , 2019, 11, 15156-15165.	2.8	29

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73	Palladium/Copper Alloy Hollow Nanocubes Supported on Sulfur-doped Graphene as Highly Efficient Catalyst for Ethylene Glycol Oxidation. <i>ChemistrySelect</i> , 2019, 4, 9716-9721.	0.7	2
74	Building High Performance Li-S Batteries by Compositing Nanosized Sulfur and Conductive Adsorbent within MWCNTs. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3401-A3408.	1.3	4
75	State of charge and model parameters estimation of liquid metal batteries based on adaptive unscented Kalman filter. <i>Energy Procedia</i> , 2019, 158, 4477-4482.	1.8	21
76	The Principle of Detect SO ₂ Concentration by Using the Electrochemical Method in Ionic Liquid. <i>Wuhan University Journal of Natural Sciences</i> , 2019, 24, 400-404.	0.2	0
77	Fish-scale-derived carbon dots as efficient fluorescent nanoprobe for detection of ferric ions. <i>RSC Advances</i> , 2019, 9, 940-949.	1.7	71
78	An Ultrastable Presodiated Titanium Disulfide Anode for Aqueous Rocking-Zinc Ion Battery. <i>Advanced Energy Materials</i> , 2019, 9, 1900993.	10.2	178
79	Advanced Li-organic batteries with super-high capacity and long cycle life via multiple redox reactions. <i>Chemical Engineering Journal</i> , 2019, 373, 501-507.	6.6	24
80	State of charge and online model parameters co-estimation for liquid metal batteries. <i>Applied Energy</i> , 2019, 250, 677-684.	5.1	35
81	Polydiaminoanthraquinones with tunable redox properties as high performance organic cathodes for K-ion batteries. <i>Chemical Communications</i> , 2019, 55, 6054-6057.	2.2	31
82	A high-performance carbon with sulfur doped between interlayers and its sodium storage mechanism as anode material for sodium ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 795, 223-232.	2.8	31
83	Experimental design and theoretical calculation for sulfur-doped carbon nanofibers as a high performance sodium-ion battery anode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10239-10245.	5.2	91
84	Bi-functional nitrogen-doped carbon protective layer on three-dimensional RGO/SnO ₂ composites with enhanced electron transport and structural stability for high-performance lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 81-90.	5.0	17
85	Selenium as Extra Binding Site for Sulfur Species in Sulfurized Polyacrylonitrile Cathodes for High Capacity Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , 2019, 6, 1365-1370.	1.7	22
86	Thermal Modulation of MOF and Its Application in Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46792-46799.	4.0	21
87	Ultrasensitive recognition of AP sites in DNA at the single-cell level: one molecular rotor sequentially self-regulated to form multiple different stable conformations. <i>Chemical Science</i> , 2019, 10, 10373-10380.	3.7	9
88	Preparation of TiO ₂ microspheres with tunable pore and chamber size for fast gaseous diffusion in photoreduction of CO ₂ under simulated sunlight. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 194-202.	5.0	29
89	Biomass derived nitrogen-doped hierarchical porous carbon sheets for supercapacitors with high performance. <i>Journal of Colloid and Interface Science</i> , 2018, 523, 133-143.	5.0	170
90	Wool fiber-derived nitrogen-doped porous carbon prepared from molten salt carbonization method for supercapacitor application. <i>Journal of Materials Science</i> , 2018, 53, 8372-8384.	1.7	61

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91	Lithium Sulfonate/Carboxylate-Anchored Polyvinyl Alcohol Separators for Lithium Sulfur Batteries. ACS Applied Materials & Interfaces, 2018, 10, 18310-18315.	4.0	32
92	Tellurium-tin based electrodes enabling liquid metal batteries for high specific energy storage applications. Energy Storage Materials, 2018, 14, 267-271.	9.5	52
93	Controllable Electrochemical Synthesis of Copper Sulfides as Sodium-Ion Battery Anodes with Superior Rate Capability and Ultralong Cycle Life. ACS Applied Materials & Interfaces, 2018, 10, 8016-8025.	4.0	73
94	A long-life aqueous Zn-ion battery based on Na ₃ V ₂ (PO ₄) ₂ F ₃ cathode. Energy Storage Materials, 2018, 15, 14-21.	9.5	402
95	A green and scalable route to yield porous carbon sheets from biomass for supercapacitors with high capacity. Journal of Materials Chemistry A, 2018, 6, 1244-1254.	5.2	360
96	Nano-embedded microstructured FeS ₂ @C as a high capacity and cycling-stable Na-storage anode in an optimized ether-based electrolyte. Journal of Materials Chemistry A, 2018, 6, 24425-24432.	5.2	42
97	TiS ₂ as an Advanced Conversion Electrode for Sodium-Ion Batteries with Ultra-High Capacity and Long-Cycle Life. Advanced Science, 2018, 5, 1801021.	5.6	101
98	Highly conjugated poly(<i>N</i> -heteroacene) nanofibers for reversible Na storage with ultra-high capacity and a long cycle life. Journal of Materials Chemistry A, 2018, 6, 18592-18598.	5.2	26
99	Numerical study on the thermal management system of a liquid metal battery module. Journal of Power Sources, 2018, 392, 181-192.	4.0	23
100	Disproportionate Coupling Reaction of Sodium Sulfinates Mediated by BF ₃ ·OEt ₂ : An Approach to Symmetrical/Unsymmetrical Thiosulfonates. Organic Letters, 2018, 20, 4754-4758.	2.4	75
101	Electrocatalysis of polysulfide conversion by conductive RuO ₂ nano dots for lithium-sulfur batteries. Nanoscale, 2018, 10, 16730-16737.	2.8	25
102	Self-Polymerized Disordered Carbon Enabling High Sodium Storage Performance through Expanded Interlayer Spacing by Bound Sulfur Atoms. ChemElectroChem, 2018, 5, 3206-3212.	1.7	5
103	A 3D coral-like structured NaVPO ₄ F/C constructed by a novel synthesis route as high-performance cathode material for sodium-ion battery. Chemical Engineering Journal, 2018, 353, 25-33.	6.6	32
104	N/S co-doped carbon coated nickel sulfide as a cycle-stable anode for high performance sodium-ion batteries. Journal of Alloys and Compounds, 2018, 754, 199-206.	2.8	22
105	Advanced Low-Cost, High-Voltage, Long-Life Aqueous Hybrid Sodium/Zinc Batteries Enabled by a Dendrite-Free Zinc Anode and Concentrated Electrolyte. ACS Applied Materials & Interfaces, 2018, 10, 22059-22066.	4.0	226
106	Glycol Derived Carbon- TiO ₂ as Low Cost and High Performance Anode Material for Sodium-Ion Batteries. Scientific Reports, 2017, 7, 43895.	1.6	42
107	Nickel sulfide nanospheres anchored on reduced graphene oxide in situ doped with sulfur as a high performance anode for sodium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 9322-9328.	5.2	78
108	Na ₃ V ₂ (PO ₄) ₃ /C synthesized by a facile solid-phase method assisted with agarose as a high-performance cathode for sodium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 10261-10268.	5.2	74

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109	Low-temperature sintering and electrical properties of Sr ₂ Nb ₂ O ₇ piezoceramics by CuO addition. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2397-2401.	1.9	16
110	Self-assembled structures of N -alkylated bisbenzimidazolyl naphthalene in aqueous media for highly sensitive detection of picric acid. <i>Analytica Chimica Acta</i> , 2017, 976, 74-83.	2.6	35
111	Electrospinning synthesis of Co ₃ O ₄ @C nanofibers as a high-performance anode for sodium ion batteries. <i>RSC Advances</i> , 2017, 7, 23122-23126.	1.7	22
112	A two-dimensional hybrid of SbO _x nanoplates encapsulated by carbon flakes as a high performance sodium storage anode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1160-1167.	5.2	47
113	Phosphorus-doped activated carbon as a promising additive for high performance lead carbon batteries. <i>RSC Advances</i> , 2017, 7, 4174-4178.	1.7	33
114	Highly Sensitive Fluorescence Molecular Switch for the Ratio Monitoring of Trace Change of Mitochondrial Membrane Potential. <i>Analytical Chemistry</i> , 2017, 89, 11514-11519.	3.2	23
115	MoS ₂ @rGO Nanoflakes as High Performance Anode Materials in Sodium Ion Batteries. <i>Scientific Reports</i> , 2017, 7, 7963.	1.6	53
116	Rational design of yolk-shell silicon dioxide@hollow carbon spheres as advanced Li-S cathode hosts. <i>Nanoscale</i> , 2017, 9, 14881-14887.	2.8	38
117	Copper(I)-Catalyzed Alkyl- and Arylsulfonylation of 3,4-dihalo-2(5H)-furanones (X=Br, Cl) with Sulfoxides under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2961-2971.	2.1	36
118	Poly(vinylidene fluoride)-based hybrid gel polymer electrolytes for additive-free lithium sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17889-17895.	5.2	91
119	Electrochemical Synthesis of Potassium Titanate Nanowires in Molten Salts with Good Li ⁺ -Intercalation Performance. <i>Journal of the Electrochemical Society</i> , 2017, 164, E580-E585.	1.3	5
120	Battery management system for Li-ion battery. <i>Journal of Engineering</i> , 2017, 2017, 1437-1440.	0.6	21
121	Liquid Metal Electrodes for Energy Storage Batteries. <i>Advanced Energy Materials</i> , 2016, 6, 1600483.	10.2	139
122	Layered SnS ₂ cross-linked by carbon nanotubes as a high performance anode for sodium ion batteries. <i>RSC Advances</i> , 2016, 6, 35197-35202.	1.7	36
123	High Performance Liquid Metal Battery with Environmentally Friendly Antimony-Tin Positive Electrode. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12830-12835.	4.0	92
124	Aberrant expression of Golgi protein 73 is indicative of a poor outcome in hepatocellular carcinoma. <i>Oncology Reports</i> , 2016, 35, 2141-2150.	1.2	16
125	Ultrasensitive fluorescent ratio imaging probe for the detection of glutathione ultratrace change in mitochondria of cancer cells. <i>Biosensors and Bioelectronics</i> , 2016, 85, 96-102.	5.3	37
126	Facile synthesis of an Fe ₃ O ₄ /FeO/Fe/C composite as a high-performance anode for lithium-ion batteries. <i>RSC Advances</i> , 2016, 6, 89715-89720.	1.7	20

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127	Plasmon resonance energy transfer and hot electron injection induced high photocurrent density in liquid junction Ag@Ag ₂ S sensitized solar cells. Dalton Transactions, 2016, 45, 16275-16282.	1.6	14
128	A polyimide/MWCNTs composite as high performance anode for aqueous Na-ion batteries. RSC Advances, 2016, 6, 53319-53323.	1.7	41
129	Carbon-coated Mo ₃ Sb ₇ composite as anode material for sodium ion batteries with long cycle life. Journal of Power Sources, 2016, 307, 173-180.	4.0	46
130	Controllable construction of 3D-skeleton-carbon coated Na ₃ V ₂ (PO ₄) ₃ for high-performance sodium ion battery cathode. Nano Energy, 2016, 20, 11-19.	8.2	128
131	The Electrochemical Synthesis of LiNbO ₂ in Molten Salts and its Application for Lithium Ion Batteries with High Rate Capability. Electrochimica Acta, 2016, 189, 231-236.	2.6	19
132	Thrombin-mediated ratiometric two-photon fluorescent probe for selective imaging of endogenous ultratrace glutathione in platelet. Biosensors and Bioelectronics, 2016, 78, 344-350.	5.3	28
133	GP73 N-glycosylation at Asn144 reduces hepatocellular carcinoma cell motility and invasiveness. Oncotarget, 2016, 7, 23530-23541.	0.8	20
134	Clusterin facilitates metastasis by EIF3I/Akt/MMP13 signaling in hepatocellular carcinoma. Oncotarget, 2015, 6, 2903-2916.	0.8	52
135	Fluorescent carbon quantum dots, capacitance and catalysis active porous carbon microspheres from beer. RSC Advances, 2015, 5, 48665-48674.	1.7	26
136	A sulfonated polyaniline with high density and high rate Na-storage performances as a flexible organic cathode for sodium ion batteries. Chemical Communications, 2015, 51, 14354-14356.	2.2	80
137	A significant cathodic shift in the onset potential and enhanced photoelectrochemical water splitting using Au nanoparticles decorated WO ₃ nanorod array. Journal of Colloid and Interface Science, 2015, 458, 194-199.	5.0	30
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