Jun Yan

List of Publications by Citations

192	21,347	55	145
papers	citations	h-index	g-index
202	24,034	9.5	7.13
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
192	Asymmetric Supercapacitors Based on Graphene/MnO2 and Activated Carbon Nanofiber Electrodes with High Power and Energy Density. *Advanced Functional Materials*, **2011**, 21, 2366-2375	15.6	1673
191	Advanced Asymmetric Supercapacitors Based on Ni(OH)2/Graphene and Porous Graphene Electrodes with High Energy Density. *Advanced Functional Materials*, **2012**, 22, 2632-2641	15.6	1668
190	Recent Advances in Design and Fabrication of Electrochemical Supercapacitors with High Energy Densities. *Advanced Energy Materials*, **2014**, 4, 1300816	21.8	1364
189	Fast and reversible surface redox reaction of graphene–MnO2 composites as supercapacitor electrodes. *Carbon*, **2010**, 48, 3825-3833	10.4	1169
188	A three-dimensional carbon nanotube/graphene sandwich and its application as electrode in supercapacitors. *Advanced Materials*, **2010**, 22, 3723-8	24	1092
187	Flexible MXene/Graphene Films for Ultrafast Supercapacitors with Outstanding Volumetric Capacitance. *Advanced Functional Materials*, **2017**, 27, 1701264	15.6	934
186	Preparation of a graphene nanosheet/polyaniline composite with high specific capacitance. *Carbon*, **2010**, 48, 487-493	10.4	911
185	Carbon materials for high volumetric performance supercapacitors: design, progress, challenges and opportunities. *Energy and Environmental Science*, **2016**, 9, 729-762	35.4	876
184	Facile synthesis of graphene nanosheets via Fe reduction of exfoliated graphite oxide. *ACS Nano*, **2011**, 5, 191-8	16.7	742
183	Three-dimensional flower-like and hierarchical porous carbon materials as high-rate performance electrodes for supercapacitors. *Carbon*, **2014**, 67, 119-127	10.4	516
182	Preparation of graphene nanosheet/carbon nanotube/polyaniline composite as electrode material for supercapacitors. *Journal of Power Sources*, **2010**, 195, 3041-3045	8.9	498
181	An environmentally friendly and efficient route for the reduction of graphene oxide by aluminum powder. *Carbon*, **2010**, 48, 1686-1689	10.4	492
180	Electrochemical properties of graphene nanosheet/carbon black composites as electrodes for supercapacitors. *Carbon*, **2010**, 48, 1731-1737	10.4	478
179	Rapid microwave-assisted synthesis of graphene nanosheet/Co3O4 composite for supercapacitors. *Electrochimica Acta*, **2010**, 55, 6973-6978	6.7	423
178	Template-assisted low temperature synthesis of functionalized graphene for ultrahigh volumetric performance supercapacitors. *ACS Nano*, **2014**, 8, 4720-9	16.7	360
177	High-performance supercapacitor electrodes based on highly corrugated graphene sheets. *Carbon*, **2012**, 50, 2179-2188	10.4	353
176	Carbon nanotube/MnO2 composites synthesized by microwave-assisted method for supercapacitors with high power and energy densities. *Journal of Power Sources*, **2009**, 194, 1202-1207	8.9	337

175	Nitrogen-Doped Carbon Networks for High Energy Density Supercapacitors Derived from Polyaniline Coated Bacterial Cellulose. *Advanced Functional Materials*, **2014**, 24, 3953-3961	15.6	313
174	Nanographene-constructed carbon nanofibers grown on graphene sheets by chemical vapor deposition: high-performance anode materials for lithium ion batteries. *ACS Nano*, **2011**, 5, 2787-94	16.7	249
173	Fabrication and electrochemical performances of hierarchical porous Ni(OH)2 nanoflakes anchored on graphene sheets. *Journal of Materials Chemistry*, **2012**, 22, 11494		240
172	Template-Directed Synthesis of Pillared-Porous Carbon Nanosheet Architectures: High-Performance Electrode Materials for Supercapacitors. *Advanced Energy Materials*, **2012**, 2, 419-424	21.8	229
171	Easy synthesis of porous graphene nanosheets and their use in supercapacitors. *Carbon*, **2012**, 50, 1699-1703	10.4	215
170	Interconnected Frameworks with a Sandwiched Porous Carbon Layer/Graphene Hybrids for Supercapacitors with High Gravimetric and Volumetric Performances. *Advanced Energy Materials*, **2014**, 4, 1400500	21.8	206
169	Ternary Transition Metal Sulfides Embedded in Graphene Nanosheets as Both the Anode and Cathode for High-Performance Asymmetric Supercapacitors. *Chemistry of Materials*, **2018**, 30, 1055-1068	9.6	190
168	Preparation of graphene nanosheet/alumina composites by spark plasma sintering. *Materials Research Bulletin*, **2011**, 46, 315-318	5.1	186
167	Two-dimensional mesoporous carbon sheet-like framework material for high-rate supercapacitors. *Carbon*, **2013**, 60, 481-487	10.4	176
166	Creating oxygen-vacancies in MoO3- nanobelts toward high volumetric energy-density asymmetric supercapacitors with long lifespan. *Nano Energy*, **2019**, 58, 455-465	17.1	166
165	Preparation of graphene nanosheet/polymer composites using in situ reduction extractive dispersion. *Carbon*, **2009**, 47, 2296-2299	10.4	161
164	Supercapacitors based on graphene-supported iron nanosheets as negative electrode materials. *ACS Nano*, **2013**, 7, 11325-32	16.7	160
163	Biomass-derived three-dimensional honeycomb-like hierarchical structured carbon for ultrahigh energy density asymmetric supercapacitors. *Journal of Materials Chemistry A*, **2016**, 4, 13589-13602	13	159
162	Template synthesis of hollow carbon spheres anchored on carbon nanotubes for high rate performance supercapacitors. *Carbon*, **2013**, 52, 209-218	10.4	151
161	MnO2 graphene hybrid as an alternative cathodic catalyst to platinum in microbial fuel cells. *Journal of Power Sources*, **2012**, 216, 187-191	8.9	132
160	MXene-derived TiO2/reduced graphene oxide composite with an enhanced capacitive capacity for Li-ion and K-ion batteries. *Journal of Materials Chemistry A*, **2019**, 7, 5363-5372	13	121
159	Mesoporous polyaniline film on ultra-thin graphene sheets for high performance supercapacitors. *Journal of Power Sources*, **2014**, 247, 197-203	8.9	118
158	Porous graphene networks as high performance anode materials for lithium ion batteries. *Carbon*, **2013**, 60, 558-561	10.4	117

157	Facile synthesis of carbon nanofibers-bridged porous carbon nanosheets for high-performance supercapacitors. *Journal of Power Sources*, **2016**, 307, 190-198	8.9	99
156	Nitrogen and Phosphorus Dual-Doped Multilayer Graphene as Universal Anode for Full Carbon-Based Lithium and Potassium Ion Capacitors. *Nano-Micro Letters*, **2019**, 11, 30	19.5	93
155	High-performance asymmetric supercapacitors with lithium intercalation reaction using metal oxide-based composites as electrode materials. *Journal of Materials Chemistry A*, **2014**, 2, 16678-16686	13	91
154	Highly sensitive surface-enhanced Raman spectroscopy (SERS) platforms based on silver nanostructures fabricated on polyaniline membrane surfaces. *ACS Applied Materials & Interfaces*, **2012**, 4, 2752-6	9.5	91
153	Porous nitrogen-doped carbon nanosheet on graphene as metal-free catalyst for oxygen reduction reaction in air-cathode microbial fuel cells. *Bioelectrochemistry*, **2014**, 95, 23-8	5.6	90
152	Three-dimensional hybrid materials of fish scale-like polyaniline nanosheet arrays on graphene oxide and carbon nanotube for high-performance ultracapacitors. *Carbon*, **2013**, 54, 241-248	10.4	90
151	The construction of self-supported thorny leaf-like nickel-cobalt bimetal phosphides as efficient bifunctional electrocatalysts for urea electrolysis. *Journal of Materials Chemistry A*, **2019**, 7, 9078-9085	13	89
150	A high-performance carbon derived from polyaniline for supercapacitors. *Electrochemistry Communications*, **2010**, 12, 1279-1282	5.1	83
149	Preparation and electrochemical properties of lamellar MnO2 for supercapacitors. *Materials Research Bulletin*, **2010**, 45, 210-215	5.1	82
148	Development of asymmetric supercapacitors with titanium carbide-reduced graphene oxide couples as electrodes. *Electrochimica Acta*, **2018**, 259, 752-761	6.7	71
147	Lithiophilic Three-Dimensional Porous TiCT-rGO Membrane as a Stable Scaffold for Safe Alkali Metal (Li or Na) Anodes. *ACS Nano*, **2019**, 13, 14319-14328	16.7	71
146	Facile Synthesis of Metal-Organic Framework-Derived CoSe Nanoparticles Embedded in the N-Doped Carbon Nanosheet Array and Application for Supercapacitors. *ACS Applied Materials & Interfaces*, **2020**, 12, 9365-9375	9.5	69
145	In situ grown 3D hierarchical MnCo2O4.5@Ni(OH)2 nanosheet arrays on Ni foam for efficient electrocatalytic urea oxidation. *Chemical Engineering Journal*, **2020**, 381, 122603	14.7	65
144	Ultrahigh energy density battery-type asymmetric supercapacitors: NiMoO4 nanorod-decorated graphene and graphene/Fe2O3 quantum dots. *Nano Research*, **2018**, 11, 4744-4758	10	63
143	Induction of Planar Sodium Growth on MXene (TiCT)-Modified Carbon Cloth Hosts for Flexible Sodium Metal Anodes. *ACS Nano*, **2020**, 14, 8744-8753	16.7	61
142	Porous Ni 2 P nanoflower supported on nickel foam as an efficient three-dimensional electrode for urea electro-oxidation in alkaline medium. *International Journal of Hydrogen Energy*, **2018**, 43, 9316-9325	6.7	61
141	Al and Co co-doped □Ni(OH)2/graphene hybrid materials with high electrochemical performances for supercapacitors. *Electrochimica Acta*, **2014**, 137, 352-358	6.7	60
140	Aggregation-Resistant 3D Ti3C2Tx MXene with Enhanced Kinetics for Potassium Ion Hybrid Capacitors. *Advanced Functional Materials*, **2020**, 30, 2005663	15.6	60

139	High-Capacity and Kinetically Accelerated Lithium Storage in MoO3 Enabled by Oxygen Vacancies and Heterostructure. *Advanced Energy Materials*, **2021**, 11, 2101712	21.8	60
138	A heterogeneous interface on NiS@Ni3S2/NiMoO4 heterostructures for efficient urea electrolysis. *Journal of Materials Chemistry A*, **2020**, 8, 18055-18063	13	57
137	Nitrogen-doped sandwich-like porous carbon nanosheets for high volumetric performance supercapacitors. *Electrochimica Acta*, **2014**, 146, 548-555	6.7	55
136	High-Energy-Density Aqueous Magnesium-Ion Battery Based on a Carbon-Coated FeVO Anode and a Mg-OMS-1 Cathode. *Chemistry - A European Journal*, **2017**, 23, 17118-17126	4.8	55
135	3D Porous Oxidation-Resistant MXene/Graphene Architectures Induced by In Situ Zinc Template toward High-Performance Supercapacitors. *Advanced Functional Materials*, **2021**, 31, 2101087	15.6	55
134	FeO nanospheres in situ decorated graphene as high-performance anode for asymmetric supercapacitor with impressive energy density. *Journal of Colloid and Interface Science*, **2019**, 536, 235-244	8.3	55
133	The synergy of a three filler combination in the conductivity of epoxy composites. *Materials Letters*, **2010**, 64, 2376-2379	3.3	54
132	Electrostatic self-assembly of MXene and edge-rich CoAl layered double hydroxide on molecular-scale with superhigh volumetric performances. *Journal of Energy Chemistry*, **2020**, 46, 105-113	12	54
131	Hierarchical NiCo2O4 nanowire array supported on Ni foam for efficient urea electrooxidation in alkaline medium. *Journal of Power Sources*, **2019**, 412, 265-271	8.9	53
130	2D Titanium Carbide/Reduced Graphene Oxide Heterostructures for Supercapacitor Applications. *Batteries and Supercaps*, **2018**, 1, 33-38	5.6	52
129	Self-Supported FeNi-P Nanosheets with Thin Amorphous Layers for Efficient Electrocatalytic Water Splitting. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 9640-9648	8.3	51
128	Rational design of NiCo2S4 nanowire arrays on nickle foam as highly efficient and durable electrocatalysts toward urea electrooxidation. *Chemical Engineering Journal*, **2019**, 359, 1652-1658	14.7	51
127	High-throughput fabrication of porous carbon by chemical foaming strategy for high performance supercapacitor. *Chemical Engineering Journal*, **2018**, 352, 459-468	14.7	50
126	One-step synthesis of biomass-derived porous carbon foam for high performance supercapacitors. *Materials Letters*, **2013**, 101, 29-32	3.3	46
125	Facile and rapid synthesis of highly crumpled graphene sheets as high-performance electrodes for supercapacitors. *RSC Advances*, **2013**, 3, 2566	3.7	45
124	High-performance aqueous asymmetric supercapacitor based on spinel LiMn2O4 and nitrogen-doped graphene/porous carbon composite. *Electrochimica Acta*, **2015**, 180, 287-294	6.7	43
123	A flexible and high voltage symmetric supercapacitor based on hybrid configuration of cobalt hexacyanoferrate/reduced graphene oxide hydrogels. *Chemical Engineering Journal*, **2018**, 335, 321-329	14.7	43
122	Anionic P-substitution toward ternary Ni□P nanoparticles immobilized graphene with ultrahigh rate and long cycle life for hybrid supercapacitors. *Journal of Materials Chemistry A*, **2019**, 7, 24374-24388	13	43

121	A highly efficient and durable water splitting system: platinum sub-nanocluster functionalized nickel–iron layered double hydroxide as the cathode and hierarchical nickel–iron selenide as the anode. *Journal of Materials Chemistry A*, **2019**, 7, 2831-2837	13	42
120	Preparation and electrochemical characteristics of manganese dioxide/graphite nanoplatelet composites. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2008**, 151, 174-178	3.1	42
119	NiS2/MoS2 mixed phases with abundant active edge sites induced by sulfidation and graphene introduction towards high-rate supercapacitors. *Chemical Engineering Journal*, **2021**, 406, 126713	14.7	42
118	Coralloidal carbon-encapsulated CoP nanoparticles generated on biomass carbon as a high-rate and stable electrode material for lithium-ion batteries. *Journal of Colloid and Interface Science*, **2018**, 530, 579-585	9.3	41
117	Two-Dimensional Titanium Carbide MXene as a Capacitor-Type Electrode for Rechargeable Aqueous Li-Ion and Na-Ion Capacitor Batteries. *ChemElectroChem*, **2017**, 4, 3018-3025	4.3	41
116	Oil sorption and recovery by using vertically aligned carbon nanotubes. *Carbon*, **2010**, 48, 4197-4200	10.4	41
115	The FeVO4·0.9H2O/Graphene composite as anode in aqueous magnesium ion battery. *Electrochimica Acta*, **2017**, 256, 357-364	6.7	40
114	MXene-Derived Defect-Rich TiO@rGO as High-Rate Anodes for Full Na Ion Batteries and Capacitors. *Nano-Micro Letters*, **2020**, 12, 128	19.5	40
113	Rational design of NiCo2S4 nanoparticles @ N-doped CNT for hybrid supercapacitor. *Applied Surface Science*, **2018**, 447, 165-172	6.7	40
112	A self-healing hydrogel electrolyte for flexible solid-state supercapacitors. *Chemical Engineering Journal*, **2020**, 401, 125456	14.7	40
111	Binder-Free Hierarchical Urchin-like Manganese–Cobalt Selenide with High Electrochemical Energy Storage Performance. *ACS Applied Energy Materials*, **2019**, 2, 3595-3604	6.1	39
110	NiFe2O4 nanocubes anchored on reduced graphene oxide cryogel to achieve a 1.8 V flexible solid-state symmetric supercapacitor. *Chemical Engineering Journal*, **2019**, 360, 171-179	14.7	39
109	Growing NiS2 nanosheets on porous carbon microtubes for hybrid sodium-ion capacitors. *Journal of Power Sources*, **2020**, 451, 227737	8.9	38
108	Structurally stable ultrathin 1T-2H MoS2 heterostructures coaxially aligned on carbon nanofibers toward superhigh-energy-density supercapacitor and enhanced electrocatalysis. *Chemical Engineering Journal*, **2020**, 399, 125672	14.7	34
107	Interconnected porous and nitrogen-doped carbon network for supercapacitors with high rate capability and energy density. *Electrochimica Acta*, **2013**, 114, 165-172	6.7	33
106	Densely stacked bubble-pillared graphene blocks for high volumetric performance supercapacitors. *Energy Storage Materials*, **2015**, 1, 42-50	19.4	33
105	Hollow CoMoSe nanosheet arrays derived from metal-organic framework for high-performance supercapacitors. *Journal of Power Sources*, **2021**, 490, 229532	8.9	33
104	Hierarchical Edge-Rich Nickel Phosphide Nanosheet Arrays as Efficient Electrocatalysts toward Hydrogen Evolution in Both Alkaline and Acidic Conditions. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 7804-7811	8.3	32

103	Template-directed assembly of urchin-like CoSx/Co-MOF as an efficient bifunctional electrocatalyst for overall water and urea electrolysis. *Inorganic Chemistry Frontiers*, **2020**, 7, 2602-2610	6.8	32
102	Polyaniline-modified porous carbon tube bundles composite for high-performance asymmetric supercapacitors. *Electrochimica Acta*, **2018**, 292, 458-467	6.7	31
101	Characteristics and electrochemical performances of supercapacitors using double-walled carbon nanotube/□MnO2 hybrid material electrodes. *Journal of Electroanalytical Chemistry*, **2011**, 659, 191-195	4.1	30
100	Preparation of multifunctional microchannel-network graphene foams. *Journal of Materials Chemistry A*, **2014**, 2, 16786-16792	13	27
99	Multi-walled carbon nanotubes as catalyst promoter for dimethyl ether synthesis from CO2 hydrogenation. *Applied Surface Science*, **2013**, 285, 945-951	6.7	26
98	Transforming Carnation-Shaped MOF-Ni to Ni□e Prussian Blue Analogue Derived Efficient Bifunctional Electrocatalyst for Urea Electrolysis. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 16037-16045	8.3	26
97	A general in-situ etching and synchronous heteroatom doping strategy to boost the capacitive performance of commercial carbon fiber cloth. *Chemical Engineering Journal*, **2018**, 335, 638-646	14.7	26
96	Hierarchical copper cobalt sulfides nanowire arrays for high-performance asymmetric supercapacitors. *Applied Surface Science*, **2019**, 487, 198-205	6.7	25
95	Three-dimensional biomass derived hard carbon with reconstructed surface as a free-standing anode for sodium-ion batteries. *Journal of Colloid and Interface Science*, **2020**, 561, 203-210	9.3	25
94	Freestanding 3D Polypyrrole@reduced graphene oxide hydrogels as binder-free electrode materials for flexible asymmetric supercapacitors. *Journal of Colloid and Interface Science*, **2019**, 536, 291-299	9.3	25
93	Organic 3D interconnected graphene aerogel as cathode materials for high-performance aqueous zinc ion battery. *Journal of Energy Chemistry*, **2020**, 45, 52-58	12	25
92	Porous and free-standing Ti3C2Tx-RGO film with ultrahigh gravimetric capacitance for supercapacitors. *Chinese Chemical Letters*, **2020**, 31, 1004-1008	8.1	25
91	Microwave-assisted synthesis of carbon dots modified graphene for full carbon-based potassium ion capacitors. *Carbon*, **2021**, 178, 1-9	10.4	24
90	In situ growth of Ni0□85Se on graphene as a robust electrocatalyst for hydrogen evolution reaction. *International Journal of Hydrogen Energy*, **2020**, 45, 10486-10493	6.7	24
89	Versatile Interfacial Self-Assembly of TiCT MXene Based Composites with Enhanced Kinetics for Superior Lithium and Sodium Storage. *ACS Nano*, **2021**,	16.7	23
88	Preparation of exfoliated graphite containing manganese oxides with high electrochemical capacitance by microwave irradiation. *Carbon*, **2009**, 47, 3371-3374	10.4	22
87	Preparation and characteristics of nanostructured MnO2/MWCNTs using microwave irradiation method. *Materials Letters*, **2008**, 62, 3345-3348	3.3	22
86	A novel calendula-like MnNb2O6 anchored on graphene sheet as high-performance intercalation pseudocapacitive anode for lithium-ion capacitors. *Journal of Materials Chemistry A*, **2019**, 7, 2855-2863	13	21

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84	Novel self-supported reduced graphene oxide foam-based CoAu electrode: An original anode catalyst for electrooxidation of borohydride in borohydride fuel cell. *Carbon*, **2019**, 152, 77-88	10.4	18
83	A Novel Anode for Direct Borohydride-Hydrogen Peroxide Fuel Cell: Au Nanoparticles Decorated 3D Self-Supported Reduced Graphene Oxide Foam. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 11129-11137	8.3	18
82	Arc-discharge production of high-quality fluorine-modified graphene as anode for Li-ion battery. *Chemical Engineering Journal*, **2020**, 392, 123668	14.7	18
81	Controllable one-pot synthesis of emerging Cu2Se nanowire freely standing on nickel foam for high electrochemical energy storage performance. *Applied Surface Science*, **2019**, 463, 82-90	6.7	17
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79	Nickel sulfide/graphene/carbon nanotube composites as electrode material for the supercapacitor application in the sea flashing signal system. *Journal of Marine Science and Application*, **2014**, 13, 462-466	1.2	17
78	Fast fabrication of homogeneous silver nanostructures on hydrazine treated polyaniline films for SERS applications. *CrystEngComm*, **2012**, 14, 4952	3.3	17
77	Self N-Doped Porous Interconnected Carbon Nanosheets Material for Supercapacitors. *Acta Chimica Sinica*, **2018**, 76, 107	3.3	17
76	A novel electrode of ternary CuNiPd nanoneedles decorated Ni foam and its catalytic activity toward NaBH4 electrooxidation. *Electrochimica Acta*, **2019**, 299, 395-404	6.7	17
75	Reduced graphene oxide foam supported CoNi nanosheets as an efficient anode catalyst for direct borohydride hydrogen peroxide fuel cell. *Applied Surface Science*, **2019**, 491, 659-669	6.7	16
74	Efficient bifunctional catalysts synthesized from three-dimensional Ni/Fe bimetallic organic frameworks for overall urea electrolysis. *Dalton Transactions*, **2020**, 49, 5646-5652	4.3	16
73	Porous MoC nanoparticle clusters supported on walnut shell powders derived carbon matrix for hydrogen evolution reaction. *Journal of Colloid and Interface Science*, **2020**, 563, 104-111	9.3	16
72	Design and construction of a three-dimensional electrode with biomass-derived carbon current collector and water-soluble binder for high-sulfur-loading lithium-sulfur batteries **2020**, 2, 635-645		15
71	Microspheres composed of multilayer graphene as anode material for lithium-ion batteries. *Journal of Electroanalytical Chemistry*, **2011**, 653, 45-49	4.1	15
70	Oxygen vacancies-enriched sub-7 nm cross-linked Bi2.88Fe5O12- nanoparticles anchored MXene for electrochemical energy storage with high volumetric performances. *Nano Energy*, **2020**, 78, 105360	17.1	15
69	Facile microwave-assisted synthesis of cobalt diselenide/reduced graphene oxide composite for high-performance supercapacitors. *Applied Surface Science*, **2021**, 543, 148811	6.7	15
68	Aqueous Calcium-Ion Battery Based on a Mesoporous Organic Anode and a Manganite Cathode with Long Cycling Performance. *ChemSusChem*, **2020**, 13, 3911	8.3	14

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66	Facile synthesis of MnO porous sphere with N-doped carbon coated layer for high performance lithium-ion capacitors. *Journal of Electroanalytical Chemistry*, **2019**, 852, 113515	4.1	14
65	3D Macroporous Oxidation-Resistant Ti3C2Tx MXene Hybrid Hydrogels for Enhanced Supercapacitive Performances with Ultralong Cycle Life. *Advanced Functional Materials*,2109479	15.6	14
64	The synthesis of 1 □1 magnesium octahedral molecular sieve with controllable size and shape for aqueous magnesium ion battery cathode material. *Journal of Electroanalytical Chemistry*, **2017**, 807, 37-44	4.1	13
63	A new catalyst for urea oxidation: NiCo2S4 nanowires modified 3D carbon sponge. *Journal of Energy Chemistry*, **2020**, 50, 195-205	12	13
62	Utilizing human hair for solid-state flexible fiber-based asymmetric supercapacitors. *Applied Surface Science*, **2020**, 508, 145260	6.7	13
61	Influence of potential range selection on the SnS@C/rGO anodes in potassium ion battery. *Applied Surface Science*, **2021**, 536, 147832	6.7	13
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59	A new perylene-based tetracarboxylate as anode and LiMn2O4 as cathode in aqueous Mg-Li batteries with excellent capacity. *Chemical Engineering Journal*, **2021**, 405, 126783	14.7	12
58	Preparation of organic poly material as anode in aqueous aluminum-ion battery. *Journal of Electroanalytical Chemistry*, **2020**, 861, 113967	4.1	11
57	Effect of graphene on the performance of nickel foam-based CoNi nanosheet anode catalyzed direct urea-hydrogen peroxide fuel cell. *International Journal of Hydrogen Energy*, **2020**, 45, 10569-10579	6.7	11
56	Nano-phosphorus supported on biomass carbon by gas deposition as negative electrode material for potassium ion batteries. *Electrochimica Acta*, **2020**, 362, 137153	6.7	10
55	In situ growth of ZIF67 at the edge of nanosheet transformed into yolk-shell CoSe2 for high efficiency urea electrolysis. *Journal of Power Sources*, **2021**, 491, 229592	8.9	10
54	Bio-derived hierarchically porous heteroatoms doped-carbon as anode for high performance potassium-ion batteries. *Journal of Electroanalytical Chemistry*, **2020**, 871, 114272	4.1	9
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52	Three-demensional Ni Co NiCo2O4/NF as an efficient electrode for hydrogen evolution reaction. *International Journal of Hydrogen Energy*, **2019**, 44, 226-232	6.7	9
51	Simultaneous hydrogen evolution and ethanol oxidation in alkaline medium via a self-supported bifunctional electrocatalyst of Ni-Fe phosphide/Ni foam. *Applied Surface Science*, **2021**, 561, 150080	6.7	9
50	Simultaneously boosting hydrogen production and ethanol upgrading using a highly-efficient hollow needle-like copper cobalt sulfide as a bifunctional electrocatalyst. *Journal of Colloid and Interface Science*, **2021**, 602, 325-333	9.3	9

49	Rational design of N-doped carbon coated NiNb2O6 hollow nanoparticles as anode for Li-ion capacitor. *Applied Surface Science*, **2020**, 532, 147436	6.7	8
48	Facile fabrication of F-doped biomass carbon as high-performance anode material for potassium-ion batteries. *Electrochimica Acta*, **2021**, 389, 138799	6.7	8
47	Hollow bimetallic selenide derived from a hierarchical MOF-based Prussian blue analogue for urea electrolysis. *Inorganic Chemistry Frontiers*, **2021**, 8, 2788-2797	6.8	8
46	Polydopamine-Modified Reduced Graphene Oxides as a Capable Electrode for High-Performance Supercapacitor. *ChemistrySelect*, **2019**, 4, 2711-2715	1.8	7
45	Iron-doped NiSe2 in-situ grown on graphene as an efficient electrocatalyst for oxygen evolution reaction. *Journal of Electroanalytical Chemistry*, **2020**, 866, 114134	4.1	7
44	Nickel cobalt oxide nanowires-modified hollow carbon tubular bundles for high-performance sodium-ion hybrid capacitors. *International Journal of Energy Research*, **2020**, 44, 3883-3892	4.5	7
43	One step synthesis of nanoparticles of cobalt in a graphitic shell anchored on graphene sheets. *Carbon*, **2012**, 50, 2356-2358	10.4	7
42	Effect of chemical modification of graphite nanoplatelets on electrochemical performance of MnO2 electrodes. *Journal of Materials Science: Materials in Electronics*, **2010**, 21, 619-624	2.1	7
41	Vertical Nickel–Iron layered double hydroxide nanosheets grown on hills-like nickel framework for efficient water oxidation and splitting. *International Journal of Hydrogen Energy*, **2020**, 45, 3986-3994	6.7	7
40	Rational design of Co-S-P nanosheet arrays as bifunctional electrocatalysts for both ethanol oxidation reaction and hydrogen evolution reaction. *Inorganic Chemistry Frontiers*, **2020**, 7, 4498-4506	6.8	7
39	The stable lithium metal cell with two-electrode biomass carbon. *Electrochimica Acta*, **2020**, 356, 136824	6.7	7
38	Construction of hollow structure cobalt iron selenide polyhedrons for efficient hydrogen evolution reaction. *International Journal of Energy Research*, **2020**, 44, 12045-12055	4.5	7
37	Sulfur-doped biomass carbon as anode for high temperature potassium ion full cells. *Electrochimica Acta*, **2021**, 374, 137920	6.7	7
36	N-rich biomass carbon derived from hemp as a full carbon-based potassium ion hybrid capacitor anode. *Applied Surface Science*, **2021**, 553, 149569	6.7	7
35	Three-demensional porous carbon framework coated with one-demensional nanostructured polyaniline nanowires composite for high-performance supercapacitors. *Applied Surface Science*, **2019**, 474, 147-153	6.7	7
34	Enhanced supercapacitor performance of bimetallic metal selenides via controllable synergistic engineering of composition. *Electrochimica Acta*, **2021**, 370, 137802	6.7	7
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