

# Jun Yan

## List of Publications by Year in Descending Order

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**Version:** 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192  
papers

21,347  
citations

55  
h-index

145  
g-index

202  
ext. papers

24,034  
ext. citations

9.5  
avg, IF

7.13  
L-index

#	Paper	IF	Citations
192	Ruthenium-nickel-cobalt alloy nanoparticles embedded in hollow carbon microtubes as a bifunctional mosaic catalyst for overall water splitting.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 612, 710-721	9.3	2
191	Ultrathin-Walled Bi S Nanoroll/MXene Composite toward High Capacity and Fast Lithium Storage.. <i>Small</i> , <b>2022</b> , e2106673	11	1
190	Construction of reduced graphene oxide coupled with CoSe-MoSe heterostructure for enhanced electrocatalytic hydrogen production. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 608, 922-930	9.3	3
189	Edge sites-driven accelerated kinetics in ultrafine Fe <sub>2</sub> O <sub>3</sub> nanocrystals anchored graphene for enhanced alkali metal ion storage. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 131204	14.7	0
188	Coupling of Ru nanoclusters decorated mixed-phase (1T and 2H) MoSe on biomass-derived carbon substrate for advanced hydrogen evolution reaction.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 617, 594-603	9.3	1
187	Free-Standing P-Doped NiSe <sub>2</sub> /MoSe <sub>2</sub> Catalyst for Efficient Hydrogen Evolution in Acidic and Alkaline Media. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2022</b> , 10, 279-287	8.3	3
186	VS <sub>4</sub> Nanorods Anchored Graphene Aerogel as a Conductive Agent-Free Electrode for High-Performance Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 567-574	6.1	0
185	Built-in electric field induced interfacial effect enables ultrasmall SnS nanoparticles with high-rate lithium/sodium storage. <i>Chemical Engineering Journal</i> , <b>2022</b> , 446, 137286	14.7	0
184	Cable-like polyimide@carbon nanotubes composite as a capable anode for lithium ion batteries. <i>Chemical Engineering Journal</i> , <b>2022</b> , 446, 137208	14.7	0
183	High efficiency N/C foam supported Pd electrode for direct sodium borohydride-hydrogen peroxide fuel cell. <i>Journal of Power Sources</i> , <b>2022</b> , 541, 231704	8.9	0
182	Water-in-salt electrolyte enabled active carbon  Mg-OMS-1 capacitor-batteries with high voltage and wide operating temperature. <i>Journal of Energy Storage</i> , <b>2021</b> , 47, 103560	7.8	0
181	Dendrite-free and anti-corrosion Zn metal anode enabled by an artificial layer for high-performance Zn ion capacitor. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	2
180	Tremella-like manganese dioxide complex (Fe,Ni) <sub>3</sub> S <sub>4</sub> hybrid catalyst for highly efficient oxygen evolution reaction. <i>Journal of Power Sources</i> , <b>2021</b> , 515, 230627	8.9	3
179	Facile microwave-assisted synthesis of cobalt diselenide/reduced graphene oxide composite for high-performance supercapacitors. <i>Applied Surface Science</i> , <b>2021</b> , 543, 148811	6.7	15
178	Synthesis and electrochemical performance of LiVO <sub>3</sub> anode materials for full vanadium-based lithium-ion batteries. <i>Journal of Energy Storage</i> , <b>2021</b> , 35, 102254	7.8	4
177	3D Porous Oxidation-Resistant MXene/Graphene Architectures Induced by In Situ Zinc Template toward High-Performance Supercapacitors. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101087	15.6	55
176	Sulfur-doped biomass carbon as anode for high temperature potassium ion full cells. <i>Electrochimica Acta</i> , <b>2021</b> , 374, 137920	6.7	7

175	Hollow CoMoSe nanosheet arrays derived from metal-organic framework for high-performance supercapacitors. <i>Journal of Power Sources</i> , <b>2021</b> , 490, 229532	8.9	33
174	In situ growth of ZIF67 at the edge of nanosheet transformed into yolk-shell CoSe <sub>2</sub> for high efficiency urea electrolysis. <i>Journal of Power Sources</i> , <b>2021</b> , 491, 229592	8.9	10
173	Hollow hexagonal NiSe <sub>3</sub> Se <sub>2</sub> anchored onto reduced graphene oxide as efficient electrocatalysts for hydrogen evolution in wide-pH range. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 20524-20533	6.7	3
172	Microwave-assisted synthesis of carbon dots modified graphene for full carbon-based potassium ion capacitors. <i>Carbon</i> , <b>2021</b> , 178, 1-9	10.4	24
171	Versatile Interfacial Self-Assembly of TiCT MXene Based Composites with Enhanced Kinetics for Superior Lithium and Sodium Storage. <i>ACS Nano</i> , <b>2021</b> ,	16.7	23
170	N-rich biomass carbon derived from hemp as a full carbon-based potassium ion hybrid capacitor anode. <i>Applied Surface Science</i> , <b>2021</b> , 553, 149569	6.7	7
169	NiS <sub>2</sub> /MoS <sub>2</sub> mixed phases with abundant active edge sites induced by sulfidation and graphene introduction towards high-rate supercapacitors. <i>Chemical Engineering Journal</i> , <b>2021</b> , 406, 126713	14.7	42
168	A new perylene-based tetracarboxylate as anode and LiMn <sub>2</sub> O <sub>4</sub> as cathode in aqueous Mg-Li batteries with excellent capacity. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 126783	14.7	12
167	Copper niobate nanowires immobilized on reduced graphene oxide nanosheets as rate capability anode for lithium ion capacitor. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 583, 652-660	9.3	4
166	Influence of potential range selection on the SnS@C/rGO anodes in potassium ion battery. <i>Applied Surface Science</i> , <b>2021</b> , 536, 147832	6.7	13
165	Enhanced supercapacitor performance of bimetallic metal selenides via controllable synergistic engineering of composition. <i>Electrochimica Acta</i> , <b>2021</b> , 370, 137802	6.7	7
164	High-Capacity and Kinetically Accelerated Lithium Storage in MoO <sub>3</sub> Enabled by Oxygen Vacancies and Heterostructure. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2101712	21.8	60
163	Facile fabrication of F-doped biomass carbon as high-performance anode material for potassium-ion batteries. <i>Electrochimica Acta</i> , <b>2021</b> , 389, 138799	6.7	8
162	Simultaneous hydrogen evolution and ethanol oxidation in alkaline medium via a self-supported bifunctional electrocatalyst of Ni-Fe phosphide/Ni foam. <i>Applied Surface Science</i> , <b>2021</b> , 561, 150080	6.7	9
161	Carbon Coated MoS <sub>2</sub> Hierarchical Microspheres Enabling Fast and Durable Potassium Ion Storage. <i>Applied Surface Science</i> , <b>2021</b> , 564, 150387	6.7	4
160	Iron molybdenum selenide supported on reduced graphene oxide as an efficient hydrogen electrocatalyst in acidic and alkaline media. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 602, 384-393	9.3	3
159	3D tremella-like nitrogen-doped carbon encapsulated few-layer MoS for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 601, 594-603	9.3	4
158	Vertically oriented Ni-doped MoS <sub>2</sub> nanosheets supported on hollow carbon microtubes for enhanced hydrogen evolution reaction and water splitting. <i>Composites Part B: Engineering</i> , <b>2021</b> , 224, 109229	10	7

157	Simultaneously boosting hydrogen production and ethanol upgrading using a highly-efficient hollow needle-like copper cobalt sulfide as a bifunctional electrocatalyst. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 602, 325-333	9.3	9
156	Binder-free ultrathin $\text{EMnSe}$ nanosheets for high performance supercapacitor. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 885, 161004	5.7	3
155	Hollow bimetallic selenide derived from a hierarchical MOF-based Prussian blue analogue for urea electrolysis. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 2788-2797	6.8	8
154	High-performance all-solid-state supercapacitor with binder-free binary transition metal sulfide array as cathode. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 5517-5526	4.5	5
153	Iron-doped $\text{NiSe}_2$ in-situ grown on graphene as an efficient electrocatalyst for oxygen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 866, 114134	4.1	7
152	Aqueous Calcium-Ion Battery Based on a Mesoporous Organic Anode and a Manganite Cathode with Long Cycling Performance. <i>ChemSusChem</i> , <b>2020</b> , 13, 3911	8.3	14
151	Structurally stable ultrathin 1T-2H $\text{MoS}_2$ heterostructures coaxially aligned on carbon nanofibers toward superhigh-energy-density supercapacitor and enhanced electrocatalysis. <i>Chemical Engineering Journal</i> , <b>2020</b> , 399, 125672	14.7	34
150	Bio-derived hierarchically porous heteroatoms doped-carbon as anode for high performance potassium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 871, 114272	4.1	9
149	Template-directed assembly of urchin-like $\text{CoS}_x/\text{Co-MOF}$ as an efficient bifunctional electrocatalyst for overall water and urea electrolysis. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 2602-2610	6.8	32
148	MXene-Derived Defect-Rich $\text{TiO}@r\text{GO}$ as High-Rate Anodes for Full Na Ion Batteries and Capacitors. <i>Nano-Micro Letters</i> , <b>2020</b> , 12, 128	19.5	40
147	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 <b>2020</b> , 2, 635-645		15
146	Efficient bifunctional catalysts synthesized from three-dimensional Ni/Fe bimetallic organic frameworks for overall urea electrolysis. <i>Dalton Transactions</i> , <b>2020</b> , 49, 5646-5652	4.3	16
145	Induction of Planar Sodium Growth on MXene (TiCT)-Modified Carbon Cloth Hosts for Flexible Sodium Metal Anodes. <i>ACS Nano</i> , <b>2020</b> , 14, 8744-8753	16.7	61
144	Preparation of organic poly material as anode in aqueous aluminum-ion battery. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 861, 113967	4.1	11
143	Growing $\text{NiS}_2$ nanosheets on porous carbon microtubes for hybrid sodium-ion capacitors. <i>Journal of Power Sources</i> , <b>2020</b> , 451, 227737	8.9	38
142	Janus-faced film with dual function of conductivity and pseudo-capacitance for flexible supercapacitors with ultrahigh energy density. <i>Chemical Engineering Journal</i> , <b>2020</b> , 388, 124197	14.7	14
141	Nickel cobalt oxide nanowires-modified hollow carbon tubular bundles for high-performance sodium-ion hybrid capacitors. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 3883-3892	4.5	7
140	Facile Synthesis of Metal-Organic Framework-Derived $\text{CoSe}$ Nanoparticles Embedded in the N-Doped Carbon Nanosheet Array and Application for Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 9365-9375	9.5	69

139	A self-healing hydrogel electrolyte for flexible solid-state supercapacitors. <i>Chemical Engineering Journal</i> , <b>2020</b> , 401, 125456	14.7	40
138	Electrostatic self-assembly of MXene and edge-rich CoAl layered double hydroxide on molecular-scale with superhigh volumetric performances. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 46, 105-113 <sup>12</sup>		54
137	One-pot synthesis of crossed Fe <sub>2</sub> O <sub>3</sub> nanosheets in-situ grown on Ni foam and the application for H <sub>2</sub> O <sub>2</sub> electrooxidation. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 817, 152770	5.7	3
136	A new catalyst for urea oxidation: NiCo <sub>2</sub> S <sub>4</sub> nanowires modified 3D carbon sponge. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 50, 195-205	12	13
135	Pd nanoparticles anchored to nano-peony CoMn <sub>2</sub> O <sub>4</sub> as an efficient catalyst for H <sub>2</sub> O <sub>2</sub> electroreduction. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 858, 113711	4.1	3
134	Porous MoC nanoparticle clusters supported on walnut shell powders derived carbon matrix for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 563, 104-111	9.3	16
133	Vertical Nickel/Iron layered double hydroxide nanosheets grown on hills-like nickel framework for efficient water oxidation and splitting. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 3986-3994	6.7	7
132	Arc-discharge production of high-quality fluorine-modified graphene as anode for Li-ion battery. <i>Chemical Engineering Journal</i> , <b>2020</b> , 392, 123668	14.7	18
131	Three-dimensional biomass derived hard carbon with reconstructed surface as a free-standing anode for sodium-ion batteries. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 561, 203-210	9.3	25
130	Utilizing human hair for solid-state flexible fiber-based asymmetric supercapacitors. <i>Applied Surface Science</i> , <b>2020</b> , 508, 145260	6.7	13
129	Oxygen vacancies-enriched sub-7 nm cross-linked Bi <sub>2.88</sub> Fe <sub>5</sub> O <sub>12</sub> - nanoparticles anchored MXene for electrochemical energy storage with high volumetric performances. <i>Nano Energy</i> , <b>2020</b> , 78, 105360	17.1	15
128	Transforming Carnation-Shaped MOF-Ni to NiFe Prussian Blue Analogue Derived Efficient Bifunctional Electrocatalyst for Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 16037-16045	8.3	26
127	Nano-phosphorus supported on biomass carbon by gas deposition as negative electrode material for potassium ion batteries. <i>Electrochimica Acta</i> , <b>2020</b> , 362, 137153	6.7	10
126	Rational design of Co-S-P nanosheet arrays as bifunctional electrocatalysts for both ethanol oxidation reaction and hydrogen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 4498-4506	6.8	7
125	A heterogeneous interface on NiS@Ni <sub>3</sub> S <sub>2</sub> /NiMoO <sub>4</sub> heterostructures for efficient urea electrolysis. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 18055-18063	13	57
124	The stable lithium metal cell with two-electrode biomass carbon. <i>Electrochimica Acta</i> , <b>2020</b> , 356, 1368246.7		7
123	Cobalt Oxide Grown on Biomass Carbon as a Three-Dimensional Self-Supporting Negative Electrode with High Area Specific Capacity. <i>ChemistrySelect</i> , <b>2020</b> , 5, 8998-9004	1.8	3
122	Rational design of N-doped carbon coated NiNb <sub>2</sub> O <sub>6</sub> hollow nanoparticles as anode for Li-ion capacitor. <i>Applied Surface Science</i> , <b>2020</b> , 532, 147436	6.7	8

121	Construction of hollow structure cobalt iron selenide polyhedrons for efficient hydrogen evolution reaction. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 12045-12055	4.5	7
120	Aggregation-Resistant 3D Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene with Enhanced Kinetics for Potassium Ion Hybrid Capacitors. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2005663	15.6	60
119	Effect of graphene on the performance of nickel foam-based CoNi nanosheet anode catalyzed direct urea-hydrogen peroxide fuel cell. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 10569-10579	6.7	11
118	In situ growth of NiO@B <sub>5</sub> Se on graphene as a robust electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 10486-10493	6.7	24
117	In situ grown 3D hierarchical MnCo <sub>2</sub> O <sub>4.5</sub> @Ni(OH) <sub>2</sub> nanosheet arrays on Ni foam for efficient electrocatalytic urea oxidation. <i>Chemical Engineering Journal</i> , <b>2020</b> , 381, 122603	14.7	65
116	Organic 3D interconnected graphene aerogel as cathode materials for high-performance aqueous zinc ion battery. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 45, 52-58	12	25
115	Porous and free-standing Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> -RGO film with ultrahigh gravimetric capacitance for supercapacitors. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 1004-1008	8.1	25
114	Silicon Nanoparticles Embedded in N-Doped Few-Layered Graphene: Facile Synthesis and Application as an Effective Anode for Lithium Ion Batteries. <i>ChemPlusChem</i> , <b>2019</b> , 84, 1519-1524	2.8	3
113	Creating oxygen-vacancies in MoO <sub>3</sub> -nanobelts toward high volumetric energy-density asymmetric supercapacitors with long lifespan. <i>Nano Energy</i> , <b>2019</b> , 58, 455-465	17.1	166
112	MXene-derived TiO <sub>2</sub> /reduced graphene oxide composite with an enhanced capacitive capacity for Li-ion and K-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 5363-5372	13	121
111	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. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 2831-2837	13	42
110	Reduced graphene oxide foam supported CoNi nanosheets as an efficient anode catalyst for direct borohydride hydrogen peroxide fuel cell. <i>Applied Surface Science</i> , <b>2019</b> , 491, 659-669	6.7	16
109	Novel self-supported reduced graphene oxide foam-based CoAu electrode: An original anode catalyst for electrooxidation of borohydride in borohydride fuel cell. <i>Carbon</i> , <b>2019</b> , 152, 77-88	10.4	18
108	A Novel Anode for Direct Borohydride-Hydrogen Peroxide Fuel Cell: Au Nanoparticles Decorated 3D Self-Supported Reduced Graphene Oxide Foam. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 11129-11137	8.3	18
107	Binder-Free Hierarchical Urchin-like Manganese-Cobalt Selenide with High Electrochemical Energy Storage Performance. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 3595-3604	6.1	39
106	Hierarchical copper cobalt sulfides nanowire arrays for high-performance asymmetric supercapacitors. <i>Applied Surface Science</i> , <b>2019</b> , 487, 198-205	6.7	25
105	Polydopamine-Modified Reduced Graphene Oxides as a Capable Electrode for High-Performance Supercapacitor. <i>ChemistrySelect</i> , <b>2019</b> , 4, 2711-2715	1.8	7
104	Hierarchical Edge-Rich Nickel Phosphide Nanosheet Arrays as Efficient Electrocatalysts toward Hydrogen Evolution in Both Alkaline and Acidic Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 7804-7811	8.3	32

103	The construction of self-supported thorny leaf-like nickel-cobalt bimetal phosphides as efficient bifunctional electrocatalysts for urea electrolysis. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 9078-9085	13	89
102	Nitrogen and Phosphorus Dual-Doped Multilayer Graphene as Universal Anode for Full Carbon-Based Lithium and Potassium Ion Capacitors. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 30	19.5	93
101	Controllable one-pot synthesis of emerging $\text{Cu}_2\text{Se}$ nanowire freely standing on nickel foam for high electrochemical energy storage performance. <i>Applied Surface Science</i> , <b>2019</b> , 463, 82-90	6.7	17
100	Polyaniline coated 3D crosslinked carbon nanosheets for high-energy-density supercapacitors. <i>Applied Surface Science</i> , <b>2019</b> , 493, 506-513	6.7	17
99	Self-supported cobalt-molybdenum oxide nanosheet clusters as efficient electrocatalysts for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 21220-21228	6.7	9
98	Facile synthesis of MnO porous sphere with N-doped carbon coated layer for high performance lithium-ion capacitors. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 852, 113515	4.1	14
97	A novel calendula-like $\text{MnNb}_2\text{O}_6$ anchored on graphene sheet as high-performance intercalation pseudocapacitive anode for lithium-ion capacitors. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 2855-2863	13	21
96	Lithiophilic Three-Dimensional Porous TiCT-rGO Membrane as a Stable Scaffold for Safe Alkali Metal (Li or Na) Anodes. <i>ACS Nano</i> , <b>2019</b> , 13, 14319-14328	16.7	71
95	Anionic P-substitution toward ternary $\text{Ni}_3\text{P}$ nanoparticles immobilized graphene with ultrahigh rate and long cycle life for hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 24374-24388	13	43
94	$\text{NiFe}_2\text{O}_4$ nanocubes anchored on reduced graphene oxide cryogel to achieve a 1.8 V flexible solid-state symmetric supercapacitor. <i>Chemical Engineering Journal</i> , <b>2019</b> , 360, 171-179	14.7	39
93	Hierarchical $\text{NiCo}_2\text{O}_4$ nanowire array supported on Ni foam for efficient urea electrooxidation in alkaline medium. <i>Journal of Power Sources</i> , <b>2019</b> , 412, 265-271	8.9	53
92	A novel electrode of ternary $\text{CuNiPd}$ nanoneedles decorated Ni foam and its catalytic activity toward $\text{NaBH}_4$ electrooxidation. <i>Electrochimica Acta</i> , <b>2019</b> , 299, 395-404	6.7	17
91	$\text{FeO}$ nanospheres in situ decorated graphene as high-performance anode for asymmetric supercapacitor with impressive energy density. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 536, 235-244	9.3	55
90	Freestanding 3D Polypyrrole@reduced graphene oxide hydrogels as binder-free electrode materials for flexible asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 536, 291-299	9.3	25
89	Rational design of $\text{NiCo}_2\text{S}_4$ nanowire arrays on nickel foam as highly efficient and durable electrocatalysts toward urea electrooxidation. <i>Chemical Engineering Journal</i> , <b>2019</b> , 359, 1652-1658	14.7	51
88	Three-dimensional Ni Co $\text{NiCo}_2\text{O}_4/\text{NF}$ as an efficient electrode for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 226-232	6.7	9
87	Three-dimensional porous carbon framework coated with one-dimensional nanostructured polyaniline nanowires composite for high-performance supercapacitors. <i>Applied Surface Science</i> , <b>2019</b> , 474, 147-153	6.7	7
86	Ultrahigh energy density battery-type asymmetric supercapacitors: $\text{NiMoO}_4$ nanorod-decorated graphene and graphene/ $\text{Fe}_2\text{O}_3$ quantum dots. <i>Nano Research</i> , <b>2018</b> , 11, 4744-4758	10	63

85	Ternary Transition Metal Sulfides Embedded in Graphene Nanosheets as Both the Anode and Cathode for High-Performance Asymmetric Supercapacitors. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 1055-1068	9.6	190
84	Porous Ni <sub>2</sub> P nanoflower supported on nickel foam as an efficient three-dimensional electrode for urea electro-oxidation in alkaline medium. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 9316-9325	6.7	61
83	2D Titanium Carbide/Reduced Graphene Oxide Heterostructures for Supercapacitor Applications. <i>Batteries and Supercaps</i> , <b>2018</b> , 1, 33-38	5.6	52
82	Rational design of NiCo <sub>2</sub> S <sub>4</sub> nanoparticles @ N-doped CNT for hybrid supercapacitor. <i>Applied Surface Science</i> , <b>2018</b> , 447, 165-172	6.7	40
81	Development of asymmetric supercapacitors with titanium carbide-reduced graphene oxide couples as electrodes. <i>Electrochimica Acta</i> , <b>2018</b> , 259, 752-761	6.7	71
80	A flexible and high voltage symmetric supercapacitor based on hybrid configuration of cobalt hexacyanoferrate/reduced graphene oxide hydrogels. <i>Chemical Engineering Journal</i> , <b>2018</b> , 335, 321-329	14.7	43
79	High-throughput fabrication of porous carbon by chemical foaming strategy for high performance supercapacitor. <i>Chemical Engineering Journal</i> , <b>2018</b> , 352, 459-468	14.7	50
78	Coralloidal carbon-encapsulated CoP nanoparticles generated on biomass carbon as a high-rate and stable electrode material for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 530, 579-585	9.3	41
77	Self-Supported FeNi-P Nanosheets with Thin Amorphous Layers for Efficient Electrocatalytic Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 9640-9648	8.3	51
76	Self-Templated Synthesis of Cuprous Oxide Nanofiber-Assembled Hollow Spheres for High-Performance Electrochemical Energy Storage. <i>ChemElectroChem</i> , <b>2018</b> , 5, 1724-1731	4.3	3
75	Self N-Doped Porous Interconnected Carbon Nanosheets Material for Supercapacitors. <i>Acta Chimica Sinica</i> , <b>2018</b> , 76, 107	3.3	17
74	A general in-situ etching and synchronous heteroatom doping strategy to boost the capacitive performance of commercial carbon fiber cloth. <i>Chemical Engineering Journal</i> , <b>2018</b> , 335, 638-646	14.7	26
73	Polyaniline-modified porous carbon tube bundles composite for high-performance asymmetric supercapacitors. <i>Electrochimica Acta</i> , <b>2018</b> , 292, 458-467	6.7	31
72	High-performance asymmetric supercapacitor assembled with three-dimensional, coadjacent graphene-like carbon nanosheets and its composite. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 823, 474-481	4.1	13
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66	Electrocatalytic Activity of MnO <sub>2</sub> Supported on Reduced Graphene Oxide Modified Ni Foam for H <sub>2</sub> O <sub>2</sub> Reduction. <i>Acta Chimica Sinica</i> , <b>2017</b> , 75, 1003	3.3	6
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64	Facile synthesis of carbon nanofibers-bridged porous carbon nanosheets for high-performance supercapacitors. <i>Journal of Power Sources</i> , <b>2016</b> , 307, 190-198	8.9	99
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61	High-performance aqueous asymmetric supercapacitor based on spinel LiMn <sub>2</sub> O <sub>4</sub> and nitrogen-doped graphene/porous carbon composite. <i>Electrochimica Acta</i> , <b>2015</b> , 180, 287-294	6.7	43
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59	Recent Advances in Design and Fabrication of Electrochemical Supercapacitors with High Energy Densities. <i>Advanced Energy Materials</i> , <b>2014</b> , 4, 1300816	21.8	1364
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51	Three-dimensional flower-like and hierarchical porous carbon materials as high-rate performance electrodes for supercapacitors. <i>Carbon</i> , <b>2014</b> , 67, 119-127	10.4	516
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47	Multi-walled carbon nanotubes as catalyst promoter for dimethyl ether synthesis from CO <sub>2</sub> hydrogenation. <i>Applied Surface Science</i> , <b>2013</b> , 285, 945-951	6.7 26
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44	One-step synthesis of biomass-derived porous carbon foam for high performance supercapacitors. <i>Materials Letters</i> , <b>2013</b> , 101, 29-32	3.3 46
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34	Fast fabrication of homogeneous silver nanostructures on hydrazine treated polyaniline films for SERS applications. <i>CrystEngComm</i> , <b>2012</b> , 14, 4952	3.3 17
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