

Jun Yan

List of Publications by Year in descending order

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202
papers

26,907
citations

13068

68
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5806

161
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all docs

202
docs citations

202
times ranked

22825
citing authors

#	ARTICLE	IF	CITATIONS
1	An Environmentally-Friendly High-Performance Aqueous Mg-Na Hybrid-Ion Battery Using an Organic Polymer Anode. Energy and Environmental Materials, 2023, 6, .	7.3	7
2	Lithiophilic Cu_2O matrix on a Cu Collector to Stabilize Lithium Deposition for Lithium Metal Batteries. Energy and Environmental Materials, 2022, 5, 1270-1277.	7.3	23
3	Edge sites-driven accelerated kinetics in ultrafine Fe_2O_3 nanocrystals anchored graphene for enhanced alkali metal ion storage. Chemical Engineering Journal, 2022, 428, 131204.	6.6	12
4	Construction of reduced graphene oxide coupled with $\text{CoSe}_2\text{-MoSe}_2$ heterostructure for enhanced electrocatalytic hydrogen production. Journal of Colloid and Interface Science, 2022, 608, 922-930.	5.0	26
5	3D Macroporous Oxidation-Resistant $\text{Ti}_3\text{C}_2\text{Tx}$ MXene Hybrid Hydrogels for Enhanced Supercapacitive Performances with Ultralong Cycle Life. Advanced Functional Materials, 2022, 32, 2109479.	7.8	74
6	Dendrite-free and anti-corrosion Zn metal anode enabled by an artificial layer for high-performance Zn ion capacitor. Chinese Chemical Letters, 2022, 33, 3936-3940.	4.8	27
7	Ruthenium-nickel-cobalt alloy nanoparticles embedded in hollow carbon microtubes as a bifunctional mosaic catalyst for overall water splitting. Journal of Colloid and Interface Science, 2022, 612, 710-721.	5.0	31
8	Ultrathin-Walled Bi_2S_3 Nanoroll/MXene Composite toward High Capacity and Fast Lithium Storage. Small, 2022, 18, e2106673.	5.2	24
9	Coupling of Ru nanoclusters decorated mixed-phase (1T and 2H) MoSe_2 on biomass-derived carbon substrate for advanced hydrogen evolution reaction. Journal of Colloid and Interface Science, 2022, 617, 594-603.	5.0	34
10	Free-Standing P-Doped $\text{NiSe}_2/\text{MoSe}_2$ Catalyst for Efficient Hydrogen Evolution in Acidic and Alkaline Media. ACS Sustainable Chemistry and Engineering, 2022, 10, 279-287.	3.2	44
11	VS_4 Nanorods Anchored Graphene Aerogel as a Conductive Agent-Free Electrode for High-Performance Lithium-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 567-574.	2.5	9
12	Ultra-fast, low-cost, and green regeneration of graphite anode using flash joule heating method. EcoMat, 2022, 4, .	6.8	19
13	Stable and dendrite-free Zn anode with artificial desolvation interface layer toward high-performance Zn-ion capacitor. Journal of Energy Chemistry, 2022, 72, 143-148.	7.1	31
14	MXene-modified conductive framework as a universal current collector for dendrite-free lithium and zinc metal anode. Journal of Colloid and Interface Science, 2022, 625, 700-710.	5.0	11
15	Built-in electric field induced interfacial effect enables ultrasmall SnS nanoparticles with high-rate lithium/sodium storage. Chemical Engineering Journal, 2022, 446, 137286.	6.6	3
16	Cable-like polyimide@carbon nanotubes composite as a capable anode for lithium ion batteries. Chemical Engineering Journal, 2022, 446, 137208.	6.6	23
17	High efficiency N/C foam supported Pd electrode for direct sodium borohydride-hydrogen peroxide fuel cell. Journal of Power Sources, 2022, 541, 231704.	4.0	6
18	Conjugated Polymer/Graphene composite as conductive Agent-Free electrode materials towards High-Performance lithium ion storage. Journal of Colloid and Interface Science, 2022, 626, 710-718.	5.0	3

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19	NiS ₂ /MoS ₂ mixed phases with abundant active edge sites induced by sulfidation and graphene introduction towards high-rate supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 406, 126713.	6.6	83
20	A new perylene-based tetracarboxylate as anode and LiMn ₂ O ₄ as cathode in aqueous Mg-Li batteries with excellent capacity. <i>Chemical Engineering Journal</i> , 2021, 405, 126783.	6.6	18
21	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> , 2021, 583, 652-660.	5.0	9
22	Influence of potential range selection on the SnS@C/rGO anodes in potassium ion battery. <i>Applied Surface Science</i> , 2021, 536, 147832.	3.1	24
23	Enhanced supercapacitor performance of bimetallic metal selenides via controllable synergistic engineering of composition. <i>Electrochimica Acta</i> , 2021, 370, 137802.	2.6	22
24	Facile microwave-assisted synthesis of cobalt diselenide/reduced graphene oxide composite for high-performance supercapacitors. <i>Applied Surface Science</i> , 2021, 543, 148811.	3.1	33
25	Synthesis and electrochemical performance of LiVO ₃ anode materials for full vanadium-based lithium-ion batteries. <i>Journal of Energy Storage</i> , 2021, 35, 102254.	3.9	14
26	3D Porous Oxidation-Resistant MXene/Graphene Architectures Induced by In Situ Zinc Template toward High-Performance Supercapacitors. <i>Advanced Functional Materials</i> , 2021, 31, 2101087.	7.8	154
27	Sulfur-doped biomass carbon as anode for high temperature potassium ion full cells. <i>Electrochimica Acta</i> , 2021, 374, 137920.	2.6	20
28	Hollow Co-Mo-Se nanosheet arrays derived from metal-organic framework for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2021, 490, 229532.	4.0	79
29	In situ growth of ZIF67 at the edge of nanosheet transformed into yolk-shell CoSe ₂ for high efficiency urea electrolysis. <i>Journal of Power Sources</i> , 2021, 491, 229592.	4.0	33
30	Hollow hexagonal NiSe-Ni ₃ Se ₂ anchored onto reduced graphene oxide as efficient electrocatalysts for hydrogen evolution in wide-pH range. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 20524-20533.	3.8	11
31	Microwave-assisted synthesis of carbon dots modified graphene for full carbon-based potassium ion capacitors. <i>Carbon</i> , 2021, 178, 1-9.	5.4	42
32	Versatile Interfacial Self-Assembly of Ti ₃ C ₂ T _x MXene Based Composites with Enhanced Kinetics for Superior Lithium and Sodium Storage. <i>ACS Nano</i> , 2021, 15, 12140-12150.	7.3	70
33	N-rich biomass carbon derived from hemp as a full carbon-based potassium ion hybrid capacitor anode. <i>Applied Surface Science</i> , 2021, 553, 149569.	3.1	25
34	High-Capacity and Kinetically Accelerated Lithium Storage in MoO ₃ Enabled by Oxygen Vacancies and Heterostructure. <i>Advanced Energy Materials</i> , 2021, 11, 2101712.	10.2	184
35	Facile fabrication of F-doped biomass carbon as high-performance anode material for potassium-ion batteries. <i>Electrochimica Acta</i> , 2021, 389, 138799.	2.6	24
36	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> , 2021, 561, 150080.	3.1	27

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37	Carbon Coated MoS ₂ Hierarchical Microspheres Enabling Fast and Durable Potassium Ion Storage. <i>Applied Surface Science</i> , 2021, 564, 150387.	3.1	17
38	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> , 2021, 602, 384-393.	5.0	12
39	3D tremella-like nitrogen-doped carbon encapsulated few-layer MoS ₂ for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 594-603.	5.0	19
40	Vertically oriented Ni-doped MoS ₂ nanosheets supported on hollow carbon microtubes for enhanced hydrogen evolution reaction and water splitting. <i>Composites Part B: Engineering</i> , 2021, 224, 109229.	5.9	35
41	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> , 2021, 602, 325-333.	5.0	63
42	Binder-free ultrathin $\text{I}^{\pm}\text{-MnSe}$ nanosheets for high performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021, 885, 161004.	2.8	17
43	Hollow bimetallic selenide derived from a hierarchical MOF-based Prussian blue analogue for urea electrolysis. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2788-2797.	3.0	34
44	High-performance all-solid-state supercapacitor with binder-free binary transition metal sulfide array as cathode. <i>International Journal of Energy Research</i> , 2021, 45, 5517-5526.	2.2	18
45	Tremella-like manganese dioxide complex (Fe,Ni) ₃ S ₄ hybrid catalyst for highly efficient oxygen evolution reaction. <i>Journal of Power Sources</i> , 2021, 515, 230627.	4.0	17
46	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> , 2021, 47, 103560.	3.9	2
47	Porous Carbon Tubes Constructing Freestanding Flexible Electrodes for Symmetric Potassium-Ion Hybrid Capacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 13593-13604.	2.5	8
48	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> , 2020, 45, 10569-10579.	3.8	29
49	In situ growth of NiO ₈₅ Se on graphene as a robust electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 10486-10493.	3.8	41
50	In situ grown 3D hierarchical MnCo ₂ O _{4.5} @Ni(OH) ₂ nanosheet arrays on Ni foam for efficient electrocatalytic urea oxidation. <i>Chemical Engineering Journal</i> , 2020, 381, 122603.	6.6	117
51	Organic 3D interconnected graphene aerogel as cathode materials for high-performance aqueous zinc ion battery. <i>Journal of Energy Chemistry</i> , 2020, 45, 52-58.	7.1	37
52	Porous and free-standing Ti ₃ C ₂ T _x -RGO film with ultrahigh gravimetric capacitance for supercapacitors. <i>Chinese Chemical Letters</i> , 2020, 31, 1004-1008.	4.8	41
53	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> , 2020, 46, 105-113.	7.1	97
54	One-pot synthesis of crossed Fe ₂ O ₃ nanosheets in-situ grown on Ni foam and the application for H ₂ O ₂ electrooxidation. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152770.	2.8	7

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55	A new catalyst for urea oxidation: NiCo ₂ S ₄ nanowires modified 3D carbon sponge. <i>Journal of Energy Chemistry</i> , 2020, 50, 195-205.	7.1	34
56	Pd nanoparticles anchored to nano-peony CoMn ₂ O ₄ as an efficient catalyst for H ₂ O ₂ electroreduction. <i>Journal of Electroanalytical Chemistry</i> , 2020, 858, 113711.	1.9	11
57	Porous γ -Mo ₂ C nanoparticle clusters supported on walnut shell powders derived carbon matrix for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 563, 104-111.	5.0	28
58	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> , 2020, 45, 3986-3994.	3.8	13
59	Arc-discharge production of high-quality fluorine-modified graphene as anode for Li-ion battery. <i>Chemical Engineering Journal</i> , 2020, 392, 123668.	6.6	25
60	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> , 2020, 561, 203-210.	5.0	47
61	Utilizing human hair for solid-state flexible fiber-based asymmetric supercapacitors. <i>Applied Surface Science</i> , 2020, 508, 145260.	3.1	21
62	Oxygen vacancies-enriched sub-7 nm cross-linked Bi _{2.88} Fe ₅ O ₁₂ - nanoparticles anchored MXene for electrochemical energy storage with high volumetric performances. <i>Nano Energy</i> , 2020, 78, 105360.	8.2	27
63	Transforming Carnation-Shaped MOF-Ni to Ni-Fe Prussian Blue Analogue Derived Efficient Bifunctional Electrocatalyst for Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16037-16045.	3.2	65
64	Nano-phosphorus supported on biomass carbon by gas deposition as negative electrode material for potassium ion batteries. <i>Electrochimica Acta</i> , 2020, 362, 137153.	2.6	16
65	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> , 2020, 7, 4498-4506.	3.0	20
66	A heterogeneous interface on NiS@Ni ₃ S ₂ /NiMoO ₄ heterostructures for efficient urea electrolysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18055-18063.	5.2	134
67	The stable lithium metal cell with two-electrode biomass carbon. <i>Electrochimica Acta</i> , 2020, 356, 136824.	2.6	11
68	Cobalt Oxide Grown on Biomass Carbon as a Three-Dimensional Self-Supporting Negative Electrode with High Area Specific Capacity. <i>ChemistrySelect</i> , 2020, 5, 8998-9004.	0.7	5
69	Rational design of N-doped carbon coated NiNb ₂ O ₆ hollow nanoparticles as anode for Li-ion capacitor. <i>Applied Surface Science</i> , 2020, 532, 147436.	3.1	18
70	Construction of hollow structure cobalt iron selenide polyhedrons for efficient hydrogen evolution reaction. <i>International Journal of Energy Research</i> , 2020, 44, 12045-12055.	2.2	15
71	Aggregation-Resistant 3D Ti ₃ C ₂ T _x MXene with Enhanced Kinetics for Potassium Ion Hybrid Capacitors. <i>Advanced Functional Materials</i> , 2020, 30, 2005663.	7.8	117
72	Iron-doped NiSe ₂ in-situ grown on graphene as an efficient electrocatalyst for oxygen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , 2020, 866, 114134.	1.9	19

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73	Aqueous Calcium-ion Battery Based on a Mesoporous Organic Anode and a Manganite Cathode with Long Cycling Performance. <i>ChemSusChem</i> , 2020, 13, 3911-3918.	3.6	30
74	Structurally stable ultrathin 1T-2H MoS ₂ heterostructures coaxially aligned on carbon nanofibers toward superhigh-energy-density supercapacitor and enhanced electrocatalysis. <i>Chemical Engineering Journal</i> , 2020, 399, 125672.	6.6	63
75	Bio-derived hierarchically porous heteroatoms doped carbon as anode for high performance potassium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020, 871, 114272.	1.9	19
76	Template-directed assembly of urchin-like CoS _x /Co-MOF as an efficient bifunctional electrocatalyst for overall water and urea electrolysis. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2602-2610.	3.0	75
77	MXene-Derived Defect-Rich TiO ₂ @rGO as High-Rate Anodes for Full Na Ion Batteries and Capacitors. <i>Nano-Micro Letters</i> , 2020, 12, 128.	14.4	93
78	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.		27
79	Efficient bifunctional catalysts synthesized from three-dimensional Ni/Fe bimetallic organic frameworks for overall urea electrolysis. <i>Dalton Transactions</i> , 2020, 49, 5646-5652.	1.6	36
80	Induction of Planar Sodium Growth on MXene (Ti ₃ C ₂ T _x)-Modified Carbon Cloth Hosts for Flexible Sodium Metal Anodes. <i>ACS Nano</i> , 2020, 14, 8744-8753.	7.3	125
81	Preparation of organic poly material as anode in aqueous aluminum-ion battery. <i>Journal of Electroanalytical Chemistry</i> , 2020, 861, 113967.	1.9	25
82	Growing NiS ₂ nanosheets on porous carbon microtubes for hybrid sodium-ion capacitors. <i>Journal of Power Sources</i> , 2020, 451, 227737.	4.0	55
83	Janus-faced film with dual function of conductivity and pseudo-capacitance for flexible supercapacitors with ultrahigh energy density. <i>Chemical Engineering Journal</i> , 2020, 388, 124197.	6.6	21
84	Nickel cobalt oxide nanowires-modified hollow carbon tubular bundles for high-performance sodium-ion hybrid capacitors. <i>International Journal of Energy Research</i> , 2020, 44, 3883-3892.	2.2	11
85	Facile Synthesis of Metal-Organic Framework-Derived CoSe ₂ Nanoparticles Embedded in the N-Doped Carbon Nanosheet Array and Application for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9365-9375.	4.0	122
86	A self-healing hydrogel electrolyte for flexible solid-state supercapacitors. <i>Chemical Engineering Journal</i> , 2020, 401, 125456.	6.6	85
87	Back Cover Image, Volume 2, Number 4, December 2020. , 2020, 2, ii.		0
88	Controllable one-pot synthesis of emerging ¹² Cu ₂ Se nanowire freely standing on nickel foam for high electrochemical energy storage performance. <i>Applied Surface Science</i> , 2019, 463, 82-90.	3.1	22
89	Polyaniline coated 3D crosslinked carbon nanosheets for high-energy-density supercapacitors. <i>Applied Surface Science</i> , 2019, 493, 506-513.	3.1	21
90	Self-supported cobalt-molybdenum oxide nanosheet clusters as efficient electrocatalysts for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 21220-21228.	3.8	13

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91	Facile synthesis of MnO porous sphere with N-doped carbon coated layer for high performance lithium-ion capacitors. <i>Journal of Electroanalytical Chemistry</i> , 2019, 852, 113515.	1.9	19
92	A novel calendula-like MnNb_2O_6 anchored on graphene sheet as high-performance intercalation pseudocapacitive anode for lithium-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2855-2863.	5.2	35
93	Silicon Nanoparticles Embedded in N-Doped Few-Layered Graphene: Facile Synthesis and Application as an Effective Anode for Lithium Ion Batteries. <i>ChemPlusChem</i> , 2019, 84, 1519-1524.	1.3	7
94	Creating oxygen-vacancies in MoO_3 -nanobelts toward high volumetric energy-density asymmetric supercapacitors with long lifespan. <i>Nano Energy</i> , 2019, 58, 455-465.	8.2	266
95	MXene-derived TiO_2 /reduced graphene oxide composite with an enhanced capacitive capacity for Li-ion and K-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5363-5372.	5.2	178
96	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> , 2019, 7, 2831-2837.	5.2	65
97	Reduced graphene oxide foam supported CoNi nanosheets as an efficient anode catalyst for direct borohydride hydrogen peroxide fuel cell. <i>Applied Surface Science</i> , 2019, 491, 659-669.	3.1	31
98	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> , 2019, 152, 77-88.	5.4	33
99	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> , 2019, 7, 11129-11137.	3.2	36
100	Binder-Free Hierarchical Urchin-like Manganese-Cobalt Selenide with High Electrochemical Energy Storage Performance. <i>ACS Applied Energy Materials</i> , 2019, 2, 3595-3604.	2.5	69
101	Hierarchical copper cobalt sulfides nanowire arrays for high-performance asymmetric supercapacitors. <i>Applied Surface Science</i> , 2019, 487, 198-205.	3.1	50
102	Polydopamine-Modified Reduced Graphene Oxides as a Capable Electrode for High-Performance Supercapacitor. <i>ChemistrySelect</i> , 2019, 4, 2711-2715.	0.7	12
103	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> , 2019, 7, 7804-7811.	3.2	48
104	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> , 2019, 7, 9078-9085.	5.2	151
105	Nitrogen and Phosphorus Dual-Doped Multilayer Graphene as Universal Anode for Full Carbon-Based Lithium and Potassium Ion Capacitors. <i>Nano-Micro Letters</i> , 2019, 11, 30.	14.4	120
106	Lithiophilic Three-Dimensional Porous $\text{Ti}_3\text{C}_2\text{T}_x$ -rGO Membrane as a Stable Scaffold for Safe Alkali Metal (Li or Na) Anodes. <i>ACS Nano</i> , 2019, 13, 14319-14328.	7.3	123
107	Anionic P-substitution toward ternary Ni-S-P nanoparticles immobilized graphene with ultrahigh rate and long cycle life for hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24374-24388.	5.2	77
108	NiFe_2O_4 nanocubes anchored on reduced graphene oxide cryogel to achieve a 1.8 V flexible solid-state symmetric supercapacitor. <i>Chemical Engineering Journal</i> , 2019, 360, 171-179.	6.6	58

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109	Hierarchical NiCo ₂ O ₄ nanowire array supported on Ni foam for efficient urea electrooxidation in alkaline medium. <i>Journal of Power Sources</i> , 2019, 412, 265-271.	4.0	77
110	A novel electrode of ternary CuNiPd nanoneedles decorated Ni foam and its catalytic activity toward NaBH ₄ electrooxidation. <i>Electrochimica Acta</i> , 2019, 299, 395-404.	2.6	28
111	Fe ₃ O ₄ nanospheres in situ decorated graphene as high-performance anode for asymmetric supercapacitor with impressive energy density. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 235-244.	5.0	89
112	Freestanding 3D Polypyrrole@reduced graphene oxide hydrogels as binder-free electrode materials for flexible asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 291-299.	5.0	39
113	Rational design of NiCo ₂ S ₄ nanowire arrays on nickel foam as highly efficient and durable electrocatalysts toward urea electrooxidation. <i>Chemical Engineering Journal</i> , 2019, 359, 1652-1658.	6.6	79
114	Three-dimensional Ni Co NiCo ₂ O ₄ /NF as an efficient electrode for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 226-232.	3.8	13
115	Three-dimensional porous carbon framework coated with one-dimensional nanostructured polyaniline nanowires composite for high-performance supercapacitors. <i>Applied Surface Science</i> , 2019, 474, 147-153.	3.1	10
116	Ultrahigh energy density battery-type asymmetric supercapacitors: NiMoO ₄ nanorod-decorated graphene and graphene/Fe ₂ O ₃ quantum dots. <i>Nano Research</i> , 2018, 11, 4744-4758.	5.8	76
117	Ternary Transition Metal Sulfides Embedded in Graphene Nanosheets as Both the Anode and Cathode for High-Performance Asymmetric Supercapacitors. <i>Chemistry of Materials</i> , 2018, 30, 1055-1068.	3.2	268
118	Porous Ni ₂ 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> , 2018, 43, 9316-9325.	3.8	80
119	2D Titanium Carbide/Reduced Graphene Oxide Heterostructures for Supercapacitor Applications. <i>Batteries and Supercaps</i> , 2018, 1, 33-38.	2.4	72
120	Rational design of NiCo ₂ S ₄ nanoparticles @ N-doped CNT for hybrid supercapacitor. <i>Applied Surface Science</i> , 2018, 447, 165-172.	3.1	53
121	Development of asymmetric supercapacitors with titanium carbide-reduced graphene oxide couples as electrodes. <i>Electrochimica Acta</i> , 2018, 259, 752-761.	2.6	103
122	A flexible and high voltage symmetric supercapacitor based on hybrid configuration of cobalt hexacyanoferrate/reduced graphene oxide hydrogels. <i>Chemical Engineering Journal</i> , 2018, 335, 321-329.	6.6	61
123	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> , 2018, 335, 638-646.	6.6	34
124	Polyaniline-modified porous carbon tube bundles composite for high-performance asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2018, 292, 458-467.	2.6	43
125	High-performance asymmetric supercapacitor assembled with three-dimensional, coadjacent graphene-like carbon nanosheets and its composite. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 474-481.	1.9	18
126	High-throughput fabrication of porous carbon by chemical foaming strategy for high performance supercapacitor. <i>Chemical Engineering Journal</i> , 2018, 352, 459-468.	6.6	74

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127	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> , 2018, 530, 579-585.	5.0	60
128	Self-Supported FeNi-P Nanosheets with Thin Amorphous Layers for Efficient Electrocatalytic Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9640-9648.	3.2	71
129	Self-Templated Synthesis of Cuprous Oxide Nanofiber-Assembled Hollow Spheres for High-Performance Electrochemical Energy Storage. <i>ChemElectroChem</i> , 2018, 5, 1724-1731.	1.7	3
130	Self N-Doped Porous Interconnected Carbon Nanosheets Material for Supercapacitors. <i>Acta Chimica Sinica</i> , 2018, 76, 107.	0.5	22
131	The FeVO ₄ ·0.9H ₂ O/Graphene composite as anode in aqueous magnesium ion battery. <i>Electrochimica Acta</i> , 2017, 256, 357-364.	2.6	58
132	High-Energy-Density Aqueous Magnesium-Ion Battery Based on a Carbon-Coated FeVO ₄ Anode and a Mg-Oxide Cathode. <i>Chemistry - A European Journal</i> , 2017, 23, 17118-17126.	1.7	80
133	Two-Dimensional Titanium Carbide MXene as a Capacitor-Type Electrode for Rechargeable Aqueous Li-Ion and Na-Ion Capacitor Batteries. <i>ChemElectroChem</i> , 2017, 4, 3018-3025.	1.7	56
134	The synthesis of 1 Å–1 magnesium octahedral molecular sieve with controllable size and shape for aqueous magnesium ion battery cathode material. <i>Journal of Electroanalytical Chemistry</i> , 2017, 807, 37-44.	1.9	15
135	Flexible MXene/Graphene Films for Ultrafast Supercapacitors with Outstanding Volumetric Capacitance. <i>Advanced Functional Materials</i> , 2017, 27, 1701264.	7.8	1,354
136	Electrocatalytic Activity of MnO ₂ Supported on Reduced Graphene Oxide Modified Ni Foam for H ₂ O ₂ Reduction. <i>Acta Chimica Sinica</i> , 2017, 75, 1003.	0.5	6
137	(Invited) Flexible Mxene/Graphene Films for Ultrafast Supercapacitors. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0
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