

Jingquan Liu

List of Publications by Year in descending order

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349
papers

25,396
citations

7251

80
h-index

11282

141
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356
all docs

356
docs citations

356
times ranked

31044
citing authors

#	ARTICLE	IF	CITATIONS
1	Vacancy engineering of oxidized Nb ₂ C ₂ T _x MXenes for a biased nitrogen fixation. <i>Green Energy and Environment</i> , 2023, 8, 1185-1194.	4.7	11
2	Assembly of gold nanorods with L-cysteine reduced graphene oxide for highly efficient NIR-triggered photothermal therapy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 266, 120458.	2.0	13
3	Ti ₃ C ₂ T MXene based hybrid electrodes for wearable supercapacitors with varied deformation capabilities. <i>Chemical Engineering Journal</i> , 2022, 429, 132232.	6.6	20
4	Origami and layered-shaped ZnNiFe-LDH synthesized on Cu(OH) ₂ nanorods array to enhance the energy storage capability. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1269-1279.	5.0	46
5	A molecularly imprinted nanoreactor based on biomimetic mineralization of bi-enzymes for specific detection of urea and its analogues. <i>Sensors and Actuators B: Chemical</i> , 2022, 350, 130909.	4.0	13
6	Solar-driven photoelectron injection effect on MgCo ₂ O ₄ @WO ₃ core-shell heterostructure for efficient overall water splitting. <i>Applied Surface Science</i> , 2022, 578, 152049.	3.1	41
7	Controllable atom implantation for achieving Coulomb-force unbalance toward lattice distortion and vacancy construction for accelerated water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 194-201.	5.0	41
8	Water-based asymmetric supercapacitors with 2.5 V wide potential and high energy density based on Na _{0.6} CoO ₂ nanoarray formed via electrochemical oxidation. <i>Carbon</i> , 2022, 189, 81-92.	5.4	19
9	Spherical Co ₃ S ₄ grown directly on Ni-Fe sulfides as a porous nanoplate array on FeNi ₃ foam: a highly efficient and durable bifunctional catalyst for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2022, 10, 5442-5451.	5.2	37
10	Selective Photoactivation of Trithiocarbonates Mediated by Metal Naphthalocyanines and Overcoming Activation Barriers Using Thermal Energy. <i>Journal of the American Chemical Society</i> , 2022, 144, 995-1005.	6.6	26
11	The construction of molecularly imprinted electrochemical biosensor for selective glucose sensing based on the synergistic enzyme-enzyme mimic catalytic system. <i>Talanta</i> , 2022, 242, 123279.	2.9	13
12	Fe-atom-implantation induced regional phase reconstruction for high-entropy Ni _x S _y construction with diversified crystallographic orientations towards accelerated water splitting. <i>Journal of Power Sources</i> , 2022, 522, 231004.	4.0	15
13	Facile construction of hierarchical Co ₃ S ₄ /CeO ₂ heterogeneous nanorod array on cobalt foam for electrocatalytic overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 806-813.	5.0	22
14	Trimetallic nanoplate arrays of Ni-Fe-Mo sulfide on FeNi ₃ foam: A highly efficient and bifunctional electrocatalyst for overall water splitting. <i>Journal of Alloys and Compounds</i> , 2022, 902, 163670.	2.8	26
15	Encapsulation of MXene/polydopamine in nitrogen-doped 3D carbon networks with high photothermal conversion efficiency for seawater desalination. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 345-354.	5.0	33
16	Ternary NiCeCo-Layered Double Hydroxides Grown on CuBr ₂ @ZIF-67 Nanowire Arrays for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16165-16177.	4.0	51
17	Superoxide Radical-Mediated Self-Synthesized Au/MoO ₃ Hybrids with Enhanced Peroxidase-like Activity and Photothermal Effect for Anti-MRSA Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13025-13037.	4.0	57
18	Construction of Core-shell Heterostructured Nanoarrays of Cu(OH) ₂ @NiFe-Layered Double Hydroxide through Facile Potentiostatic Electrodeposition for Highly Efficient Supercapacitors. <i>ChemElectroChem</i> , 2022, 9, .	1.7	4

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19	Tailoring the electrolyte and cathode properties for optimizing the performance of symmetrical solid oxide fuel cells fabricated by one-step co-sintering method. <i>Journal of Asian Ceramic Societies</i> , 2022, 10, 386-395.	1.0	3
20	An ultraviolet self-initiated polymerized platform for specific recognition and elimination of caffeic acid based on the molecular imprinting technology. <i>Sensors and Actuators B: Chemical</i> , 2022, 361, 131659.	4.0	9
21	Controllable synthesis of nickel doped hierarchical zinc MOF with tunable morphologies for enhanced supercapability. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 375-385.	5.0	29
22	Hierarchical NiCo-LDH core/shell homostructural electrodes with MOF-derived shell for electrochemical energy storage. <i>Journal of Colloid and Interface Science</i> , 2022, 619, 75-83.	5.0	57
23	Core-Shell Nanostructured Hybrid of Nickel Hydroxide Supported on Copper Hydroxide Nanorod Arrays Used as Advanced Supercapacitors with High Efficiency and Ultraperformance. <i>Advanced Sustainable Systems</i> , 2022, 6, .	2.7	3
24	Self-templated pseudomorphic transformation of ZIF into layered double hydroxides for improved supercapacitive performance. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 309-318.	5.0	14
25	Dandelion-like Nanospheres Synthesized by CoO@CuO Nanowire Arrays for High-Performance Asymmetric Supercapacitors. <i>ChemElectroChem</i> , 2022, 9, .	1.7	4
26	Simultaneously enhancing the selectivity and stability of enzymatic probes via bio-imprinting technology. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132039.	4.0	2
27	Synergistic effect of oxidation etching and phase transformation triggered by controllable ion-bath microenvironments toward constructing ultra-thin porous nanosheets for accelerated industrial water splitting at high current density. <i>Journal of Colloid and Interface Science</i> , 2022, 625, 50-58.	5.0	8
28	Interface engineering of double-layered nanosheets via cosynergistic modification by LDH interlayer carbonate anion and molybdate for accelerated industrial water splitting at high current density. <i>Applied Surface Science</i> , 2022, 598, 153690.	3.1	10
29	Facile construction of heterostructural Ni ₃ (NO ₃) ₂ (OH) ₄ /CeO ₂ bifunctional catalysts for boosted overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 23221-23229.	3.8	4
30	Scalable fabrication of quantum-sized CoS _{1.97} nanoparticles anchoring on biomass carbon aerogel for energy storage application. <i>Journal of Alloys and Compounds</i> , 2022, 920, 165858.	2.8	9
31	Engineering of surface modified Ti ₃ C ₂ T _x MXene based dually controlled drug release system for synergistic multitherapies of cancer. <i>Chemical Engineering Journal</i> , 2022, 448, 137691.	6.6	28
32	Sheet-like NiCo-layered double hydroxide anchored on N self-doped hierarchical porous carbon aerogel from chitosan for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 921, 166036.	2.8	22
33	Co ₃ Se ₄ quantum dots encapsulated with nitrogen-doped porous nanocarbon as ultrastable electrode material for water-based all-solid asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 627, 10-20.	5.0	4
34	Three-dimensional self-floating foam composite impregnated with porous carbon and polyaniline for solar steam generation. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 504-513.	5.0	67
35	Nickel cobalt manganese ternary carbonate hydroxide nanoflakes branched on cobalt carbonate hydroxide nanowire arrays as novel electrode material for supercapacitors with outstanding performance. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 11-20.	5.0	62
36	Controllable synthesis of Ni _{1-x} Co _x MoO ₄ with tunable morphologies for high-performance asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 850, 156734.	2.8	22

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37	Flower-like nanosheets directly grown on Co foil as efficient bifunctional catalysts for overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 650-660.	5.0	7
38	Facile construction of MgCo ₂ O ₄ @CoFe layered double hydroxide core-shell nanocomposites on nickel foam for high-performance asymmetric supercapacitors. <i>Journal of Power Sources</i> , 2021, 484, 229288.	4.0	58
39	In situ grafting of PEG Acrylate on drugs with aliphatic hydroxyl functionalities via RAFT polymerization to synthesize drug/polymer conjugates with improved water solubility. <i>European Polymer Journal</i> , 2021, 142, 110123.	2.6	5
40	<i>In situ</i> construction of pollen-petal-like heterostructured Co ₃ O ₄ @CeO ₂ on 3D FeNi ₃ foam as a bifunctional catalyst for overall water splitting. <i>Sustainable Energy and Fuels</i> , 2021, 5, 2181-2189.	2.5	12
41	Efficient water oxidation using flower-like multiphase nickel hydroxide with Fe doping. <i>Sustainable Energy and Fuels</i> , 2021, 5, 2228-2233.	2.5	7
42	Superelastic Ti ₃ C ₂ T _x MXene-Based Hybrid Aerogels for Compression-Resilient Devices. <i>ACS Nano</i> , 2021, 15, 5000-5010.	7.3	139
43	Vertically Oriented Cu ₂ O@Cu-MOFs Hybrid Clusters for High-Performance Electrochemical Capacitors. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002145.	1.9	16
44	Challenges and solutions in surface engineering and assembly of boron nitride nanosheets. <i>Materials Today</i> , 2021, 44, 194-210.	8.3	52
45	Multilayered and hierarchical structured NiCo double hydroxide nanosheets generated on porous MgCo ₂ O ₄ nanowire arrays for high performance supercapacitors. <i>Applied Surface Science</i> , 2021, 546, 149133.	3.1	43
46	A novel multi-cavity structured MOF derivative/porous graphene hybrid for high performance microwave absorption. <i>Carbon</i> , 2021, 176, 279-289.	5.4	103
47	MgCo ₂ O ₄ @NiMn layered double hydroxide core-shell nanocomposites on nickel foam as superior electrode for all-solid-state asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 455-467.	5.0	57
48	Synthesis of petaloid and origami-lantern shaped MnO ₂ /Co ₂ CH@C hierarchical core-shell nanorod arrays for portable asymmetric supercapacitor. <i>Composites Part B: Engineering</i> , 2021, 215, 108756.	5.9	37
49	Industry-Scale and Environmentally Stable Ti ₃ C ₂ T _x MXene Based Film for Flexible Energy Storage Devices. <i>Advanced Functional Materials</i> , 2021, 31, 2103960.	7.8	71
50	Direct Observation of Amide Bond Formation in a Plasmonic Nanocavity Triggered by Single Nanoparticle Collisions. <i>Journal of the American Chemical Society</i> , 2021, 143, 9781-9790.	6.6	22
51	Fabrication of Cobaltous Sulfide Nanoparticle-Modified 3D MXene/Carbon Foam Hybrid Aerogels for All-Solid-State Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28222-28230.	4.0	70
52	Robust 3D Graphene/Cellulose Nanocrystals Hybrid Lamella Network for Stable and Highly Efficient Solar Desalination. <i>Solar Rrl</i> , 2021, 5, 2100317.	3.1	29
53	Ultrafast generation of highly crystalline graphene quantum dots from graphite paper via laser writing. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 460-465.	5.0	18
54	Advantageous metal-atom-escape towards super-hydrophilic interfaces assembly for efficient overall water splitting. <i>Journal of Power Sources</i> , 2021, 499, 229941.	4.0	75

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55	A molecularly imprinted nanoreactor with spatially confined effect fabricated with nano-caged cascaded enzymatic system for specific detection of monosaccharides. <i>Biosensors and Bioelectronics</i> , 2021, 188, 113355.	5.3	24
56	Electrochemical detection of DNA by formation of efficient electron transfer pathways through adsorbing gold nanoparticles to DNA modified electrodes. <i>Microchemical Journal</i> , 2021, 169, 106581.	2.3	12
57	A molecularly imprinted electrochemical sensing platform based on the signal amplification system fabricated with the theoretically optimized monomer for specific determination of formaldehyde. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130260.	4.0	21
58	Hierarchical Cu@Co-decorated CuO@Co ₃ O ₄ nanostructure on Cu foam as efficient self-supported catalyst for hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160749.	2.8	25
59	In-situ formation of Fe-Co(OH)_2 nanosheet arrays on magnesium cobaltate nanowires for hybrid supercapacitors with enhanced electrochemical performance. <i>Applied Surface Science</i> , 2021, 568, 150856.	3.1	14
60	Towards fluorinated Ruddlesden-Popper perovskites with enhanced physical properties: a study on $(3\text{-FC}_6\text{H}_4\text{CH}_2\text{CH}_2\text{NH}_3)_2\text{PbI}_4$ single crystals. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4645-4657.		6
61	Cobalt and vanadium co-doped FeOOH nanoribbons: an iron-rich electrocatalyst for efficient water oxidation. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6485-6490.	3.2	7
62	In situ embedding of cobalt sulfide quantum dots among transition metal layered double hydroxides for high performance all-solid-state asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22573-22584.	5.2	60
63	Scalable Fabrication of $\text{Ti}_3\text{C}_2\text{T}_x$ MXene/RGO/Carbon Hybrid Aerogel for Organics Absorption and Energy Conversion. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 51333-51342.	4.0	20
64	In Situ Synthesis of CoCeS Bimetallic Sulfide Nanoparticles on a Pyrene Terminated Molecular Wire Modified Graphene Surface for Supercapacitors. <i>Chemistry - A European Journal</i> , 2021, 27, 17402-17411.	1.7	9
65	Specific sensing of resorcin based on the hierarchical porous nanoprobe constructed by cuttlefish-derived biomaterials through differential pulse voltammetry. <i>Analytica Chimica Acta</i> , 2021, 1188, 339203.	2.6	3
66	Homogeneous nickel metal-organic framework microspheres on reduced graphene oxide as novel electrode material for supercapacitors with outstanding performance. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 265-274.	5.0	98
67	Hierarchical NiMn-layered double hydroxides@CuO core-shell heterostructure in-situ generated on Cu(OH) ₂ nanorod arrays for high performance supercapacitors. <i>Chemical Engineering Journal</i> , 2020, 380, 122486.	6.6	186
68	Improving the rate capability of ultrathin NiCo-LDH nanoflakes and FeOOH nanosheets on surface electrochemically modified graphite fibers for flexible asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 237-246.	5.0	63
69	Flexible coaxial fiber-shaped asymmetric supercapacitors based on manganese, nickel co-substituted cobalt carbonate hydroxides. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1837-1848.	5.2	67
70	A self-enhanced and recyclable catalytic system constructed from magnetic bi-nano-bionic enzymes for real-time control of RAFT polymerization. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1301-1308.	2.7	8
71	Recent advances in cobalt-based electrocatalysts for hydrogen and oxygen evolution reactions. <i>Journal of Alloys and Compounds</i> , 2020, 821, 153542.	2.8	191
72	Hierarchical Cu(OH) ₂ @MnO ₂ core-shell nanorods array in situ generated on three-dimensional copper foam for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 563, 394-404.	5.0	61

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73	Cobalt/Nickel Ions-Assisted Synthesis of Laminated CuO Nanospheres Based on Cu(OH) ₂ Nanorod Arrays for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2591-2600.	4.0	63
74	VO ₂ ·0.2H ₂ O nanocuboids anchored onto graphene sheets as the cathode material for ultrahigh capacity aqueous zinc ion batteries. <i>Nano Research</i> , 2020, 13, 215-224.	5.8	89
75	Solvent Effect on Supramolecular Self-Assembly of Chlorophylls a on Chemically Reduced Graphene Oxide. <i>Langmuir</i> , 2020, 36, 13575-13582.	1.6	9
76	Favorable Amorphous~Crystalline Iron Oxyhydroxide Phase Boundaries for Boosted Alkaline Water Oxidation. <i>ChemSusChem</i> , 2020, 13, 4911-4915.	3.6	45
77	In Situ Fabrication of a Uniform Co-MOF Shell Coordinated with CoNiO ₂ to Enhance the Energy Storage Capability of NiCo-LDH via Vapor-Phase Growth. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47526-47538.	4.0	88
78	One-step generation of S and N co-doped reduced graphene oxide for high-efficiency adsorption towards methylene blue. <i>RSC Advances</i> , 2020, 10, 37757-37765.	1.7	17
79	Construction of hierarchical Cu ₂ O@NiCoAl-layered double hydroxide nanorod arrays electrode for high-performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155321.	2.8	23
80	Specific detection of monosaccharide by dual-channel sensing platform based on dual catalytic system constructed by bio-enzyme and bionic enzyme using molecular imprinting polymers. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128430.	4.0	22
81	MXene Films: Scalable Manufacturing of Free-standing, Strong Ti ₃ C ₂ T _x MXene Films with Outstanding Conductivity (Adv.) <i>Tj ETQq1110.784314 rgBT</i>		
82	Hierarchical polypyrrole/graphene/melamine composite foam for highly compressible all-solid-state supercapacitors. <i>Electrochimica Acta</i> , 2020, 353, 136600.	2.6	27
83	Nb ₂ O ₅ /Nb ₂ CT _x composites with different morphologies through oxidation of Nb ₂ CT _x MXene for high-performance microwave absorption. <i>Journal of Alloys and Compounds</i> , 2020, 843, 155713.	2.8	50
84	Defective Carbon-Doped Boron Nitride Nanosheets for Highly Efficient Electrocatalytic Conversion of N ₂ to NH ₃ . <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5278-5286.	3.2	61
85	Preparation of CoS ₂ supported flower-like NiFe layered double hydroxides nanospheres for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 607-618.	5.0	44
86	Two-dimensional organic~inorganic hybrid Ruddlesden~Popper perovskite materials: preparation, enhanced stability, and applications in photodetection. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2087-2113.	2.5	36
87	Hierarchical trimetallic sulfide FeCo ₂ S ₄ ~NiCo ₂ S ₄ nanosheet arrays supported on a Ti mesh: An efficient 3D bifunctional electrocatalyst for full water splitting. <i>Electrochimica Acta</i> , 2020, 340, 135957.	2.6	52
88	In situ generation of carbonized polyaniline nanowires on thermally-treated and electrochemically-etched carbon fiber cloth for high efficient solar seawater desalination. <i>Desalination</i> , 2020, 481, 114303.	4.0	45
89	Porous carbon prepared via combustion and acid treatment as flexible zinc-ion capacitor electrode material. <i>Chemical Engineering Journal</i> , 2020, 387, 124161.	6.6	170
90	Bimetal-organic framework derived Cu(NiCo) ₂ S ₄ /Ni ₃ S ₄ electrode material with hierarchical hollow heterostructure for high performance energy storage. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 295-304.	5.0	49

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91	A three-dimensional and porous bi-nanospheres electrocatalytic system constructed by in situ generation of Ru nanoclusters inside and outside polydopamine nanoparticles for highly efficient hydrogen evolution reaction. International Journal of Hydrogen Energy, 2020, 45, 6592-6603.	3.8	20
92	Hollow 3D Frame Structure Modified with NiCo ₂ S ₄ Nanosheets and Spinous Fe ₂ O ₃ Nanowires as Electrode Materials for High-Performance All-Solid-State Asymmetric Supercapacitors. Chemistry - A European Journal, 2020, 26, 4790-4797.	1.7	21
93	Electrocatalysts Based on Transition Metal Borides and Borates for the Oxygen Evolution Reaction. Chemistry - A European Journal, 2020, 26, 11661-11672.	1.7	43
94	MXene-Based Nanocomposites for Energy Conversion and Storage Applications. Chemistry - A European Journal, 2020, 26, 6342-6359.	1.7	66
95	Scalable Manufacturing of Free-Standing, Strong Ti ₃ C ₂ T _x MXene Films with Outstanding Conductivity. Advanced Materials, 2020, 32, e2001093.	11.1	613
96	Rapid and direct growth of bipyramid TiO ₂ from Ti ₃ C ₂ T _x MXene to prepare Ni/TiO ₂ /C heterogeneous composites for high-performance microwave absorption. Chemical Engineering Journal, 2020, 383, 123095.	6.6	143
97	Iron doped Ni ₃ S ₂ nanorods directly grown on FeNi ₃ foam as an efficient bifunctional catalyst for overall water splitting. Chemical Engineering Journal, 2020, 396, 125315.	6.6	97
98	Photo-Induced Depolymerisation: Recent Advances and Future Challenges. ChemPhotoChem, 2019, 3, 1059-1076.	1.5	22
99	Zn-Ni-Co trimetallic carbonate hydroxide nanothorns branched on Cu(OH) ₂ nanorods array based on Cu foam for high-performance asymmetric supercapacitors. Journal of Power Sources, 2019, 437, 226897.	4.0	104
100	Interfacial design of sandwich-like CoFe@Ti ₃ C ₂ T _x composites as high efficient microwave absorption materials. Applied Surface Science, 2019, 494, 540-550.	3.1	91
101	Review of Carbon and Graphene Quantum Dots for Sensing. ACS Sensors, 2019, 4, 1732-1748.	4.0	660
102	Ni Nanoparticles on Ultrathin Mo ₂ C Interconnected Nanonet: An Efficient 3D Hydrogen-Evolving Electrocatalyst with Superior Durability. Journal of the Electrochemical Society, 2019, 166, F1128-F1133.	1.3	3
103	Uniform generation of NiCo ₂ S ₄ with 3D honeycomb-like network structure on carbon cloth as advanced electrode materials for flexible supercapacitors. Journal of Colloid and Interface Science, 2019, 556, 743-752.	5.0	67
104	Synthesis of polypyrrole coated melamine foam by in-situ interfacial polymerization method for highly compressible and flexible supercapacitor. Journal of Colloid and Interface Science, 2019, 557, 617-627.	5.0	41
105	Multilayer NiMn layered double hydroxide nanosheets covered porous Co ₃ O ₄ nanowire arrays with hierarchical structure for high-performance supercapacitors. Journal of Power Sources, 2019, 440, 227123.	4.0	76
106	Recent advances in stimuli-responsive polymer systems for remotely controlled drug release. Progress in Polymer Science, 2019, 99, 101164.	11.8	177
107	Concentrated-acid triggered superfast generation of porous amorphous cobalt oxide toward efficient water oxidation catalysis in alkaline solution. Chemical Communications, 2019, 55, 1797-1800.	2.2	19
108	Electrochemical synthesis of NiCo layered double hydroxide nanosheets decorated on moderately oxidized graphene films for energy storage. Nanoscale, 2019, 11, 2812-2822.	2.8	36

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109	Reverse synthesis of star anise-like cobalt doped Cu-MOF/Cu ₂ O hybrid materials based on a Cu(OH) ₂ precursor for high performance supercapacitors. Journal of Materials Chemistry A, 2019, 7, 3815-3827.	5.2	153
110	One Pot Generation of Blue and Red Carbon Dots in One Binary Solvent System for Dual Channel Detection of Cr ³⁺ and Pb ²⁺ Based on Ion Imprinted Fluorescence Polymers. ACS Sensors, 2019, 4, 1917-1924.	4.0	81
111	Intrinsic and well-defined second generation hot spots in gold nanobipyramids <i>versus</i> gold nanorods. Chemical Communications, 2019, 55, 7707-7710.	2.2	24
112	Porous flower-like Mo-doped NiS heterostructure as highly efficient and robust electrocatalyst for overall water splitting. Applied Surface Science, 2019, 484, 1052-1060.	3.1	39
113	Novel fabrication of hollow and spinous NiCo ₂ S ₄ nanotubes templated by natural silk for all-solid-state asymmetric supercapacitors. Journal of Colloid and Interface Science, 2019, 549, 140-149.	5.0	50
114	Novel approach to immobilize Au nanoclusters on micro/nanostructured carbonized natural lotus leaf as green catalyst with highly efficient catalytic activity. Chemical Engineering Journal, 2019, 371, 876-884.	6.6	30
115	Scalable and robust bilayer polymer foams for highly efficient and stable solar desalination. Nano Energy, 2019, 60, 841-849.	8.2	262
116	Insight into Catalytic Mechanisms for the Reduction of Nitrophenol via Heterojunctions of Gold Nanoclusters on 2D Boron Nitride Nanosheets. ChemNanoMat, 2019, 5, 784-791.	1.5	34
117	Scalable fabrication of electrochemically oxidized and moderately reduced graphite paper electrode for flexible energy storage with ultrahigh rate capability. Journal of Power Sources, 2019, 421, 169-178.	4.0	10
118	MOF derived Ni-Co-S nanosheets on electrochemically activated carbon cloth via an etching/ion exchange method for wearable hybrid supercapacitors. Chemical Engineering Journal, 2019, 371, 461-469.	6.6	239
119	Facile Preparation of Snowflake-Like MnO ₂ @NiCo ₂ O ₄ Composites for Highly Efficient Electromagnetic Wave Absorption. Chemistry - A European Journal, 2019, 25, 7695-7701.	1.7	35
120	Unveiling the Critical Role of Surface Oxidation of Electroresponsive Behaviors in Two-Dimensional Ti ₃ C ₂ T _x MXenes. Journal of Physical Chemistry C, 2019, 123, 5479-5487.	1.5	17
121	Screen-printable films of graphene/CoS ₂ /Ni ₃ S ₄ composites for the fabrication of flexible and arbitrary-shaped all-solid-state hybrid supercapacitors. Carbon, 2019, 146, 557-567.	5.4	72
122	Fabrication of Cobaltic Oxide Nanoparticle-Doped 3D MXene/Graphene Hybrid Porous Aerogels for All-Solid-State Supercapacitors. Chemistry - A European Journal, 2019, 25, 5547-5554.	1.7	103
123	The influence of 2D nanomaterials on electron transfer across molecular thin films. Molecular Systems Design and Engineering, 2019, 4, 431-436.	1.7	6
124	Promoted electro-responsive performances in an interface-confined oxidized niobium carbide MXene. Chemical Engineering Journal, 2019, 366, 321-329.	6.6	51
125	Highly Conductive Ti ₃ C ₂ T _x MXene Hybrid Fibers for Flexible and Elastic Fiber-Shaped Supercapacitors. Small, 2019, 15, e1804732.	5.2	171
126	Thermally-treated and acid-etched carbon fiber cloth based on pre-oxidized polyacrylonitrile as self-standing and high area-capacitance electrodes for flexible supercapacitors. Chemical Engineering Journal, 2019, 364, 70-78.	6.6	69

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127	Boron Radicals Identified as the Source of the Unexpected Catalysis by Boron Nitride Nanosheets. ACS Nano, 2019, 13, 1394-1402.	7.3	39
128	Low-Cost and Highly Efficient Metal-Free Electrocatalysts for Oxygen Reduction Reaction: Environment-Friendly Three-Dimensional B, N Co-doped Graphene Aerogels. Electroanalysis, 2019, 10, 56-62.	1.5	12
129	A signal amplification system constructed by bi-enzymes and bi-nanospheres for sensitive detection of norepinephrine and miRNA. Biosensors and Bioelectronics, 2019, 124-125, 224-232.	5.3	21
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