

Xiaogang Zhang

List of Publications by Year in descending order

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226
papers

20,660
citations

9254

74
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10724

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all docs

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docs citations

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times ranked

19314
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrathin Mesoporous NiCo ₂ O ₄ Nanosheets Supported on Ni Foam as Advanced Electrodes for Supercapacitors. <i>Advanced Functional Materials</i> , 2012, 22, 4592-4597.	7.8	1,545
2	Formation of nickel cobalt sulfide ball-in-ball hollow spheres with enhanced electrochemical pseudocapacitive properties. <i>Nature Communications</i> , 2015, 6, 6694.	5.8	1,101
3	Facile synthesis and self-assembly of hierarchical porous NiO nano/micro spherical superstructures for high performance supercapacitors. <i>Journal of Materials Chemistry</i> , 2009, 19, 5772.	6.7	830
4	Growth of ultrathin mesoporous Co ₃ O ₄ nanosheet arrays on Ni foam for high-performance electrochemical capacitors. <i>Energy and Environmental Science</i> , 2012, 5, 7883.	15.6	780
5	Mesoporous NiCo ₂ O ₄ Nanowire Arrays Grown on Carbon Textiles as Binder-Free Flexible Electrodes for Energy Storage. <i>Advanced Functional Materials</i> , 2014, 24, 2630-2637.	7.8	718
6	Biomass derived carbon for energy storage devices. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2411-2428.	5.2	632
7	Biomass-derived porous carbon materials with sulfur and nitrogen dual-doping for energy storage. <i>Green Chemistry</i> , 2015, 17, 1668-1674.	4.6	572
8	Flexible Hybrid Paper Made of Monolayer Co ₃ O ₄ Microsphere Arrays on rGO/CNTs and Their Application in Electrochemical Capacitors. <i>Advanced Functional Materials</i> , 2012, 22, 2560-2566.	7.8	362
9	Self-Sacrifice Template Fabrication of Hierarchical Mesoporous Bi-Component Active ZnO/ZnFe ₂ O ₄ Sub-Microcubes as Superior Anode Towards High-Performance Lithium-Ion Battery. <i>Advanced Functional Materials</i> , 2015, 25, 238-246.	7.8	334
10	Li ₄ Ti ₅ O ₁₂ Nanoparticles Embedded in a Mesoporous Carbon Matrix as a Superior Anode Material for High Rate Lithium Ion Batteries. <i>Advanced Energy Materials</i> , 2012, 2, 691-698.	10.2	321
11	Flexible and anti-freezing quasi-solid-state zinc ion hybrid supercapacitors based on pencil shavings derived porous carbon. <i>Energy Storage Materials</i> , 2020, 28, 307-314.	9.5	279
12	Flexible Sodium-Ion Pseudocapacitors Based on 3D Na ₂ Ti ₃ O ₇ Nanosheet Arrays/Carbon Textiles Anodes. <i>Advanced Functional Materials</i> , 2016, 26, 3703-3710.	7.8	270
13	High performance lithium-sulfur batteries: advances and challenges. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12662-12676.	5.2	269
14	Facile synthesis of hierarchically porous Li ₄ Ti ₅ O ₁₂ microspheres for high rate lithium ion batteries. <i>Journal of Materials Chemistry</i> , 2010, 20, 6998.	6.7	266
15	Sulfur embedded in metal organic framework-derived hierarchically porous carbon nanoplates for high performance lithium-sulfur battery. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4490.	5.2	266
16	Hierarchical porous carbons with layer-by-layer motif architectures from confined soft-template self-assembly in layered materials. <i>Nature Communications</i> , 2017, 8, 15717.	5.8	263
17	An advanced high-energy sodium ion full battery based on nanostructured Na ₂ Ti ₃ O ₇ /VOPO ₄ layered materials. <i>Energy and Environmental Science</i> , 2016, 9, 3399-3405.	15.6	247
18	Prussian blue analogues: a new class of anode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5852-5857.	5.2	241

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19	Confined Self-Assembly in Two-Dimensional Interlayer Space: Monolayered Mesoporous Carbon Nanosheets with In-Plane Orderly Arranged Mesopores and a Highly Graphitized Framework. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2894-2898.	7.2	235
20	Flexible Films Derived from Electrospun Carbon Nanofibers Incorporated with Co_3O_4 Hollow Nanoparticles as Self-Supported Electrodes for Electrochemical Capacitors. <i>Advanced Functional Materials</i> , 2013, 23, 3909-3915.	7.8	233
21	Pseudocapacitive materials for electrochemical capacitors: from rational synthesis to capacitance optimization. <i>National Science Review</i> , 2017, 4, 71-90.	4.6	215
22	Monodisperse Metallic NiCoSe_2 Hollow Sub-Microspheres: Formation Process, Intrinsic Charge-Storage Mechanism, and Appealing Pseudocapitance as Highly Conductive Electrode for Electrochemical Supercapacitors. <i>Advanced Functional Materials</i> , 2018, 28, 1705921.	7.8	214
23	Novel Potassium-Ion Hybrid Capacitor Based on an Anode of $\text{K}_2\text{Ti}_6\text{O}_{13}$ Microscaffolds. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15542-15547.	4.0	209
24	3D porous layered double hydroxides grown on graphene as advanced electrochemical pseudocapacitor materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9046.	5.2	202
25	Pseudocapacitive behaviours of $\text{Na}_2\text{Ti}_3\text{O}_7$ @CNT coaxial nanocables for high-performance sodium-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21277-21283.	5.2	187
26	In situ growth of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ on multi-walled carbon nanotubes: novel coaxial nanocables for high rate lithium ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 761-767.	6.7	182
27	Chemically tailoring the nanostructure of graphene nanosheets to confine sulfur for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1096-1101.	5.2	180
28	Achieving High-Energy High-Power Density in a Flexible Quasi-Solid-State Sodium Ion Capacitor. <i>Nano Letters</i> , 2016, 16, 5938-5943.	4.5	171
29	Polymer-assisted synthesis of a 3D hierarchical porous network-like spinel NiCo_2O_4 framework towards high-performance electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11145.	5.2	160
30	Pencil Drawing Stable Interface for Reversible and Durable Aqueous Zinc-Ion Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2006495.	7.8	153
31	Few-Layer MXenes Delaminated via High-Energy Mechanical Milling for Enhanced Sodium-Ion Batteries Performance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39610-39617.	4.0	152
32	Graphene Caging Silicon Particles for High-Performance Lithium-Ion Batteries. <i>Small</i> , 2018, 14, e1800635.	5.2	146
33	Zinc cobalt sulfide nanosheets grown on nitrogen-doped graphene/carbon nanotube film as a high-performance electrode for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11256-11263.	5.2	145
34	Nasicon-Type Surface Functional Modification in Core-Shell $\text{LiNi}_{0.5}\text{Mn}_{0.3}\text{Co}_{0.2}\text{O}_2$ @ $\text{NaTi}_2(\text{PO}_4)_3$ Cathode Enhances Its High-Voltage Cycling Stability and Rate Capacity toward Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5498-5510.	4.0	145
35	An All-Stretchable-Component Sodium-Ion Full Battery. <i>Advanced Materials</i> , 2017, 29, 1700898.	11.1	141
36	Progress on zinc ion hybrid supercapacitors: Insights and challenges. <i>Energy Storage Materials</i> , 2020, 31, 252-266.	9.5	141

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37	Metal-free energy storage systems: combining batteries with capacitors based on a methylene blue functionalized graphene cathode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19668-19675.	5.2	138
38	Synthesis and utilization of RuO ₂ ·xH ₂ O nanodots well dispersed on poly(sodium 4-styrene sulfonate) functionalized multi-walled carbon nanotubes for supercapacitors. <i>Journal of Materials Chemistry</i> , 2009, 19, 246-252.	6.7	136
39	Hierarchical NiCo ₂ O ₄ nanosheets/nitrogen doped graphene/carbon nanotube film with ultrahigh capacitance and long cycle stability as a flexible binder-free electrode for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 689-698.	5.2	131
40	Insights on the Proton Insertion Mechanism in the Electrode of Hexagonal Tungsten Oxide Hydrate. <i>Journal of the American Chemical Society</i> , 2018, 140, 11556-11559.	6.6	128
41	One-Pot Synthesis of Graphene-Supported Monodisperse Pd Nanoparticles as Catalyst for Formic Acid Electro-oxidation. <i>Scientific Reports</i> , 2014, 4, 4501.	1.6	127
42	Preparation and properties of polystyrene nanocomposites with graphite oxide and graphene as flame retardants. <i>Journal of Materials Science</i> , 2013, 48, 4214-4222.	1.7	125
43	MoS ₂ Nanosheet Decorated 2D Titanium Carbide (MXene) as High Performance Anodes for Sodium Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 1560-1565.	1.7	123
44	Mesoporous NiO with various hierarchical nanostructures by quasi-nanotubes/nanowires/nanorod self-assembly: controllable preparation and application in supercapacitors. <i>CrystEngComm</i> , 2011, 13, 626-632.	1.3	121
45	Lysine-assisted hydrothermal synthesis of urchin-like ordered arrays of mesoporous Co(OH) ₂ nanowires and their application in electrochemical capacitors. <i>Journal of Materials Chemistry</i> , 2010, 20, 10809.	6.7	115
46	Preparation of activated carbon from waste <i>Camellia oleifera</i> shell for supercapacitor application. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2179-2186.	1.2	109
47	Advanced Energy Storage Architectures Composed of Spinel Lithium Metal Oxide Nanocrystal on Carbon Textiles. <i>Advanced Energy Materials</i> , 2013, 3, 1484-1489.	10.2	109
48	Ge-graphene-carbon nanotube composite anode for high performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1498-1503.	5.2	105
49	Mesoporous NaTi ₂ (PO ₄) ₃ /CMK-3 nanohybrid as anode for long-life Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20659-20666.	5.2	99
50	A novel aqueous ammonium dual-ion battery based on organic polymers. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11314-11320.	5.2	99
51	Facile interfacial synthesis of flower-like hierarchical α-MnO ₂ sub-microspherical superstructures constructed by two-dimension mesoporous nanosheets and their application in electrochemical capacitors. <i>Journal of Materials Chemistry</i> , 2011, 21, 16035.	6.7	96
52	Three-dimensionally ordered porous TiNb ₂ O ₇ nanotubes: a superior anode material for next generation hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16785-16790.	5.2	96
53	Prussian Blue Analogue with Fast Kinetics Through Electronic Coupling for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20306-20312.	4.0	96
54	Engineering Ultrathin MoS ₂ Nanosheets Anchored on N-Doped Carbon Microspheres with Pseudocapacitive Properties for High Performance Lithium Ion Capacitors. <i>Small Methods</i> , 2019, 3, 1900081.	4.6	96

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55	Absorption mechanism of carbon-nanotube paper-titanium dioxide as a multifunctional barrier material for lithium-sulfur batteries. <i>Nano Research</i> , 2015, 8, 3066-3074.	5.8	95
56	Flexible metal-organic frameworks as superior cathodes for rechargeable sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16590-16597.	5.2	94
57	Highly stable lithium ion capacitor enabled by hierarchical polyimide derived carbon microspheres combined with 3D current collectors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23283-23291.	5.2	94
58	A thin multifunctional coating on a separator improves the cyclability and safety of lithium sulfur batteries. <i>Chemical Science</i> , 2017, 8, 6619-6625.	3.7	94
59	Highly enhanced lithium storage capability of $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ by coating with Li_2TiO_3 for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18256-18262.	5.2	93
60	Preparation of ZnCo_2O_4 nanoflowers on a 3D carbon nanotube/nitrogen-doped graphene film and its electrochemical capacitance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21891-21898.	5.2	93
61	High-voltage $\text{LiNi}_{0.45}\text{Cr}_{0.1}\text{Mn}_{1.45}\text{O}_4$ Cathode with Superlong Cycle Performance for Wide Temperature Lithium-ion Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1704808.	7.8	91
62	Sodium-ion capacitors: Materials, Mechanism, and Challenges. <i>ChemSusChem</i> , 2020, 13, 2522-2539.	3.6	90
63	Self-sacrifice Template Formation of Hollow Hetero-Ni ₇ S ₆ /Co ₃ S ₄ Nanoboxes with Intriguing Pseudo-capacitance for High-performance Electrochemical Capacitors. <i>Scientific Reports</i> , 2016, 6, 20973.	1.6	89
64	Large-scale Co ₃ O ₄ nanoparticles growing on nickel sheets via a one-step strategy and their ultra-highly reversible redox reaction toward supercapacitors. <i>Journal of Materials Chemistry</i> , 2011, 21, 18183.	6.7	88
65	Progress of Nanostructured Electrode Materials for Supercapacitors. <i>Advanced Sustainable Systems</i> , 2018, 2, 1700110.	2.7	87
66	<i>Ad hoc</i> solid electrolyte on acidized carbon nanotube paper improves cycle life of lithium-sulfur batteries. <i>Energy and Environmental Science</i> , 2017, 10, 2544-2551.	15.6	82
67	Novel template-free solvothermal synthesis of mesoporous $\text{Li}_4\text{Ti}_5\text{O}_{12}$ -C microspheres for high power lithium ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 14414.	6.7	81
68	PAA/PEDOT:PSS as a multifunctional, water-soluble binder to improve the capacity and stability of lithium-sulfur batteries. <i>RSC Advances</i> , 2016, 6, 40650-40655.	1.7	81
69	Effect of Graphene Modified Cu Current Collector on the Performance of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Anode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30926-30932.	4.0	81
70	3D Printed High-Loading Lithium-Sulfur Battery Toward Wearable Energy Storage. <i>Advanced Functional Materials</i> , 2020, 30, 1909469.	7.8	81
71	Operando Magnetometry Probing the Charge Storage Mechanism of CoO Lithium-ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2006629.	11.1	80
72	Crumpled Nitrogen-Doped Graphene for Supercapacitors with High Gravimetric and Volumetric Performances. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22284-22291.	4.0	77

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73	Anion-Exchange Formation of Hollow NiCo ₂ S ₄ Nanoboxes from Mesocrystalline Nickel Cobalt Carbonate Nanocubes towards Enhanced Pseudocapacitive Properties. ChemPlusChem, 2016, 81, 557-563.	1.3	76
74	Lamellar-structured biomass-derived phosphorus- and nitrogen-co-doped porous carbon for high-performance supercapacitors. New Journal of Chemistry, 2015, 39, 9497-9503.	1.4	75
75	Urchin-like Co ₃ O ₄ microspherical hierarchical superstructures constructed by one-dimension nanowires toward electrochemical capacitors. RSC Advances, 2011, 1, 1521.	1.7	73
76	N-doped carbon foam based three-dimensional electrode architectures and asymmetric supercapacitors. Journal of Materials Chemistry A, 2015, 3, 2853-2860.	5.2	70
77	Serosa-Mimetic Nanoarchitecture Membranes for Highly Efficient Osmotic Energy Generation. Journal of the American Chemical Society, 2021, 143, 16206-16216.	6.6	70
78	Advanced Nanoporous Material-Based QCM Devices: A New Horizon of Interfacial Mass Sensing Technology. Advanced Materials Interfaces, 2019, 6, 1900849.	1.9	69
79	Template-Free Fabrication of Mesoporous Hollow ZnMn ₂ O ₄ Sub-microspheres with Enhanced Lithium Storage Capability towards High-Performance Li-Ion Batteries. Particle and Particle Systems Characterization, 2014, 31, 657-663.	1.2	68
80	Significant Effect of Pore Sizes on Energy Storage in Nanoporous Carbon Supercapacitors. Chemistry - A European Journal, 2018, 24, 6127-6132.	1.7	68
81	Interface miscibility induced double-capillary carbon nanofibers for flexible electric double layer capacitors. Nano Energy, 2016, 28, 232-240.	8.2	67
82	Regulation of SEI Formation by Anion Receptors to Achieve Ultra-Stable Lithium-Metal Batteries. Angewandte Chemie - International Edition, 2021, 60, 19232-19240.	7.2	66
83	From biomolecule to Na ₃ V ₂ (PO ₄) ₃ /nitrogen-decorated carbon hybrids: highly reversible cathodes for sodium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 18606-18612.	5.2	65
84	Raspberry-like Nanostructured Silicon Composite Anode for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 18766-18773.	4.0	65
85	Emerging Potassium-Ion Hybrid Capacitors. ChemSusChem, 2020, 13, 5837-5862.	3.6	65
86	Solid/Solid Interfacial Architecturing of Solid Polymer Electrolyte-Based All-Solid-State Lithium-Sulfur Batteries by Atomic Layer Deposition. Small, 2019, 15, e1903952.	5.2	62
87	Biomass-derived porous carbon electrodes for high-performance supercapacitors. Journal of Materials Science, 2020, 55, 5166-5176.	1.7	60
88	Superlithiated Polydopamine Derivative for High-Capacity and High-Rate Anode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 38101-38108.	4.0	59
89	Flower-like LiMnPO ₄ hierarchical microstructures assembled from single-crystalline nanosheets for lithium-ion batteries. CrystEngComm, 2012, 14, 4284.	1.3	58
90	Hierarchical N-doped hollow carbon microspheres as advanced materials for high-performance lithium-ion capacitors. Journal of Materials Chemistry A, 2020, 8, 3956-3966.	5.2	58

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91	Defect-rich and N-doped hard carbon as a sustainable anode for high-energy lithium-ion capacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 75-83.	5.0	58
92	Template-free synthesis of ordered mesoporous NiO/poly(sodium-4-styrene sulfonate) functionalized carbon nanotubes composite for electrochemical capacitors. <i>Nano Research</i> , 2009, 2, 722-732.	5.8	57
93	Enhanced electrochemical performance of sulfur cathodes with a water-soluble binder. <i>RSC Advances</i> , 2015, 5, 13709-13714.	1.7	57
94	Porous NiCo ₂ O ₄ nanotubes as a noble-metal-free effective bifunctional catalyst for rechargeable Li ⁺ batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24309-24314.	5.2	57
95	Enhanced Performance of Aqueous Sodium-Ion Batteries Using Electrodes Based on the NaTi ₂ (PO ₄) ₃ /MWNTs@Na _{0.44} MnO ₂ System. <i>Energy Technology</i> , 2014, 2, 705-712.	1.8	56
96	<i>In Situ</i> Self-Sacrificed Template Synthesis of Fe-N/G Catalysts for Enhanced Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18170-18178.	4.0	56
97	Rocking-chair Na-ion hybrid capacitor: a high energy/power system based on Na ₃ V ₂ O ₇ (PO ₄) ₂ F@PEDOT core-shell nanorods. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1030-1037.	5.2	56
98	A Fast Proton-Induced Pseudocapacitive Supercapacitor with High Energy and Power Density. <i>Advanced Functional Materials</i> , 2022, 32, 2107720.	7.8	53
99	Revealing the multiple cathodic and anodic involved charge storage mechanism in an FeSe ₂ cathode for aluminium-ion batteries by <i>in situ</i> magnetometry. <i>Energy and Environmental Science</i> , 2022, 15, 311-319.	15.6	53
100	Self-Sacrificial Template-Directed Synthesis of Metal-Organic Framework-Derived Porous Carbon for Energy-Storage Devices. <i>ChemElectroChem</i> , 2016, 3, 668-674.	1.7	52
101	Capacitance properties of graphite oxide/poly(3,4-ethylene dioxathiophene) composites. <i>Journal of Applied Polymer Science</i> , 2011, 121, 892-898.	1.3	50
102	Trends in sputter deposited tungsten oxide structures for electrochromic applications: A review. <i>Ceramics International</i> , 2020, 46, 23295-23313.	2.3	50
103	Nanospace-Confinement Copolymerization Strategy for Encapsulating Polymeric Sulfur into Porous Carbon for Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11165-11171.	4.0	49
104	Self-supported electrodes of Na ₂ Ti ₃ O ₇ nanoribbon array/graphene foam and graphene foam for quasi-solid-state Na-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5806-5812.	5.2	48
105	Aerosol-Spray Pyrolysis toward Preparation of Nanostructured Materials for Batteries and Supercapacitors. <i>Small Methods</i> , 2018, 2, 1700272.	4.6	48
106	Alloying Reaction Confinement Enables High-Capacity and Stable Anodes for Lithium-Ion Batteries. <i>ACS Nano</i> , 2019, 13, 9511-9519.	7.3	48
107	RbF as a Dendrite-Inhibiting Additive in Lithium Metal Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20804-20811.	4.0	48
108	Hollow NiCo ₂ S ₄ nanotube arrays grown on carbon textile as a self-supported electrode for asymmetric supercapacitors. <i>RSC Advances</i> , 2016, 6, 9950-9957.	1.7	47

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109	Nanohollow Carbon for Rechargeable Batteries: Ongoing Progresses and Challenges. Nano-Micro Letters, 2020, 12, 183.	14.4	45
110	Revisiting Charge Storage Mechanism of Reduced Graphene Oxide in Zinc Ion Hybrid Capacitor beyond the Contribution of Oxygen-Containing Groups. Advanced Functional Materials, 2022, 32, .	7.8	45
111	Facile synthesis of Co ₂ P ₂ O ₇ nanorods as a promising pseudocapacitive material towards high-performance electrochemical capacitors. RSC Advances, 2013, 3, 21558.	1.7	44
112	Self-Template-Directed Metal-Organic Frameworks Network and the Derived Honeycomb-Like Carbon Flakes via Confinement Pyrolysis. Small, 2018, 14, e1704461.	5.2	44
113	Enhanced Lithium Storage Performance from Three-Dimensional MoS ₂ Nanosheets/Carbon Nanotube Paper. ChemElectroChem, 2014, 1, 1118-1125.	1.7	43
114	Hierarchically Porous Multilayered Carbon Barriers for High-Performance Li-S Batteries. Chemistry - A European Journal, 2018, 24, 3768-3775.	1.7	43
115	A General Approach to Shaped MOF-Containing Aerogels toward Practical Water Treatment Application. Advanced Sustainable Systems, 2020, 4, 2000060.	2.7	43
116	Bifunctional Redox Mediator Supported by an Anionic Surfactant for Long-Cycle Li-O ₂ Batteries. ACS Energy Letters, 2017, 2, 2659-2666.	8.8	42
117	Fabrication of a sandwich structured electrode for high-performance lithium-sulfur batteries. Journal of Materials Chemistry A, 2013, 1, 14280.	5.2	40
118	Niobium Tungsten Oxide in a Green Water-in-Salt Electrolyte Enables Ultra-Stable Aqueous Lithium-Ion Capacitors. Nano-Micro Letters, 2020, 12, 168.	14.4	40
119	A functional interlayer as a polysulfides blocking layer for high-performance lithium-sulfur batteries. New Journal of Chemistry, 2018, 42, 1431-1436.	1.4	39
120	Green Template-Free Synthesis of Mesoporous Ternary CoNi-Mn Oxide Nanowires Towards High-Performance Electrochemical Capacitors. Particle and Particle Systems Characterization, 2014, 31, 778-787.	1.2	38
121	Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for High-Energy-Density Hybrid Supercapacitors. Advanced Electronic Materials, 2017, 3, 1600322.	2.6	38
122	3D Printed Lithium-Metal Full Batteries Based on a High-Performance Three-Dimensional Anode Current Collector. ACS Applied Materials & Interfaces, 2021, 13, 24785-24794.	4.0	38
123	Zinc ion thermal charging cell for low-grade heat conversion and energy storage. Nature Communications, 2022, 13, 132.	5.8	37
124	Nitrogenated Urchin-Like Nb ₂ O ₅ Microspheres with Extraordinary Pseudocapacitive Properties for Lithium-Ion Capacitors. ChemElectroChem, 2018, 5, 1516-1524.	1.7	36
125	Nanoarchitected porous carbons derived from ZIFs toward highly sensitive and selective QCM sensor for hazardous aromatic vapors. Journal of Hazardous Materials, 2021, 405, 124248.	6.5	36
126	Synthesis of hydrogenated TiO ₂ -reduced-graphene oxide nanocomposites and their application in high rate lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 9150-9155.	5.2	35

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127	Glycine-assisted hydrothermal synthesis of nanostructured Co _x Ni _{1-x} Al layered triple hydroxides as electrode materials for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1933-1940.	1.2	34
128	Facile synthesis of nitrogen-doped carbon derived from polydopamine-coated Li ₃ V ₂ (PO ₄) ₃ as cathode material for lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 38791-38796.	1.7	34
129	Nb ₂ O ₅ nanoparticles encapsulated in ordered mesoporous carbon matrix as advanced anode materials for Li ion capacitors. <i>RSC Advances</i> , 2016, 6, 71338-71344.	1.7	34
130	Applications of Conventional Vibrational Spectroscopic Methods for Batteries Beyond Li-ion. <i>Small Methods</i> , 2018, 2, 1700332.	4.6	33
131	Fabrication of the Oxygen Vacancy Amorphous MnO ₂ /Carbon Nanotube as Cathode for Advanced Aqueous Zinc Batteries. <i>Energy Technology</i> , 2021, 9, 2000769.	1.8	33
132	Composite Electrolytes Based on Poly(Ethylene Oxide) and Lithium Borohydrides for All-Solid-State Lithium-Sulfur Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5396-5404.	3.2	33
133	Microwave-assisted synthesis of organic-inorganic poly(3,4-ethylenedioxythiophene)/RuO ₂ ·xH ₂ O nanocomposite for supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 1925-1933.	1.2	32
134	Improved performances of mechanical-activated LiMn ₂ O ₄ /MWNTs cathode for aqueous rechargeable lithium batteries. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1943-1948.	1.5	32
135	Design of a Nitrogen-Doped, Carbon-Coated Li ₄ Ti ₅ O ₁₂ Nanocomposite with a Core-Shell Structure and Its Application for High-Rate Lithium Batteries. <i>ChemPlusChem</i> , 2014, 79, 128-133.	1.3	32
136	Titanium Dioxide/Germanium Core-Shell Nanorod Arrays Grown on Carbon Textiles as Flexible Electrodes for High Density Lithium Batteries. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 364-372.	1.2	32
137	High Performance Aqueous Sodium Ion Capacitors Enabled by Pseudocapacitance of Layered MnO ₂ . <i>Energy Technology</i> , 2018, 6, 2146-2153.	1.8	32
138	Highly Conductive and Lightweight Composite Film as Polysulfide Reservoir for High-Performance Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , 2017, 4, 362-368.	1.7	31
139	Two Conjugated Covalent Organic Frameworks with Long-Term Cyclability at High Current Density for Lithium Ion Battery. <i>Chemistry - A European Journal</i> , 2019, 25, 15472-15476.	1.7	31
140	Confined Pyrolysis of ZIF ₈ Polyhedrons Wrapped with Graphene Oxide Nanosheets to Prepare 3D Porous Carbon Heterostructures. <i>Small Methods</i> , 2019, 3, 1900277.	4.6	31
141	Charge Storage Mechanism of an Anthraquinone-Derived Porous Covalent Organic Framework with Multiredox Sites as Anode Material for Lithium-Ion Battery. <i>ACS Applied Energy Materials</i> , 2021, 4, 11377-11385.	2.5	31
142	Enhanced Cycle Performance of Polyimide Cathode Using a Quasi-Solid-State Electrolyte. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22294-22300.	1.5	30
143	Efficient Synthesis of N-Doped SiO _x /C Composite Based on the Defect-Enriched Graphite Flake for Lithium-Ion Battery. <i>ACS Applied Energy Materials</i> , 2020, 3, 4394-4402.	2.5	30
144	High-Energy Density Aqueous Zinc-Iodine Batteries with Ultra-long Cycle Life Enabled by the Zn ₂ Additive. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13268-13276.	3.2	29

#	ARTICLE	IF	CITATIONS
145	Rhombohedral NASICON-structured $\text{Li}_2\text{NaV}_2(\text{PO}_4)_3$ with single voltage plateau for superior lithium storage. <i>RSC Advances</i> , 2014, 4, 8627.	1.7	28
146	Biomolecule-assisted hydrothermal approach towards synthesis of ultra-thin nanoporous $\text{Co}(\text{OH})_2$ mesocrystal nanosheets for electrochemical capacitors. <i>CrystEngComm</i> , 2011, 13, 6130.	1.3	27
147	Improved flexible Li-ion hybrid capacitors: Techniques for superior stability. <i>Nano Research</i> , 2017, 10, 4448-4456.	5.8	27
148	Analogous graphite carbon sheets derived from corn stalks as high performance sodium-ion battery anodes. <i>RSC Advances</i> , 2016, 6, 106218-106224.	1.7	26
149	<i>In Situ</i> Tuning Residual Lithium Compounds and Constructing TiO_2 Coating for Surface Modification of a Nickel-Rich Cathode toward High-Energy Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 12423-12432.	2.5	26
150	Organosilicon-Based Functional Electrolytes for High-Performance Lithium Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2101057.	10.2	26
151	Atomic Layer Deposition of Single Atomic Cobalt as a Catalytic Interlayer for Lithium-Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 11206-11212.	2.5	25
152	Bacterial cellulose-derived carbon nanofibers as both anode and cathode for hybrid sodium ion capacitor. <i>RSC Advances</i> , 2020, 10, 7780-7790.	1.7	25
153	Conductive Metal-Organic Framework for High Energy Sodium-Ion Hybrid Capacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 1568-1574.	2.5	25
154	Phenyl-Modified Carbon Nitride Quantum Nanoflakes for Ultra-Highly Selective Sensing of Formic Acid: A Combined Experimental by QCM and Density Functional Theory Study. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48595-48610.	4.0	22
155	Synthesis and supercapacitance of flower-like $\text{Co}(\text{OH})_2$ hierarchical superstructures self-assembled by mesoporous nanobelts. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1519-1525.	1.2	21
156	Influence of electrolyte ions on rechargeable supercapacitor for high value-added conversion of low-grade waste heat. <i>Journal of Power Sources</i> , 2020, 465, 228263.	4.0	20
157	General Strategy to Fabricate Ternary Metal Nitride/Carbon Nanofibers for Supercapacitors. <i>ChemElectroChem</i> , 2015, 2, 2020-2026.	1.7	19
158	Stabilized titanium nitride nanowire supported silicon core-shell nanorods as high capacity lithium-ion anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12476-12481.	5.2	19
159	Fabrication of flexible nanoporous nitrogen-doped graphene film for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 1653-1663.	1.2	19
160	High-Voltage $\text{Li}_2\text{SiO}_3 \cdot \text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ Hollow Spheres Prepared through In Situ Aerosol Spray Pyrolysis towards High-Energy Li-Ion Batteries. <i>ChemElectroChem</i> , 2018, 5, 1212-1218.	1.7	19
161	Nano-sized Titanium Nitride Functionalized Separator Improves Cycling Performance of Lithium Sulfur Batteries. <i>ChemistrySelect</i> , 2019, 4, 698-704.	0.7	19
162	Preparation and capacitive performances of PEDOT/indigo carmine composite hydrogel. <i>Polymer Composites</i> , 2013, 34, 989-996.	2.3	18

#	ARTICLE	IF	CITATIONS
163	High performance three-dimensional Ge/cyclized-polyacrylonitrile thin film anodes prepared by RF magnetron sputtering for lithium ion batteries. <i>Journal of Materials Science</i> , 2014, 49, 2279-2285.	1.7	18
164	A novel covalent organic framework with high-density imine groups for lithium storage as anode material in lithium-ion batteries. <i>Journal of Materials Science</i> , 2022, 57, 9980-9991.	1.7	18
165	Heteroatom-Doped Porous Carbon Nanosheets: General Preparation and Enhanced Capacitive Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 16668-16674.	1.7	17
166	Facile Synthesis of Nitrogen-Containing Mesoporous Carbon for High-Performance Energy Storage Applications. <i>Chemistry - A European Journal</i> , 2016, 22, 4256-4262.	1.7	17
167	Nitrogen-Doped Porous Carbon Nanospheres from Natural Sepia Ink: Easy Preparation and Extraordinary Capacitive Performance. <i>ChemNanoMat</i> , 2017, 3, 895-901.	1.5	17
168	Pore-Size-Dependent Capacitance and Charging Dynamics of Nanoporous Carbons in Aqueous Electrolytes. <i>Journal of Physical Chemistry C</i> , 2022, 126, 6854-6862.	1.5	17
169	Preparation and electrochemical performances of porous polypyrrole film by interfacial polymerization. <i>Journal of Applied Polymer Science</i> , 2013, 127, 2938-2944.	1.3	16
170	Facile <i>In Situ</i> Cross-Linked Robust Three-Dimensional Binder for High-Performance SiO ₂ Anodes in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49313-49321.	4.0	16
171	Large-scale Synthesis of Nitrogen-doped Carbon Nanotubes by Chemical Vapor Deposition Using a Co-based Catalyst from Layered Double Hydroxides. <i>Catalysis Letters</i> , 2010, 135, 312-320.	1.4	15
172	Effect of feeding ratios on the structure and electrochemical performance of graphite oxide/polypyrrole nanocomposites. <i>Science Bulletin</i> , 2011, 56, 2846-2852.	1.7	15
173	Enhancing the electrochemical performance of Li _{1.2} Ni _{0.2} Mn _{0.6} O ₂ by surface modification with nickel-manganese composite oxide. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2087-2093.	1.2	15
174	Confined germanium nanoparticles in an N-doped carbon matrix for high-rate and ultralong-life lithium ion batteries. <i>RSC Advances</i> , 2015, 5, 85256-85263.	1.7	15
175	Synthesis and electrochemical performances of mixed-valence vanadium oxide/ordered mesoporous carbon composites for supercapacitors. <i>RSC Advances</i> , 2016, 6, 25056-25061.	1.7	15
176	Confined Self-Assembly in Two-Dimensional Interlayer Space: Monolayered Mesoporous Carbon Nanosheets with In-Plane Orderly Arranged Mesopores and a Highly Graphitized Framework. <i>Angewandte Chemie</i> , 2018, 130, 2944-2948.	1.6	15
177	Rational Design of a Piezoelectric BaTiO ₃ Nanodot Surface-Modified LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ Cathode Material for High-Rate Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2020, 7, 3646-3652.	1.7	15
178	Recent Progress and Prospects on Dendrite-Free Engineerings for Aqueous Zinc Metal Anodes. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	15
179	Dual stabilization in potassium Prussian blue and cathode/electrolyte interface enables advanced potassium-ion full-cells. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 1-8.	5.0	15
180	Highly Graphitized Carbon Coating on SiO ₂ with a π -Stacking Precursor Polymer for High Performance Lithium-Ion Batteries. <i>Polymers</i> , 2018, 10, 610.	2.0	14

#	ARTICLE	IF	CITATIONS
181	Influence of applied voltage on optimal performance and durability of tungsten and vanadium oxide co-sputtered thin films for electrochromic applications. <i>Applied Surface Science</i> , 2021, 536, 147873.	3.1	14
182	Electrospinning oxygen-vacant TiNb ₂₄ O ₆₂ nanowires simultaneously boosts electrons and ions transmission capacities toward superior lithium storage. <i>Electrochimica Acta</i> , 2021, 388, 138656.	2.6	14
183	Porous Silicon@Polythiophene Core-Shell Nanospheres for Lithium-Ion Batteries. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 75-81.	1.2	13
184	Regulation of SEI Formation by Anion Receptors to Achieve Ultra-Stable Lithium-Metal Batteries. <i>Angewandte Chemie</i> , 2021, 133, 19381-19389.	1.6	13
185	Encapsulating silicon particles by graphitic carbon enables High-performance Lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1562-1570.	5.0	13
186	Rigid Polyimide Buffering Layer Enabling Silicon Nanoparticles Prolonged Cycling Life for Lithium Storage. <i>ACS Applied Energy Materials</i> , 2018, 1, 948-955.	2.5	12
187	Enhanced Reaction Kinetics of MnO ₂ Nanosheets with Oxygen Vacancies via Mild NH ₃ -H ₂ O Bath Treatment for Advanced Aqueous Supercapacitors. <i>ACS Applied Energy Materials</i> , 2022, 5, 7490-7502.	2.5	12
188	Supercapacitors: Monodisperse Metallic NiCoSe ₂ Hollow Sub-Microspheres: Formation Process, Intrinsic Charge-Storage Mechanism, and Appealing Pseudocapacitance as Highly Conductive Electrode for Electrochemical Supercapacitors (<i>Adv. Funct. Mater.</i> 13/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870082.	7.8	11
189	A Heavily Surface-Doped Polymer with the Bifunctional Catalytic Mechanism in Li-O ₂ Batteries. <i>IScience</i> , 2019, 14, 312-322.	1.9	11
190	Stabilization of a 4.7 V High-Voltage Nickel-Rich Layered Oxide Cathode for Lithium-Ion Batteries through Boron-Based Surface Residual Lithium-Tuned Interface Modification Engineering. <i>ChemElectroChem</i> , 2021, 8, 2014-2021.	1.7	11
191	A Thermally Chargeable Hybrid Supercapacitor with High Power Density for Directly Converting Heat to Electricity. <i>ACS Applied Energy Materials</i> , 2021, 4, 6055-6061.	2.5	11
192	Polydopamine grafted cross-linked polyacrylamide as robust binder for SiO/C anode toward high-stability lithium-ion battery. <i>Journal of Materials Science</i> , 2021, 56, 6337-6348.	1.7	11
193	Targeted Deposition in a Lithiophilic Silver-Modified 3D Cu Host for Lithium-Metal Anodes. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	11
194	MnO ₂ /carbon nanotube free-standing electrode recycled from spent manganese-oxygen battery as high-performance supercapacitor material. <i>Journal of Materials Science</i> , 2022, 57, 8818-8827.	1.7	11
195	Metal Oxides: Mesoporous NiCo ₂ O ₄ Nanowire Arrays Grown on Carbon Textiles as Binder-Free Flexible Electrodes for Energy Storage (<i>Adv. Funct. Mater.</i> 18/2014). <i>Advanced Functional Materials</i> , 2014, 24, 2736-2736.	7.8	10
196	Encapsulating Oxygen-Deficient TiNb ₂₄ O ₆₂ Microspheres by N-Doped Carbon Nanolayer Boosts Capacity and Stability of Lithium-Ion Battery. <i>Batteries and Supercaps</i> , 2020, 3, 1360-1369.	2.4	10
197	Deep Eutectic Solvent-Induced Polyacrylonitrile-Derived Hierarchical Porous Carbon for Zinc-Ion Hybrid Supercapacitors. <i>Batteries and Supercaps</i> , 2021, 4, 680-686.	2.4	10
198	Preparation and Enhanced Electrochemical Performance of MnO ₂ Nanosheets for Supercapacitors. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 1275-1279.	0.8	9

#	ARTICLE	IF	CITATIONS
199	An in situ confinement strategy to porous poly(3,4-ethylenedioxythiophene)/sulfur composites for lithium-sulfur batteries. RSC Advances, 2016, 6, 47858-47863.	1.7	9
200	Compressed and Crumpled Porous Carbon Electrode for High Volumetric Performance Electrical Double-Layer Capacitors. Energy Technology, 2019, 7, 1900209.	1.8	9
201	Tailored Hierarchical Porous Carbon through Template Modification for Antifreezing Quasi-Solid-State Zinc Ion Hybrid Supercapacitors. Advanced Energy and Sustainability Research, 2021, 2, 2000112.	2.8	9
202	Aerosol-assisted preparation of N-doped hierarchical porous carbon spheres cathodes toward high-stable lithium-ion capacitors. Journal of Materials Science, 2020, 55, 13127-13140.	1.7	8
203	Three-dimensional graphene nanosheets/carbon nanotube paper as flexible electrodes for electrochemical capacitors. RSC Advances, 2015, 5, 22173-22177.	1.7	7
204	Fabrication of a Covalent Triazine Framework Functional Interlayer for High-Performance Lithium-Sulfur Batteries. Nanomaterials, 2022, 12, 255.	1.9	7
205	Thermally Chargeable Ammonium-Ion Capacitor for Energy Storage and Low-Grade Heat Harvesting. Batteries and Supercaps, 2022, 5, .	2.4	7
206	Three-Dimensional Cross-Linked Binder Based on Ionic Bonding for a High-Performance SiO ₂ Anode in Lithium-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 4788-4795.	2.5	7
207	A Facile Surface Passivation Method to Stabilized Lithium Metal Anodes Facilitate the Practical Application of Quasi-Solid-State Batteries. Advanced Materials Interfaces, 2022, 9, .	1.9	6
208	Mesoporous Carbon: Li ₄ Ti ₅ O ₁₂ Nanoparticles Embedded in a Mesoporous Carbon Matrix as a Superior Anode Material for High Rate Lithium Ion Batteries (Adv. Energy Mater. 6/2012). Advanced Energy Materials, 2012, 2, 699-699.	10.2	5
209	Catalytic Growth of Graphitic Carbon-Coated Silicon as High-Performance Anodes for Lithium Storage. Energy Technology, 2019, 7, 1900502.	1.8	5
210	Self-supported TiN nanorod array/carbon textile as a lithium host that induces dendrite-free lithium plating with high rates and long cycle life. Journal of Materials Chemistry A, 2020, 8, 3293-3299.	5.2	5
211	Electrochemical behavior of Co ₃ O ₄ microspheres in aqueous LiOH solution. Rare Metals, 2011, 30, 90-93.	3.6	4
212	Li ₃ V ₂ (PO ₄) ₃ /nitrogen-doped reduced graphene oxide nanocomposite with enhanced lithium storage properties. Journal of Solid State Electrochemistry, 2016, 20, 1983-1990.	1.2	4
213	Successive Cationic and Anionic (De)intercalation/ Incorporation into an Ion-Doped Radical Conducting Polymer. Batteries and Supercaps, 2019, 2, 979-984.	2.4	4
214	Lithium-Ion Batteries: Operando Magnetometry Probing the Charge Storage Mechanism of CoO Lithium-Ion Batteries (Adv. Mater. 12/2021). Advanced Materials, 2021, 33, 2170093.	11.1	4
215	Thermally Chargeable Proton Capacitor Based on Redox-Active Effect for Energy Storage and Low-Grade Heat Conversion. Energy and Environmental Materials, 2023, 6, .	7.3	4
216	Capacitors: Flexible Films Derived from Electrospun Carbon Nanofibers Incorporated with Co ₃ O ₄ Hollow Nanoparticles as Self-Supported Electrodes for Electrochemical Capacitors (Adv. Funct. Mater. 31/2013). Advanced Functional Materials, 2013, 23, 3944-3944.	7.8	3

#	ARTICLE	IF	CITATIONS
217	Investigations on niobium tungsten oxide thin films for optical modulation. Journal of Materials Science, 2022, 57, 5361-5373.	1.7	3
218	Stabilizing Li Plating by a Fluorinated Hybrid Protective Layer. ACS Applied Energy Materials, 2021, 4, 14407-14414.	2.5	3
219	Titelbild: Confined Self-Assembly in Two-Dimensional Interlayer Space: Monolayered Mesoporous Carbon Nanosheets with In-Plane Orderly Arranged Mesopores and a Highly Graphitized Framework (Angew. Chem. 11/2018). Angewandte Chemie, 2018, 130, 2777-2777.	1.6	2
220	Nb ₃ O ₇ F mesocrystals: orientation formation and application in lithium ion capacitors. CrystEngComm, 2021, 23, 6012-6022.	1.3	2
221	Hierarchical porous carbon derived from elm bark mucus for efficient energy storage and conversion. Materials Chemistry and Physics, 2022, 277, 125450.	2.0	2
222	A High-Voltage Lithium-Metal Batteries Electrolyte Based on Fully-Methylated Pivalonitrile. Batteries and Supercaps, 2022, 5, .	2.4	2
223	Black TiO ₂ Nanomaterials for Lithium-Ion Batteries. , 2017, , 249-273.		1
224	HIERARCHICAL Li ₄ Ti ₅ O ₁₂ MICROSPHERES AS A HIGH POWER ANODE MATERIAL FOR LITHIUM ION BATTERIES. Journal of Molecular and Engineering Materials, 2013, 01, 1340013.	0.9	0
225	Supercapacitors: Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for High-Energy-Density Hybrid Supercapacitors (Adv. Electron. Mater. 2/2017). Advanced Electronic Materials, 2017, 3, .	2.6	0
226	EQCM Investigation of a Dual-Doped Polymer Electrode for Li-Ion Batteries with Improved Reversible Capacity. ACS Applied Materials & Interfaces, 0, , .	4.0	0