Chang-Zhou Yuan

List of Publications by Year
in descending order

159 papers	15,852 citations	23567 58 h-index	16650 123 g-index
159 all docs	159 docs citations	159 times ranked	14442 citing authors

#	Article	IF	Citations
1	Subâ€nanoscale Engineering of MoO₂ Clusters for Enhanced Sodium Storage. Energy and Environmental Materials, 2023, 6, .	12.8	34
2	V2CTx MXene and its derivatives: synthesis and recent progress in electrochemical energy storage applications. Rare Metals, 2022, 41, 775-797.	7.1	64
3	Construction of conductive Niâ€Coâ€molybdate solidâ€solution nanoparticles encapsulated in carbon nanofibers towards Liâ€ion batteries as highâ€rate anodes. Electrochimica Acta, 2022, 402, 139564.	5.2	6
4	Self-assembly construction of hollow Ti3C2Tx Submicro-Tubes towards efficient alkali metal ion storage. Chemical Engineering Journal, 2022, 433, 134506.	12.7	11
5	Non-lithium-based metal ion capacitors: recent advances and perspectives. Journal of Materials Chemistry A, 2022, 10, 357-378.	10.3	34
6	Additives to propylene carbonate-based electrolytes for lithium-ion capacitors. Rare Metals, 2022, 41, 1304-1313.	7.1	13
7	Green self-activation engineering of metalâ€“organic framework derived hollow nitrogen-doped carbon spheres towards supercapacitors. Journal of Materials Chemistry A, 2022, 10, 2932-2944.	10.3	24
8	Ultrasonic-Assisted Synthesis of N-Doped, Multicolor Carbon Dots toward Fluorescent Inks, Fluorescence Sensors, and Logic Gate Operations. Nanomaterials, 2022, 12, 312.	4.1	34
9	A three-in-one engineering strategy to achieve LiNi0.8Co0.1Mn0.1O2 cathodes with enhanced high-voltage cycle stability and high-rate capacities towards lithium storage. Journal of Power Sources, 2022, 524, 231035.	7.8	27
10	Singleâ€Crystal Nanoâ€Subunits Assembled Accordionâ€Shape WNb₂O₈ Framework with High Ionic/Electronic Conductivities towards Liâ€ion Capacitors. Small, 2022, 18, e2107987.	10.0	28
11	Hydrophobization Engineering of the Airâ€“Cathode Catalyst for Improved Oxygen Diffusion towards Efficient Zincâ€“Air Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	72
12	Hydrophobization Engineering of the Airâ€“Cathode Catalyst for Improved Oxygen Diffusion towards Efficient Zincâ€“Air Batteries. Angewandte Chemie, 2022, 134, .	2.0	12
13	Formation of solidâ€solution <scp> Co _x Ni _{1â^' x} CO ₃ </scp> as highâ€performance anode materials for lithiumâ€ion batteries. International Journal of Energy Research, 2022, 46, 9404-9413.	4.5	0
14	Facile solid-state synthesis of tetragonal CuFe2O4 spinels with improved infrared radiation performance. Ceramics International, 2022, 48, 10555-10561.	4.8	21
15	Sustainable fabrication of N-doped carbon quantum dots and their applications in fluorescent inks, Fe (III) detection and fluorescent films. Inorganic Chemistry Communication, 2022, 140, 109387.	3.9	10
16	Metallic Mo₂C Quantum Dots Confined in Functional Carbon Nanofiber Films toward Efficient Sodium Storage: Heterogeneous Interface Engineering and Charge-Storage Mechanism. ACS Applied Energy Materials, 2022, 5, 1114-1125.	5.1	16
17	Efficient Lithium Storage of Siâ€Based Anode Enabled by a Dualâ€Component Protection Strategy. Advanced Energy and Sustainability Research, 2022, 3, .	5.8	6
18	Efficient Activation Engineering from the Inside Out toward Hierarchically Porous Carbon Framework as Electrode Materials for Supercapacitors. ACS Applied Energy Materials, 2022, 5, 5719-5729.	5.1	6

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19	Sodium tungsten bronze-supported Pt electrocatalysts for the high-performance hydrogen evolution reaction. Catalysis Science and Technology, 2022, 12, 4498-4510.	4.1	11
20	Metallic Sodium Anodes for Advanced Sodium Metal Batteries: Progress, Challenges and Perspective. Chemical Record, 2022, 22, .	5.8	10
21	Recent Progress of Carbonâ€Based Anode Materials for Potassium Ion Batteries. Chemical Record, 2022, 22, .	5.8	6
22	Spray-drying construction of nickel/cobalt/molybdenum based nano carbides embedded in porous carbon microspheres for lithium-ion batteries as anodes. Electrochimica Acta, 2022, 424, 140678.	5.2	2
23	Re-understanding the galvanostatic intermittent titration technique: Pitfalls in evaluation of diffusion coefficients and rational suggestions. Journal of Power Sources, 2022, 543, 231843.	7.8	33
24	Flexible organic alkali-ion batteries. , 2021, , 353-382.		0
25	Designing Hierarchical Porous ZnO/ZnFe 2 O 4 Hybrid Nanofibers with Robust Core/Shell Heterostructure as Competitive Anodes for Efficient Lithium Storage. Energy Technology, 2021, 9, 2000869.	3.8	6
26	Unveiling composition/crystal structure-dependent electrochemical behaviors via experiments and first-principles calculations: rock-salt NiCoO2 vs. spinel Ni1.5Co1.5O4. Materials Today Energy, 2021, 19, 100592.	4.7	24
27	Flexible MoO₂ Nanocrystals@Nâ€doped Carbon Nanofibers Film as a Selfâ€Supporting Anode for Quasiâ€Solidâ€State Sodiumâ€Ion Batteries. Energy Technology, 2021, 9, .	3.8	11
28	Template-free formation of one-dimensional mesoporous ZnMn₂O₄ tube-in-tube nanofibers towards lithium-ion batteries as anode materials. CrystEngComm, 2021, 23, 7228-7236.	2.6	6
29	Unveiling Intrinsic Potassium Storage Behaviors of Hierarchical Nano Bi@Nâ€Doped Carbon Nanocages Framework via In Situ Characterizations. Angewandte Chemie - International Edition, 2021, 60, 7180-7187.	13.8	132
30	Unveiling Intrinsic Potassium Storage Behaviors of Hierarchical Nano Bi@Nâ€Doped Carbon Nanocages Framework via In Situ Characterizations. Angewandte Chemie, 2021, 133, 7256-7263.	2.0	19
31	Construction and Operating Mechanism of Highâ€Rate Moâ€Doped Na₃V₂(PO₄)₃@C Nanowires toward Practicable Wideâ€Temperatureâ€Tolerance Naâ€Ion and Hybrid Li/Naâ€Ion Batteries. Advanced Energy Materials, 2021, 11, 2100287.	19.5	88
32	Construction of mesoporous bimetallic (Ni, Co) organic framework microspheres for lithium-ion capacitors. Electrochemistry Communications, 2021, 125, 107006.	4.7	12
33	Laser irradiation construction of nanomaterials toward electrochemical energy storage and conversion: Ongoing progresses and challenges. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 1393-1421.	17.3	46
34	Rate Balance Design and Construction of a Conductive Ni_{0.5}Co_{0.5}MoO₄ Solid-Solution Microspherical Superstructure toward Advanced Hybrid Supercapacitors. ACS Applied Energy Materials, 2021, 4, 9470-9478.	5.1	7
35	Organicâ€“Inorganic Hybridization Engineering of Polyperylenediimide Cathodes for Efficient Potassium Storage. Angewandte Chemie - International Edition, 2021, 60, 23596-23601.	13.8	30
36	Organicâ€“Inorganic Hybridization Engineering of Polyperylenediimide Cathodes for Efficient Potassium Storage. Angewandte Chemie, 2021, 133, 23788.	2.0	4

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37	Rolled-up island-bridge (RIB): a new and general electrode configuration design for a wire-shaped stretchable micro-supercapacitor array. Journal of Materials Chemistry A, 2021, 9, 2899-2911.	10.3	25
38	Formation and operating mechanisms of single-crystalline perovskite NaNbO₃ nanocubes/few-layered Nb₂CT_x MXene hybrids towards Li-ion capacitors. Journal of Materials Chemistry A, 2021, 9, 20405-20416.	10.3	48
39	Magnetic Field Assisted Construction of Hollow Red P Nanospheres Confined in Hierarchical Nâ€Doped Carbon Nanosheets/Nanotubes 3D Framework for Efficient Potassium Storage. Advanced Energy Materials, 2021, 11, 2003429.	19.5	47
40	Recent Progress on In Situ/Operando Characterization of Rechargeable Alkali Ion Batteries. ChemPlusChem, 2021, 86, 1487-1496.	2.8	3
41	MOFs Derived Hetero-ZnO/Fe2O3 Nanoflowers with Enhanced Photocatalytic Performance towards Efficient Degradation of Organic Dyes. Nanomaterials, 2021, 11, 3239.	4.1	17
42	Polyvinylpyrrolidone gel based Pt/Ni(OH)₂ heterostructures with redistributing charges for enhanced alkaline hydrogen evolution reaction. Journal of Materials Chemistry A, 2021, 9, 27061-27071.	10.3	24
43	Surface/Interface Structure Degradation of Niâ€Rich Layered Oxide Cathodes toward Lithiumâ€Ion Batteries: Fundamental Mechanisms and Remedying Strategies. Advanced Materials Interfaces, 2020, 7, 1901749.	3.7	134
44	An Aqueous Batteryâ€“Pseudocapacitor Hybrid Capacitor Based on Conductive Coreâ€“Shell NiCoSe 2 @Co 9 Se 8 Hollow Nanospheres Hybridized with Nanoscale Ru 0.41 In 0.59 O y. Energy Technology, 2020, 8, 1901319.	3.8	12
45	Biâ€Metal (Zn, Mn) Metalâ€“Organic Frameworkâ€“Derived ZnMnO 3 Microâ€Sheets Wrapped Uniformly with Polypyrrole Conductive Network toward Highâ€Performance Liâ€Ion Batteries. Energy Technology, 2020, 8, 1901218.	3.8	7
46	Construction of Hierarchical Nanotubes Assembled from Ultrathin V₃S₄@C Nanosheets towards Alkaliâ€Ion Batteries with Ionâ€Dependent Electrochemical Mechanisms. Angewandte Chemie, 2020, 132, 2494-2503.	2.0	18
47	Construction of Hierarchical Nanotubes Assembled from Ultrathin V₃S₄@C Nanosheets towards Alkaliâ€Ion Batteries with Ionâ€Dependent Electrochemical Mechanisms. Angewandte Chemie - International Edition, 2020, 59, 2473-2482.	13.8	199
48	Inâ€Plane Assembled Singleâ€Crystalline Tâ€Nb₂O₅ Nanorods Derived from Fewâ€Layered Nb₂CT_x MXene Nanosheets for Advanced Liâ€Ion Capacitors. Small Methods, 2020, 4, 2000630.	8.6	87
49	Eco-friendly and scalable synthesis of micro-/mesoporous carbon sub-microspheres as competitive electrodes for supercapacitors and sodium-ion batteries. Applied Surface Science, 2020, 533, 147511.	6.1	42
50	Understanding the crystal structure-dependent electrochemical capacitance of spinel and rock-salt Niâ€“Co oxides via density function theory calculations. RSC Advances, 2020, 10, 35611-35618.	3.6	15
51	Polyacrylamide hydrogel-derived three-dimensional hierarchical porous N,S co-doped carbon frameworks for electrochemical capacitors. New Journal of Chemistry, 2020, 44, 21279-21287.	2.8	2
52	Efficient fabrication of spinel copper ferrite with enhanced high infrared radiation properties. Ceramics International, 2020, 46, 21166-21171.	4.8	14
53	Template-free construction of hollow ZnFe₂O₄ nanotubes coated with a nano-carbon layer as a competitive anode for Li-ion batteries. Nanoscale Advances, 2020, 2, 2284-2287.	4.6	3
54	Solid Solution Engineering of Coâ€“Ni-Based Ternary Molybdate Nanorods toward Hybrid Supercapacitors and Lithium-Ion Batteries as High-Performance Electrodes. ACS Applied Energy Materials, 2020, 3, 3955-3965.	5.1	32

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55	Facile Solvothermal Synthesis of Hollow BiOBr Submicrospheres with Enhanced Visible-Light-Responsive Photocatalytic Performance. Journal of Analytical Methods in Chemistry, 2020, 2020, 1-12.	1.6	6
56	Design and construction of bi-metal MOF-derived yolkâ€“shell Ni₂P/ZnP₂ hollow microspheres for efficient electrocatalytic oxygen evolution. Materials Chemistry Frontiers, 2020, 4, 1366-1374.	5.9	37
57	Precipitant-free solvothermal construction of spindle-like CoCO3/reduced graphene oxide hybrid anode toward high-performance lithium-ion batteries. Rare Metals, 2020, 39, 1082-1091.	7.1	42
58	Green Bio-template Fabrication of Fe Derivatives@Carbon Composites and Porous Carbon Sheets toward Advanced Li-Ion Capacitors as Low-Cost Electrodes. ACS Applied Energy Materials, 2020, 3, 7159-7166.	5.1	8
59	Efficient Laserâ€Induced Construction of Oxygenâ€Vacancy Abundant Nanoâ€ZnCo₂O₄/Porous Reduced Graphene Oxide Hybrids toward Exceptional Capacitive Lithium Storage. Small, 2020, 16, e2001526.	10.0	48
60	In-situ growth of hybrid NaTi8O13/NaTiO2 nanoribbons on layered MXene Ti3C2 as a competitive anode for high-performance sodium-ion batteries. Chinese Chemical Letters, 2020, 31, 2254-2258.	9.0	23
61	Facile hydrothermal construction of Nb2CT /Nb2O5 as a hybrid anode material for high-performance Li-ion batteries. Chinese Chemical Letters, 2020, 31, 1030-1033.	9.0	32
62	Coordination polymer nanowires/reduced graphene oxide paper as flexible anode for sodium-ion batteries. Science China Materials, 2020, 63, 1966-1972.	6.3	10
63	High-yield and in situ fabrication of high-content nitrogen-doped graphene nanoribbons@Co/CoOOH as an integrated sulfur host towards Liâ€“S batteries. Journal of Materials Chemistry A, 2020, 8, 3048-3059.	10.3	32
64	Construction of a multi-dimensional flexible MnS based paper electrode with ultra-stable and high-rate capability towards efficient sodium storage. Nanoscale, 2020, 12, 4119-4127.	5.6	19
65	Ni-rich LiNi0Â·8Co0Â·1Mn0Â·1O2 coated with Li-ion conductive Li3PO4 as competitive cathodes for high-energy-density lithium ion batteries. Electrochimica Acta, 2020, 340, 135871.	5.2	139
66	Construction of hierarchical square biscuit-shape BiOBr photocatalyst with enhanced visible-light-response photocatalytic activities. Materials Research Express, 2020, 7, 035906.	1.6	2
67	Conductive metalâ€organic frameworks: Recent advances in electrochemical energyâ€related applications and perspectives. , 2020, 2, 203-222.		75
68	Formation of Nanodimensional NiCoO₂ Encapsulated in Porous Nitrogen-Doped Carbon Submicrospheres from a Bimetallic (Ni, Co) Organic Framework toward Efficient Lithium Storage. ACS Applied Materials & Interfaces, 2019, 11, 32052-32061.	8.0	38
69	A two-dimensional assembly of ultrafine cobalt oxide nanocrystallites anchored on single-layer Ti₃C₂T_x nanosheets with enhanced lithium storage for Li-ion batteries. Nanoscale, 2019, 11, 16755-16766.	5.6	35
70	Unusual formation of hollow NiCoO₂ sub-microspheres by oxygen functional group dominated thermally induced mass relocation towards efficient lithium storage. Journal of Materials Chemistry A, 2019, 7, 18109-18117.	10.3	50
71	General and Scalable Fabrication of Coreâ€“Shell Metal Sulfides@C Anchored on 3D Nâ€Doped Foam toward Flexible Sodium Ion Batteries. Small, 2019, 15, e1903259.	10.0	62
72	Bottomâ€Up Fabrication of 1D Cuâ€based Conductive Metalâ€“Organic Framework Nanowires as a Highâ€Rate Anode towards Efficient Lithium Storage. ChemSusChem, 2019, 12, 5051-5058.	6.8	73

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73	Scalable Synthesis of Oneâ€Dimensional Mesoporous ZnMnO₃ Nanorods with Ultraâ€Stable and High Rate Capability for Efficient Lithium Storage. Chemistry - A European Journal, 2019, 25, 16683-16691.	3.3	8
74	Recent progress in flexible non-lithium based rechargeable batteries. Journal of Materials Chemistry A, 2019, 7, 4353-4382.	10.3	91
75	Hollow mesoporous hetero-ZnO/ZnMnO₃ microspheres: template-free formation process and enhanced lithium storage capability towards Li-ion batteries as a competitive anode. Journal of Materials Chemistry A, 2019, 7, 3264-3277.	10.3	69
76	Oneâ€Dimensional Nanostructured Pseudocapacitive Materials: Design, Synthesis and Applications in Supercapacitors. Batteries and Supercaps, 2019, 2, 820-841.	4.7	92
77	Synthesis of ultralong ZnFe2O4@polypyrrole nanowires with enhanced electrochemical Li-storage behaviors for lithium-ion batteries. Electrochimica Acta, 2019, 306, 198-208.	5.2	54
78	Intrinsic lithium storage mechanisms and superior electrochemical behaviors of monodispersed hierarchical CoCO3 sub-microspheroids as a competitive anode towards Li-ion batteries. Electrochimica Acta, 2019, 307, 20-29.	5.2	28
79	Comparative investigations of high-rate NaCrO₂ cathodes towards wide-temperature-tolerant pouch-type Na-ion batteries from â^'15 to 55 Â°C: nanowires vs. bulk. Journal of Materials Chemistry A, 2019, 7, 11915-11927.	10.3	40
80	In Situ Synthesis of Hierarchical Core Doubleâ€Shell Tiâ€Doped LiMnPO₄@NaTi₂(PO₄)₃@C/3D Graphene Cathode with Highâ€Rate Capability and Long Cycle Life for Lithiumâ€Ion Batteries. Advanced Energy Materials, 2019, 9, 1802847.	19.5	83
81	Sur-/interfacial regulation in all-solid-state rechargeable Li-ion batteries based on inorganic solid-state electrolytes: advances and perspectives. Materials Horizons, 2019, 6, 871-910.	12.2	67
82	Conductive Co-based metalâ€“organic framework nanowires: a competitive high-rate anode towards advanced Li-ion capacitors. Journal of Materials Chemistry A, 2019, 7, 24788-24791.	10.3	53
83	Efficient electrospinning fabrication and the underlying formation mechanism of one-dimensional monoclinic Li₂FeSiO₄ nanofibers. CrystEngComm, 2019, 21, 6340-6345.	2.6	4
84	Construction of 1D conductive Ni-MOF nanorods with fast Li⁺ kinetic diffusion and stable high-rate capacities as an anode for lithium ion batteries. Nanoscale Advances, 2019, 1, 4688-4691.	4.6	42
85	A Ternary Fe_{1â^'}_xS@Porous Carbon Nanowires/Reduced Graphene Oxide Hybrid Film Electrode with Superior Volumetric and Gravimetric Capacities for Flexible Sodium Ion Batteries. Advanced Energy Materials, 2019, 9, 1803052.	19.5	189
86	A General Eco-friendly Production of Bio-sources Derived Micro-/Mesoporous Carbons with Robust Supercapacitive Behaviors and Sodium-Ion Storage. ACS Sustainable Chemistry and Engineering, 2019, 7, 779-789.	6.7	44
87	Hierarchical flower-like conductive CoNiO2 microspheres constructed with ultrathin mesoporous nanosheets towards long-cycle-life hybrid supercapacitors. Journal of Alloys and Compounds, 2019, 779, 81-90.	5.5	39
88	Ultralong Layered NaCrO₂ Nanowires: A Competitive Wide-Temperature-Operating Cathode for Extraordinary High-Rate Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 4037-4046.	8.0	57
89	Spatially Selfâ€Confined Formation of Ultrafine NiCoO₂ Nanoparticles@Ultralong Amorphous Nâ€Doped Carbon Nanofibers as an Anode towards Efficient Capacitive Li⁺ Storage. Chemistry - A European Journal, 2019, 25, 863-873.	3.3	28
90	Facile construction of ultrathin SnOx nanosheets decorated MXene (Ti3C2) nanocomposite towards Li-ion batteries as high performance anode materials. Electrochimica Acta, 2019, 295, 237-245.	5.2	64

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91	Universal FeCl₃-Activating Strategy for Green and Scalable Fabrication of Sustainable Biomass-Derived Hierarchical Porous Nitrogen-Doped Carbons for Electrochemical Supercapacitors. ACS Applied Energy Materials, 2019, 2, 548-557.	5.1	131
92	Sustainable rose multiflora derived nitrogen/oxygen-enriched micro-/mesoporous carbon as a low-cost competitive electrode towards high-performance electrochemical supercapacitors. RSC Advances, 2018, 8, 9181-9191.	3.6	22
93	Supercapacitors: Monodisperse Metallic NiCoSe₂ Hollow Subâ€Microspheres: Formation Process, Intrinsic Chargeâ€Storage Mechanism, and Appealing Pseudocapacitance as Highly Conductive Electrode for Electrochemical Supercapacitors (Adv. Funct. Mater. 13/2018). Advanced Functional Materials, 2018, 28, 1870082.	14.9	11
94	Foxtail millet-derived highly fluorescent multi-heteroatom doped carbon quantum dots towards fluorescent inks and smart nanosensors for selective ion detection. New Journal of Chemistry, 2018, 42, 7326-7331.	2.8	22
95	Monodisperse Metallic NiCoSe₂ Hollow Subâ€Microspheres: Formation Process, Intrinsic Chargeâ€Storage Mechanism, and Appealing Pseudocapacitance as Highly Conductive Electrode for Electrochemical Supercapacitors. Advanced Functional Materials, 2018, 28, 1705921.	14.9	214
96	Nasicon-Type Surface Functional Modification in Coreâ€“Shell LiNi_{0.5}Mn_{0.3}Co_{0.2}O₂@NaTi₂(PO₄)₃ Cathode Enhances Its High-Voltage Cycling Stability and Rate Capacity toward Li-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 5498-5510.	8.0	145
97	In-situ construction of hierarchical accordion-like TiO2/Ti3C2 nanohybrid as anode material for lithium and sodium ion batteries. Electrochimica Acta, 2018, 271, 165-172.	5.2	132
98	Green and Facile Synthesis of Nitrogen and Phosphorus Co-Doped Carbon Quantum Dots towards Fluorescent Ink and Sensing Applications. Nanomaterials, 2018, 8, 386.	4.1	76
99	Structure-designed synthesis of yolkâ€“shell hollow ZnFe₂O₄/C@N-doped carbon sub-microspheres as a competitive anode for high-performance Li-ion batteries. Journal of Materials Chemistry A, 2018, 6, 17947-17958.	10.3	48
100	Uniform Hollow Mesoporous Nickel Cobalt Sulfide Microdumbbells: A Competitive Electrode with Exceptional Gravimetric/Volumetric Pseudocapacitance for Highâ€Energyâ€Density Hybrid Superapacitors. Advanced Electronic Materials, 2017, 3, 1600322.	5.1	38
101	Recent progresses in high-energy-density all pseudocapacitive-electrode-materials-based asymmetric supercapacitors. Journal of Materials Chemistry A, 2017, 5, 9443-9464.	10.3	278
102	Surâ€Interface Engineering of Hierarchical LiNi_{0.6}Mn_{0.2}Co_{0.2}O₂@LiCoPO₄@Graphene Architectures as Promising Highâ€Voltage Cathodes toward Advanced Liâ€Ion Batteries. Advanced Materials Interfaces, 2017, 4, 1700382.	3.7	38
103	Biomorphic template-engaged strategy towards porous zinc manganate micro-belts as a competitive anode for rechargeable lithium-ion batteries. International Journal of Hydrogen Energy, 2017, 42, 14154-14165.	7.1	15
104	Hollow mesoporous hetero-NiCo₂S₄/Co₉S₈ submicro-spindles: unusual formation and excellent pseudocapacitance towards hybrid supercapacitors. Journal of Materials Chemistry A, 2017, 5, 133-144.	10.3	249
105	Recent Progresses and Development of Advanced Atomic Layer Deposition towards High-Performance Li-Ion Batteries. Nanomaterials, 2017, 7, 325.	4.1	41
106	Comparative investigation of hollow mesoporous NiCo2S4 ellipsoids with enhanced pseudo-capacitances towards high-performance asymmetric supercapacitors. Electrochimica Acta, 2016, 214, 76-84.	5.2	117
107	A shiitake-derived nitrogen/oxygen/phosphorus co-doped carbon framework with hierarchical tri-modal porosity for high-performance electrochemical capacitors. RSC Advances, 2016, 6, 81527-81533.	3.6	12
108	Metal-organic-framework-derived two-dimensional ultrathin mesoporous hetero-ZnFe₂O₄/ZnO nanosheets with enhanced lithium storage properties for Li-ion batteries. Nanotechnology, 2016, 27, 465402.	2.6	34

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109	Self-sacrifice Template Formation of Hollow Hetero-Ni7S6/Co3S4 Nanoboxes with Intriguing Pseudo-capacitance for High-performance Electrochemical Capacitors. Scientific Reports, 2016, 6, 20973.	3.3	89
110	Lignite-derived mesoporous N- and O-enriched carbon sheet: a low-cost promising electrode for high-performance electrochemical capacitors. Journal of Solid State Electrochemistry, 2016, 20, 713-723.	2.5	17
111	Green Templateâ€Free Synthesis of Hierarchical Shuttleâ€Shaped Mesoporous ZnFe₂O₄ Microrods with Enhanced Lithium Storage for Advanced Liâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 13012-13019.	3.3	55
112	Hierarchical Porous ZnMn₂O₄ Hollow Nanotubes with Enhanced Lithium Storage toward Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 10771-10777.	3.3	86
113	Albumen-Derived Hierarchical Porous N- and O-Enriched Carbon towards High-Performance Electrochemical Capacitors. Journal of the Electrochemical Society, 2015, 162, A781-A786.	2.9	22
114	Heterostructured coreâ€“shell ZnMn₂O₄nanosheets@carbon nanotubesâ€™ coaxial nanocables: a competitive anode towards high-performance Li-ion batteries. Nanotechnology, 2015, 26, 145401.	2.6	55
115	Surfactant-assisted hydrothermal synthesis of ultrafine CoMoO₄Â·0.9H₂O nanorods towards high-performance supercapacitors. New Journal of Chemistry, 2015, 39, 5507-5512.	2.8	18
116	Coreâ€“shell ZnO/ZnFe₂O₄@C mesoporous nanospheres with enhanced lithium storage properties towards high-performance Li-ion batteries. Journal of Materials Chemistry A, 2015, 3, 20389-20398.	10.3	77
117	Hierarchical micro-/mesoporous N- and O-enriched carbon derived from disposable cashmere: a competitive cost-effective material for high-performance electrochemical capacitors. Green Chemistry, 2015, 17, 2373-2382.	9.0	252
118	Selfâ€Sacrifice Template Fabrication of Hierarchical Mesoporous Biâ€Componentâ€Active ZnO/ZnFe₂O₄ Subâ€Microcubes as Superior Anode Towards Highâ€Performance Lithiumâ€Ion Battery. Advanced Functional Materials, 2015, 25, 238-246.	14.9	334
119	Scalable Roomâ€Temperature Synthesis of Mesoporous Nanocrystalline ZnMn₂O₄ with Enhanced Lithium Storage Properties for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 1262-1268.	3.3	62
120	Enhanced Performance of Aqueous Sodiumâ€Ion Batteries Using Electrodes Based on the NaTi₂(PO₄)₃/MWNTsâ€“Na_{0.44}MnO₂ System. Energy Technology, 2014, 2, 705-712.	3.8	56
121	Mixed Transitionâ€Metal Oxides: Design, Synthesis, and Energyâ€Related Applications. Angewandte Chemie - International Edition, 2014, 53, 1488-1504.	13.8	2,019
122	Templateâ€Free Fabrication of Mesoporous Hollow ZnMn₂O₄ Subâ€microspheres with Enhanced Lithium Storage Capability towards Highâ€Performance Liâ€Ion Batteries. Particle and Particle Systems Characterization, 2014, 31, 657-663.	2.3	68
123	Mesoporous NaTi₂(PO₄)₃/CMK-3 nanohybrid as anode for long-life Na-ion batteries. Journal of Materials Chemistry A, 2014, 2, 20659-20666.	10.3	99
124	Synthesis of NASICON-type structured NaTi₂(PO₄)₃â€“graphene nanocomposite as an anode for aqueous rechargeable Na-ion batteries. Nanoscale, 2014, 6, 6328-6334.	5.6	152
125	Rapid low-temperature synthesis of mesoporous nanophase ZnFe₂O₄with enhanced lithium storage properties for Li-ion batteries. RSC Advances, 2014, 4, 49212-49218.	3.6	50
126	Template-engaged synthesis of uniform mesoporous hollow NiCo2O4 sub-microspheres towards high-performance electrochemical capacitors. RSC Advances, 2013, 3, 18573.	3.6	118

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127	Polymer-assisted synthesis of a 3D hierarchical porous network-like spinel NiCo2O4 framework towards high-performance electrochemical capacitors. Journal of Materials Chemistry A, 2013, 1, 11145.	10.3	160
128	Mesoporous N-containing carbon nanosheets towards high-performance electrochemical capacitors. Carbon, 2013, 64, 141-149.	10.3	82
129	Facile synthesis of Co2P2O7 nanorods as a promising pseudocapacitive material towards high-performance electrochemical capacitors. RSC Advances, 2013, 3, 21558.	3.6	44
130	Unusual electrochemical behavior of Ruâ€“Cr binary oxide-based aqueous symmetric supercapacitors in KOH solution. Electrochimica Acta, 2013, 88, 654-658.	5.2	14
131	Chemically tailoring the nanostructure of graphenenanosheets to confine sulfur for high-performance lithium-sulfur batteries. Journal of Materials Chemistry A, 2013, 1, 1096-1101.	10.3	180
132	Flexible Films Derived from Electrospun Carbon Nanofibers Incorporated with Co₃O₄ Hollow Nanoparticles as Selfâ€Supported Electrodes for Electrochemical Capacitors. Advanced Functional Materials, 2013, 23, 3909-3915.	14.9	233
133	Enhanced cycling performance and electrochemical reversibility of a novel sulfur-impregnated mesoporous hollow TiO2 sphere cathode for advanced Liâ€“S batteries. Nanoscale, 2013, 5, 5743.	5.6	90
134	Hierarchical NiCo₂O₄@MnO₂coreâ€“shell heterostructured nanowire arrays on Ni foam as high-performance supercapacitor electrodes. Chemical Communications, 2013, 49, 137-139.	4.1	622
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