

# Dongliang Chao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1337665/publications.pdf>

Version: 2024-02-01

129  
papers

20,787  
citations

12330

69  
h-index

15266

126  
g-index

134  
all docs

134  
docs citations

134  
times ranked

15545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Zn <sup>2+</sup> Ion Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1802564.	14.9	1,595
2	Array of nanosheets render ultrafast and high-capacity Na-ion storage by tunable pseudocapacitance. <i>Nature Communications</i> , 2016, 7, 12122.	12.8	1,232
3	Roadmap for advanced aqueous batteries: From design of materials to applications. <i>Science Advances</i> , 2020, 6, eaba4098.	10.3	1,069
4	Pseudocapacitive Na-Ion Storage Boosts High Rate and Areal Capacity of Self-Branched 2D Layered Metal Chalcogenide Nanoarrays. <i>ACS Nano</i> , 2016, 10, 10211-10219.	14.6	844
5	An Electrolytic Zn <sup>2+</sup> /MnO <sub>2</sub> Battery for High Voltage and Scalable Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7823-7828.	13.8	787
6	Nonaqueous Hybrid Lithium <sup>+</sup> Ion and Sodium <sup>+</sup> Ion Capacitors. <i>Advanced Materials</i> , 2017, 29, 1702093.	21.0	699
7	A High Rate and Stable Quasi-Solid-State Zinc Ion Battery with Novel 2D Layered Zinc Orthovanadate Array. <i>Advanced Materials</i> , 2018, 30, e1803181.	21.0	571
8	Simultaneous Regulation on Solvation Shell and Electrode Interface for Dendrite-Free Zn Ion Batteries Achieved by a Low-Cost Glucose Additive. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18247-18255.	13.8	529
9	Boosting Zinc Electrode Reversibility in Aqueous Electrolytes by Using Low-Cost Antisolvents. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7366-7375.	13.8	516
10	Graphene Quantum Dots Coated VO <sub>2</sub> Arrays for Highly Durable Electrodes for Li and Na Ion Batteries. <i>Nano Letters</i> , 2015, 15, 565-573.	9.1	493
11	A V <sub>2</sub> O <sub>5</sub> /Conductive Polymer Core/Shell Nanobelt Array on Three-Dimensional Graphite Foam: A High Rate, Ultrastable, and Freestanding Cathode for Lithium Ion Batteries. <i>Advanced Materials</i> , 2014, 26, 5794-5800.	21.0	450
12	Generic Synthesis of Carbon Nanotube Branches on Metal Oxide Arrays Exhibiting Stable High Rate and Long-Cycle Sodium Ion Storage. <i>Small</i> , 2016, 12, 3048-3058.	10.0	440
13	A New Type of Porous Graphite Foams and Their Integrated Composites with Oxide/Polymer Core/Shell Nanowires for Supercapacitors: Structural Design, Fabrication, and Full Supercapacitor Demonstrations. <i>Nano Letters</i> , 2014, 14, 1651-1658.	9.1	428
14	Self-Assembly of Honeycomb-Like MoS <sub>2</sub> Nanoarchitectures Anchored into Graphene Foam for Enhanced Lithium Ion Storage. <i>Advanced Materials</i> , 2014, 26, 7162-7169.	21.0	408
15	In Situ Grown Epitaxial Heterojunction Exhibits High-Performance Electrocatalytic Water Splitting. <i>Advanced Materials</i> , 2018, 30, e1705516.	21.0	375
16	All Metal Nitrides Solid-State Asymmetric Supercapacitors. <i>Advanced Materials</i> , 2015, 27, 4566-4571.	21.0	371
17	Solution synthesis of metal oxides for electrochemical energy storage applications. <i>Nanoscale</i> , 2014, 6, 5008-5048.	5.6	363
18	Confining Sulfur in Integrated Composite Scaffold with Highly Porous Carbon Fibers/Vanadium Nitride Arrays for High-Performance Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1706391.	14.9	350

#	ARTICLE	IF	CITATIONS
19	Transition metal dichalcogenides for alkali metal ion batteries: engineering strategies at the atomic level. <i>Energy and Environmental Science</i> , 2020, 13, 1096-1131.	30.8	266
20	Three-dimensional graphene and their integrated electrodes. <i>Nano Today</i> , 2014, 9, 785-807.	11.9	251
21	Ni <sub>3</sub> S <sub>2</sub> @MoS <sub>2</sub> core/shell nanorod arrays on Ni foam for high-performance electrochemical energy storage. <i>Nano Energy</i> , 2014, 7, 151-160.	16.0	245
22	Porous Fe <sub>2</sub> O <sub>3</sub> nanorods supported on carbon nanotubes-graphene foam as superior anode for lithium ion batteries. <i>Nano Energy</i> , 2014, 9, 364-372.	16.0	241
23	Mechanism for Zincophilic Sites on Zinc-Metal Anode Hosts in Aqueous Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003419.	19.5	233
24	TMD-based highly efficient electrocatalysts developed by combined computational and experimental approaches. <i>Chemical Society Reviews</i> , 2018, 47, 4332-4356.	38.1	232
25	Toward High-Voltage Aqueous Batteries: Super- or Low-Concentrated Electrolyte?. <i>Joule</i> , 2020, 4, 1846-1851.	24.0	223
26	Atomic Engineering Catalyzed MnO <sub>2</sub> Electrolysis Kinetics for a Hybrid Aqueous Battery with High Power and Energy Density. <i>Advanced Materials</i> , 2020, 32, e2001894.	21.0	221
27	Tubular TiC fibre nanostructures as supercapacitor electrode materials with stable cycling life and wide-temperature performance. <i>Energy and Environmental Science</i> , 2015, 8, 1559-1568.	30.8	210
28	Controllable Growth of Conducting Polymers Shell for Constructing High-Quality Organic/Inorganic Core/Shell Nanostructures and Their Optical-Electrochemical Properties. <i>Nano Letters</i> , 2013, 13, 4562-4568.	9.1	197
29	Flexible Quasi-Solid-State Sodium-Ion Capacitors Developed Using 2D Metal-Organic Framework Array as Reactor. <i>Advanced Energy Materials</i> , 2018, 8, 1702769.	19.5	195
30	Electronic Modulation of Non-van der Waals 2D Electrocatalysts for Efficient Energy Conversion. <i>Advanced Materials</i> , 2021, 33, e2008422.	21.0	190
31	Hierarchical Porous LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> Nano-/Micro Spherical Cathode Material: Minimized Cation Mixing and Improved Li <sup>+</sup> Mobility for Enhanced Electrochemical Performance. <i>Scientific Reports</i> , 2016, 6, 25771.	3.3	178
32	MoS <sub>2</sub> nanosheets decorated Ni <sub>3</sub> S <sub>2</sub> @MoS <sub>2</sub> coaxial nanofibers: Constructing an ideal heterostructure for enhanced Na-ion storage. <i>Nano Energy</i> , 2016, 20, 1-10.	16.0	178
33	Vanadate-Based Materials for Li-Ion Batteries: The Search for Anodes for Practical Applications. <i>Advanced Energy Materials</i> , 2019, 9, 1803324.	19.5	168
34	TiO <sub>2</sub> nanotube @ SnO <sub>2</sub> nanoflake core-shell branch arrays for lithium-ion battery anode. <i>Nano Energy</i> , 2014, 4, 105-112.	16.0	165
35	Ultrafast-Charging Supercapacitors Based on Corn-Like Titanium Nitride Nanostructures. <i>Advanced Science</i> , 2016, 3, 1500299.	11.2	163
36	Sodium Vanadium Fluorophosphates (NVOPF) Array Cathode Designed for High-Rate Full Sodium Ion Storage Device. <i>Advanced Energy Materials</i> , 2018, 8, 1800058.	19.5	157

#	ARTICLE	IF	CITATIONS
37	VO <sub>2</sub> nanoflake arrays for supercapacitor and Li-ion battery electrodes: performance enhancement by hydrogen molybdenum bronze as an efficient shell material. <i>Materials Horizons</i> , 2015, 2, 237-244.	12.2	152
38	Electron State Confinement of Polysulfides for Highly Stable Sodium Sulfur Batteries. <i>Advanced Materials</i> , 2020, 32, e1907557.	21.0	150
39	Sulfur-Based Aqueous Batteries: Electrochemistry and Strategies. <i>Journal of the American Chemical Society</i> , 2021, 143, 15475-15489.	13.7	148
40	Microscale Silicon-Based Anodes: Fundamental Understanding and Industrial Prospects for Practical High-Energy Lithium-Ion Batteries. <i>ACS Nano</i> , 2021, 15, 15567-15593.	14.6	146
41	Co <sup>2+/3+/4+</sup> Regulated Electron State of MnO for Superb Aqueous Zinc Manganese Oxide Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003203.	19.5	144
42	Graphene nanowires anchored to 3D graphene foam via self-assembly for high performance Li and Na ion storage. <i>Nano Energy</i> , 2017, 37, 108-117.	16.0	143
43	Revealing Principles for Design of Lean-Electrolyte Lithium Metal Anode via In Situ Spectroscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 2012-2022.	13.7	142
44	A scalable top-down strategy toward practical metrics of Ni-Zn aqueous batteries with total energy densities of 165 Wh kg <sup>-1</sup> and 506 Wh L <sup>-1</sup> . <i>Energy and Environmental Science</i> , 2020, 13, 4157-4167.	30.8	142
45	Novel Metal@Carbon Spheres Core-Shell Arrays by Controlled Self-Assembly of Carbon Nanospheres: A Stable and Flexible Supercapacitor Electrode. <i>Advanced Energy Materials</i> , 2015, 5, 1401709.	19.5	139
46	Multi-shell hollow structured Sb <sub>2</sub> S <sub>3</sub> for sodium-ion batteries with enhanced energy density. <i>Nano Energy</i> , 2019, 60, 591-599.	16.0	136
47	Intercalation Pseudocapacitive Behavior Powers Aqueous Batteries. <i>CheM</i> , 2019, 5, 1359-1361.	11.7	128
48	The origin of capacity fluctuation and rescue of dead Mn-based Zn-ion batteries: a Mn-based competitive capacity evolution protocol. <i>Energy and Environmental Science</i> , 2022, 15, 1106-1118.	30.8	124
49	Plasma of Hierarchical Graphene Survives SnS Bundles for Ultrastable and High Volumetric Na-ion Storage. <i>Advanced Materials</i> , 2018, 30, e1804833.	21.0	117
50	Unveiling the Advances of 2D Materials for Li/Na-S Batteries Experimentally and Theoretically. <i>Matter</i> , 2020, 2, 323-344.	10.0	115
51	An Electrolytic Zn-MnO <sub>2</sub> Battery for High Voltage and Scalable Energy Storage. <i>Angewandte Chemie</i> , 2019, 131, 7905-7910.	2.0	114
52	Integrated Photo-Supercapacitor Based on PEDOT Modified Printable Perovskite Solar Cell. <i>Advanced Materials Technologies</i> , 2016, 1, 1600074.	5.8	110
53	Rapid Pseudocapacitive Sodium Ion Response Induced by 2D Ultrathin Tin Monoxide Nanoarrays. <i>Advanced Functional Materials</i> , 2017, 27, 1606232.	14.9	108
54	Opportunities of Aqueous Manganese-Based Batteries with Deposition and Stripping Chemistry. <i>Advanced Energy Materials</i> , 2021, 11, 2002904.	19.5	107

#	ARTICLE	IF	CITATIONS
55	Self-branched $\text{MnO}_2/\text{MnO}_2$ heterojunction nanowires with enhanced pseudocapacitance. <i>Materials Horizons</i> , 2017, 4, 415-422.	12.2	105
56	Vertical graphene/Ti <sub>2</sub> Nb <sub>10</sub> O <sub>29</sub> /hydrogen molybdenum bronze composite arrays for enhanced lithium ion storage. <i>Energy Storage Materials</i> , 2018, 12, 137-144.	18.0	103
57	Enhanced Lithium Storage Performance of CuO Nanowires by Coating of Graphene Quantum Dots. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400499.	3.7	102
58	Recent progress in surface coating of layered $\text{LiNi}_x\text{Co}_y\text{Mn}_z\text{O}_2$ for lithium-ion batteries. <i>Materials Research Bulletin</i> , 2017, 96, 491-502.	5.2	102
59	Intercalation Na-ion storage in two-dimensional $\text{MoS}_2$ - $x\text{Se}_x$ and capacity enhancement by selenium substitution. <i>Energy Storage Materials</i> , 2018, 14, 136-142.	18.0	102
60	Hierarchical Confinement Effect with Zincophilic and Spatial Traps Stabilized Zn-Based Aqueous Battery. <i>Nano Letters</i> , 2022, 22, 4223-4231.	9.1	99
61	Borophene as Efficient Sulfur Hosts for Lithium-Sulfur Batteries: Suppressing Shuttle Effect and Improving Conductivity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15549-15555.	3.1	97
62	Simultaneous Regulation on Solvation Shell and Electrode Interface for Dendrite-Free Zn Ion Batteries Achieved by a Low-Cost Glucose Additive. <i>Angewandte Chemie</i> , 2021, 133, 18395-18403.	2.0	97
63	Graphene quantum dots-shielded $\text{Na}_3(\text{VO})_2(\text{PO}_4)_2\text{F}@C$ nanocuboids as robust cathode for Na-ion battery. <i>Energy Storage Materials</i> , 2016, 5, 198-204.	18.0	88
64	Boosting Zinc Electrode Reversibility in Aqueous Electrolytes by Using Low-Cost Antisolvents. <i>Angewandte Chemie</i> , 2021, 133, 7442-7451.	2.0	87
65	Targeted Synergy between Adjacent Co Atoms on Graphene Oxide as an Efficient New Electrocatalyst for $\text{LiCO}_2$ Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1904206.	14.9	86
66	Phase evolution of lithium intercalation dynamics in $2\text{H-MoS}_2$ . <i>Nanoscale</i> , 2017, 9, 7533-7540.	5.6	83
67	Flexible Pseudocapacitive Electrochromics via Inkjet Printing of Additive-Free Tungsten Oxide Nanocrystal Ink. <i>Advanced Energy Materials</i> , 2020, 10, 2000142.	19.5	82
68	Revealing the Origin of Improved Reversible Capacity of Dual-Shell Bismuth Boxes Anode for Potassium-Ion Batteries. <i>Matter</i> , 2019, 1, 1681-1693.	10.0	81
69	A low-cost and one-step synthesis of N-doped monolithic quasi-graphene films with porous carbon frameworks for Li-ion batteries. <i>Nano Energy</i> , 2015, 17, 43-51.	16.0	73
70	High-rate and ultra-stable Na-ion storage for $\text{Ni}_3\text{S}_2$ nanoarrays via self-adaptive pseudocapacitance. <i>Electrochimica Acta</i> , 2018, 265, 709-716.	5.2	70
71	Partial Nitridation-Induced Electrochemistry Enhancement of Ternary Oxide Nanosheets for Fiber Energy Storage Device. <i>Advanced Energy Materials</i> , 2018, 8, 1800685.	19.5	70
72	An Energetic $\text{CuS}/\text{Cu}$ Battery System Based on $\text{CuS}$ Nanosheet Arrays. <i>ACS Nano</i> , 2021, 15, 5420-5427.	14.6	66

#	ARTICLE	IF	CITATIONS
73	Al <sub>2</sub> O <sub>3</sub> -Assisted Confinement Synthesis of Oxide/Carbon Hollow Composite Nanofibers and Application in Metal-Ion Capacitors. <i>Small</i> , 2020, 16, e2001950.	10.0	65
74	Is borophene a suitable anode material for sodium ion battery?. <i>Journal of Alloys and Compounds</i> , 2017, 704, 152-159.	5.5	62
75	Self-adaptive electrochemical reconstruction boosted exceptional Li <sup>+</sup> ion storage in a Cu <sub>3</sub> P@C anode. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18821-18826.	10.3	60
76	Amorphous VO <sub>2</sub> : A Pseudocapacitive Platform for High-Rate Symmetric Batteries. <i>Advanced Materials</i> , 2021, 33, e2103736.	21.0	60
77	Ultrathin MoSe <sub>2</sub> @N-doped carbon composite nanospheres for stable Na-ion storage. <i>Nanotechnology</i> , 2017, 28, 42LT01.	2.6	55
78	Toward greener lithium-ion batteries: Aqueous binder-based LiNi <sub>0.4</sub> Co <sub>0.2</sub> Mn <sub>0.4</sub> O <sub>2</sub> cathode material with superior electrochemical performance. <i>Journal of Power Sources</i> , 2017, 372, 180-187.	7.8	54
79	Aqueous zinc-ion batteries at extreme temperature: Mechanisms, challenges, and strategies. <i>Energy Storage Materials</i> , 2022, 51, 683-718.	18.0	54
80	Catalytic Oxidation of K <sub>2</sub> S via Atomic Co and Pyridinic N Synergy in Potassium-Sulfur Batteries. <i>Journal of the American Chemical Society</i> , 2021, 143, 16902-16907.	13.7	53
81	Atomic-Layer-Deposited Amorphous MoS <sub>2</sub> for Durable and Flexible Li-O <sub>2</sub> Batteries. <i>Small Methods</i> , 2020, 4, 1900274.	8.6	52
82	MoS <sub>2</sub> architectures supported on graphene foam/carbon nanotube hybrid films: highly integrated frameworks with ideal contact for superior lithium storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17534-17543.	10.3	51
83	1D nanobar-like LiNi <sub>0.4</sub> Co <sub>0.2</sub> Mn <sub>0.4</sub> O <sub>2</sub> as a stable cathode material for lithium-ion batteries with superior long-term capacity retention and high rate capability. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15669-15675.	10.3	51
84	Design rules of heteroatom-doped graphene to achieve high performance lithium-sulfur batteries: Both strong anchoring and catalysing based on first principles calculation. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 426-431.	9.4	50
85	Energetic Aqueous Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	48
86	Amorphous GaN@Cu Freestanding Electrode for High-Performance Li-Ion Batteries. <i>Advanced Functional Materials</i> , 2017, 27, 1701808.	14.9	47
87	Hollow nickel nanocorn arrays as three-dimensional and conductive support for metal oxides to boost supercapacitive performance. <i>Nanoscale</i> , 2014, 6, 5691-5697.	5.6	42
88	The roles of lithium-philic giant nitrogen-doped graphene in protecting micron-sized silicon anode from fading. <i>Scientific Reports</i> , 2015, 5, 15665.	3.3	42
89	Refined Sulfur Nanoparticles Immobilized in Metal-Organic Polyhedron as Stable Cathodes for Li-S Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 14328-14333.	8.0	42
90	Constructing Unique Mesoporous Carbon Superstructures via Monomicelle Interface Confined Assembly. <i>Journal of the American Chemical Society</i> , 2022, 144, 11767-11777.	13.7	41

#	ARTICLE	IF	CITATIONS
91	Improvement in high-temperature performance of Co-free high-Fe AB <sub>5</sub> -type hydrogen storage alloys. International Journal of Hydrogen Energy, 2012, 37, 12375-12383.	7.1	40
92	Making MXenes more energetic in aqueous battery. Matter, 2022, 5, 8-10.	10.0	36
93	Repeated microwave-assisted exfoliation of expandable graphite for the preparation of large scale and high quality multi-layer graphene. RSC Advances, 2013, 3, 11601.	3.6	35
94	2D-VN <sub>2</sub> MXene as a novel anode material for Li, Na and K ion batteries: Insights from the first-principles calculations. Journal of Colloid and Interface Science, 2021, 593, 51-58.	9.4	35
95	Microwave-assisted production of giant graphene sheets for high performance energy storage applications. Journal of Materials Chemistry A, 2014, 2, 12166-12170.	10.3	34
96	Revealing the Magnesium Storage Mechanism in Mesoporous Bismuth via Spectroscopy and Ab Initio Simulations. Angewandte Chemie - International Edition, 2020, 59, 21728-21735.	13.8	34
97	Interface Synergistic Effect from Layered Metal Sulfides of MoS <sub>2</sub> /SnS <sub>2</sub> van der Waals Heterojunction with Enhanced Li-Ion Storage Performance. Journal of Physical Chemistry C, 2018, 122, 24600-24608.	3.1	32
98	A 2.0 V capacitive device derived from shape-preserved metal nitride nanorods. Nano Energy, 2016, 26, 1-6.	16.0	31
99	Confined Fe <sub>2</sub> O <sub>3</sub> Nanoparticles on Graphite Foam as High-Rate and Stable Lithium-Ion Battery Anode. Particle and Particle Systems Characterization, 2016, 33, 487-492.	2.3	29
100	Surface-Electronic-Structure Reconstruction of Perovskite via Double-Cation Gradient Etching for Superior Water Oxidation. Nano Letters, 2021, 21, 8166-8174.	9.1	29
101	Heterogeneous Nanostructures for Sodium Ion Batteries and Supercapacitors. ChemNanoMat, 2015, 1, 458-476.	2.8	28
102	Unusual Mesoporous Titanium Niobium Oxides Realizing Sodium-Ion Batteries Operated at ~40°C. Advanced Materials, 2022, 34, e2202873.	21.0	28
103	Advanced <i>in situ</i> technology for Li/Na metal anodes: an in-depth mechanistic understanding. Energy and Environmental Science, 2021, 14, 3872-3911.	30.8	27
104	Theoretical calculation and experimental verification of Zn <sub>3</sub> V <sub>3</sub> O <sub>8</sub> as an insertion type anode for LIBs. Journal of Alloys and Compounds, 2018, 730, 228-233.	5.5	23
105	Ag Embedded Li <sub>3</sub> VO <sub>4</sub> as Superior Anode for Li-Ion Batteries. Journal of the Electrochemical Society, 2019, 166, A5295-A5300.	2.9	22
106	Nanoengineering of 2D tin sulfide nanoflake arrays incorporated on polyaniline nanofibers with boosted capacitive behavior. 2D Materials, 2018, 5, 031005.	4.4	20
107	Surfactant-assisted encapsulation of uniform SnO <sub>2</sub> nanoparticles in graphene layers for high-performance Li-storage. 2D Materials, 2015, 2, 014005.	4.4	18
108	Hierarchical porous LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> with yolk-shell-like architecture as stable cathode material for lithium-ion batteries. RSC Advances, 2020, 10, 18776-18783.	3.6	18

#	ARTICLE	IF	CITATIONS
109	Atomic engineering promoted electrooxidation kinetics of manganese-based cathode for stable aqueous zinc-ion batteries. <i>Nano Research</i> , 2022, 15, 8603-8612.	10.4	17
110	Microstructures and electrochemical properties of $\text{LaNi}_{3.8}\text{Mn}_x$ hydrogen storage alloys. <i>Electrochimica Acta</i> , 2011, 58, 668-673.	5.2	16
111	Composition optimization and electrochemical characteristics of Co-free Fe-containing AB5-type hydrogen storage alloys through uniform design. <i>Journal of Rare Earths</i> , 2012, 30, 361-366.	4.8	14
112	Large size nitrogen-doped graphene-coated graphite for high performance lithium-ion battery anode. <i>RSC Advances</i> , 2016, 6, 104010-104015.	3.6	14
113	Hierarchical vertical graphene nanotube arrays via universal carbon plasma processing strategy: A platform for high-rate performance battery electrodes. <i>Energy Storage Materials</i> , 2019, 18, 462-469.	18.0	14
114	Hydrogenated dual-shell sodium titanate cubes for sodium-ion batteries with optimized ion transportation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15829-15833.	10.3	14
115	Steep capacity loss of discharged state metal-hydride electrode and its mechanism. <i>Electrochimica Acta</i> , 2012, 66, 22-27.	5.2	9
116	Synchrotron X-ray Spectroscopic Investigations of In Situ Formed Alloy Anodes for Magnesium Batteries. <i>Advanced Materials</i> , 2022, 34, e2108688.	21.0	9
117	Effects of Co Substitution for Ni on Microstructures and Electrochemical Properties of $\text{LaNi}_{3.8}$ Hydrogen Storage Alloys. <i>Rare Metal Materials and Engineering</i> , 2014, 43, 519-524.	0.8	6
118	Three-dimensional $\text{TiNb}_2\text{O}_7$ anchored on carbon nanofiber core-shell arrays as an anode for high-rate lithium ion storage. <i>RSC Advances</i> , 2020, 10, 6342-6350.	3.6	6
119	Revealing the Magnesium Storage Mechanism in Mesoporous Bismuth via Spectroscopy and Ab Initio Simulations. <i>Angewandte Chemie</i> , 2020, 132, 21912-21919.	2.0	4
120	C-plasma derived precise volumetric buffering for high-rate and stable alloying-type energy storage. <i>Nano Energy</i> , 2021, 80, 105557.	16.0	4
121	Influence factors of capacity loss after short-time standing of metal-hydride electrode and its EIS model. <i>Journal of Rare Earths</i> , 2013, 31, 772-777.	4.8	3
122	Hybrid Aqueous Batteries: Atomic Engineering Catalyzed $\text{MnO}_2$ Electrolysis Kinetics for a Hybrid Aqueous Battery with High Power and Energy Density ( <i>Adv. Mater.</i> 25/2020). <i>Advanced Materials</i> , 2020, 32, 2070191.	21.0	3
123	Phosphorus-Regulated Nitrogen Sites in Ultrathin Carbon Scrolls for Stable Potassium Storage. <i>ACS Applied Energy Materials</i> , 2022, 5, 8526-8537.	5.1	2
124	Vanadium Pentoxide for Li-Ion Storage. <i>Springer Theses</i> , 2019, , 29-50.	0.1	1
125	Vanadium Dioxide for Li- and Na-Ion Storage. <i>Springer Theses</i> , 2019, , 51-73.	0.1	0
126	$\text{Na}_3(\text{VO})_2(\text{PO}_4)_2\text{F}$ Array for Cathode of Na-Ion Battery. <i>Springer Theses</i> , 2019, , 75-91.	0.1	0

#	ARTICLE	IF	CITATIONS
127	Graphene Network Scaffolded Flexible Electrodesâ€”From Lithium to Sodium Ion Batteries. Springer Theses, 2019, , .	0.1	0
128	SnS Array for Anode of Na-Ion Battery. Springer Theses, 2019, , 93-115.	0.1	0
129	Graphene Quantum Dots Coating Enhances Lithium Storage Performance of CuO Nanowires. , 2015, , .		0