Dongliang Chao

List of Publications by Year
in descending order

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129	20,787	12330	15266
papers	citations	69 h-index	126 g-index

134	134	134	15545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The origin of capacity fluctuation and rescue of dead Mn-based Znâ€“ion batteries: a Mn-based competitive capacity evolution protocol. Energy and Environmental Science, 2022, 15, 1106-1118.	30.8	124
2	Synchrotron Xâ€ray Spectroscopic Investigations of Inâ€Situâ€Formed Alloy Anodes for Magnesium Batteries. Advanced Materials, 2022, 34, e2108688.	21.0	9
3	Making MXenes more energetic in aqueous battery. Matter, 2022, 5, 8-10.	10.0	36
4	Hierarchical Confinement Effect with Zincophilic and Spatial Traps Stabilized Zn-Based Aqueous Battery. Nano Letters, 2022, 22, 4223-4231.	9.1	99
5	Unusual Mesoporous Titanium Niobium Oxides Realizing Sodiumâ€ion Batteries Operated at â^'40ÂÂ°C. Advanced Materials, 2022, 34, e2202873.	21.0	28
6	Energetic Aqueous Batteries. Advanced Energy Materials, 2022, 12, .	19.5	48
7	Constructing Unique Mesoporous Carbon Superstructures via Monomicelle Interface Confined Assembly. Journal of the American Chemical Society, 2022, 144, 11767-11777.	13.7	41
8	Atomic engineering promoted electrooxidation kinetics of manganese-based cathode for stable aqueous zinc-ion batteries. Nano Research, 2022, 15, 8603-8612.	10.4	17
9	Phosphorus-Regulated Nitrogen Sites in Ultrathin Carbon Scrolls for Stable Potassium Storage. ACS Applied Energy Materials, 2022, 5, 8526-8537.	5.1	2
10	Aqueous zinc-ion batteries at extreme temperature: Mechanisms, challenges, and strategies. Energy Storage Materials, 2022, 51, 683-718.	18.0	54
11	Opportunities of Aqueous Manganeseâ€Based Batteries with Deposition and Stripping Chemistry. Advanced Energy Materials, 2021, 11, 2002904.	19.5	107
12	C-plasma derived precise volumetric buffering for high-rate and stable alloying-type energy storage. Nano Energy, 2021, 80, 105557.	16.0	4
13	Advancedin situtechnology for Li/Na metal anodes: an in-depth mechanistic understanding. Energy and Environmental Science, 2021, 14, 3872-3911.	30.8	27
14	Mechanism for Zincophilic Sites on Zincâ€Metal Anode Hosts in Aqueous Batteries. Advanced Energy Materials, 2021, 11, 2003419.	19.5	233
15	Boosting Zinc Electrode Reversibility in Aqueous Electrolytes by Using Lowâ€Cost Antisolvents. Angewandte Chemie, 2021, 133, 7442-7451.	2.0	87
16	Boosting Zinc Electrode Reversibility in Aqueous Electrolytes by Using Lowâ€Cost Antisolvents. Angewandte Chemie - International Edition, 2021, 60, 7366-7375.	13.8	516
17	An Energetic CuSâ€“Cu Battery System Based on CuS Nanosheet Arrays. ACS Nano, 2021, 15, 5420-5427.	14.6	66
18	Electronic Modulation of Nonâ€van der Waals 2D Electrocatalysts for Efficient Energy Conversion. Advanced Materials, 2021, 33, e2008422.	21.0	190

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19	2D-VN2 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
20	Simultaneous Regulation on Solvation Shell and Electrode Interface for Dendriteâ€Free Zn Ion Batteries Achieved by a Lowâ€Cost Glucose Additive. Angewandte Chemie - International Edition, 2021, 60, 18247-18255.	13.8	529
21	Simultaneous Regulation on Solvation Shell and Electrode Interface for Dendriteâ€Free Zn Ion Batteries Achieved by a Lowâ€Cost Glucose Additive. Angewandte Chemie, 2021, 133, 18395-18403.	2.0	97
22	Surface-Electronic-Structure Reconstruction of Perovskite via Double-Cation Gradient Etching for Superior Water Oxidation. Nano Letters, 2021, 21, 8166-8174.	9.1	29
23	Sulfur-Based Aqueous Batteries: Electrochemistry and Strategies. Journal of the American Chemical Society, 2021, 143, 15475-15489.	13.7	148
24	Microscale Silicon-Based Anodes: Fundamental Understanding and Industrial Prospects for Practical High-Energy Lithium-Ion Batteries. ACS Nano, 2021, 15, 15567-15593.	14.6	146
25	Co^{2+/3+/4+}â€Regulated Electron State of Mnâ€O for Superb Aqueous Zincâ€Manganese Oxide Batteries. Advanced Energy Materials, 2021, 11, 2003203.	19.5	144
26	Catalytic Oxidation of K₂S via Atomic Co and Pyridinic N Synergy in Potassiumâ€“Sulfur Batteries. Journal of the American Chemical Society, 2021, 143, 16902-16907.	13.7	53
27	Amorphous VO₂: A Pseudocapacitive Platform for Highâ€Rate Symmetric Batteries. Advanced Materials, 2021, 33, e2103736.	21.0	60
28	Atomicâ€Layerâ€Deposited Amorphous MoS₂ for Durable and Flexible Liâ€“O₂ Batteries. Small Methods, 2020, 4, 1900274.	8.6	52
29	Revealing Principles for Design of Lean-Electrolyte Lithium Metal Anode via In Situ Spectroscopy. Journal of the American Chemical Society, 2020, 142, 2012-2022.	13.7	142
30	Toward High-Voltage Aqueous Batteries: Super- or Low-Concentrated Electrolyte?. Joule, 2020, 4, 1846-1851.	24.0	223
31	Revealing the Magnesiumâ€Storage Mechanism in Mesoporous Bismuth via Spectroscopy and Abâ€Initio Simulations. Angewandte Chemie - International Edition, 2020, 59, 21728-21735.	13.8	34
32	Revealing the Magnesiumâ€Storage Mechanism in Mesoporous Bismuth via Spectroscopy and Abâ€Initio Simulations. Angewandte Chemie, 2020, 132, 21912-21919.	2.0	4
33	Atomic Engineering Catalyzed MnO₂ Electrolysis Kinetics for a Hybrid Aqueous Battery with High Power and Energy Density. Advanced Materials, 2020, 32, e2001894.	21.0	221
34	Hierarchical porous LiNi_{1/3}Co_{1/3}Mn_{1/3}O₂ with yolkâ€“shell-like architecture as stable cathode material for lithium-ion batteries. RSC Advances, 2020, 10, 18776-18783.	3.6	18
35	A scalable top-down strategy toward practical metrics of Niâ€“Zn aqueous batteries with total energy densities of 165 W h kg^{â^'1} and 506 W h L^{â^'1}. Energy and Environmental Science, 2020, 13, 4157-4167.	30.8	142
36	Flexible Pseudocapacitive Electrochromics via Inkjet Printing of Additiveâ€Free Tungsten Oxide Nanocrystal Ink. Advanced Energy Materials, 2020, 10, 2000142.	19.5	82

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37	Unveiling the Advances of 2D Materials for Li/Na-S Batteries Experimentally and Theoretically. Matter, 2020, 2, 323-344.	10.0	115
38	Al₂O₃â€Assisted Confinement Synthesis of Oxide/Carbon Hollow Composite Nanofibers and Application in Metalâ€Ion Capacitors. Small, 2020, 16, e2001950.	10.0	65
39	Hybrid Aqueous Batteries: Atomic Engineering Catalyzed MnO₂ Electrolysis Kinetics for a Hybrid Aqueous Battery with High Power and Energy Density (Adv. Mater. 25/2020). Advanced Materials, 2020, 32, 2070191.	21.0	3
40	Three-dimensional TiNb₂O₇ anchored on carbon nanofiber coreâ€“shell arrays as an anode for high-rate lithium ion storage. RSC Advances, 2020, 10, 6342-6350.	3.6	6
41	Electronâ€State Confinement of Polysulfides for Highly Stable Sodiumâ€“Sulfur Batteries. Advanced Materials, 2020, 32, e1907557.	21.0	150
42	Transition metal dichalcogenides for alkali metal ion batteries: engineering strategies at the atomic level. Energy and Environmental Science, 2020, 13, 1096-1131.	30.8	266
43	Hydrogenated dual-shell sodium titanate cubes for sodium-ion batteries with optimized ion transportation. Journal of Materials Chemistry A, 2020, 8, 15829-15833.	10.3	14
44	Roadmap for advanced aqueous batteries: From design of materials to applications. Science Advances, 2020, 6, eaba4098.	10.3	1,069
45	Hierarchical vertical graphene nanotube arrays via universal carbon plasma processing strategy: A platform for high-rate performance battery electrodes. Energy Storage Materials, 2019, 18, 462-469.	18.0	14
46	Intercalation Pseudocapacitive Behavior Powers Aqueous Batteries. CheM, 2019, 5, 1359-1361.	11.7	128
47	Targeted Synergy between Adjacent Co Atoms on Graphene Oxide as an Efficient New Electrocatalyst for Liâ€“CO₂ Batteries. Advanced Functional Materials, 2019, 29, 1904206.	14.9	86
48	Revealing the Origin of Improved Reversible Capacity of Dual-Shell Bismuth Boxes Anode for Potassium-Ion Batteries. Matter, 2019, 1, 1681-1693.	10.0	81
49	An Electrolytic Znâ€“MnO₂ Battery for Highâ€Voltage and Scalable Energy Storage. Angewandte Chemie, 2019, 131, 7905-7910.	2.0	114
50	An Electrolytic Znâ€“MnO₂ Battery for Highâ€Voltage and Scalable Energy Storage. Angewandte Chemie - International Edition, 2019, 58, 7823-7828.	13.8	787
51	Multi-shell hollow structured Sb2S3 for sodium-ion batteries with enhanced energy density. Nano Energy, 2019, 60, 591-599.	16.0	136
52	Vanadateâ€Based Materials for Liâ€Ion Batteries: The Search for Anodes for Practical Applications. Advanced Energy Materials, 2019, 9, 1803324.	19.5	168
53	Vanadium Pentoxide for Li-Ion Storage. Springer Theses, 2019, , 29-50.	0.1	1
54	Vanadium Dioxide for Li- and Na-Ion Storage. Springer Theses, 2019, , 51-73.	0.1	0

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55	Na3(VO)2(PO4)2F Array for Cathode of Na-Ion Battery. Springer Theses, 2019, , 75-91.	0.1	0
56	Ag Embedded Li₃VO₄ as Superior Anode for Li-Ion Batteries. Journal of the Electrochemical Society, 2019, 166, A5295-A5300.	2.9	22
57	Graphene Network Scaffolded Flexible Electrodesâ€"From Lithium to Sodium Ion Batteries. Springer Theses, 2019, , .	0.1	0
58	SnS Array for Anode of Na-Ion Battery. Springer Theses, 2019, , 93-115.	0.1	0
59	Intercalation Na-ion storage in two-dimensional MoS2-xSex and capacity enhancement by selenium substitution. Energy Storage Materials, 2018, 14, 136-142.	18.0	102
60	Nanoengineering of 2D tin sulfide nanoflake arrays incorporated on polyaniline nanofibers with boosted capacitive behavior. 2D Materials, 2018, 5, 031005.	4.4	20
61	High-rate and ultra-stable Na-ion storage for Ni3S2 nanoarrays via self-adaptive pseudocapacitance. Electrochimica Acta, 2018, 265, 709-716.	5.2	70
62	In Situ Grown Epitaxial Heterojunction Exhibits Highâ€Performance Electrocatalytic Water Splitting. Advanced Materials, 2018, 30, e1705516.	21.0	375
63	Flexible Quasiâ€Solidâ€State Sodiumâ€Ion Capacitors Developed Using 2D Metalâ€"Organicâ€Framework Array as Reactor. Advanced Energy Materials, 2018, 8, 1702769.	19.5	195
64	Confining Sulfur in Integrated Composite Scaffold with Highly Porous Carbon Fibers/Vanadium Nitride Arrays for Highâ€Performance Lithiumâ€"Sulfur Batteries. Advanced Functional Materials, 2018, 28, 1706391.	14.9	350
65	TMD-based highly efficient electrocatalysts developed by combined computational and experimental approaches. Chemical Society Reviews, 2018, 47, 4332-4356.	38.1	232
66	Sodium Vanadium Fluorophosphates (NVOPF) Array Cathode Designed for Highâ€Rate Full Sodium Ion Storage Device. Advanced Energy Materials, 2018, 8, 1800058.	19.5	157
67	Theoretical calculation and experimental verification of Zn3V3O8 as an insertion type anode for LIBs. Journal of Alloys and Compounds, 2018, 730, 228-233.	5.5	23
68	Vertical graphene/Ti2Nb10O29/hydrogen molybdenum bronze composite arrays for enhanced lithium ion storage. Energy Storage Materials, 2018, 12, 137-144.	18.0	103
69	Self-adaptive electrochemical reconstruction boosted exceptional Li⁺ ion storage in a Cu₃P@C anode. Journal of Materials Chemistry A, 2018, 6, 18821-18826.	10.3	60
70	Câ€Plasma of Hierarchical Graphene Survives SnS Bundles for Ultrastable and High Volumetric Naâ€Ion Storage. Advanced Materials, 2018, 30, e1804833.	21.0	117
71	Interface Synergistic Effect from Layered Metal Sulfides of MoS₂/SnS₂ van der Waals Heterojunction with Enhanced Li-Ion Storage Performance. Journal of Physical Chemistry C, 2018, 122, 24600-24608.	3.1	32
72	A Highâ€Rate and Stable Quasiâ€Solidâ€State Zincâ€Ion Battery with Novel 2D Layered Zinc Orthovanadate Array. Advanced Materials, 2018, 30, e1803181.	21.0	571

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73	Partial Nitridationâ€Induced Electrochemistry Enhancement of Ternary Oxide Nanosheets for Fiber Energy Storage Device. Advanced Energy Materials, 2018, 8, 1800685.	19.5	70
74	Recent Advances in Znâ€Ion Batteries. Advanced Functional Materials, 2018, 28, 1802564.	14.9	1,595
75	Design rules of heteroatom-doped graphene to achieve high performance lithiumâ€“sulfur batteries: Both strong anchoring and catalysing based on first principles calculation. Journal of Colloid and Interface Science, 2018, 529, 426-431.	9.4	50
76	Rapid Pseudocapacitive Sodiumâ€Ion Response Induced by 2D Ultrathin Tin Monoxide Nanoarrays. Advanced Functional Materials, 2017, 27, 1606232.	14.9	108
77	Self-branched Î±-MnO₂/Î´-MnO₂ heterojunction nanowires with enhanced pseudocapacitance. Materials Horizons, 2017, 4, 415-422.	12.2	105
78	Is borophene a suitable anode material for sodium ion battery?. Journal of Alloys and Compounds, 2017, 704, 152-159.	5.5	62
79	Recent progress in surface coating of layered LiNi x Co y Mn z O 2 for lithium-ion batteries. Materials Research Bulletin, 2017, 96, 491-502.	5.2	102
80	Phase evolution of lithium intercalation dynamics in 2H-MoS₂. Nanoscale, 2017, 9, 7533-7540.	5.6	83
81	Graphene nanowires anchored to 3D graphene foam via self-assembly for high performance Li and Na ion storage. Nano Energy, 2017, 37, 108-117.	16.0	143
82	Ultrathin MoSe₂@N-doped carbon composite nanospheres for stable Na-ion storage. Nanotechnology, 2017, 28, 42LT01.	2.6	55
83	Nonaqueous Hybrid Lithiumâ€Ion and Sodiumâ€Ion Capacitors. Advanced Materials, 2017, 29, 1702093.	21.0	699
84	Amorphous GaN@Cu Freestanding Electrode for Highâ€Performance Liâ€Ion Batteries. Advanced Functional Materials, 2017, 27, 1701808.	14.9	47
85	Toward greener lithium-ion batteries: Aqueous binder-based LiNi0.4Co0.2Mn0.4O2 cathode material with superior electrochemical performance. Journal of Power Sources, 2017, 372, 180-187.	7.8	54
86	1D nanobar-like LiNi_{0.4}Co_{0.2}Mn_{0.4}O₂ as a stable cathode material for lithium-ion batteries with superior long-term capacity retention and high rate capability. Journal of Materials Chemistry A, 2017, 5, 15669-15675.	10.3	51
87	Borophene as Efficient Sulfur Hosts for Lithiumâ€“Sulfur Batteries: Suppressing Shuttle Effect and Improving Conductivity. Journal of Physical Chemistry C, 2017, 121, 15549-15555.	3.1	97
88	Generic Synthesis of Carbon Nanotube Branches on Metal Oxide Arrays Exhibiting Stable Highâ€Rate and Longâ€Cycle Sodiumâ€Ion Storage. Small, 2016, 12, 3048-3058.	10.0	440
89	Integrated Photoâ€Supercapacitor Based on PEDOT Modified Printable Perovskite Solar Cell. Advanced Materials Technologies, 2016, 1, 1600074.	5.8	110
90	A 2.0 V capacitive device derived from shape-preserved metal nitride nanorods. Nano Energy, 2016, 26, 1-6.	16.0	31

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91	Ultrafastâ€Charging Supercapacitors Based on Cornâ€Like Titanium Nitride Nanostructures. Advanced Science, 2016, 3, 1500299.	11.2	163
92	Graphene quantum dots-shielded Na3(VO)2(PO4)2F@C nanocuboids as robust cathode for Na-ion battery. Energy Storage Materials, 2016, 5, 198-204.	18.0	88
93	Array of nanosheets render ultrafast and high-capacity Na-ion storage by tunable pseudocapacitance. Nature Communications, 2016, 7, 12122.	12.8	1,232
94	Hierarchical Porous LiNi1/3Co1/3Mn1/3O2 Nano-/Micro Spherical Cathode Material: Minimized Cation Mixing and Improved Li+ Mobility for Enhanced Electrochemical Performance. Scientific Reports, 2016, 6, 25771.	3.3	178
95	Pseudocapacitive Na-Ion Storage Boosts High Rate and Areal Capacity of Self-Branched 2D Layered Metal Chalcogenide Nanoarrays. ACS Nano, 2016, 10, 10211-10219.	14.6	844
96	Large size nitrogen-doped graphene-coated graphite for high performance lithium-ion battery anode. RSC Advances, 2016, 6, 104010-104015.	3.6	14
97	Confined Fe₂O₃ Nanoparticles on Graphite Foam as Highâ€Rate and Stable Lithiumâ€Ion Battery Anode. Particle and Particle Systems Characterization, 2016, 33, 487-492.	2.3	29
98	Refined Sulfur Nanoparticles Immobilized in Metalâ€“Organic Polyhedron as Stable Cathodes for Liâ€“S Battery. ACS Applied Materials & Interfaces, 2016, 8, 14328-14333.	8.0	42
99	MoS2 nanosheets decorated Ni3S2@MoS2 coaxial nanofibers: Constructing an ideal heterostructure for enhanced Na-ion storage. Nano Energy, 2016, 20, 1-10.	16.0	178
100	The roles of lithium-philic giant nitrogen-doped graphene in protecting micron-sized silicon anode from fading. Scientific Reports, 2015, 5, 15665.	3.3	42
101	All Metal Nitrides Solidâ€State Asymmetric Supercapacitors. Advanced Materials, 2015, 27, 4566-4571.	21.0	371
102	Enhanced Lithium Storage Performance of CuO Nanowires by Coating of Graphene Quantum Dots. Advanced Materials Interfaces, 2015, 2, 1400499.	3.7	102
103	Surfactant-assisted encapsulation of uniform SnO₂nanoparticles in graphene layers for high-performance Li-storage. 2D Materials, 2015, 2, 014005.	4.4	18
104	MoS₂ architectures supported on graphene foam/carbon nanotube hybrid films: highly integrated frameworks with ideal contact for superior lithium storage. Journal of Materials Chemistry A, 2015, 3, 17534-17543.	10.3	51
105	Tubular TiC fibre nanostructures as supercapacitor electrode materials with stable cycling life and wide-temperature performance. Energy and Environmental Science, 2015, 8, 1559-1568.	30.8	210
106	Heterogeneous Nanostructures for Sodium Ion Batteries and Supercapacitors. ChemNanoMat, 2015, 1, 458-476.	2.8	28
107	A low-cost and one-step synthesis of N-doped monolithic quasi-graphene films with porous carbon frameworks for Li-ion batteries. Nano Energy, 2015, 17, 43-51.	16.0	73
108	Graphene Quantum Dots Coated VO₂ Arrays for Highly Durable Electrodes for Li and Na Ion Batteries. Nano Letters, 2015, 15, 565-573.	9.1	493

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109	Novel Metal@Carbon Spheres Coreâ€“Shell Arrays by Controlled Selfâ€Assembly of Carbon Nanospheres: A Stable and Flexible Supercapacitor Electrode. Advanced Energy Materials, 2015, 5, 1401709.	19.5	139
110	VO₂ nanoflake arrays for supercapacitor and Li-ion battery electrodes: performance enhancement by hydrogen molybdenum bronze as an efficient shell material. Materials Horizons, 2015, 2, 237-244.	12.2	152
111	Graphene Quantum Dots Coating Enhances Lithium Storage Performance of CuO Nanowires. , 2015, , .		0
112	Three-dimensional graphene and their integrated electrodes. Nano Today, 2014, 9, 785-807.	11.9	251
113	Solution synthesis of metal oxides for electrochemical energy storage applications. Nanoscale, 2014, 6, 5008-5048.	5.6	363
114	TiO2 nanotube @ SnO2 nanoflake coreâ€“branch arrays for lithium-ion battery anode. Nano Energy, 2014, 4, 105-112.	16.0	165
115	Ni3S2@MoS2 core/shell nanorod arrays on Ni foam for high-performance electrochemical energy storage. Nano Energy, 2014, 7, 151-160.	16.0	245
116	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
117	Hollow nickel nanocorn arrays as three-dimensional and conductive support for metal oxides to boost supercapacitive performance. Nanoscale, 2014, 6, 5691-5697.	5.6	42
118	Effects of Co Substitution for Ni on Microstructures and Electrochemical Properties of LaNi3.8 Hydrogen Storage Alloys. Rare Metal Materials and Engineering, 2014, 43, 519-524.	0.8	6
119	Selfâ€Assembly of Honeycombâ€like MoS₂ Nanoarchitectures Anchored into Graphene Foam for Enhanced Lithiumâ€Ion Storage. Advanced Materials, 2014, 26, 7162-7169.	21.0	408
120	Porous Î±-Fe 2 O 3 nanorods supported on carbon nanotubes-graphene foam as superior anode for lithium ion batteries. Nano Energy, 2014, 9, 364-372.	16.0	241
121	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. Nano Letters, 2014, 14, 1651-1658.	9.1	428
122	A V₂O₅/Conductiveâ€Polymer Core/Shell Nanobelt Array on Threeâ€Dimensional Graphite Foam: A Highâ€Rate, Ultrastable, and Freestanding Cathode for Lithiumâ€Ion Batteries. Advanced Materials, 2014, 26, 5794-5800.	21.0	450
123	Controllable Growth of Conducting Polymers Shell for Constructing High-Quality Organic/Inorganic Core/Shell Nanostructures and Their Optical-Electrochemical Properties. Nano Letters, 2013, 13, 4562-4568.	9.1	197
124	Influence factors of capacity loss after short-time standing of metal-hydride electrode and its EIS model. Journal of Rare Earths, 2013, 31, 772-777.	4.8	3
125	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
126	Improvement in high-temperature performance of Co-free high-Fe AB5-type hydrogen storage alloys. International Journal of Hydrogen Energy, 2012, 37, 12375-12383.	7.1	40

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127	Steep capacity loss of discharged state metal-hydride electrode and its mechanism. Electrochimica Acta, 2012, 66, 22-27.	5.2	9
128	Composition optimization and electrochemical characteristics of Co-free Fe-containing AB5-type hydrogen storage alloys through uniform design. Journal of Rare Earths, 2012, 30, 361-366.	4.8	14
129	Microstructures and electrochemical properties of LaNi3.8â^'xMnx hydrogen storage alloys. Electrochimica Acta, 2011, 58, 668-673.	5.2	16