

# Lifang Jiao

## List of Publications by Citations

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#	Paper	IF	Citations
294	Rechargeable Aqueous Zn//ZnO Battery with High Energy Density and Long Cycle Life. <i>ACS Energy Letters</i> , <b>2018</b> , 3, 1366-1372	20.1	486
293	Tin Nanodots Encapsulated in Porous Nitrogen-Doped Carbon Nanofibers as a Free-Standing Anode for Advanced Sodium-Ion Batteries. <i>Advanced Materials</i> , <b>2015</b> , 27, 6702-7	24	445
292	Ultrasml Sn Nanoparticles Embedded in Carbon as High-Performance Anode for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 214-220	15.6	443
291	Update on anode materials for Na-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 17899-17913	13	341
290	MnFe2O4@C Nanofibers as High-Performance Anode for Sodium-Ion Batteries. <i>Nano Letters</i> , <b>2016</b> , 16, 3321-8	11.5	283
289	3D Hierarchical Porous Fe2O3 Nanosheets for High-Performance Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 1401421	21.8	267
288	Fe3O4 nanoparticles grown on graphene as advanced electrode materials for supercapacitors. <i>Journal of Power Sources</i> , <b>2014</b> , 245, 101-106	8.9	267
287	Co3S4 hollow nanospheres grown on graphene as advanced electrode materials for supercapacitors. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 21387		262
286	CoS2 Hollow Spheres: Fabrication and Their Application in Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 8300-8304	3.8	246
285	Facile synthesis route of porous MnCo2O4 and CoMn2O4 nanowires and their excellent electrochemical properties in supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 16480-16488	13	239
284	Exfoliated-SnS2 restacked on graphene as a high-capacity, high-rate, and long-cycle life anode for sodium ion batteries. <i>Nanoscale</i> , <b>2015</b> , 7, 1325-32	7.7	229
283	Ultra-High Capacity Lithium-Ion Batteries with Hierarchical CoO Nanowire Clusters as Binder Free Electrodes. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1082-1089	15.6	222
282	Hydrated Layered Vanadium Oxide as a Highly Reversible Cathode for Rechargeable Aqueous Zinc Batteries. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1807331	15.6	217
281	A graphene-like MoS2/graphene nanocomposite as a highperformance anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 13109-13115	13	210
280	Recent progress in conversion reaction metal oxide anodes for Li-ion batteries. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 2213-2242	7.8	196
279	Design, synthesis, and energy-related applications of metal sulfides. <i>Materials Horizons</i> , <b>2016</b> , 3, 402-421	14.4	190
278	Multifunctional Transition Metal-Based Phosphides in Energy-Related Electrocatalysis. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1902104	21.8	174

277	Polyanion-type cathode materials for sodium-ion batteries. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 2342-2375	38.5	173
276	Electrospun Thin-Walled CuCoO@C Nanotubes as Bifunctional Oxygen Electrocatalysts for Rechargeable Zn-Air Batteries. <i>Nano Letters</i> , <b>2017</b> , 17, 7989-7994	11.5	152
275	Electrospun NaVPO <sub>4</sub> F/C Nanofibers as Self-Standing Cathode Material for Ultralong Cycle Life Na-Ion Batteries. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1700087	21.8	150
274	Novel flower-like CoS architectures: one-pot synthesis and electrochemical properties. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 327-329		136
273	Intercalation pseudocapacitance in flexible and self-standing V <sub>2</sub> O <sub>3</sub> porous nanofibers for high-rate and ultra-stable K ion storage. <i>Nano Energy</i> , <b>2018</b> , 50, 462-467	17.1	136
272	WS <sub>2</sub> Nanowires as a High-Performance Anode for Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 11878-84	4.8	135
271	1D Nanomaterials: Design, Synthesis, and Applications in Sodium-Ion Batteries. <i>Small</i> , <b>2018</b> , 14, 1703086	11	135
270	Facile synthesis and superior supercapacitor performances of Ni <sub>2</sub> P/rGO nanoparticles. <i>RSC Advances</i> , <b>2013</b> , 3, 4628	3.7	128
269	Ultrasmall TiO <sub>2</sub> Nanoparticles in Situ Growth on Graphene Hybrid as Superior Anode Material for Sodium/Lithium Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 11239-45	9.5	125
268	Facile synthesis and superior supercapacitor performances of three-dimensional cobalt sulfide architectures. <i>CrystEngComm</i> , <b>2011</b> , 13, 6960	3.3	125
267	Electronic Redistribution: Construction and Modulation of Interface Engineering on CoP for Enhancing Overall Water Splitting. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1909618	15.6	122
266	Polyol-mediated synthesis of mesoporous Ni(OH) <sub>2</sub> with enhanced supercapacitance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 6643-8	9.5	121
265	Facile synthesis of hierarchical porous ZnCo <sub>2</sub> O <sub>4</sub> microspheres for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 982-985	13	120
264	Electrospun three dimensional Co/CoP@nitrogen-doped carbon nanofibers network for efficient hydrogen evolution. <i>Energy Storage Materials</i> , <b>2018</b> , 12, 44-53	19.4	115
263	Novel three-dimensional NiCo <sub>2</sub> O <sub>4</sub> architectures: solvothermal synthesis and electrochemical properties. <i>CrystEngComm</i> , <b>2014</b> , 16, 385-392	3.3	114
262	Sandwich-structured graphene-like MoS <sub>2</sub> /C microspheres for rechargeable Mg batteries. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 5822	13	114
261	Binder-Free Electrodes for Advanced Sodium-Ion Batteries. <i>Advanced Materials</i> , <b>2020</b> , 32, e1806304	24	112
260	Synthesis of novel CuS with hierarchical structures and its application in lithium-ion batteries. <i>Powder Technology</i> , <b>2011</b> , 212, 64-68	5.2	109

259	Controllable hydrothermal synthesis of manganese dioxide nanostructures: shape evolution, growth mechanism and electrochemical properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 4196	3.3	108
258	Red phosphorus nanoparticles embedded in porous N-doped carbon nanofibers as high-performance anode for sodium-ion batteries. <i>Energy Storage Materials</i> , <b>2017</b> , 9, 170-178	19.4	103
257	Synthesis of rGO-supported layered MoS <sub>2</sub> for high-performance rechargeable Mg batteries. <i>Nanoscale</i> , <b>2013</b> , 5, 9562-7	7.7	100
256	Heterostructure SnSe <sub>2</sub> /ZnSe@PDA Nanobox for Stable and Highly Efficient Sodium-Ion Storage. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2000741	21.8	100
255	Porous NiCo <sub>2</sub> O <sub>4</sub> nanostructures for high performance supercapacitors via a microemulsion technique. <i>Nano Energy</i> , <b>2014</b> , 10, 125-134	17.1	99
254	Copper-doped dual phase Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> -TiO <sub>2</sub> nanosheets as high-rate and long cycle life anodes for high-power lithium-ion batteries. <i>ChemSusChem</i> , <b>2015</b> , 8, 114-22	8.3	98
253	Superhydrophilic amorphous CoBB nanosheet electrocatalysts with Pt-like activity and durability for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 22062-22069	13	98
252	One-pot synthesis of three-dimensional SnS <sub>2</sub> architectures as anode material for lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2013</b> , 239, 89-93	8.9	97
251	Effect of Cr doping on the structural, electrochemical properties of Li[Li <sub>0.2</sub> Ni <sub>0.2</sub> □ <sub>2</sub> Mn <sub>0.6</sub> □ <sub>2</sub> Cr <sub>x</sub> ]O <sub>2</sub> (x=0, 0.02, 0.04, 0.06, 0.08) as cathode materials for lithium secondary batteries. <i>Journal of Power Sources</i> , <b>2007</b> , 167, 178-184	8.9	97
250	Excellent catalytic effects of highly crumpled graphene nanosheets on hydrogenation/dehydrogenation of magnesium hydride. <i>Nanoscale</i> , <b>2013</b> , 5, 1074-81	7.7	92
249	Approaching the Downsizing Limit of Maricite NaFePO <sub>4</sub> toward High-Performance Cathode for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1801917	15.6	92
248	Sandwich-Like Heterostructures of MoS <sub>2</sub> /Graphene with Enlarged Interlayer Spacing and Enhanced Hydrophilicity as High-Performance Cathodes for Aqueous Zinc-Ion Batteries. <i>Advanced Materials</i> , <b>2021</b> , 33, e2007480	24	89
247	Rational Architecture Design Enables Superior Na Storage in Greener NASICON-Na <sub>4</sub> MnV(PO <sub>4</sub> ) <sub>3</sub> Cathode. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1801418	21.8	89
246	CuO Quantum Dots Embedded in Carbon Nanofibers as Binder-Free Anode for Sodium Ion Batteries with Enhanced Properties. <i>Small</i> , <b>2016</b> , 12, 4865-4872	11	82
245	Facile synthesis of hierarchical nanocage MnCo <sub>2</sub> O <sub>4</sub> for high performance supercapacitor. <i>Electrochimica Acta</i> , <b>2017</b> , 225, 39-46	6.7	81
244	3D hierarchical porous ZnO/ZnCo <sub>2</sub> O <sub>4</sub> nanosheets as high-rate anode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 6042-6047	13	81
243	Facile carbonaceous microsphere templated synthesis of Co <sub>3</sub> O <sub>4</sub> hollow spheres and their electrochemical performance in supercapacitors. <i>Nano Research</i> , <b>2013</b> , 6, 87-98	10	81
242	Facile synthesis of nanocage Co <sub>3</sub> O <sub>4</sub> for advanced lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 298, 203-208	8.9	80

241	Synthesis of porous Ni@rGO nanocomposite and its synergetic effect on hydrogen sorption properties of MgH <sub>2</sub> . <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 22542		79
240	In situ synthesized one-dimensional porous Ni@C nanorods as catalysts for hydrogen storage properties of MgH <sub>2</sub> . <i>Nanoscale</i> , <b>2014</b> , 6, 3223-30	7.7	77
239	Graphene highly scattered in porous carbon nanofibers: a binder-free and high-performance anode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 1698-1705	13	75
238	Small amount of reduce graphene oxide modified Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> nanoparticles for ultrafast high-power lithium ion battery. <i>Journal of Power Sources</i> , <b>2015</b> , 278, 693-702	8.9	73
237	NiO nanomaterials: controlled fabrication, formation mechanism and the application in lithium-ion battery. <i>CrystEngComm</i> , <b>2012</b> , 14, 453-459	3.3	73
236	Electrocatalytic Hydrogen Evolution of Ultrathin Co-Mo <sub>5</sub> N <sub>6</sub> Heterojunction with Interfacial Electron Redistribution. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2002176	21.8	73
235	Mg intercalation properties into open-ended vanadium oxide nanotubes. <i>Electrochemistry Communications</i> , <b>2005</b> , 7, 431-436	5.1	70
234	Reconstruction of Mini-Hollow Polyhedron MnO Derived from MOFs as a High-Performance Lithium Anode Material. <i>Advanced Science</i> , <b>2016</b> , 3, 1500185	13.6	70
233	Encapsulating sulfur in $\delta$ -MnO <sub>2</sub> at room temperature for Li-S battery cathode. <i>Energy Storage Materials</i> , <b>2017</b> , 9, 78-84	19.4	69
232	CuO Nanoplates for High-Performance Potassium-Ion Batteries. <i>Small</i> , <b>2019</b> , 15, e1901775	11	67
231	Crystalline Ni(OH) <sub>2</sub> /Amorphous NiMoO <sub>x</sub> Mixed-Catalyst with Pt-Like Performance for Hydrogen Production. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1902703	21.8	66
230	Facile preparation and electrochemical properties of hierarchical chrysanthemum-like WO <sub>3</sub> ·0.33H <sub>2</sub> O. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 3699		66
229	Synthesis of Cu@FeCo core-shell nanoparticles for the catalytic hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 436-441	6.7	65
228	Na <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> Nanorods with Dominant Large Interlayer Spacing Exposed Facet for High-Performance Na-Ion Batteries. <i>Small</i> , <b>2016</b> , 12, 2991-7	11	65
227	Enhanced electrochemical performance of LiFePO <sub>4</sub> /C via Mo-doping at Fe site. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 9961-9967	6.7	64
226	Hierarchical Engineering of Porous P <sub>2</sub> -Na <sub>2</sub> /3Ni <sub>1</sub> /3Mn <sub>2</sub> /3O <sub>2</sub> Nanofibers Assembled by Nanoparticles Enables Superior Sodium-Ion Storage Cathodes. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1907837	15.6	64
225	Understanding the role of few-layer graphene nanosheets in enhancing the hydrogen sorption kinetics of magnesium hydride. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 11038-46	9.5	63
224	Facile synthesis of VO <sub>2</sub> (B)/carbon nanobelts with high capacity and good cyclability. <i>Journal of Power Sources</i> , <b>2012</b> , 199, 350-354	8.9	62

223	A novel sol-gel method based on $\text{FePO}_4 \cdot 2\text{H}_2\text{O}$ to synthesize submicrometer structured $\text{LiFePO}_4/\text{C}$ cathode material. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 2841-2847	8.9	61
222	Synthesis and electrochemical properties of Mo-doped $\text{Li}[\text{Ni}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}]\text{O}_2$ cathode materials for Li-ion battery. <i>Journal of Power Sources</i> , <b>2006</b> , 162, 1367-1372	8.9	60
221	In-situ construction of lattice-matching $\text{NiP}_2/\text{NiSe}_2$ heterointerfaces with electron redistribution for boosting overall water splitting. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 282, 119584	21.8	60
220	Facile synthesis of TiN decorated graphene and its enhanced catalytic effects on dehydrogenation performance of magnesium hydride. <i>Nanoscale</i> , <b>2014</b> , 6, 6684-91	7.7	59
219	Improved hydrogen storage properties of $\text{MgH}_2$ with Ni-based compounds. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 24247-24255	6.7	59
218	A review of transition-metal boride/phosphide-based materials for catalytic hydrogen generation from hydrolysis of boron-hydrides. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 760-772	6.8	58
217	Core-shell Co@C catalyzed $\text{MgH}_2$ : enhanced dehydrogenation properties and its catalytic mechanism. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 16285-16291	13	58
216	$\text{Bi}_2\text{S}_3$ nanomaterials: morphology manipulation and related properties. <i>Dalton Transactions</i> , <b>2011</b> , 40, 10100-8	4.3	57
215	Synthesis of $\text{Cu}_{0.1}$ -doped vanadium oxide nanotubes and their application as cathode materials for rechargeable magnesium batteries. <i>Electrochemistry Communications</i> , <b>2006</b> , 8, 1041-1044	5.1	57
214	Controllable N-Doped $\text{CuCo}_2\text{O}_4$ @C Film as a Self-Supported Anode for Ultrastable Sodium-Ion Batteries. <i>Small</i> , <b>2017</b> , 13, 1700873	11	56
213	Controllable synthesis of Cu-doped $\text{CoO}$ hierarchical structure for high performance lithium-ion battery. <i>Journal of Power Sources</i> , <b>2016</b> , 314, 66-75	8.9	56
212	Structure and electrochemical hydrogen storage behaviors of alloy $\text{Co}_2\text{B}$ . <i>Electrochemistry Communications</i> , <b>2007</b> , 9, 925-929	5.1	56
211	The preparation and characterization of olivine $\text{LiFePO}_4/\text{C}$ doped with $\text{MoO}_3$ by a solution method. <i>Solid State Ionics</i> , <b>2006</b> , 177, 3309-3314	3.3	56
210	Research and application progress on key materials for sodium-ion batteries. <i>Sustainable Energy and Fuels</i> , <b>2017</b> , 1, 986-1006	5.8	55
209	Realizing Complete Solid-Solution Reaction in High Sodium Content P2-Type Cathode for High-Performance Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 14511-14516	16.4	55
208	Graphene intercalated in graphene-like $\text{MoS}_2$ : A promising cathode for rechargeable Mg batteries. <i>Journal of Power Sources</i> , <b>2017</b> , 340, 104-110	8.9	54
207	Preparation and electrochemical performance of flower-like hematite for lithium-ion batteries. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 3175-3181	6.7	54
206	Facile fabrication and supercapacitive properties of mesoporous zinc cobaltite microspheres. <i>Journal of Power Sources</i> , <b>2015</b> , 284, 138-145	8.9	53

205	Structure and electrochemical behaviors of a series of CoB alloys. <i>Electrochimica Acta</i> , <b>2008</b> , 53, 2265-2271	19.4	53
204	Highly efficient, fast and reversible multi-electron reaction of Na <sub>3</sub> MnTi(PO <sub>4</sub> ) <sub>3</sub> cathode for sodium-ion batteries. <i>Energy Storage Materials</i> , <b>2020</b> , 26, 325-333	19.4	53
203	Robust graphene layer modified Na <sub>2</sub> MnP <sub>2</sub> O <sub>7</sub> as a durable high-rate and high energy cathode for Na-ion batteries. <i>Energy Storage Materials</i> , <b>2019</b> , 16, 383-390	19.4	52
202	Ultrasmall Sn nanoparticles embedded in spherical hollow carbon for enhanced lithium storage properties. <i>Chemical Communications</i> , <b>2018</b> , 54, 1205-1208	5.8	51
201	Promoted synergy in core-branch CoP@NiFeDH nanohybrids for efficient electrochemical-/ photovoltage-driven overall water splitting. <i>Nano Energy</i> , <b>2019</b> , 63, 103821	17.1	50
200	Ultrafast Rechargeable Zinc Battery Based on High-Voltage Graphite Cathode and Stable Nonaqueous Electrolyte. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 32978-32986	9.5	49
199	Study on the silicon doped lithium trivanadate as cathode material for rechargeable lithium batteries. <i>Solid State Ionics</i> , <b>2007</b> , 178, 387-391	3.3	48
198	Catalytic effects of different Ti-based materials on dehydrogenation performances of MgH <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 645, S509-S512	5.7	46
197	High rate capability of Co-doped LiFePO <sub>4</sub> /C. <i>Electrochimica Acta</i> , <b>2013</b> , 97, 143-149	6.7	45
196	Molybdenum carbide in-situ embedded into carbon nanosheets as efficient bifunctional electrocatalysts for overall water splitting. <i>Electrochimica Acta</i> , <b>2019</b> , 298, 305-312	6.7	45
195	Superior gas-sensing and lithium-storage performance SnO <sub>2</sub> nanocrystals synthesized by hydrothermal method. <i>CrystEngComm</i> , <b>2011</b> , 13, 6077	3.3	44
194	Morphology control of CoCO <sub>3</sub> crystals and their conversion to mesoporous Co <sub>3</sub> O <sub>4</sub> for alkaline rechargeable batteries application. <i>CrystEngComm</i> , <b>2013</b> , 15, 6101	3.3	42
193	Improvement of electrochemical properties of LiFePO <sub>4</sub> /C cathode materials by chlorine doping. <i>Journal of Solid State Electrochemistry</i> , <b>2009</b> , 13, 1541-1544	2.6	41
192	Electrochemical performance of LiV <sub>3</sub> Ni <sub>x</sub> O <sub>8</sub> cathode materials synthesized by a novel low-temperature solid-state method. <i>Electrochimica Acta</i> , <b>2008</b> , 53, 7321-7325	6.7	41
191	Towards easy reversible dehydrogenation of LiBH <sub>4</sub> by catalyzing hierarchic nanostructured CoB. <i>Nano Energy</i> , <b>2014</b> , 10, 235-244	17.1	40
190	Rapid synthesis of three-dimensional network structure CuO as binder-free anode for high-rate sodium ion battery. <i>Journal of Power Sources</i> , <b>2016</b> , 320, 20-27	8.9	40
189	Ni <sub>2</sub> P/NiMoP heterostructure as a bifunctional electrocatalyst for energy-saving hydrogen production. <i>EScience</i> , <b>2021</b> , 1, 69-69		40
188	Sodium alanate system for efficient hydrogen storage. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 8798-8812	6.7	39



- 187 Effect of  $\text{AlPO}_4$  Nanowire Coating on the Electrochemical Properties of  $\text{LiV}_3\text{O}_8$  Cathode Material. *Journal of Physical Chemistry C*, **2008**, 112, 18249-18254 3.8 39
- 186 Effect of synthesis condition on the structural and electrochemical properties of  $\text{Li}[\text{Ni}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}]\text{O}_2$  prepared by the metal acetates decomposition method. *Electrochimica Acta*, **2006**, 51, 3731-3735 6.7 39
- 185 Facile Synthesis and High Capacitive Performance of 3D Hierarchical  $\text{Ni}(\text{OH})_2$  Microspheres. *Electrochimica Acta*, **2016**, 196, 84-91 6.7 38
- 184 Preparation and electrochemical hydrogen storage property of alloy  $\text{CoSi}$ . *Electrochemistry Communications*, **2006**, 8, 1633-1638 5.1 38
- 183 Long-Life Zinc/Vanadium Pentoxide Battery Enabled by a Concentrated Aqueous  $\text{ZnSO}_4$  Electrolyte with Proton and Zinc Ion Co-Intercalation. *ACS Applied Energy Materials*, **2020**, 3, 11183-11192 6.1 38
- 182 Solid state synthesis of  $\text{Fe}_2\text{P}$  nanoparticles as high-performance anode materials for nickel-based rechargeable batteries. *Journal of Power Sources*, **2014**, 253, 360-365 8.9 37
- 181 Crystalline  $\text{TiB}_2$ : an efficient catalyst for synthesis and hydrogen desorption/absorption performances of  $\text{NaAlH}_4$  system. *Journal of Materials Chemistry*, **2012**, 22, 3127 37
- 180 Structural and electrochemical properties of  $\text{LiV}_3\text{O}_8$  prepared by combustion synthesis. *Journal of Alloys and Compounds*, **2009**, 486, 400-405 5.7 37
- 179 Effect and function mechanism of amorphous sulfur on the electrochemical properties of cobalt hydroxide electrode. *Journal of Power Sources*, **2010**, 195, 7115-7119 8.9 37
- 178 Electrochemical hydrogen storage property of  $\text{CoB}$  alloy prepared by ball-milling method. *International Journal of Hydrogen Energy*, **2010**, 35, 8357-8362 6.7 37
- 177 Synthesis of  $\text{LiV}_3\text{O}_8$  by an improved citric acid assisted sol-gel method at low temperature. *Materials Chemistry and Physics*, **2008**, 111, 565-569 4.4 37
- 176 Preparation and characterization of novel structure  $\text{CoB}$  hydrogen storage alloy. *Electrochemistry Communications*, **2008**, 10, 1486-1489 5.1 36
- 175 Dehydrogenation of ammonia borane catalyzed by in situ synthesized  $\text{Fe}_{10}$  nano-alloy in aqueous solution. *Catalysis Today*, **2011**, 170, 64-68 5.3 35
- 174 Electrochemical properties of submicron-sized  $\text{LiV}_3\text{O}_8$  synthesized by a low-temperature reaction route. *Journal of Alloys and Compounds*, **2009**, 471, 352-356 5.7 35
- 173 Solid-state synthesis of amorphous  $\text{TiB}_2$  nanoparticles on graphene nanosheets with enhanced catalytic dehydrogenation of  $\text{MgH}_2$ . *International Journal of Hydrogen Energy*, **2014**, 39, 3822-3829 6.7 34
- 172 Remarkable irreversible and reversible dehydrogenation of  $\text{LiBH}_4$  by doping with nanosized cobalt metalloid compounds. *International Journal of Hydrogen Energy*, **2013**, 38, 3304-3312 6.7 34
- 171 Application for Simply Recovered  $\text{LiCoO}_2$  Material as a High-Performance Candidate for Supercapacitor in Aqueous System. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 2435-2442 8.3 34
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38	P-Block Atomically Dispersed Antimony Catalyst for Highly Efficient Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 21407-21411	3.6	7
37	Enhanced dehydrogenation performance of $\text{LiBH}_4$ by confinement in porous $\text{NiMnO}_3$ microspheres. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 25824-25830	6.7	6
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33	Regulating Deposition Behavior of Sodium Ions for Dendrite-Free Sodium-Metal Anode. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2101976	21.8	6
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17	High-rate Lithium Iron(II) Phosphate as Cathode Material for Rechargeable Lithium Batteries. <i>Chinese Journal of Chemistry</i> , <b>2008</b> , 26, 290-294	4.9	3
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1	Reply to Comment on Preparation of transition metal phosphides using the facile solid state synthesis <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 522, 1-2	5.7	