

Shao-hua Luo

List of Publications by Year in descending order

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135
papers

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docs citations

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times ranked

3336
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances on Spinel Zinc Manganate Cathode Materials for Zinc-Ion Batteries. <i>Chemical Record</i> , 2022, 22, .	2.9	22
2	P_2K_2O $76FeO$ $2Mg$ from earth-abundant elements for rechargeable potassium ion battery. <i>Energy Storage</i> , 2022, 4, e277.	2.3	4
3	Controllable synthesis of polystyrene microspheres used as template and in-situ carbon source for Li_2MnSiO_4 cathode material to boost lithium-ion batteries performance. <i>International Journal of Energy Research</i> , 2022, 46, 1711-1721.	2.2	4
4	Research progress of tunnel-type sodium manganese oxide cathodes for SIBs. <i>Chinese Chemical Letters</i> , 2022, 33, 2316-2326.	4.8	24
5	Extraction and separation of Fe and Ti from extracted vanadium residue by enhanced ammonium sulfate leaching and synthesis of $LiFePO_4/C$ for lithium-ion batteries. <i>Separation and Purification Technology</i> , 2022, 282, 120065.	3.9	14
6	Based on first-principles calculation, study on the synthesis, and performance of Fe-Ni co-doped $LiMnPO_4/C$ as cathode material for lithium-ion batteries. <i>Ionics</i> , 2022, 28, 577-591.	1.2	6
7	Preparation of $LiNi_0.5Mn_1.5O_4$ cathode materials by non-constant temperature calcination and research on its performance. <i>Ionics</i> , 2022, 28, 555-565.	1.2	8
8	Novel P2-type layered medium-entropy ceramics oxide as cathode material for sodium-ion batteries. <i>Journal of Advanced Ceramics</i> , 2022, 11, 158-171.	8.9	35
9	High-entropy chemistry stabilizing spinel oxide $(CoNiZnXMnLi)_3O_4$ ($X = Fe, Cr$) for high-performance anode of Li-ion batteries. <i>Rare Metals</i> , 2022, 41, 1265-1275.	3.6	46
10	Investigation on Structural and Electrochemical Properties of Olivine-Structured $LiMn_xFe_xPO_4/C$ Cathode Materials Based on First-Principles Calculation. <i>Journal of the Electrochemical Society</i> , 2022, 169, 010508.	1.3	4
11	Direct Extraction of Nickel and Copper from Low-Grade Nickel Sulfide Ore by Chlorination Roasting with Mixed $MgCl_2 \cdot 6H_2O$ and NaCl. <i>Jom</i> , 2022, 74, 1989-1999.	0.9	6
12	Optimization of Synergistic Leaching of Valuable Metals from Spent Lithium-Ion Batteries by the Sulfuric Acid-Malonic Acid System Using Response Surface Methodology. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 11359-11374.	4.0	38
13	Micrometer Carbon Ball-Decorated Nanowire-Structured $SnO_2@C$ Composites as an Anode for Potassium-Ion Batteries with Enhanced Performance. <i>Energy & Fuels</i> , 2022, 36, 2833-2840.	2.5	4
14	Synthesis and Optimization of $ZnMn_2O_4$ Cathode Material for Zinc-Ion Battery by Citric Acid Sol-Gel Method. <i>Journal of the Electrochemical Society</i> , 2022, 169, 030531.	1.3	12
15	Walnut septum-derived hierarchical porous carbon for ultra-high-performance supercapacitors. <i>Rare Metals</i> , 2022, 41, 2280-2291.	3.6	46
16	Stable Electrochemical Properties of Magnesium-Doped Co-Free Layered P2-Type $Na_{0.67}Ni_{0.33}Mn_{0.67}O_2$ Cathode Material for Sodium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4994-5004.	3.2	38
17	Facile microwave-assisted hydrothermal synthesis and improved electrochemical performance of micro rhombus $ZnMn_2O_4$ anodes for Li-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2022, 912, 116237.	1.9	6
18	Sol-gel synthesis of nano block-like $ZnMn_2O_4$ using citric acid complexing agent and electrochemical performance as anode for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2022, 909, 164882.	2.8	12

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19	The recent progress of $\text{Li}_2\text{FeSiO}_4$ as a polyanionic cathode material for lithium-ion batteries. <i>International Journal of Energy Research</i> , 2022, 46, 5373-5398.	2.2	8
20	Investigations on Preparation and Electrochemical Performance Optimization of LiMnPO_4 /C Composites with High Tap Density. <i>Particle and Particle Systems Characterization</i> , 2022, 39, 2100203.	1.2	1
21	Facile design and synthesis of Co-free layered O3-type $\text{NaNi}_0.2\text{Mn}_0.2\text{Fe}_0.6\text{O}_2$ as promising cathode material for sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2022, 914, 116301.	1.9	10
22	Metal-organic framework derived CoSe_2 /N-doped carbon core-shell nanoparticles encapsulated in porous N-doped carbon nanotubes as high-performance anodes for sodium-ion batteries. <i>Journal of Power Sources</i> , 2022, 535, 231444.	4.0	28
23	Tuning the structural stability and spin-glass behavior in Li-MnO_2 nanotubes by Sn ion doping. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	1.3	0
24	High cycling stability graphite cathode modified by artificial CEI for potassium-based dual-ion batteries. <i>Journal of Alloys and Compounds</i> , 2022, 918, 165436.	2.8	4
25	Coral-Like Hierarchical Nanostructured $\text{ZnMn}_2\text{O}_4/\text{Mn}_2\text{O}_3$ Composites Synthesized by Zinc-Absent Method as a High-Performance Cathode Material for Aqueous Zinc-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2022, 169, 050530.	1.3	1
26	Synthesis and electrochemical performance of nanosheet lamellar ZnMn_2O_4 anodes for Li-ion batteries by microwave hydrothermal method. <i>Ionics</i> , 2022, 28, 4195-4203.	1.2	5
27	N-doped hollow carbon spheres as a high-performance anode for potassium-based dual-ion battery. <i>Journal of Energy Storage</i> , 2022, 54, 105285.	3.9	11
28	Biomass CQDs derivate carbon as high-performance anode for K-ion battery. <i>Journal of Alloys and Compounds</i> , 2022, 922, 166260.	2.8	11
29	Hierarchically nitrogen-doped carbon wrapped $\text{Ni}_0.6\text{Fe}_0.4\text{Se}_2$ binary-metal selenide nanocubes with extraordinary rate performance and high pseudocapacitive contribution for sodium-ion anodes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1610-1622.	5.2	52
30	Cu-doped layered P2-type $\text{Na}_0.67\text{Ni}_0.33-x\text{Cu}_x\text{Mn}_0.67\text{O}_2$ cathode electrode material with enhanced electrochemical performance for sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 404, 126578.	6.6	53
31	CuS nanoblocks embedded in the three-dimensional porous carbon as composite anode materials for high-performance lithium-ion battery. <i>Ionics</i> , 2021, 27, 897-905.	1.2	6
32	Cleaner and effective recovery of metals and synthetic lithium-ion batteries from extracted vanadium residue through selective leaching. <i>Journal of Power Sources</i> , 2021, 482, 228970.	4.0	31
33	Improved electrochemical performance of lanthanum-modified $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ /C cathode materials for sodium-ion batteries. <i>New Journal of Chemistry</i> , 2021, 45, 906-914.	1.4	10
34	Study on synthesis of spinel LiNi_0 LiMn_5O_4 cathode material and its electrochemical properties by two-stage roasting. <i>International Journal of Energy Research</i> , 2021, 45, 8932-8941.	2.2	11
35	High-Operating Voltage, Long-Life Layered Oxides for Sodium Ion Batteries Enabled by Cosubstitution of Titanium and Magnesium. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2534-2542.	3.2	16
36	Preparation of neodymium-doped LiMnPO_4 /C cathode by sol-gel method with excellent electrochemical performance for lithium-ion batteries. <i>International Journal of Energy Research</i> , 2021, 45, 10590-10598.	2.2	12

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37	Nitrogen-Coordinated CoS ₂ @NC Yolk-Shell Polyhedrons Catalysts Derived from a Metal-Organic Framework for a Highly Reversible Li-O ₂ Battery. ACS Applied Materials & Interfaces, 2021, 13, 17658-17667.	4.0	43
38	Sulfur-doped 3D hierarchical porous carbon network toward excellent potassium-ion storage performance. Rare Metals, 2021, 40, 2464-2473.	3.6	41
39	Dual-phase structure design of Mn-site nickel doping $\text{Li}_2\text{MnSiO}_4$ /C cathode material for improved electrochemical lithium storage performance. International Journal of Energy Research, 2021, 45, 14720-14731.	2.2	11
40	Two-position intrinsic element complement: Synthesis and electrochemical properties of $\text{Li}_2\text{MnSiO}_4$ /C@carbon as cathode materials for lithium batteries. International Journal of Energy Research, 2021, 45, 16922-16931.		7
41	Optimize solid-state synthesis of $\text{P}_2\text{Na}_0.67\text{Ni}_0.33\text{Mn}_0.67\text{O}_2$ cathode materials by using the orthogonal experimental design method. International Journal of Energy Research, 2021, 45, 16865-16873.	2.2	3
42	Preparation and electrochemical performance of Na ⁺ and Co ²⁺ co-doped $\text{Li}_{0.9}\text{Na}_{0.1}\text{Mn}_{1-x}\text{Co}_x\text{PO}_4$ /C cathode material for Li-ion battery. Ionics, 2021, 27, 3251-3257.	1.2	2
43	Biocarbon with different microstructures derived from corn husks and their potassium storage properties. Rare Metals, 2021, 40, 3166-3174.	3.6	30
44	Synthesis and electrochemical properties of LiFePO_4 cathode material by ionic thermal method using eutectic mixture of tetramethyl ammonium chloride-urea. Rare Metals, 2021, 40, 3477-3484.	3.6	19
45	Hydrothermal synthesis of nano spheroid-like ZnMn_2O_4 materials as high-performance anodes for lithium-ion batteries. International Journal of Energy Research, 2021, 45, 18081-18090.	2.2	13
46	High-performance LiFePO_4 cathode material was prepared by multiple intensification process with acid-washed iron red as raw material. International Journal of Energy Research, 2021, 45, 18245-18256.	2.2	3
47	Preparation and electrochemical performance of $\text{Li}_2\text{MnSiO}_4$ cathode material doped with chromium on manganese site. International Journal of Energy Research, 2021, 45, 20483.	2.2	4
48	Insight into structural and electrochemical properties of Mg-doped LiMnPO_4 /C cathode materials with first-principles calculation and experimental verification. International Journal of Energy Research, 2021, 45, 20715-20728.	2.2	10
49	Study on the high-efficiency separation of Fe in extracted vanadium residue by sulfuric acid roasting and the solidification behavior of V and Cr. Separation and Purification Technology, 2021, 269, 118687.	3.9	14
50	Facile hydrothermal synthesis of urchin-like NiCo_2O_4 as advanced electrochemical pseudocapacitor materials. International Journal of Energy Research, 2021, 45, 20186-20198.	2.2	28
51	Preparation and electrochemical properties of AlF_3 co-doped spinel LiMn_2O_4 single-crystal material for lithium-ion battery. International Journal of Energy Research, 2021, 45, 21158-21169.	2.2	13
52	Rational Design of Yolk-Shell $\text{Zn}_{1-x}\text{Co}_x\text{Se}$ @N-Doped Dual Carbon Architectures as Long-Life and High-Rate Anodes for Half/Full Na-ion Batteries. Small, 2021, 17, e2101887.	5.2	46
53	Improved electrocatalytic activity of hexagonal prisms Fe_3O_4 derived from metal-organic framework by covering dendritic-shaped carbon layer in Li-O ₂ battery. Composites Part B: Engineering, 2021, 226, 109354.	5.9	11
54	Study on preparation and performance of iron tailings-based porous ceramsite filter materials for water treatment. Separation and Purification Technology, 2021, 276, 119380.	3.9	28

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55	Precise tuning of low-crystalline Sb@Sb ₂ O ₃ confined in 3D porous carbon network for fast and stable potassium ion storage. <i>Journal of Materials Science and Technology</i> , 2021, 94, 123-129.	5.6	20
56	Study on the high-efficiency separation of Fe and Mn from low-grade pyrolusite and the preparation of LiMn ₂ O ₄ materials for lithium-ion batteries. <i>Separation and Purification Technology</i> , 2021, 278, 119611.	3.9	20
57	Ingeniously Designed Yolk-Shell-Structured FeSe ₂ @NDC Nanoboxes as an Excellent Long-Life and High-Rate Anode for Half/Full Na-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 51095-51106.	4.0	38
58	Asymmetric, Flexible Supercapacitor Based on Fe-Co Alloy@Sulfide with High Energy and Power Density. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49952-49963.	4.0	29
59	Green synthesis of reduced graphene oxide as high-performance electrode materials for supercapacitors. <i>Ionics</i> , 2020, 26, 415-422.	1.2	14
60	Rational design of flower-like FeCo ₂ S ₄ /reduced graphene oxide films: Novel binder-free electrodes with ultra-high conductivity flexible substrate for high-performance all-solid-state pseudocapacitor. <i>Chemical Engineering Journal</i> , 2020, 381, 122695.	6.6	131
61	Constructing N-Doped porous carbon confined FeSb alloy nanocomposite with Fe-N-C coordination as a universal anode for advanced Na/K-ion batteries. <i>Chemical Engineering Journal</i> , 2020, 384, 123327.	6.6	60
62	In Situ Construction of Multibuffer Structure 3D CoSn@SnO _x /CoO _x @C Anode Material for Ultralong Life Lithium Storage. <i>Energy Technology</i> , 2020, 8, 1900829.	1.8	11
63	Facile and scalable synthesis of Fe ₂ O ₃ /Fe ₃ O ₄ /Fe/C nanocomposite as advanced anode materials for lithium/sodium ion batteries. <i>Nanotechnology</i> , 2020, 31, 155402.	1.3	7
64	Preparation of high performance LiFePO ₄ /C by extracting iron element from iron tailings by concentrated sulfuric acid hot dip method. <i>Ionics</i> , 2020, 26, 1645-1655.	1.2	8
65	Preparation of LiFePO ₄ /H ₂ Ti ₃ O ₇ and LiFePO ₄ /TiO ₂ nanocomposite by sol-gel method as cathode material for lithium-ion battery. <i>Ionics</i> , 2020, 26, 2139-2145.	1.2	3
66	Optimize hydrothermal synthesis and electrochemical performance of Li ₂ FeTiO ₄ composite cathode materials by using orthogonal experimental design method. <i>Ionics</i> , 2020, 26, 1657-1662.	1.2	9
67	Effects of morphology on the visible-light-driven photocatalytic and bactericidal properties of BiVO ₄ /CdS heterojunctions: A discussion on photocatalysis mechanism. <i>Journal of Alloys and Compounds</i> , 2020, 817, 153246.	2.8	103
68	Carbothermal reduction of LiFePO ₄ /C composite cathodes using acid-washed iron red as raw material through carboxylic acid pyrolysis reducing gas participation strategies. <i>Electrochimica Acta</i> , 2020, 363, 137159.	2.6	11
69	In situ synthesis of Co ₃ O ₄ nanoparticles confined in 3D nitrogen-doped porous carbon as an efficient bifunctional oxygen electrocatalyst. <i>Rare Metals</i> , 2020, 39, 1383-1394.	3.6	57
70	BiSb@Bi ₂ O ₃ /SbO _x encapsulated in porous carbon as anode materials for sodium/potassium-ion batteries with a high pseudocapacitive contribution. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 429-438.	5.0	47
71	One-pot synthesis of small-sized Ni ₃ S ₂ nanoparticles deposited on graphene oxide as composite anode materials for high-performance lithium/sodium-ion batteries. <i>Applied Surface Science</i> , 2020, 531, 147316.	3.1	28
72	NiCo alloy nanoparticles encapsulated in N-doped 3D porous carbon as efficient electrocatalysts for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 22797-22807.	3.8	20

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73	Tailoring the sodium doped LiMnPO ₄ /C orthophosphate to nanoscale as a high-performance cathode for lithium ion battery. <i>Applied Surface Science</i> , 2020, 530, 146628.	3.1	25
74	Excess capacity on compound phases of Li ₂ FeTiO ₄ composite cathode materials synthesized by hydrothermal reaction using optional titanium sources to boost battery performance. <i>Chinese Chemical Letters</i> , 2020, 31, 3200-3204.	4.8	12
75	Investigations on the preparation and electrochemical performance of the Li ₄ Ti ₅ O ₁₂ /LiMn _{23/24} Mg _{1/24} PO ₄ full cell with a long lifespan. <i>Ionics</i> , 2020, 26, 4267-4275.	1.2	6
76	Enhanced electrochemical performance of LiAlO ₂ -LiMnPO ₄ /C composite using LiAlO ₂ from AAO synthesis by hydrothermal rout. <i>Ionics</i> , 2020, 26, 4977-4983.	1.2	9
77	Preparation and electrochemical properties of cationic substitution Li ₂ Mn _{0.98} M _{0.02} SiO ₄ (M = Mg, Ni, Tj ETQq1 1,0,784314 16 BT /Ove	1.2	16
78	Spinel-structured high entropy oxide (FeCoNiCrMn) ₃ O ₄ as anode towards superior lithium storage performance. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156158.	2.8	178
79	Porous Na ₃ V ₂ (PO ₄) ₃ /C as cathode material for high-rate sodium-ion batteries by sacrificed template method. <i>Ionics</i> , 2020, 26, 5011-5018.	1.2	6
80	Metal-organic framework-derived cobalt nanoparticle space confined in nitrogen-doped carbon polyhedra networks as high-performance bifunctional electrocatalyst for rechargeable Li- ⁺ O ₂ batteries. <i>Journal of Power Sources</i> , 2020, 453, 227899.	4.0	38
81	Approaching High-Performance Supercapacitors via Enhancing Pseudocapacitive Nickel Oxide-Based Materials. <i>Advanced Sustainable Systems</i> , 2020, 4, 1900137.	2.7	49
82	Porous spherical NiO@NiMoO ₄ @PPy nanoarchitectures as advanced electrochemical pseudocapacitor materials. <i>Science Bulletin</i> , 2020, 65, 546-556.	4.3	292
83	Study on the properties of Li ₂ MnSiO ₄ as cathode material for lithium-ion batteries by sol-gel method. <i>Ionics</i> , 2020, 26, 1611-1616.	1.2	10
84	Coal-based S hybrid self-doped porous carbon for high-performance supercapacitors and potassium-ion batteries. <i>Journal of Power Sources</i> , 2020, 461, 228151.	4.0	99
85	Design and synthesis of carbon-coated γ -Fe ₂ O ₃ @Fe ₃ O ₄ heterostructured as anode materials for lithium ion batteries. <i>Applied Surface Science</i> , 2019, 495, 143590.	3.1	94
86	Preparation of manganese dioxide from low-grade pyrolusite and its electrochemical performance for supercapacitors. <i>Ceramics International</i> , 2019, 45, 21457-21466.	2.3	6
87	Carbothermal reduction preparation and performance of LiFePO ₄ /C by using ammonium jarosite extracted from vanadium slag as iron source. <i>Ionics</i> , 2019, 25, 5725-5734.	1.2	11
88	Fabrication of Porous Carbon with Controllable Nitrogen Doping as Anode for High-Performance Potassium-Ion Batteries. <i>ChemElectroChem</i> , 2019, 6, 3699-3707.	1.7	28
89	Ultrafine SnO ₂ nanoparticles encapsulated in 3D porous carbon as a high-performance anode material for potassium-ion batteries. <i>Journal of Power Sources</i> , 2019, 441, 227191.	4.0	47
90	A novel and low-cost iron source for synthesizing Cl-doped LiFePO ₄ /C cathode materials for lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2019, 850, 113434.	1.9	33

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91	Extraction of Copper and Nickel from Low-Grade Nickel Sulfide Ore by Low-Temperature Roasting, Selective Decomposition and Water-Leaching Process. <i>Jom</i> , 2019, 71, 4647-4658.	0.9	6
92	Biomorphic carbon derived from corn husk as a promising anode materials for potassium ion battery. <i>Electrochimica Acta</i> , 2019, 324, 134902.	2.6	64
93	Hydrothermal synthesis and characterization of $\gamma\text{-Fe}_2\text{O}_3/\text{C}$ using acid-pickled iron oxide red for Li-ion batteries. <i>Journal of Hazardous Materials</i> , 2019, 368, 714-721.	6.5	73
94	High performance potassium-ion battery anode based on biomorphic N-doped carbon derived from walnut septum. <i>Journal of Power Sources</i> , 2019, 415, 165-171.	4.0	139
95	Double-carbon coated $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ as a superior cathode material for Na-ion batteries. <i>Applied Surface Science</i> , 2019, 487, 1159-1166.	3.1	61
96	A nanosized SnSb alloy confined in N-doped 3D porous carbon coupled with ether-based electrolytes toward high-performance potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14309-14318.	5.2	157
97	Low-cost heterogeneous dual-carbon shells coated silicon monoxide porous composites as anodes for high-performance lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2019, 549, 225-235.	5.0	18
98	Improving the electrochemical performance of layered cathode oxide for sodium-ion batteries by optimizing the titanium content. <i>Journal of Colloid and Interface Science</i> , 2019, 544, 164-171.	5.0	29
99	Monodisperse multicore-shell SnSb@SnOx/SbOx@C nanoparticles space-confined in 3D porous carbon networks as high-performance anode for Li-ion and Na-ion batteries. <i>Chemical Engineering Journal</i> , 2019, 371, 356-365.	6.6	65
100	Synthesis of morphology controllable free-standing Co_3O_4 nanostructures and their catalytic activity for Li O ₂ cells. <i>Electrochimica Acta</i> , 2019, 307, 232-240.	2.6	9
101	Low-Cost Layered $\text{K}_{0.45}\text{Mn}_{0.9}\text{Mg}_{0.1}\text{O}_2$ as a High-Performance Cathode Material for K-ion Batteries. <i>ChemElectroChem</i> , 2019, 6, 2308-2315.	1.7	41
102	Influence of Welding Speed on Zigzag Line Feature and Tensile Property of a Friction-Stir-Welded Al-Zn-Mg Aluminum Alloy. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 1790-1800.	1.2	9
103	High-performance $\gamma\text{-Fe}_2\text{O}_3/\text{C}$ composite anodes for lithium-ion batteries synthesized by hydrothermal carbonization glucose method used pickled iron oxide red as raw material. <i>Composites Part B: Engineering</i> , 2019, 164, 576-582.	5.9	84
104	Layered potassium-deficient P2- and P3-type cathode materials K_xMnO_2 for K-ion batteries. <i>Chemical Engineering Journal</i> , 2019, 356, 53-59.	6.6	99
105	Construction of NiCo_2O_4 nanorods into 3D porous ultrathin carbon networks for high-performance asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 783, 1-9.	2.8	14
106	Improved rate performance of $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ as cathode of lithium-ion battery by $\text{Li}_{0.33}\text{La}_{0.56}\text{TiO}_3$ coating. <i>Materials Letters</i> , 2019, 239, 56-58.	1.3	27
107	Synthesis of Er-doped LiMnPO_4/C by a sol-assisted hydrothermal process with superior rate capability. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 196-203.	1.9	53
108	Direct Growth of $\text{MoO}_2/\text{Reduced Graphene Oxide Hollow Sphere Composites}$ as Advanced Anode Materials for Potassium-ion Batteries. <i>ChemSusChem</i> , 2019, 12, 873-880.	3.6	100

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109	Facile Fabrication of Hierarchical LiMnPO ₄ Microspheres for High-Performance Lithium-Ion Batteries Cathode. Journal of the Electrochemical Society, 2019, 166, A118-A124.	1.3	28
110	A Simple and Low-Cost Method to Synthesize Cr-Doped Fe_2O_3 Electrode Materials for Lithium-Ion Batteries. ChemElectroChem, 2019, 6, 856-864.	1.7	30
111	Hybrid porous flower-like NiO@CeO ₂ microspheres with improved pseudocapacitive properties. Electrochimica Acta, 2019, 297, 593-605.	2.6	51
112	Li _{0.95} Na _{0.05} MnPO ₄ /C nanoparticles compounded with reduced graphene oxide sheets for superior lithium ion battery cathode performance. Ceramics International, 2019, 45, 4849-4856.	2.3	18
113	Potassium vanadate K _{0.23} V ₂ O ₅ as anode materials for lithium-ion and potassium-ion batteries. Journal of Power Sources, 2018, 389, 77-83.	4.0	50
114	Three-Dimensional Honeycomb-Structural LiAlO ₂ -Modified LiMnPO ₄ Composite with Superior High Rate Capability as Li-Ion Battery Cathodes. ACS Applied Materials & Interfaces, 2018, 10, 10786-10795.	4.0	49
115	Morphological evolution of hollow NiCo ₂ O ₄ microspheres and their high pseudocapacitance contribution for Li/Na-ion battery anodes. New Journal of Chemistry, 2018, 42, 17762-17768.	1.4	13
116	NaCl-Template Assisted Synthesis of 3D Honeycomb-Like LiMnPO ₄ /C with High Rate and Stable Performance as Lithium-Ion Battery Cathodes. ACS Sustainable Chemistry and Engineering, 2018, 6, 16683-16691.	3.2	29
117	Facile synthesis of carbon-LiMnPO ₄ nanorods with hierarchical architecture as a cathode for high-performance Li-ion batteries. Electrochimica Acta, 2018, 289, 415-421.	2.6	35
118	Novel high-capacity hybrid layered oxides Na _x Li _{1.5-x} Ni _{0.167} Co _{0.167} Mn _{0.67} O ₂ as promising cathode materials for rechargeable sodium ion batteries. Ceramics International, 2018, 44, 22512-22519.	2.3	9
119	Improved lithium storage properties of Co ₃ O ₄ nanoparticles via laser irradiation treatment. Electrochimica Acta, 2018, 281, 31-38.	2.6	41
120	Na ₃ V ₂ (PO ₄) ₃ /C Composite Prepared by Sol-Gel Method as Cathode for Sodium Ion Batteries. Journal of the Electrochemical Society, 2018, 165, A1460-A1465.	1.3	27
121	Template-assisted <i>in situ</i> confinement synthesis of nitrogen and oxygen co-doped 3D porous carbon network for high-performance sodium-ion battery anode. New Journal of Chemistry, 2018, 42, 14410-14416.	1.4	15
122	Manganese Extraction from Low-Grade Pyrolusite by Roasting with H ₂ SO ₄ . Jom, 2018, 70, 2008-2014.	0.9	12
123	Co-precipitation assisted hydrothermal method to synthesize Li _{0.9} Na _{0.1} Mn _{0.9} Ni _{0.1} PO ₄ /C nanocomposite as cathode for lithium ion battery. Journal of Alloys and Compounds, 2018, 768, 991-994.	2.8	17
124	High-Surface-Area and Porous Co ₂ P Nanosheets as Cost-Effective Cathode Catalysts for Li-O ₂ Batteries. ACS Applied Materials & Interfaces, 2018, 10, 21281-21290.	4.0	52
125	Hydrothermal synthesis of LiAlO ₂ nanostructures with high specific surface area by using anodized aluminum oxide template. Materials Letters, 2017, 196, 183-186.	1.3	8
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130	In-situ growth of LiMnPO ₄ on porous LiAlO ₂ nanoplates substrates from AAO synthesized by hydrothermal reaction with improved electrochemical performance. <i>Electrochimica Acta</i> , 2016, 193, 16-23.	2.6	16
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