Zhanyu Li

List of Publications by Year
in descending order

25 papers	900 citations	471509 17 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	873 citing authors

#	Article	IF	Citations
1	Multi-type cubic ComXn (XÂ=ÂO, S, Se) induced by zeolitic imidazolate framework (ZIF) as cathode materials for aluminum battery. Chemical Engineering Journal, 2022, 430, 133135.	12.7	12
2	Hollow nanotubes carbon@tellurium for high-performance Al-Te batteries. Electrochimica Acta, 2022, 401, 139498.	5.2	2
3	Two-dimensional V2C@Se (MXene) composite cathode material for high-performance rechargeable aluminum batteries. Energy Storage Materials, 2022, 46, 138-146.	18.0	56
4	High-performance carbon-coated hollow nanocube ZnSe as cathode material for aluminum batteries. Journal of Alloys and Compounds, 2022, 920, 166006.	5.5	5
5	Rhombic dodecahedron hetero-structure Zn/Coâ€“Se@C as cathode material for aluminum batteries with excellent electrochemical performance. Journal of Power Sources, 2021, 511, 230455.	7.8	15
6	A novel CuSe-Cu1.8Se heterostructure with hexahedral structure cathode material for aluminum batteries. Chemical Engineering Journal, 2021, 426, 131899.	12.7	28
7	Metalâ€“Organic Framework Structure with Feâ€“Coâ€“Se (MIL-88A/Feâ€“Co@Se) as a Cathode for Aluminum Batteries. ACS Applied Materials & Interfaces, 2021, 13, 61107-61115.	8.0	12
8	Two-dimensional composite of D-Ti₃C₂T_x@S@TiO₂ (MXene) as the cathode material for aluminum-ion batteries. Nanoscale, 2020, 12, 3387-3399.	5.6	60
9	A high-performance graphite-graphite dual ion battery based on AlCl3/NaCl molten salts. Journal of Power Sources, 2020, 475, 228628.	7.8	22
10	Two-dimensional Ti3C2@CTAB-Se (MXene) composite cathode material for high-performance rechargeable aluminum batteries. Chemical Engineering Journal, 2020, 398, 125679.	12.7	70
11	Reduced graphene oxide (rGO) coated porous nanosphere TiO2@Se composite as cathode material for high-performance reversible Al-Se batteries. Chemical Engineering Journal, 2020, 400, 126000.	12.7	30
12	Pseudocapacitance effect in Al-C batteries with expanded graphite positive electrode at different temperatures. Journal of Power Sources, 2020, 467, 228323.	7.8	16
13	Novel One-Dimensional Hollow Carbon Nanotubes/Selenium Composite for High-Performance Al-Se Batteries. ACS Applied Materials & Interfaces, 2019, 11, 45709-45716.	8.0	35
14	3D hierarchical AlV3O9 microspheres as a cathode material for rechargeable aluminum-ion batteries. Electrochimica Acta, 2019, 298, 288-296.	5.2	47
15	Nanosphere-rod-like Co3O4 as high performance cathode material for aluminium ion batteries. Journal of Power Sources, 2019, 422, 49-56.	7.8	61
16	Rechargeable Aluminum-Ion Battery Based on MoS₂ Microsphere Cathode. ACS Applied Materials & Interfaces, 2018, 10, 9451-9459.	8.0	171
17	Prelithiation treatment of graphite as cathode material for rechargeable aluminum batteries. Electrochimica Acta, 2018, 263, 68-75.	5.2	31
18	A novel graphite-based dual ion battery using PP14NTF2 ionic liquid for preparing graphene structure. Carbon, 2018, 138, 52-60.	10.3	27

#	Article	IF	Citations
19	A Novel Graphiteâ€“Graphite Dual Ion Battery Using an AlCl₃â€“[EMIm]Cl Liquid Electrolyte. Small, 2018, 14, e1800745.	10.0	73
20	Pr-modified Li4Ti5O12 nanofibers as an anode material for lithium-ion batteries with outstanding cycling performance and rate performance. Ionics, 2017, 23, 597-605.	2.4	8
21	Synthesis and electrochemical performance of Li4Ti5O12 submicrospheres coated with TiN as anode materials for lithium-ion battery. Ceramics International, 2016, 42, 15464-15470.	4.8	21
22	Stabilizing the structure and suppressing the voltage decay of Li[Li0.2Mn0.54Co0.13Ni0.13]O2 cathode materials for Li-ion batteries via multifunctional PrÂoxide surface modification. Ceramics International, 2016, 42, 18620-18630.	4.8	24
23	Understanding the enhanced electrochemical performance of samarium substituted Li[Li0.2Mn0.54â^'xSmxCo0.13Ni0.13]O2 cathode material for lithium ion batteries. Solid State Ionics, 2016, 293, 7-12.	2.7	25
24	Structure and electrochemical properties of Sm-doped Li₄Ti₅O₁₂ as anode material for lithium-ion batteries. RSC Advances, 2016, 6, 15492-15500.	3.6	42
25	Influence of cooling mode on the electrochemical properties of Li4Ti5O12 anode materials for lithium-ion batteries. Ionics, 2016, 22, 789-795.	2.4	7