Youzhong Dong

List of Publications by Year
in descending order

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46 papers	1,020 citations	623734 14 h-index	434195 31 g-index
46 all docs	46 docs citations	46 times ranked	1202 citing authors

#	Article	IF	Citations
1	Molybdenum-based NASICON Li2M2(MoO4)3 (M = Zn, Cu): Understanding structural evolution and lithium storage mechanism. Journal of Alloys and Compounds, 2022, 890, 161884.	5.5	1
2	Layered structural Zn2Mo3O8 as electrode material for aqueous zinc-ion batteries. Electrochimica Acta, 2022, 403, 139629.	5.2	12
3	MgMoO₄ as an anode material for lithium ion batteries and its multi-electron reaction mechanism. Dalton Transactions, 2022, 51, 2493-2505.	3.3	4
4	Dual-carbon decorated Na3Mn2(P2O7)(PO4) nanocomposite via freeze drying: A zero-strain cathode material for sodium ion batteries. Journal of Power Sources, 2022, 521, 230927.	7.8	15
5	Preparation and electrochemical performance of nanowire-shape Na3Mn2-xFex(P2O7)(PO4) for sodium ion battery and lithium ion battery. Dalton Transactions, 2022, , .	3.3	3
6	Cubic MnV₂O₄ fabricated through a facile solâ€“gel process as an anode material for lithium-ion batteries: morphology and performance evolution. Dalton Transactions, 2022, 51, 4644-4652.	3.3	3
7	The lithium storage mechanism of a new Li3Ti0.75(MoO4)3 high-performance anode material and its applications for both half-cell and full-cell. Journal of Power Sources, 2022, 530, 231300.	7.8	1
8	Suppression of partially irreversible phase transition in Oâ€²3-Na3Ni2SbO6 cathode for sodium-ion batteries by interlayered structural modulation. Journal of Energy Chemistry, 2022, 73, 436-444.	12.9	7
9	Insights into the enhanced electrochemical performance of MnV₂O₆ nanoflakes as an anode material for advanced lithium storage. Nanoscale, 2022, 14, 10428-10438.	5.6	5
10	Improvement of electrochemical performance of the Li9V3(P2O7)3(PO4)2 cathode material by aliovalent Mo4+ doping. Journal of Solid State Electrochemistry, 2021, 25, 983-991.	2.5	1
11	The facile synthesis and electrochemical performance of Ni₂V₂O₇ as a novel anode material for lithium-ion batteries. Dalton Transactions, 2021, 50, 7293-7304.	3.3	6
12	Facile synthesis of one-dimensional vanadyl acetate nanobelts toward a novel anode for lithium storage. Dalton Transactions, 2021, 50, 11568-11578.	3.3	2
13	Mg-doped Li-rich vanadium phosphate Li9V3(P2O7)3(PO4)2 as cathode for lithium-ion batteries: electrochemical performance and lithium storage mechanism. Journal of Solid State Electrochemistry, 2021, 25, 2267-2277.	2.5	3
14	Spinel Zn3V3O8: A high-capacity zinc supplied cathode for aqueous Zn-ion batteries. Energy Storage Materials, 2021, 41, 297-309.	18.0	83
15	Synthesis of a full range Fe-doped ZnFe_xCo_{2â”x}O₄ and its application as anode material for lithium-ion battery. Dalton Transactions, 2021, 50, 15036-15046.	3.3	3
16	Mixed-metal borate FeVBO4 of tunnel structure: Synthesis and electrochemical properties in lithium and sodium ion batteries. Journal of Alloys and Compounds, 2020, 812, 152165.	5.5	10
17	Structural and electrochemical studies of Fe-doped Na3Mn2P3O11 cathode materials for sodium-ion batteries. Journal of Alloys and Compounds, 2020, 821, 153206.	5.5	12
18	The electrochemical performanceand multielectron reaction mechanism of NiV2O6 as anovel anode material for lithium-ion batteries. Electrochimica Acta, 2020, 359, 136979.	5.2	14

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19	Facile synthesis, structure and electrochemical performance of RbV3O8/ketjenblack as cathode material for lithium-ion batteries. Electrochimica Acta, 2020, 355, 136799.	5.2	5
20	Lithiated bimetallic oxide, Li3Fe(MoO4)3, as a high-performance anode material for lithium-ion batteries and its multielectron reaction mechanism. Journal of Power Sources, 2020, 476, 228656.	7.8	13
21	Electrochemically Induced Structural and Morphological Evolutions in Nickel Vanadium Oxide Hydrate Nanobelts Enabling Fast Transport Kinetics for High-Performance Zinc Storage. ACS Applied Materials & Interfaces, 2020, 12, 24726-24736.	8.0	47
22	Binary metal oxide anode material, VOMoO4/C, with a high capacity and ultralong cycle-life for lithium ion batteries and its multi-electron reaction mechanism. Solid State Ionics, 2020, 348, 115280.	2.7	10
23	Synthesis, structure, and electrochemical performance of V3BO6 nanocomposite: A new vanadium borate as high-rate anode for Li-ion batteries. Electrochimica Acta, 2020, 335, 135661.	5.2	6
24	A comparative study of lithium and sodium storage in CeVO3. Journal of Solid State Chemistry, 2019, 271, 334-338.	2.9	2
25	A new sodium ferrous orthophosphate Na x Fe4(PO4)3 as anode materials for sodium-ion batteries. Journal of Materials Science, 2018, 53, 8385-8397.	3.7	5
26	Synthesis of alluaudite-type Na2VFe2(PO4)3/C and its electrochemical performance as cathode material for sodium-ion battery. Journal of Solid State Electrochemistry, 2018, 22, 891-898.	2.5	11
27	One-pot hydrothermal synthesis of NaxV2O5Â·nH2O/KB nanocomposite as a sodium-ion battery cathode for improved reversible capacity and rate performance. Journal of Power Sources, 2018, 396, 230-237.	7.8	23
28	Structural and electrochemical properties of Fe-doped Na 2 Mn 3-x Fe x (P 2 O 7) 2 cathode material for sodium ion batteries. Journal of Power Sources, 2017, 370, 114-121.	7.8	20
29	A promising mechanical ball-milling method to synthesize carbon-coated Co9S8 nanoparticles as high-performance electrode for supercapacitor. Journal of Materials Science, 2017, 52, 13552-13560.	3.7	19
30	Mo⁶⁺ Doping in Li₃VO₄ Anode for Li-Ion Batteries: Significantly Improve the Reversible Capacity and Rate Performance. ACS Applied Materials & Interfaces, 2017, 9, 27688-27696.	8.0	35
31	Li2.97Mg0.03VO4: High rate capability and cyclability performances anode material for rechargeable Li-ion batteries. Journal of Power Sources, 2016, 319, 104-110.	7.8	33
32	Cheese-like bulk carbon with nanoholes prepared from egg white as an anode material for lithium and sodium ion batteries. RSC Advances, 2016, 6, 80986-80993.	3.6	14
33	Superstructure ZrV₂O₇nanofibres: thermal expansion, electronic and lithium storage properties. Physical Chemistry Chemical Physics, 2016, 18, 32160-32168.	2.8	8
34	Synthesis of the Carbon-Coated Nanoparticle Co₉S₈ and Its Electrochemical Performance as an Anode Material for Sodium-Ion Batteries. Langmuir, 2016, 32, 12593-12602.	3.5	78
35	Synthesis, structural, and electrochemical properties of NaCo(PO3)3 cathode for sodium-ion batteries. Journal of Solid State Electrochemistry, 2016, 20, 1241-1250.	2.5	13
36	A comparative study of Li8NaV3(P2O7)3(PO4)2 and Li9V3(P2O7)3(PO4)2: Synthesis, structure and electrochemical properties. Journal of Power Sources, 2016, 306, 337-346.	7.8	9

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37	Synthesis, characterization, and electrochemical properties of Li2Mn1-x Fe x (PO3)4 cathode material for lithium-ion batteries. Journal of Solid State Electrochemistry, 2016, 20, 337-344.	2.5	5
38	Electrochemical performance and lithium-ion insertion/extraction mechanism studies of the novel Li2ZrO3 anode materials. Electrochimica Acta, 2015, 161, 219-225.	5.2	33
39	Synthesis and structural data of a Fe-base sodium metaphosphate compound, NaFe(PO 3) 3. Data in Brief, 2015, 4, 217-221.	1.0	3
40	Subsolidus phase relations of Li2Oâ€“FeOâ€“P2O5 system and the solid solubility of Li1+x Fe1â^'x PO4 compounds under Ar/H2 atmosphere. Journal of Materials Science, 2015, 50, 203-209.	3.7	7
41	New understanding of Li3VO4/C as potential anode for Li-ion batteries: Preparation, structure characterization and lithium insertion mechanism. Journal of Power Sources, 2015, 274, 345-354.	7.8	108
42	Synthesis of carbon-coated Li3VO4 and its high electrochemical performance as anode material for lithium-ion batteries. Journal of Power Sources, 2014, 252, 244-247.	7.8	77
43	Synthesis and electrochemical properties of Li9V3â€‰â^'â€‰x Ti x (P2O7)3(PO4)2/C compounds via wet method for lithium-ion batteries. Journal of Solid State Electrochemistry, 2014, 18, 561-567.	2.5	5
44	Nanotube Li₂MoO₄: a novel and high-capacity material as a lithium-ion battery anode. Nanoscale, 2014, 6, 13660-13667.	5.6	64
45	Crystal structure and electrochemical properties of LiFe_{1â^'x}Zn_xPO₄ (x â‰ 1.0). Powder Diffraction, 2011, 26, 238-243.	0.2	7
46	Synthesis and electrochemical properties of Co-doped Li3V2(PO4)3 cathode materials for lithium-ion batteries. Electrochimica Acta, 2010, 55, 1575-1581.	5.2	175