Youzhong Dong

List of Publications by Year
in descending order

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Version: 2024-02-01

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	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
2	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
3	Spinel Zn3V3O8: A high-capacity zinc supplied cathode for aqueous Zn-ion batteries. Energy Storage Materials, 2021, 41, 297-309.	18.0	83
4	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
5	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
6	Nanotube Li₂MoO₄: a novel and high-capacity material as a lithium-ion battery anode. Nanoscale, 2014, 6, 13660-13667.	5.6	64
7	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
8	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
9	Electrochemical performance and lithium-ion insertion/extraction mechanism studies of the novel Li2ZrO3 anode materials. Electrochimica Acta, 2015, 161, 219-225.	5.2	33
10	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
11	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
12	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
13	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
14	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
15	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
16	The electrochemical performanceand multielectron reaction mechanism of NiV2O6 as anovel anode material for lithium-ion batteries. Electrochimica Acta, 2020, 359, 136979.	5.2	14
17	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
18	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

#	Article	IF	Citations
19	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
20	Layered structural Zn2Mo3O8 as electrode material for aqueous zinc-ion batteries. Electrochimica Acta, 2022, 403, 139629.	5.2	12
21	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
22	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
23	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
24	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
25	Superstructure ZrV₂O₇nanofibres: thermal expansion, electronic and lithium storage properties. Physical Chemistry Chemical Physics, 2016, 18, 32160-32168.	2.8	8
26	Crystal structure and electrochemical properties of LiFe_{1â^'x}Zn_xPO₄ (x â‰ 1.0). Powder Diffraction, 2011, 26, 238-243.	0.2	7
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	Facile synthesis, structure and electrochemical performance of RbV3O8/ketjenblack as cathode material for lithium-ion batteries. Electrochimica Acta, 2020, 355, 136799.	5.2	5
35	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
36	MgMoO₄ as an anode material for lithium ion batteries and its multi-electron reaction mechanism. Dalton Transactions, 2022, 51, 2493-2505.	3.3	4

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37	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
38	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
39	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
40	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
41	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
42	A comparative study of lithium and sodium storage in CeVO3. Journal of Solid State Chemistry, 2019, 271, 334-338.	2.9	2
43	Facile synthesis of one-dimensional vanadyl acetate nanobelts toward a novel anode for lithium storage. Dalton Transactions, 2021, 50, 11568-11578.	3.3	2
44	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
45	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
46	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