

Liu Yan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Al substituted Mn position on Li[Ni _{0.5} Co _{0.2} Mn _{0.3}]O ₂ for high rates performance of cathode material. Vacuum, 2021, 188, 110168.	3.5	23
2	Ultralong cycling stability of cotton fabric/LiFePO ₄ composites as electrode materials for lithium-ion batteries. Journal of Alloys and Compounds, 2018, 737, 693-698.	5.5	18
3	Effect of Na ⁺ in situ doping on LiFePO ₄ /C cathode material for lithium-ion batteries. Progress in Natural Science: Materials International, 2021, 31, 14-18.	4.4	18
4	Boosting the ionic transport and structural stability of Zn-doped O ₃ -type NaNi _{1/3} Mn _{1/3} Fe _{1/3} O ₂ cathode material for half/full sodium-ion batteries. Electrochimica Acta, 2022, 418, 140357.	5.2	17
5	A novel double modification to enhance electrochemical performance of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ by substituting Ce for Co site. Electrochimica Acta, 2021, 391, 138904.	5.2	12
6	Surface modification with oxygen vacancy in LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ for lithium-ion batteries. Journal of Alloys and Compounds, 2021, 881, 160626.	5.5	10
7	Surfactant-assisted microemulsion approach of chrysanthemum-like Co ₃ O ₄ microspheres and their application in lithium-ion battery. Solid State Ionics, 2013, 231, 63-68.	2.7	8
8	Promotive effect of multi-walled carbon nanotubes on Co ₃ O ₄ nanosheets and their application in lithium-ion battery. Progress in Natural Science: Materials International, 2014, 24, 184-190.	4.4	5
9	Electrochemical properties of hydrophilic NiCo ₂ O ₄ in situ grown on biomass carbon networks for Lithium ion batteries. Journal of Solid State Chemistry, 2021, 295, 121903.	2.9	5
10	Evolution effect of Ti-based modifiers awards improved lithium ion diffusion rate of single crystal nickel-rich cathode. Journal of Solid State Chemistry, 2022, 306, 122796.	2.9	5
11	Enhance performance of Li _{1.2} Mn _{0.54} Ni _{0.13} Co _{0.13} O ₂ cathodes via B ³⁺ doping owe to the suppression of spinel phase generates. Vacuum, 2022, 202, 111217.	3.5	4
12	Improved electrochemical properties by lithium insertion into Co ₃ O ₄ in aqueous LiOH solution. Progress in Natural Science: Materials International, 2013, 23, 593-597.	4.4	2
13	A practical doping strategy to boost electrochemical performance of Li-ion half/full battery. Solid State Sciences, 2022, 125, 106840.	3.2	1
14	A practical Li-ion full cell with a Li-ion conductor coating cathode and graphite anode: strong interface stability and superior electrochemical performance. Current Applied Physics, 2021, , .	2.4	0