

# Liu Yan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8050967/publications.pdf>

Version: 2024-02-01

14  
papers

128  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

89  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution effect of Ti-based modifiers awards improved lithium ion diffusion rate of single crystal nickel-rich cathode. <i>Journal of Solid State Chemistry</i> , 2022, 306, 122796.	2.9	5
2	A practical doping strategy to boost electrochemical performance of Li-ion half/full battery. <i>Solid State Sciences</i> , 2022, 125, 106840.	3.2	1
3	Boosting the ionic transport and structural stability of Zn-doped O3-type $\text{NaNi}_{1/3}\text{Mn}_{1/3}\text{Fe}_{1/3}\text{O}_2$ cathode material for half/full sodium-ion batteries. <i>Electrochimica Acta</i> , 2022, 418, 140357.	5.2	17
4	Enhance performance of $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}\text{O}_2$ cathodes via B <sup>3+</sup> doping owe to the suppression of spinel phase generates. <i>Vacuum</i> , 2022, 202, 111217.	3.5	4
5	Effect of Na <sup>+</sup> in situ doping on $\text{LiFePO}_4/\text{C}$ cathode material for lithium-ion batteries. <i>Progress in Natural Science: Materials International</i> , 2021, 31, 14-18.	4.4	18
6	Electrochemical properties of hydrophilic $\text{NiCo}_2\text{O}_4$ in situ grown on biomass carbon networks for Lithium ion batteries. <i>Journal of Solid State Chemistry</i> , 2021, 295, 121903.	2.9	5
7	Al substituted Mn position on $\text{Li}[\text{Ni}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}]\text{O}_2$ for high rates performance of cathode material. <i>Vacuum</i> , 2021, 188, 110168.	3.5	23
8	A novel double modification to enhance electrochemical performance of $\text{LiNi}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}\text{O}_2$ by substituting Ce for Co site. <i>Electrochimica Acta</i> , 2021, 391, 138904.	5.2	12
9	A practical Li-ion full cell with a Li-ion conductor coating cathode and graphite anode: strong interface stability and superior electrochemical performance. <i>Current Applied Physics</i> , 2021, , .	2.4	0
10	Surface modification with oxygen vacancy in $\text{LiNi}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}\text{O}_2$ for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 881, 160626.	5.5	10
11	Ultralong cycling stability of cotton fabric/ $\text{LiFePO}_4$ composites as electrode materials for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2018, 737, 693-698.	5.5	18
12	Promotive effect of multi-walled carbon nanotubes on $\text{Co}_3\text{O}_4$ nanosheets and their application in lithium-ion battery. <i>Progress in Natural Science: Materials International</i> , 2014, 24, 184-190.	4.4	5
13	Improved electrochemical properties by lithium insertion into $\text{Co}_3\text{O}_4$ in aqueous LiOH solution. <i>Progress in Natural Science: Materials International</i> , 2013, 23, 593-597.	4.4	2
14	Surfactant-assisted microemulsion approach of chrysanthemum-like $\text{Co}_3\text{O}_4$ microspheres and their application in lithium-ion battery. <i>Solid State Ionics</i> , 2013, 231, 63-68.	2.7	8