Xuyan Liu

List of Publications by Year
in descending order

12	179	1307594 7	1281871 11
papers	citations	h-index	g-index

12	12	12	231
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solutions for the problems of siliconâ€“carbon anode materials for lithium-ion batteries. Royal Society Open Science, 2018, 5, 172370.	2.4	56
2	Fabrication of polypyrrole/multi-walled carbon nanotubes composites as high performance electrodes for supercapacitors. Journal of Electroanalytical Chemistry, 2020, 862, 114006.	3.8	28
3	Development of low-Youngâ€™s modulus Tiâ€“Nb-based alloys with Cr addition. Journal of Materials Science, 2019, 54, 8675-8683.	3.7	22
4	Design strategies for development of nickel-rich ternary lithium-ion battery. Ionics, 2020, 26, 1063-1080.	2.4	18
5	Fabrication of polypyrrole (PPy) nanotube electrode for supercapacitors with enhanced electrochemical performance. Journal of Materials Science: Materials in Electronics, 2020, 31, 581-586.	2.2	16
6	Effect of Nb Content on Microstructures and Mechanical Properties of Ti-xNb-2Fe Alloys. Journal of Materials Engineering and Performance, 2019, 28, 5501-5508.	2.5	15
7	Hydrothermal synthesis of nano-SnO2@SiO2 composites for lithium-ion battery anodes. Journal of Materials Science: Materials in Electronics, 2018, 29, 5710-5717.	2.2	13
8	Polypyrrole@ silica composites as high performance electrode materials for Lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 6098-6104.	2.2	6
9	Impact of gelation in nickel-rich ternary lithium-ion batteries. Ionics, 2021, 27, 5159-5166.	2.4	2
10	Polypyrrole/SnO2@SiO2 as anode materials with improved lithium storage performance. Ionics, 2022, 28, 1109-1117.	2.4	2
11	Microstructure, Mechanical Properties, and Springback of Ti-Nb Alloys Modified by Mo Addition. Journal of Materials Engineering and Performance, 2020, 29, 5366-5373.	2.5	1
12	Study on modification and electrochemical performance of graphene/nickel matrix composite. Journal of Materials Science: Materials in Electronics, 2022, 33, 4081-4092.	2.2	0