

Wen Li

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

521
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	AlF ₃ modification to suppress the gas generation of Li ₄ Ti ₅ O ₁₂ anode battery. <i>Electrochimica Acta</i> , 2014, 139, 104-110.	5.2	77
2	Rational formation of solid electrolyte interface for high-rate potassium ion batteries. <i>Nano Energy</i> , 2020, 75, 104979.	16.0	55
3	Effect of Mg ²⁺ /F ⁻ co-doping on electrochemical performance of LiNi _{0.5} Mn _{1.5} O ₄ for 5V lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 323, 134692.	5.2	48
4	Effects of Ag coating on the structural and electrochemical properties of LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ as cathode material for lithium ion batteries. <i>Electrochimica Acta</i> , 2019, 327, 135054.	5.2	44
5	Structural and electrochemical characteristics of Al ₂ O ₃ -modified LiNi _{0.5} Mn _{1.5} O ₄ cathode materials for lithium-ion batteries. <i>Ceramics International</i> , 2019, 45, 5100-5110.	4.8	43
6	Advanced cathodes for potassium-ion batteries with layered transition metal oxides: a review. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8221-8247.	10.3	37
7	A carbon microtube array with a multihole cross profile: releasing the stress and boosting long-cycling and high-rate potassium ion storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25845-25852.	10.3	36
8	Enhanced electrochemical performance of a LTO/N-doped graphene composite as an anode material for Li-ion batteries. <i>Solid State Ionics</i> , 2017, 311, 98-104.	2.7	29
9	The reaction mechanism of the Mg ²⁺ and F ⁻ co-modification and its influence on the electrochemical performance of the Li ₄ Ti ₅ O ₁₂ anode material. <i>Electrochimica Acta</i> , 2016, 188, 499-511.	5.2	28
10	Al-Ti-oxide coated LiCoO ₂ cathode material with enhanced electrochemical performance at a high cutoff charge potential of 4.5V. <i>Journal of Alloys and Compounds</i> , 2019, 799, 137-146.	5.5	24
11	The structural and electrochemical performance of Mg-doped LiNi _{0.85} Co _{0.10} Al _{0.05} O ₂ prepared by a solid state method. <i>Journal of Electroanalytical Chemistry</i> , 2020, 858, 113771.	3.8	23
12	A facile one-step solid-state synthesis of a Li ₄ Ti ₅ O ₁₂ /graphene composite as an anode material for high-power lithium-ion batteries. <i>Solid State Ionics</i> , 2019, 329, 110-118.	2.7	18
13	Synthesis of pomegranate-structured Si/C microspheres using P123 as surfactant for high-energy lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020, 864, 114102.	3.8	12
14	The role of ZrF ₄ -modification on the structure and electrochemical performance of Li ₄ Ti ₅ O ₁₂ anode material. <i>Journal of Alloys and Compounds</i> , 2018, 745, 659-668.	5.5	11
15	Structure and enhanced electrochemical performance of the CaF ₂ -modified Li ₄ Ti ₅ O ₁₂ anode material. <i>Journal of Electroanalytical Chemistry</i> , 2017, 791, 196-203.	3.8	10
16	Recent progress in electrochemical performance of carbon-based anodes for potassium-ion batteries based on first principles calculations. <i>Nanotechnology</i> , 2021, 32, 472003.	2.6	9
17	A Porous Mooncake-Shaped Li ₄ Ti ₅ O ₁₂ Anode Material Modified by SmF ₃ and Its Electrochemical Performance in Lithium Ion Batteries. <i>Chemistry - A European Journal</i> , 2020, 26, 17097-17102.	3.3	7
18	Effect of Zn ²⁺ and F ⁻ Co-Modification on the Structure and Electrochemical Performance of Li ₄ Ti ₅ O ₁₂ Anode Material. <i>Nano</i> , 2017, 12, 1750054.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Porous carbon-confined Co _x S _y nanoparticles derived from ZIF-67 for boosting lithium-ion storage. RSC Advances, 2021, 12, 939-946.	3.6	4