Guo Junming

List of Publications by Year
in descending order

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21	437	623734 14	713466 21
papers	citations	h-index	g-index

21	21	21	232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile synthesis and electrochemical properties of truncated octahedral Al, Ni dual doped LiMn2O4 cathode materials. Journal of Alloys and Compounds, 2022, 904, 164027.	5.5	16
2	Waste-honeycomb-derived in situ N-doped Hierarchical porous carbon as sulfur host in lithiumâ€“sulfur battery. Dalton Transactions, 2022, 51, 1502-1512.	3.3	11
3	A nano-truncated Ni/La doped manganese spinel material for high rate performance and long cycle life lithium-ion batteries. New Journal of Chemistry, 2022, 46, 7078-7089.	2.8	5
4	Improved capacity retention and ultralong cycle performance of Ni-Fe co-doped LiMn2O4 cathode material at high current densities. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129259.	4.7	11
5	High rate performance and kinetic investigation of polyhedral Li1Â·05Mn1.95-Ni O4 cathode material. Ceramics International, 2021, 47, 2441-2449.	4.8	15
6	Effects of crystal structure and plane orientation on lithium and nickel co-doped spinel lithium manganese oxide for long cycle life lithium-ion batteries. Journal of Colloid and Interface Science, 2021, 585, 729-739.	9.4	45
7	Facile combustion synthesis of amorphous Al₂O₃-coated LiMn₂O₄ cathode materials for high-performance Li-ion batteries. New Journal of Chemistry, 2021, 45, 10534-10540.	2.8	15
8	Facile flameless combustion synthesis of high-performance boron-doped LiMn2O4 cathode with a truncated octahedra. Journal of Alloys and Compounds, 2021, 874, 159912.	5.5	20
9	High-capacity and superior behavior of the Niâ€“Cu co-doped spinel LiMn₂O₄ cathodes rapidly prepared via microwave-induced solution flameless combustion. New Journal of Chemistry, 2021, 45, 16101-16111.	2.8	5
10	Stimulative formation of truncated octahedral LiMn₂O₄ by Cr and Al co-doping for use in durable cycling Li-ion batteries. Dalton Transactions, 2021, 50, 17052-17061.	3.3	9
11	Electrochemical properties and kinetics of Liâ€“Cu co-doping LiMn2O4 cathode materials. Journal of Materials Science: Materials in Electronics, 2020, 31, 286-297.	2.2	11
12	Improved electrochemical properties and kinetics of an LiMn₂O₄-based cathode co-modifiedviaCu doping with truncated octahedron morphology. New Journal of Chemistry, 2020, 44, 10569-10577.	2.8	21
13	Surface-orientation for boosting the high-rate and cyclability of spinel LiNi0.02Mn1.98O4 cathode material. Vacuum, 2020, 179, 109505.	3.5	19
14	Facile solid-state combustion synthesis of Alâ€“Ni dual-doped LiMn2O4 cathode materials. Journal of Materials Science: Materials in Electronics, 2020, 31, 6036-6044.	2.2	16
15	Facile synthesis of truncated octahedron LiNi0.10Mn1.90O4 for high-performance Li-ion batteries. Ceramics International, 2020, 46, 14516-14522.	4.8	28
16	Enhancing high-rate and elevated-temperature properties of Ni-Mg co-doped LiMn2O4 cathodes for Li-ion batteries. Journal of Colloid and Interface Science, 2019, 555, 64-71.	9.4	56
17	Single crystalline polyhedral LiNi Mn2-O4 as high-performance cathodes for ultralong cycling lithium-ion batteries. Solid State Ionics, 2018, 326, 100-109.	2.7	31
18	Enhanced cycle and rate performances of Li(Li 0.05 Al 0.05 Mn 1.90)O 4 cathode material prepared via a solution combustion method for lithium-ion batteries. Solid State Ionics, 2017, 307, 79-89.	2.7	22

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19	Synthesis and electrochemical performance evaluations of polyhedra spinel LiAlxMn2-xO4 (xâ‰¦0.20) cathode materials prepared by a solution combustion technique. Journal of Alloys and Compounds, 2017, 728, 1315-1328.	5.5	29
20	Electrochemical evaluation of LiZn Mn2â^'O4 (xâ‰0.10) cathode material synthesized by solution combustion method. Ceramics International, 2016, 42, 5693-5698.	4.8	19
21	Study on the electrochemical performance of high-cycle LiMg0.08Mn1.92O4 cathode material prepared by a solid-state combustion synthesis. Ceramics International, 2014, 40, 10839-10845.	4.8	33