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	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
2	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
3	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
4	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
5	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
6	Facile synthesis of truncated octahedron LiNi0.10Mn1.90O4 for high-performance Li-ion batteries. Ceramics International, 2020, 46, 14516-14522.	4.8	28
7	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
8	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
9	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
10	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
11	Surface-orientation for boosting the high-rate and cyclability of spinel LiNi0.02Mn1.98O4 cathode material. Vacuum, 2020, 179, 109505.	3.5	19
12	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
13	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
14	High rate performance and kinetic investigation of polyhedral Li1Â·05Mn1.95-Ni O4 cathode material. Ceramics International, 2021, 47, 2441-2449.	4.8	15
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	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