

Raesibe Sylvia Ledwaba

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural characterisation and mechanical properties of nanosized spinel LiMn ₂ O ₄ cathode investigated using atomistic simulation. Materials Research Bulletin, 2022, 146, 111611.	5.2	5
2	Intercalation voltages for spinel Li _x Mn ₂ O ₄ (0 ≤ x ≤ 2) cathode materials: Calibration of calculations with the ONETEP linear-scaling DFT code. Materials Today Communications, 2021, 27, 102380.	1.9	0
3	Atomistic Simulation and Characterization of Spinel Li _{1+x} Mn ₂ O ₄ (0 ≤ x ≤ 1) Nanoparticles. ACS Applied Energy Materials, 2020, 3, 1429-1438.	5.1	12
4	Computational Modelling Studies of Structural Transition in Li _{1+x} Mn ₂ O ₄ (0 ≤ x ≤ 1) Nanoparticles. ECS Meeting Abstracts, 2020, MA2020-01, 35-35.	0.0	0
5	Discharge induced structural variation of simulated bulk Li _{1+x} Mn ₂ O ₄ (0 ≤ x ≤ 1). Optical Materials, 2019, 92, 67-70.	3.6	2
6	Atomistic Perspectives on Mechanical Properties of Nanoporous Li-Mn-O Cathode upon Li-Intercalation. ECS Meeting Abstracts, 2019, , .	0.0	0
7	Atomistic Simulations of Lithiation Induced Structural Changes in Layered-Spinel Nano-Architected Li-Mn-O. ECS Meeting Abstracts, 2019, , .	0.0	0
8	Simulated Crystal Growth of Intermediate Phases Formed during Li and O Extraction of Nano-Li ₂ MnO ₃ Cathode Material. ECS Meeting Abstracts, 2019, , .	0.0	0