

# Raesibe Sylvia Ledwaba

## List of Publications by Year in descending order

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8  
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#	ARTICLE	IF	CITATIONS
1	Atomistic Simulation and Characterization of Spinel $\text{Li}_{1-x}\text{Mn}_2\text{O}_4$ (0 ≤ x ≤ 1) Nanoparticles. ACS Applied Energy Materials, 2020, 3, 1429-1438.	5.1	12
2	Structural characterisation and mechanical properties of nanosized spinel $\text{LiMn}_2\text{O}_4$ cathode investigated using atomistic simulation. Materials Research Bulletin, 2022, 146, 111611.	5.2	5
3	Discharge induced structural variation of simulated bulk $\text{Li}_{1-x}\text{Mn}_2\text{O}_4$ (0 ≤ x ≤ 1). Optical Materials, 2019, 92, 67-70.	3.6	2
4	Intercalation voltages for spinel $\text{Li}_x\text{Mn}_2\text{O}_4$ (0 ≤ x ≤ 2) cathode materials: Calibration of calculations with the ONETEP linear-scaling DFT code. Materials Today Communications, 2021, 27, 102380.	1.9	0
5	Atomistic Perspectives on Mechanical Properties of Nanoporous Li-Mn-O Cathode upon Li-Intercalation. ECS Meeting Abstracts, 2019, , .	0.0	0
6	Atomistic Simulations of Lithiation Induced Structural Changes in Layered-Spinel Nano-Architected Li-Mn-O. ECS Meeting Abstracts, 2019, , .	0.0	0
7	Simulated Crystal Growth of Intermediate Phases Formed during Li and O Extraction of Nano- $\text{Li}_2\text{MnO}_3$ Cathode Material. ECS Meeting Abstracts, 2019, , .	0.0	0
8	Computational Modelling Studies of Structural Transition in $\text{Li}_{1-x}\text{Mn}_2\text{O}_4$ (0 ≤ x ≤ 1) Nanoparticles. ECS Meeting Abstracts, 2020, MA2020-01, 35-35.	0.0	0