

Susumu Shiraki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Clean Solidâ€œElectrolyte/Electrode Interfaces Double the Capacity of Solid-State Lithium Batteries. ACS Applied Materials & Interfaces, 2021, 13, 5861-5865.	8.0	5
2	Low Interface Resistance in Solid-State Lithium Batteries Using Spinel $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ (111) Epitaxial Thin Films. ACS Applied Energy Materials, 2020, 3, 1358-1363.	5.1	18
3	Origin of Optical Transparency in a Transparent Superconductor LiTi_2O_4 . ACS Applied Electronic Materials, 2020, 2, 517-522.	4.3	5
4	Atomically Well-Ordered Structure at Solid Electrolyte and Electrode Interface Reduces the Interfacial Resistance. ACS Applied Materials & Interfaces, 2018, 10, 41732-41737.	8.0	58
5	Extremely Low Resistance of Li_3PO_4 Electrolyte/ $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ Electrode Interfaces. ACS Applied Materials & Interfaces, 2018, 10, 27498-27502.	8.0	41
6	Scanning tunnelling spectroscopy of superconductivity on surfaces of LiTi_2O_4 (111) thin films. Nature Communications, 2017, 8, 15975.	12.8	24
7	Orientation control of LiCoO_2 epitaxial thin films on metal substrates. Thin Solid Films, 2016, 600, 175-178.	1.8	13
8	Preparation and in-situ characterization of well-defined solid electrolyte/electrode interfaces in thin-film lithium batteries. Solid State Ionics, 2016, 285, 118-121.	2.7	47
9	Negligible â€œNegative Space-Charge Layer Effectsâ€œ at Oxide-Electrolyte/Electrode Interfaces of Thin-Film Batteries. Nano Letters, 2015, 15, 1498-1502.	9.1	119
10	Epitaxial growth of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ thin films using RF magnetron sputtering. Japanese Journal of Applied Physics, 2014, 53, 058001.	1.5	13
11	Fabrication of all-solid-state battery using epitaxial LiCoO_2 thin films. Journal of Power Sources, 2014, 267, 881-887.	7.8	65
12	Effects of Atomic Collisions on the Stoichiometry of Thin Films Prepared by Pulsed Laser Deposition. Physical Review Letters, 2013, 111, 036101.	7.8	36
13	Growth processes of lithium titanate thin films deposited by using pulsed laser deposition. Applied Physics Letters, 2012, 101, .	3.3	45