

Susumu Shiraki

List of Publications by Year in descending order

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13
papers

489
citations

840776

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times ranked

629
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Negligible "Negative Space-Charge Layer Effects" at Oxide-Electrolyte/Electrode Interfaces of Thin-Film Batteries. Nano Letters, 2015, 15, 1498-1502. | 9.1 | 119 |
| 2 | Fabrication of all-solid-state battery using epitaxial LiCoO ₂ thin films. Journal of Power Sources, 2014, 267, 881-887. | 7.8 | 65 |
| 3 | 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 |
| 4 | 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 |
| 5 | Growth processes of lithium titanate thin films deposited by using pulsed laser deposition. Applied Physics Letters, 2012, 101, . | 3.3 | 45 |
| 6 | Extremely Low Resistance of Li ₃ PO ₄ Electrolyte/Li(Ni _{0.5} Mn _{1.5})O ₄ Electrode Interfaces. ACS Applied Materials & Interfaces, 2018, 10, 27498-27502. | 8.0 | 41 |
| 7 | Effects of Atomic Collisions on the Stoichiometry of Thin Films Prepared by Pulsed Laser Deposition. Physical Review Letters, 2013, 111, 036101. | 7.8 | 36 |
| 8 | Scanning tunnelling spectroscopy of superconductivity on surfaces of LiTi ₂ O ₄ (111) thin films. Nature Communications, 2017, 8, 15975. | 12.8 | 24 |
| 9 | Low Interface Resistance in Solid-State Lithium Batteries Using Spinel LiNi _{0.5} Mn _{1.5} O ₄ (111) Epitaxial Thin Films. ACS Applied Energy Materials, 2020, 3, 1358-1363. | 5.1 | 18 |
| 10 | Epitaxial growth of Li ₄ Ti ₅ O ₁₂ thin films using RF magnetron sputtering. Japanese Journal of Applied Physics, 2014, 53, 058001. | 1.5 | 13 |
| 11 | Orientation control of LiCoO ₂ epitaxial thin films on metal substrates. Thin Solid Films, 2016, 600, 175-178. | 1.8 | 13 |
| 12 | Origin of Optical Transparency in a Transparent Superconductor LiTi ₂ O ₄ . ACS Applied Electronic Materials, 2020, 2, 517-522. | 4.3 | 5 |
| 13 | Clean Solid"Electrolyte/Electrode Interfaces Double the Capacity of Solid-State Lithium Batteries. ACS Applied Materials & Interfaces, 2021, 13, 5861-5865. | 8.0 | 5 |