

Jason Lapano

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

429
citations

759233

12
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

809
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Realization of Ohmic and Schottky Interfaces for Oxide Electronics. <i>Small Science</i> , 2022, 2, 2100087.	9.9	6
2	Searching for superconductivity in high entropy oxide Ruddlesden-Popper cuprate films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, .	2.1	14
3	Designing Magnetism in High Entropy Oxides. <i>Advanced Science</i> , 2022, 9, e2200391.	11.2	28
4	Surface-Driven Evolution of the Anomalous Hall Effect in Magnetic Topological Insulator MnBi_2Te_4 Thin Films. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	2
5	A low-temperature route for producing epitaxial perovskite superlattice structures on (001)-oriented SrTiO_3/Si substrates. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13115-13122.	5.5	3
6	Effective reduction of PdCoO_2 thin films via hydrogenation and sign tunable anomalous Hall effect. <i>Physical Review Materials</i> , 2021, 5, .	2.4	3
7	van der Waals Epitaxy Growth of Bi_2Se_3 on a Freestanding Monolayer Graphene Membrane: Implications for Layered Materials and Heterostructures. <i>ACS Applied Nano Materials</i> , 2021, 4, 7607-7613.	5.0	0
8	Correlating surface stoichiometry and termination in SrTiO_3 films grown by hybrid molecular beam epitaxy. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, .	2.1	8
9	Charge doping effects on magnetic properties of single-crystal MnO		

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19	Temperature-dependent growth window of CaTiO ₃ films grown by hybrid molecular beam epitaxy. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2018, 36, .	2.1	8
20	Frontiers in the Growth of Complex Oxide Thin Films: Past, Present, and Future of Hybrid MBE. <i>Advanced Functional Materials</i> , 2018, 28, 1702772.	14.9	78
21	Continuously Tuning Epitaxial Strains by Thermal Mismatch. <i>ACS Nano</i> , 2018, 12, 1306-1312.	14.6	44
22	Overlapping growth windows to build complex oxide superlattices. <i>APL Materials</i> , 2018, 6, 111104.	5.1	3
23	Native oxide removal from Ge surfaces by hydrogen plasma. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2018, 36, .	2.1	2
24	Opportunities in vanadium-based strongly correlated electron systems. <i>MRS Communications</i> , 2017, 7, 27-52.	1.8	77
25	High-Quality LaVO ₃ Films as Solar Energy Conversion Material. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12556-12562.	8.0	26
26	Self-regulated growth of CaVO ₃ by hybrid molecular beam epitaxy. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017, 35, .	2.1	13