

Benjamin Geisler

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

415
citations

687363

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713466

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all docs

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docs citations

22
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the Thermoelectric Properties of Transition Metal Oxide Thin Films and Superlattices on the Quantum Scale. <i>Physica Status Solidi (B): Basic Research</i> , 2022, 259, 2100270.	1.5	6
2	Quantifying transfer learning synergies in infinite-layer and perovskite nitrides, oxides, and fluorides. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 214003.	1.8	4
3	Coupling of electronic and structural degrees of freedom in vanadate superlattices. <i>Physical Review B</i> , 2022, 105, .	3.2	1
4	Correlated interface electron gas in infinite-layer nickelate versus cuprate films on SrTiO_3 . <i>Physical Review Research</i> , 2021, 3, .	3.2	4
5	Orbital engineering in YVO_3 superlattices. <i>Physical Review B</i> , 2021, 104, .	3.2	4
6	Active learning and element-embedding approach in neural networks for infinite-layer versus perovskite oxides. <i>Physical Review Research</i> , 2021, 3, .	3.6	6
7	Fundamental difference in the electronic reconstruction of infinite-layer versus perovskite neodymium nickelate films on SrTiO_3 . <i>Physical Review B</i> , 2020, 102, .	3.2	17
8	Competition of defect ordering and site disproportionation in strained LaCoO_3 on SrTiO_3 (001). <i>Physical Review B</i> , 2020, 101, .	3.2	12
9	Viewpoint: Atomic-Scale Design Protocols toward Energy, Electronic, Catalysis, and Sensing Applications. <i>Inorganic Chemistry</i> , 2019, 58, 14939-14980.	4.0	23
10	Effect of confinement and octahedral rotations on the electronic, magnetic, and thermoelectric properties of correlated SrX_3O_7 .		

#	ARTICLE	IF	CITATIONS
19	Interplay of growth mode and thermally induced spin accumulation in epitaxial Al/Co Mn_2 Physical Review B, 2014, 89, .	3.2	19
20	Surface morphology of MnSi thin films grown on Si(111). Surface Science, 2013, 617, 106-112.	1.9	9
21	Strain stabilization and thickness dependence of magnetism in epitaxial transition metal monosilicide thin films on Si(111). Physical Review B, 2013, 88, .	3.2	16
22	Growth mode and atomic structure of MnSi thin films on Si(111). Physical Review B, 2012, 86, .	3.2	33