

Benjamin Geisler

List of Publications by Year in descending order

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papers

415
citations

687363

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713466

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22
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22
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	First-principles study of spin-dependent thermoelectric properties of half-metallic Heusler thin films between platinum leads. <i>Physical Review B</i> , 2014, 89, .	3.2	56
2	Fundamental difference in the electronic reconstruction of infinite-layer versus perovskite neodymium nickelate films on $\text{SrTiO}_3(001)$. <i>Physical Review B</i> , 2020, 102, .	3.2	17
3	n - and p -type oxide thermoelectrics in LaNiO_3 . <i>Physical Review B</i> , 2017, 95, .	3.2	38
4	Growth mode and atomic structure of MnSi thin films on Si(111). <i>Physical Review B</i> , 2012, 86, .	3.2	33
5	Spin-caloric properties of epitaxial $\text{Co}_{2/3}\text{Ni}_{1/3}$ tunnel junctions. <i>Physical Review B</i> , 2015, 92, .	3.2	29
6	Confinement- and strain-induced enhancement of thermoelectric properties in LaNiO_3 superlattices. <i>Physical Review Materials</i> , 2018, 2, .	3.2	26
7	Viewpoint: Atomic-Scale Design Protocols toward Energy, Electronic, Catalysis, and Sensing Applications. <i>Inorganic Chemistry</i> , 2019, 58, 14939-14980.	4.0	23
8	Digital modulation of the nickel valence state in a cuprate-nickelate heterostructure. <i>Physical Review Materials</i> , 2018, 2, .	2.4	22
9	n - and p -Type Thermoelectricity in Oxide Superlattices by Strain Tuning of Orbital-Selective Transport Resonances. <i>Physical Review Applied</i> , 2019, 11, .	3.8	21
10	Correlated interface electron gas in infinite-layer nickelate versus cuprate films on SrTiO_3 . <i>Physical Review Research</i> , 2021, 3, .	3.6	13
11	Interplay of growth mode and thermally induced spin accumulation in epitaxial Al/Co_2 . <i>Physical Review B</i> , 2014, 89, .	3.2	19
12	Strain stabilization and thickness dependence of magnetism in epitaxial transition metal monosilicide thin films on Si(111). <i>Physical Review B</i> , 2013, 88, .	3.2	16
13	Effect of confinement and octahedral rotations on the electronic, magnetic, and thermoelectric properties of correlated SrX_3O_3 . <i>Physical Review B</i> , 2014, 89, .	3.2	16

#	ARTICLE	IF	CITATIONS
19	Atomic-scale detection of magnetic impurity interactions in bulk semiconductors. Physical Review B, 2015, 92, .	3.2	4
20	Orbital engineering in YVO_3 superlattices. Physical Review B, 2021, 104, .	3.2	4
21	Quantifying transfer learning synergies in infinite-layer and perovskite nitrides, oxides, and fluorides. Journal of Physics Condensed Matter, 2022, 34, 214003.	1.8	4
22	Coupling of electronic and structural degrees of freedom in vanadate superlattices. Physical Review B, 2022, 105, .	3.2	1