

K Terashima

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

131
citations

1684188

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h-index

1281871

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11
all docs

11
docs citations

11
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine-learning-guided discovery of the gigantic magnetocaloric effect in HoB ₂ near the hydrogen liquefaction temperature. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	84
2	Enhanced thermoelectricity by controlled local structure in bismuth-chalcogenides. <i>Journal of Applied Physics</i> , 2019, 125, 145105.	2.5	7
3	Determination of the local structure of Sr _{2-x} M _x IrO ₄ (M = K, La) as a function of doping and temperature. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 23783-23788.	2.8	6
4	Effect of Dy substitution in the giant magnetocaloric properties of HoB ₂ . <i>Science and Technology of Advanced Materials</i> , 2020, 21, 849-855.	6.1	6
5	XERUS: An Open-Source Tool for Quick XRD Phase Identification and Refinement Automation. <i>Advanced Theory and Simulations</i> , 2022, 5, .	2.8	6
6	The local structure of self-doped BiS ₂ -based layered systems as a function of temperature. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 22217-22225.	2.8	5
7	SuperMat: construction of a linked annotated dataset from superconductors-related publications. <i>Science and Technology of Advanced Materials Methods</i> , 2021, 1, 34-44.	1.3	5
8	Magnetocaloric particles of the Laves phase compound HoAl ₂ prepared by electrode induction melting gas atomization. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 547, 168906.	2.3	5
9	Gas-atomized particles of giant magnetocaloric compound HoB ₂ for magnetic hydrogen liquefiers. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	4
10	Demonstration of electric double layer gating under high pressure by the development of field-effect diamond anvil cell. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	2
11	Magnetic entropy change of ErAl ₂ magnetocaloric wires fabricated by a powder-in-tube method. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 095004.	2.8	1