

Rui Lan

List of Publications by Year in descending order

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278
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric Resistivity Measurements of Sb_2Te_3 and $\text{Ge}_2\text{Sb}_2\text{Te}_5$ Melts Using Four-Terminal Method. Japanese Journal of Applied Physics, 2010, 49, 065802.	1.5	38
2	Electrical and heat conduction mechanisms of GeTe alloy for phase change memory application. Journal of Applied Physics, 2012, 112, 053712.	2.5	22
3	Thermal Conductivity Measurements of Solid Sb_2Te_3 by Hot-Strip Method. Japanese Journal of Applied Physics, 2010, 49, 078003.	1.5	21
4	Thermoelectric properties of Sn doped GeTe thin films. Applied Surface Science, 2020, 507, 145025.	6.1	21
5	Thermal conductivities and conduction mechanisms of Sb-Te Alloys at high temperatures. Journal of Applied Physics, 2011, 110, 023701.	2.5	15
6	Structure and optical properties of CrO_x/N_y films with composition modulation. Surface Engineering, 2020, 36, 411-417.	2.2	14
7	Design and characterisation of AlCrFeCuNb alloys for accident-tolerant fuel cladding. Journal of Alloys and Compounds, 2021, 859, 157805.	5.5	12
8	Electrical and Thermal Conductivity and Conduction Mechanism of $\text{Ge}_2\text{Sb}_2\text{Te}_5$ Alloy. Journal of Electronic Materials, 2018, 47, 3184-3188.	2.2	9
9	Acupuncture combined with speech rehabilitation training for post-stroke dysarthria: a systematic review and meta-analysis of randomized controlled trials. Integrative Medicine Research, 2020, 9, 100431.	1.8	8
10	Effects of arc current and bias voltage on properties of AlCrN coatings by arc ion plating with large target. Materials Research Express, 2019, 6, 116457.	1.6	7
11	Remarkable anisotropy in rhombohedral $\text{Ge}_2\text{Sb}_2\text{Te}_5$ compound: a promising thermoelectric material with multiple conduction bands and acoustic-optical branches coupling. Journal of Alloys and Compounds, 2022, 900, 163471.	5.5	6
12	Thermal and Electrical Conductivity of $\text{Ge}_1\text{Sb}_4\text{Te}_7$ Chalcogenide Alloy. Journal of Electronic Materials, 2017, 46, 955-960.	2.2	5
13	Modulated carrier concentration and enhanced seebeck coefficient of $\text{Ge}_2\text{Sb}_2\text{Te}_5$ thin films by Sn doping. Vacuum, 2022, 198, 110881.	3.5	4
14	Zirconium oxynitride films: Modulation of component as a function of the preparation parameters. Modern Physics Letters B, 2018, 32, 1840066.	1.9	3
15	Characterisation of AlCrCuFeMo high entropy alloys for nuclear fuel cladding. Materials Science and Technology, 2022, 38, 1563-1572.	1.6	2
16	Thermoelectric properties of nitrogen-doped $\text{Ge}_2\text{Sb}_2\text{Te}_5$ thin films. Journal of Materials Science: Materials in Electronics, 0, , .	2.2	1
17	Epitaxial growth and microstructure of TiN/CrO N periodic multilayers. Ceramics International, 2022, 48, 27501-27508.	4.8	1
18	Thermal Conductivities of Ge-Sb-Te Alloys. , 2020, , 45-69.		0

#	ARTICLE	IF	CITATIONS
19	Electrical Resistivities of GeSbTe Alloys. , 2020, , 71-90.		0
20	Thermal Conduction Mechanisms and Prediction Equations of Thermal Conductivity for GeSbTe Alloys. , 2020, , 91-117.		0