

Rui Lan

List of Publications by Year in descending order

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20
papers

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1163117

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docs citations

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times ranked

278
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Remarkable anisotropy in rhombohedral Ge ₂ Sb ₂ Te ₅ compound: a promising thermoelectric material with multiple conduction bands and acoustic-optical branches coupling. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163471. | 5.5 | 6 |
| 2 | Modulated carrier concentration and enhanced seebeck coefficient of Ge ₂ Sb ₂ Te ₅ thin films by Sn doping. <i>Vacuum</i> , 2022, 198, 110881. | 3.5 | 4 |
| 3 | Epitaxial growth and microstructure of TiN/CrO _N periodic multilayers. <i>Ceramics International</i> , 2022, 48, 27501-27508. | 4.8 | 1 |
| 4 | Characterisation of AlCrCuFeMo _x high entropy alloys for nuclear fuel cladding. <i>Materials Science and Technology</i> , 2022, 38, 1563-1572. | 1.6 | 2 |
| 5 | Design and characterisation of AlCrFeCuNb alloys for accident-tolerant fuel cladding. <i>Journal of Alloys and Compounds</i> , 2021, 859, 157805. | 5.5 | 12 |
| 6 | Structure and optical properties of CrO _x /N _y films with composition modulation. <i>Surface Engineering</i> , 2020, 36, 411-417. | 2.2 | 14 |
| 7 | Thermoelectric properties of Sn doped GeTe thin films. <i>Applied Surface Science</i> , 2020, 507, 145025. | 6.1 | 21 |
| 8 | Acupuncture combined with speech rehabilitation training for post-stroke dysarthria: a systematic review and meta-analysis of randomized controlled trials. <i>Integrative Medicine Research</i> , 2020, 9, 100431. | 1.8 | 8 |
| 9 | Thermal Conductivities of Ge _{1-x} Sb _x Te Alloys. , 2020, , 45-69. | | 0 |
| 10 | Electrical Resistivities of Ge _{1-x} Sb _x Te Alloys. , 2020, , 71-90. | | 0 |
| 11 | Thermal Conduction Mechanisms and Prediction Equations of Thermal Conductivity for Ge _{1-x} Sb _x Te Alloys. , 2020, , 91-117. | | 0 |
| 12 | Effects of arc current and bias voltage on properties of AlCrN coatings by arc ion plating with large target. <i>Materials Research Express</i> , 2019, 6, 116457. | 1.6 | 7 |
| 13 | Electrical and Thermal Conductivity and Conduction Mechanism of Ge ₂ Sb ₂ Te ₅ Alloy. <i>Journal of Electronic Materials</i> , 2018, 47, 3184-3188. | 2.2 | 9 |
| 14 | Zirconium oxynitride films: Modulation of component as a function of the preparation parameters. <i>Modern Physics Letters B</i> , 2018, 32, 1840066. | 1.9 | 3 |
| 15 | Thermal and Electrical Conductivity of Ge ₁ Sb ₄ Te ₇ Chalcogenide Alloy. <i>Journal of Electronic Materials</i> , 2017, 46, 955-960. | 2.2 | 5 |
| 16 | Electrical and heat conduction mechanisms of GeTe alloy for phase change memory application. <i>Journal of Applied Physics</i> , 2012, 112, 053712. | 2.5 | 22 |
| 17 | Thermal conductivities and conduction mechanisms of Sb-Te Alloys at high temperatures. <i>Journal of Applied Physics</i> , 2011, 110, 023701. | 2.5 | 15 |
| 18 | Thermal Conductivity Measurements of Solid Sb ₂ Te ₃ by Hot-Strip Method. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 078003. | 1.5 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |