

Xuewang Wu

List of Publications by Year in descending order

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13
papers

330
citations

1040056

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13
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657
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption-controlled growth and the influence of stoichiometry on electronic transport in hybrid molecular beam epitaxy-grown BaSnO ₃ films. Journal of Materials Chemistry C, 2017, 5, 5730-5736.	5.5	75
2	The Ultrafast Laser Pump-Probe Technique for Thermal Characterization of Materials With Micro/Nanostructures. Nanoscale and Microscale Thermophysical Engineering, 2017, 21, 177-198.	2.6	69
3	Thermal Transport across Surfactant Layers on Gold Nanorods in Aqueous Solution. ACS Applied Materials & Interfaces, 2016, 8, 10581-10589.	8.0	50
4	Record-Low and Anisotropic Thermal Conductivity of a Quasi-One-Dimensional Bulk ZrTe ₅ Single Crystal. ACS Applied Materials & Interfaces, 2018, 10, 40740-40747.	8.0	33
5	The structural properties of InGaN alloys and the interdependence on the thermoelectric behavior. AIP Advances, 2016, 6, .	1.3	32
6	Glass-Like Through-Plane Thermal Conductivity Induced by Oxygen Vacancies in Nanoscale Epitaxial La _{0.5} Sr _{0.5} CoO ₃ . Advanced Functional Materials, 2017, 27, 1704233.	14.9	24
7	Largely reduced cross-plane thermal conductivity of nanoporous In _{0.1} Ga _{0.9} N thin films directly grown by metal organic chemical vapor deposition. Frontiers in Energy, 2018, 12, 127-136.	2.3	17
8	Structure-thermal property correlation of aligned silicon dioxide nanorod arrays. Applied Physics Letters, 2016, 108, .	3.3	13
9	Thermal Conductivity of HfTe ₅ : A Critical Revisit. Advanced Functional Materials, 2020, 30, 1907286.	14.9	9
10	Thermal Conductivity: Glass-Like Through-Plane Thermal Conductivity Induced by Oxygen Vacancies in Nanoscale Epitaxial La _{0.5} Sr _{0.5} CoO ₃ (Adv.) Tj ETQq000 rgBT4/Overlock	14.9	0
11	Thermal transport in ZnO nanocrystal networks synthesized by nonthermal plasma. Physical Review Materials, 2020, 4, .	2.4	4
12	Hafnium Pentatelluride: Thermal Conductivity of HfTe ₅ : A Critical Revisit (Adv. Funct.) Tj ETQq000 rgBT4/Overlock 10 Tf 50	14.9	0
13	Direct measurements of thermal transport in glass and ceramic microspheres embedded in an epoxy matrix. Applied Physics Letters, 2021, 119, 023904.	3.3	0