

Hui Wang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

1,315
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1559
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Studies on Anisotropic Thermoelectric Properties and Structures of n-Type Bi ₂ Te _{2.7} Se _{0.3} . Nano Letters, 2010, 10, 3373-3378.	9.1	608
2	Thermoelectric Property Studies on Cu-doped n-type Cu _x Bi ₂ Te _{2.7} Se _{0.3} Nanocomposites. Advanced Energy Materials, 2011, 1, 577-587.	19.5	535
3	A comparative study of mechanical and microstructural characteristics of aluminium and titanium undergoing ultrasonic assisted compression testing. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 682, 376-388.	5.6	55
4	Thermoelectric property studies on thallium-doped lead telluride prepared by ball milling and hot pressing. Journal of Applied Physics, 2010, 108, .	2.5	49
5	Enhanced thermoelectric performance of n-type PbTe bulk materials fabricated by semisolid powder processing. Journal of Alloys and Compounds, 2014, 609, 201-205.	5.5	19
6	Reduced lattice thermal conductivity in nanograined Na-doped PbTe alloys by ball milling and semisolid powder processing. Materials Letters, 2015, 140, 103-106.	2.6	14
7	Microstructure and thermoelectric properties of porous Bi ₂ Te _{2.85} Se _{0.15} bulk materials fabricated by semisolid powder processing. Journal of Materials Research, 2015, 30, 2585-2592.	2.6	11
8	Ultrasonic-assisted hot pressing of Bi ₂ Te ₃ -based thermoelectric materials. Materials Science in Semiconductor Processing, 2018, 87, 126-133.	4.0	11
9	Numerical modeling and optimization of the segmented PbTe-BiTe-based thermoelectric leg. Journal of Applied Physics, 2016, 120, 124503.	2.5	7
10	The Effect of Heat Treatment on the Anisotropy of Ti-6Al-4V by Selective Laser Melting. Jom, 2022, 74, 2724-2732.	1.9	6