

Pengcheng Zhai

List of Publications by Year in descending order

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papers

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1306789

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid fabrication and thermoelectric properties of Sn _{1.03} Te-based materials with porous configuration. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 2479-2489.	1.1	1
2	Deformation and Failure Mechanisms of Thermoelectric Type-I Clathrate Ba ₈ Au ₆ Ge ₄₀ . <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4326-4334.	4.0	1
3	Effects of graphene oxide on microstructure and mechanical properties of isotropic polydimethylsiloxane-based magnetorheological elastomers. <i>Rheologica Acta</i> , 2022, 61, 215-228.	1.1	4
4	Electronic Localization Derived Excellent Stability of Li Metal Anode with Ultrathin Alloy. <i>Advanced Science</i> , 2022, 9, e2105656.	5.6	22
5	High-Pressure Rapid Preparation of High-Performance Binary Silver Sulfide Thermoelectric Materials. <i>ACS Applied Energy Materials</i> , 2021, 4, 1610-1618.	2.5	15
6	Experimental Investigation on the Effect of Graphene Oxide Additive on the Steady-State and Dynamic Shear Properties of PDMS-Based Magnetorheological Elastomer. <i>Polymers</i> , 2021, 13, 1777.	2.0	5
7	Shear induced deformation twinning evolution in thermoelectric InSb. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	16
8	Size effect on mechanical properties of nanotwinned Mg ₂ Si from molecular dynamics simulation. <i>Computational Materials Science</i> , 2020, 185, 109972.	1.4	5
9	A Magneto-Hyperelastic Model for Silicone Rubber-Based Isotropic Magnetorheological Elastomer under Quasi-Static Compressive Loading. <i>Polymers</i> , 2020, 12, 2435.	2.0	7
10	Numerical Analysis on Process-Induced Residual Stress in Thick Semi-Cylindrical Composite Shell Using a State-Dependent Viscoelastic Model. <i>Applied Composite Materials</i> , 2019, 26, 519-532.	1.3	2
11	Band structure and thermoelectric properties of Al-doped Mg ₃ Al _x Sb ₂ compounds. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 15206-15213.	1.1	8
12	Thermoelectric properties of electronegatively filled S _y Co ₄ Ni _x Sb ₁₂ skutterudites. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8079-8085.	2.7	21
13	Substantial enhancement of mechanical properties for SnSe based composites with potassium titanate whiskers. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 8502-8507.	1.1	9
14	High pressure synthesis of multiple doped Mg ₂ Si-based thermoelectric materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10904-10910.	1.1	6
15	Beneficial Effect of S-Filling on Thermoelectric Properties of S _x Co ₄ Sb _{11.2} Te _{0.8} Skutterudite. <i>Journal of Electronic Materials</i> , 2018, 47, 3061-3066.	1.0	14
16	Numerical analysis on the flow-compaction behavior and the effect of interface permeability in thick composite plates during autoclave processing. <i>Journal of Materials Science</i> , 2018, 53, 14412-14422.	1.7	7
17	Effects of sintering temperature on the microstructure and thermoelectric properties of mesostructured Co ₄ Sb _{11.5} Te _{0.5} skutterudites dispersed nano-TiN. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 18105-18110.	1.1	3
18	Rapid preparations and thermoelectric properties of bulk skutterudites with in situ nanostructures. <i>AIP Advances</i> , 2018, 8, .	0.6	4

#	ARTICLE	IF	CITATIONS
19	Dynamic response of shear thickening fluid reinforced with SiC nanowires under high strain rates. Applied Physics Letters, 2017, 111, .	1.5	15