

Zhuhong Liu

List of Publications by Year in descending order

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14
papers

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citations

1684188

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1372567

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docs citations

14
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Metamagnetic phase transformation in Mn ₅₀ Ni ₃₇ In ₁₀ Co ₃ polycrystalline alloy. Applied Physics Letters, 2011, 98, .	3.3	40
2	A eutectic dual-phase design towards superior mechanical properties of heusler-type ferromagnetic shape memory alloys. Acta Materialia, 2019, 181, 278-290.	7.9	21
3	The Thermal Conductivity of Carbon Nanotubes with Defects and Intramolecular Junctions. Journal of Nanomaterials, 2013, 2013, 1-7.	2.7	10
4	Numerical Simulation of Phase Transitions in Type-II Annular Superconductor Using Time-dependent Ginzburg-Landau Equations. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3445-3451.	1.8	7
5	Magnetic anisotropy energy of ferromagnetic shape memory alloys Ni ₂ X(X=Fe, Co)Ga by first-principles calculations. AIP Advances, 2017, 7, 075001.	1.3	6
6	Micromagnetic simulation of electric field-modulation on precession dynamics of spin torque nano-oscillator. Applied Physics Letters, 2017, 111, .	3.3	4
7	Magnetic-field-induced transformation and strain in polycrystalline FeMnGa ferromagnetic shape memory alloys with high cold-workability. Applied Physics Letters, 2021, 119, .	3.3	4
8	Magnetic transition and the associated exchange bias, transport properties in Mn _{2.1} FeSn _{0.9} alloy. Journal Physics D: Applied Physics, 2021, 54, 505001.	2.8	3
9	Phase-field simulation of two-dimensional topological charges in nematic liquid crystals. Journal of Applied Physics, 2020, 128, 124701.	2.5	2
10	The Effects of Hydrogen Distribution on the Elastic Properties and Hydrogen-Induced Hardening and Softening of $\hat{\pm}$ -Fe. Applied Sciences (Switzerland), 2020, 10, 8958.	2.5	2
11	Designing new tetragonal Heusler materials using V, Cr, Fe and Ni doped Ti ₂ CoGa: A first-principles study. Computational Materials Science, 2021, 188, 110143.	3.0	2
12	Evolution of diverse Hall effects during the successive magnetic phase transitions in Mn _{2.5} Fe _{0.6} Sn _{0.9} Kagome-lattice alloy. Journal of Physics Condensed Matter, 2021, 33, 115803.	1.8	2
13	Boundary Pinning Effects on the Frequency Spectra of Point-Contact Spin-Torque Oscillators. IEEE Magnetics Letters, 2018, 9, 1-4.	1.1	1
14	Influence of Symmetry from Crystal Structure and Chemical Environments of Magnetic Ions on the Fully Compensated Ferrimagnetism of Full Heusler Cr ₂ YZ and Mn ₂ YZ Alloys. Symmetry, 2022, 14, 988.	2.2	1