

Xiong Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation and effect of grain size on the thermal stability, phase transition, mechanical property, and photocatalytic property of pyrochlore (La _{0.2} Nd _{0.2} Sm _{0.2} Gd _{0.2} Y _{0.2}) ₂ Zr ₂ O ₇ high-entropy oxide. <i>Ceramics International</i> , 2022, 48, 20667-20674.	4.8	8
2	First-principles investigation of martensitic phase transitions in Platinum-rich full-Heusler alloys. <i>Materials Today Communications</i> , 2020, 24, 101012.	1.9	5
3	Theoretical predictions of magnetic shape memory alloys in Gallium-rich Heusler compounds. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	1
4	First-principles study of Pt doping effects on Ni ₂ MnGa and Ni ₂ FeGa ferromagnetic shape memory alloys. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	15
5	Exploration of magnetic shape memory alloys in Ga ₂ Mo _{1-x} X _x (X = Cr, Mn, Fe, Co, and Ni) systems: A first-principles study. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	2
6	Effects of epitaxial strains on spontaneous polarizations and band gaps of alkaline-earth-metal oxides MO (M = Mg, Ca, Sr, Ba). <i>Computational Materials Science</i> , 2016, 121, 61-66.	3.0	12
7	The Structural and Electronic Properties of BaO under Epitaxial Strains: First-Principles Calculations. <i>Acta Physica Polonica A</i> , 2016, 129, 64-68.	0.5	8