

# Xiong Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7109280/publications.pdf>

Version: 2024-02-01

7  
papers

51  
citations

1937685  
4  
h-index

1720034  
7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

54  
citing authors

#	ARTICLE	IF	CITATIONS
1	First-principles study of Pt doping effects on Ni <sub>2</sub> MnGa and Ni <sub>2</sub> FeGa ferromagnetic shape memory alloys. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	15
2	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
3	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
4	Preparation and effect of grain size on the thermal stability, phase transition, mechanical property, and photocatalytic property of pyrochlore (La <sub>0.2</sub> Nd <sub>0.2</sub> Sm <sub>0.2</sub> Gd <sub>0.2</sub> Y <sub>0.2</sub> ) <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> high-entropy oxide. <i>Ceramics International</i> , 2022, 48, 20667-20674.	4.8	8
5	First-principles investigation of martensitic phase transitions in Platinum-rich full-Heusler alloys. <i>Materials Today Communications</i> , 2020, 24, 101012.	1.9	5
6	Exploration of magnetic shape memory alloys in Ga <sub>2</sub> Mo <sub>1-x</sub> X <sub>x</sub> (X = Cr, Mn, Fe, Co, and Ni) systems: A first-principles study. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	2
7	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