

Xiaozhe Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetotransport Anomaly in Room-Temperature Ferrimagnetic NiCo ₂ O ₄ Thin Films. <i>Advanced Materials</i> , 2019, 31, e1805260.	21.0	47
2	Nanostructural origin of semiconductivity and large magnetoresistance in epitaxial NiCo ₂ O ₄ /Al ₂ O ₃ thin films. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 145308.	2.8	45
3	Perpendicular magnetic anisotropy in conducting NiCo_2O_4 films from spin-lattice coupling. <i>Physical Review B</i> , 2020, 101, .	3.2	45
4	Room temperature ferroelectricity in continuous croconic acid thin films. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	33
5	Electronic structure and direct observation of ferrimagnetism in multiferroic hexagonal YbFeO_3 . <i>Physical Review B</i> , 2017, 95, .	3.2	27
6	Kinetics and intermediate phases in epitaxial growth of Fe ₃ O ₄ films from deposition and thermal reduction. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	19
7	Effects of biaxial strain on the improper multiferroicity in LuFeO_3 films studied using the restrained thermal expansion method. <i>Physical Review B</i> , 2017, 95, .	3.2	14
8	Effect of interface on epitaxy and magnetism in $\text{h-RFeO}_3/\text{Fe}_3\text{O}_4/\text{Al}_2\text{O}_3$ films ($\text{R} = \text{Lu, Yb}$). <i>Journal of Physics Condensed Matter</i> , 2017, 29, 164001.	3.2	14
9	Structure and magnetism of new rare-earth-free intermetallic compounds: $\text{Fe}_{3+x}\text{Co}_3\text{Ti}_2$ ($0 \leq x \leq 3$). <i>APL Materials</i> , 2016, 4, .	5.1	8