

Guowei Zhou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Giant tunneling magnetoresistance and electroresistance in CrI_3 -based van der Waals multiferroic tunnel junctions. <i>Physical Review B</i> , 2022, 105, .	12.2	42
2	Room-temperature spin-orbit torque switching in a manganite-based heterostructure. <i>Physical Review B</i> , 2022, 105, .	3.2	12
3	Dimensionality control of magnetic coupling at interfaces of cuprate-manganite superlattices. <i>Materials Horizons</i> , 2021, 8, 2485-2493.	12.2	5
4	Nanoscale Magnetization Reversal by Magnetoelectric Coupling Effect in $\text{Ga}_{0.6}\text{Fe}_{1.4}\text{O}_3$ Multiferroic Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18194-18201.	8.0	8
5	Electric-Field Reversible Switching of the Exchange Spring and Exchange Bias Effect in $\text{SrCoO}_{3-x}/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15774-15782.	8.0	6
6	Barrier-dependent electronic transport properties in two-dimensional MnBi_2Te_4 -based van der Waals magnetic tunnel junctions. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	11
7	Manipulating the optical and electronic properties of MoO_3 films through electric-field-induced ion migration. <i>Journal of Materials Chemistry C</i> , 2021, 10, 135-141.	5.5	3
8	Strain-induced robust magnetic anisotropy and room temperature magnetoelectric coupling effect in epitaxial SmFeO_3 film. <i>Science China Materials</i> , 2020, 63, 2062-2070.	6.3	8
9	Significant tunneling magnetoresistance and excellent spin filtering effect in CrI_3 -based van der Waals magnetic tunnel junctions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 14773-14780.	2.8	42
10	Orbital reconstruction mediated giant vertical magnetization shift and insulator-to-metal transition in superlattices based on antiferromagnetic manganites. <i>Physical Review B</i> , 2020, 101, .	3.2	11
11	Polarity and charge redistribution induced emergent interfacial ferromagnetism in non-magnetic $\text{LaNiO}_3/\text{SrMnO}_3$ superlattices. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	3
12	Interfacial Ferromagnetic Coupling and Positive Spontaneous Exchange Bias in $\text{SrFeO}_{3-x}/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Bilayers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26460-26466.	8.0	19
13	The antiferromagnetic state in ultrathin LaNiO_3 layer supported by long-range exchange bias in $\text{LaNiO}_3/\text{SrTiO}_3/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ superlattices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 582-587.	5.5	7
14	Robust Interfacial Exchange Bias and Metal-Insulator Transition Influenced by the LaNiO_3 Layer Thickness in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{LaNiO}_3$ Superlattices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3156-3160.	8.0	31