Guowei Zhou

List of Publications by Year
in descending order

14 papers	186 citations	1163117 8 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	252 citing authors

#	Article	IF	Citations
1	Significant tunneling magnetoresistance and excellent spin filtering effect in CrI₃-based van der Waals magnetic tunnel junctions. Physical Chemistry Chemical Physics, 2020, 22, 14773-14780.	2.8	42
2	Robust Interfacial Exchange Bias and Metalâ€“Insulator Transition Influenced by the LaNiO₃ Layer Thickness in La_{0.7}Sr_{0.3}MnO₃/LaNiO₃ Superlattices. ACS Applied Materials & Interfaces, 2017, 9, 3156-3160.	8.0	31
3	Giant tunneling magnetoresistance and electroresistance in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^’</mml:mtext><mml:msub -based van der Waals multiferroic tunnel junctions. Physical Review B, 2022, 105, .	3.2	20
4	Interfacial Ferromagnetic Coupling and Positive Spontaneous Exchange Bias in SrFeO_{3â€“x}/La_{0.7}Sr_{0.3}MnO₃ Bilayers. ACS Applied Materials & Interfaces, 2019, 11, 26460-26466.	8.0	19
5	Room-temperature spin-orbit torque switching in a manganite-based heterostructure. Physical Review B, 2022, 105, .	3.2	12
6	Orbital reconstruction mediated giant vertical magnetization shift and insulator-to-metal transition in superlattices based on antiferromagnetic manganites. Physical Review B, 2020, 101, .	3.2	11
7	Barrier-dependent electronic transport properties in two-dimensional MnBi2Te4-based van der Waals magnetic tunnel junctions. Applied Physics Letters, 2021, 118, .	3.3	11
8	Strain-induced robust magnetic anisotropy and room temperature magnetoelectric coupling effect in epitaxial SmFeO3 film. Science China Materials, 2020, 63, 2062-2070.	6.3	8
9	Nanoscale Magnetization Reversal by Magnetoelectric Coupling Effect in Ga_{0.6}Fe_{1.4}O₃ Multiferroic Thin Films. ACS Applied Materials & Interfaces, 2021, 13, 18194-18201.	8.0	8
10	The antiferromagnetic state in ultrathin LaNiO₃ layer supported by long-range exchange bias in LaNiO₃/SrTiO₃/La_{0.7}Sr_{0.3}MnO₃ superlattices. Journal of Materials Chemistry C, 2018, 6, 582-587.	5.5	7
11	Electric-Field Reversible Switching of the Exchange Spring and Exchange Bias Effect in SrCoO_{3â€“x}/La_{0.7}Sr_{0.3}MnO₃ Heterostructures. ACS Applied Materials & Interfaces, 2021, 13, 15774-15782.	8.0	6
12	Dimensionality control of magnetic coupling at interfaces of cuprateâ€“manganite superlattices. Materials Horizons, 2021, 8, 2485-2493.	12.2	5
13	Polarity and charge redistribution induced emergent interfacial ferromagnetism in non-magnetic LaNiO3/SrMnO3 superlattices. Applied Physics Letters, 2020, 117, .	3.3	3
14	Manipulating the optical and electronic properties of MoO3 films through electric-field-induced ion migration. Journal of Materials Chemistry C, 2021, 10, 135-141.	5.5	3