

# Wenbo Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

2,082  
citations

623734

14  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional itinerant ferromagnetism in atomically thin Fe <sub>3</sub> GeTe <sub>2</sub> . Nature Materials, 2018, 17, 778-782.	27.5	995
2	Realization of the Axion Insulator State in Quantum Anomalous Hall Sandwich Heterostructures. Physical Review Letters, 2018, 120, 056801.	7.8	254
3	Room-Temperature Multiferroic Hexagonal $\text{LuFeO}_3$ Films. Physical Review Letters, 2013, 110, 237601.	7.8	195
4	Enhancing the Quantum Anomalous Hall Effect by Magnetic Codoping in a Topological Insulator. Advanced Materials, 2018, 30, 1703062.	21.0	141
5	Giant topological Hall effect in correlated oxide thin films. Nature Physics, 2019, 15, 67-72.	16.7	111
6	Spin chirality fluctuation in two-dimensional ferromagnets with perpendicular magnetic anisotropy. Nature Materials, 2019, 18, 1054-1059.	27.5	85
7	Direct evidence of ferromagnetism in a quantum anomalous Hall system. Nature Physics, 2018, 14, 791-795.	16.7	65
8	Electric-Field Modulation of Interface Magnetic Anisotropy and Spin Reorientation Transition in (Co/Pt) <sub>3</sub> /PMN $\epsilon$ -PT Heterostructure. ACS Applied Materials & Interfaces, 2017, 9, 10855-10864.	8.0	56
9	Restoring pristine Bi <sub>2</sub> Se <sub>3</sub> surfaces with an effective Se decapping process. Nano Research, 2015, 8, 1222-1228.	10.4	32
10	Visualizing ferromagnetic domain behavior of magnetic topological insulator thin films. Npj Quantum Materials, 2016, 1, .	5.2	26
11	Visualizing ferromagnetic domains in magnetic topological insulators. APL Materials, 2015, 3, .	5.1	19
12	Visualizing weak ferromagnetic domains in multiferroic hexagonal ferrite thin film. Physical Review B, 2017, 95, .	3.2	19
13	Magnetic domain engineering in SrRuO <sub>3</sub> thin films. Npj Quantum Materials, 2020, 5, .	5.2	18
14	Chiral-Bubble-Induced Topological Hall Effect in Ferromagnetic Topological Insulator Heterostructures. Nano Letters, 2021, 21, 1108-1114.	9.1	15
15	Background-free piezoresponse force microscopy for quantitative measurements. Applied Physics Letters, 2014, 104, 072905.	3.3	13
16	Laser floating zone growth of improper geometric ferroelectric GdInO <sub>3</sub> single crystals with Z <sub>6</sub> topological defects. Journal of Materials Chemistry C, 2018, 6, 7024-7029.	5.5	11
17	Interferometric imaging of nonlocal electromechanical power transduction in ferroelectric domains. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5338-5342.	7.1	9
18	Engineering quantum-coherent defects: The role of substrate miscut in chemical vapor deposition diamond growth. Applied Physics Letters, 2020, 117, 194001.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Quantitative measurements of shear displacement using atomic force microscopy. Applied Physics Letters, 2016, 108, .	3.3	5
20	Visualization of ferromagnetic domains in vanadium-doped topological insulator thin films and heterostructures. Tungsten, 2023, 5, 288-299.	4.8	2