

# Xuan-Zhang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

149  
citations

1478505

6  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

68  
citing authors

#	ARTICLE	IF	CITATIONS
1	Retarded modes of a lateral antiferromagnetic/nonmagnetic superlattice. <i>Physical Review B</i> , 1995, 52, 13353-13357.	3.2	31
2	Second harmonic generation from an antiferromagnetic film in one-dimensional photonic crystals. <i>Physical Review B</i> , 2009, 80, .	3.2	24
3	Catalyst-free achieving of controllable carbon doping of boron nitride nanosheets by CO molecules: a theoretical prediction. <i>RSC Advances</i> , 2013, 3, 4917.	3.6	19
4	Nonlinear polaritons in antiferromagnetic/nonmagnetic superlattices. <i>Physical Review B</i> , 2005, 72, .	3.2	18
5	Unusual spin and angular momentum of Dyakonov waves at the hyperbolic-material surface. <i>Optics Express</i> , 2020, 28, 19205.	3.4	13
6	Dyakonov surface magnons and magnon polaritons. <i>Physical Review B</i> , 2021, 104, .	3.2	11
7	Spin-splitting in reflective beam off antiferromagnetic surface. <i>Optics Express</i> , 2021, 29, 39125-39136.	3.4	5
8	Spatial shifts of reflected beams from surface polaritons in antiferromagnets. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2022, 39, 1010.	2.1	5
9	Effects of eddy currents on retarded modes of antiferromagnets. <i>Physical Review B</i> , 1999, 59, 3310-3313.	3.2	4
10	Bistable transmission of antiferromagnetic Fabry-Perot resonator. <i>Journal of Applied Physics</i> , 2011, 110, 023512.	2.5	4
11	High Faraday effect of antiferromagnetic/ion-crystal photonic crystals in far infrared region. <i>Journal of Applied Physics</i> , 2013, 113, 023501.	2.5	3
12	Actively tunable terahertz metasurface absorber due to surface phonon polaritons. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2022, 39, 1195.	2.1	3
13	Unique surface polaritons and their transitions in metamaterials. <i>Optics Express</i> , 2022, 30, 20883.	3.4	3
14	Effects of magnetic field on shear stress of nematic liquid crystalline polymer under simple shear flow. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010, 48, 1919-1926.	2.1	2
15	Nonlinear Far-Infrared Transmission of Antiferromagnetic Fabry-Perot Resonator. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 1597-1600.	2.1	2
16	Effect of magnetic field on discotic nematic liquid crystalline polymers under simple shear flow. <i>Journal of Applied Polymer Science</i> , 2013, 128, 899-906.	2.6	2
17	MnF <sub>2</sub> /SiO <sub>2</sub> Transport Properties of Quasiperiodic Photonic Crystals for Potential Catalytic Applications. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	2.7	0
18	Generation of Elliptically Polarized Terahertz Waves from Antiferromagnetic Sandwiched Structure. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2766-2774.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Dyakonov surface polaritons in graphene-covered hyperbolic crystals. Journal of Optics (India), 0, , 1.	1.7	0