Lin Lin

List of Publications by Year
in descending order

20 papers	333 citations	840776 11 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	498 citing authors

#	Article	IF	Citations
1	Hexagonal phase stabilization and magnetic orders of multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">u</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow> mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:msub><mml:mi	3.2	60
2	Collinear magnetic structure and multiferroicity in the polar magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 100, .	3.2	43
3	Coupled ferroelectric polarization and magnetization in spinel FeCr2S4. Scientific Reports, 2014, 4, 6530.	3.3	38
4	Multiferroic phase diagram of Y partially substituted Dy1â^’xYxMnO3. Applied Physics Letters, 2011, 98, 012510.	3.3	31
5	Magnetic field induced ferroelectricity and half magnetization plateau in polycrystalline R2V2O7(R=Ni,Co). Physical Review B, 2018, 98, .	3.2	31
6	Metamagnetic transitions and magnetoelectricity in the spin-1 honeycomb antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ni</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	3.2	22
7	Thickness dependence of domain size in 2D ferroelectric CuInP2S6 nanoflakes. AIP Advances, 2019, 9, .	1.3	19
8	Successive electric polarization transitions induced by high magnetic field in the single-crystal antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2022, 105, .	3.2	13
9	The influence of interface on spin pumping effect in Ni80Fe20â€‰/Tb bilayer. AIP Advances, 2016, 6, 056120.	1.3	12
10	Band structure, ferroelectric instability, and spinâ€“orbital coupling effect of bilayer Î±-In2Se3. Journal of Applied Physics, 2020, 128, .	2.5	12
11	Magnetic structure and multiferroicity of Sc-substituted hexagonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Yb</mml:mi><mml:mi>Fe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	3.2	11
12	Extremely flat band in antiferroelectric bilayer Î±-In₂Se₃ with large twist-angle. New Journal of Physics, 2021, 23, 083019.	2.9	11
13	The investigation of ferromagnetic resonance linewidth in Ni80Fe20 films with submicron rectangular elements. AIP Advances, 2016, 6, .	1.3	5
14	Magnetoelectric mutual-control in collinear antiferromagnetic NdCrTiO5. Applied Physics Letters, 2018, 113, .	3.3	5
15	Suppression of vortexâ€“antivortex structures by anti-trimer point defects in hexagonal manganites. Journal of Applied Physics, 2020, 127, .	2.5	5
16	Tuning the morphology and optoelectronic properties of AgBiI₄ film through isopropanol treatment. Journal of Materials Chemistry C, 2022, 10, 5321-5327.	5.5	5
17	Magnetic phase transitions and monopole excitations in spin ice under uniaxial pressure: A Monte Carlo simulation. Journal of Applied Physics, 2015, 117, 17C714.	2.5	4
18	Observation of magnetoelectric effect in the Sâ€‰=â€‰1/2 spin chain compound CoSe2O5 single crystal. Applied Physics Letters, 2022, 120, 052901.	3.3	4

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19	Absence of ferroelectricity in double-perovskite Y2CoMnO6 single crystals. Journal of Applied Physics, 2019, 126, 084102.	2.5	1
20	Ultralow thermal conductivity of thermoelectric compound Ag₂BaGeSe₄. AIP Advances, 2021, 11, 125320.	1.3	1