

Zhipeng Ye

List of Publications by Year in descending order

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24
papers

1,052
citations

430874

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610901

24
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docs citations

24
times ranked

2162
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of interlayer phonon modes in van der Waals heterostructures. <i>Physical Review B</i> , 2015, 91, .	3.2	174
2	Coupling and Stacking Order of ReS ₂ Atomic Layers Revealed by Ultralow-Frequency Raman Spectroscopy. <i>Nano Letters</i> , 2016, 16, 1404-1409.	9.1	139
3	Raman fingerprint of two terahertz spin wave branches in a two-dimensional honeycomb Ising ferromagnet. <i>Nature Communications</i> , 2018, 9, 5122.	12.8	97
4	Temperature-Activated Layer-Breathing Vibrations in Few-Layer Graphene. <i>Nano Letters</i> , 2014, 14, 4615-4621.	9.1	63
5	Twist engineering of the two-dimensional magnetism in double bilayer chromium triiodide homostructures. <i>Nature Physics</i> , 2022, 18, 30-36.	16.7	62
6	Dimensionality-driven orthorhombic MoTe_2 at room temperature. <i>Physical Review B</i> , 2018, 97, .	3.2	51
7	Large-Scale Growth of High-Quality Hexagonal Boron Nitride Crystals at Atmospheric Pressure from an Fe-Cr Flux. <i>Crystal Growth and Design</i> , 2017, 17, 4932-4935.	3.0	49
8	Stacking-dependent shear modes in trilayer graphene. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	45
9	Distinct surface and bulk charge density waves in ultrathin S_2 . <i>Physical Review B</i> , 2016, 94, .	3.2	41
10	Magnetic-Field-Induced Quantum Phase Transitions in a van der Waals Magnet. <i>Physical Review X</i> , 2020, 10, .	8.9	41
11	Stacking-dependent interlayer phonons in 3R and 2H MoS ₂ . <i>2D Materials</i> , 2019, 6, 025022.	4.4	37
12	Fermion-boson many-body interplay in a frustrated kagome paramagnet. <i>Nature Communications</i> , 2020, 11, 4003.	12.8	35
13	Observation of the polaronic character of excitons in a two-dimensional semiconducting magnet CrI ₃ . <i>Nature Communications</i> , 2020, 11, 4780.	12.8	34
14	Interlayer breathing and shear modes in NbSe ₂ atomic layers. <i>2D Materials</i> , 2016, 3, 031008.	4.4	33
15	Electron-Phonon and Spin-Lattice Coupling in Atomically Thin Layers of MnBiTe ₄ . <i>Nano Letters</i> , 2021, 21, 6139-6145.	9.1	25
16	Temperature-driven evolution of critical points, interlayer coupling, and layer polarization in bilayer MoS_2 . <i>Physical Review B</i> , 2018, 97, .	3.2	23
17	Plasma-Induced Fabrication and Straining of MoS ₂ Films for the Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 5162-5170.	5.1	20
18	Tunable layered-magnetism-assisted magneto-Raman effect in a two-dimensional magnet CrI ₃ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24664-24669.	7.1	20

#	ARTICLE	IF	CITATIONS
19	Raman spectroscopy of diesel and gasoline engine-out soot using different laser power. Journal of Environmental Sciences, 2019, 79, 74-80.	6.1	19
20	Laser induced oxidation and optical properties of stoichiometric and non-stoichiometric Bi ₂ Te ₃ nanoplates. Nano Research, 2015, 8, 851-859.	10.4	14
21	Structural Monoclinicity and Its Coupling to Layered Magnetism in Few-Layer CrI ₃ . ACS Nano, 2021, 15, 10444-10450.	14.6	14
22	Magnons and magnetic fluctuations in atomically thin MnBi ₂ Te ₄ . Nature Communications, 2022, 13, 2527.	12.8	10
23	Synthesis of large-area MoS ₂ films by plasma-enhanced chemical film conversion of solution-processed ammonium tetrathiomolybdate. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	2.1	4
24	The reinforcement mechanisms of graphene oxide in laser-directed energy deposition fabricated metal and ceramic matrix composites: a comparison study. International Journal of Advanced Manufacturing Technology, 2022, 119, 1975-1988.	3.0	2