

# Zhipeng Ye

## List of Publications by Year in descending order

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24  
papers

1,052  
citations

430874

18  
h-index

610901

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g-index

24  
all docs

24  
docs citations

24  
times ranked

2162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Twist engineering of the two-dimensional magnetism in double bilayer chromium triiodide homostructures. <i>Nature Physics</i> , 2022, 18, 30-36.	16.7	62
2	The reinforcement mechanisms of graphene oxide in laser-directed energy deposition fabricated metal and ceramic matrix composites: a comparison study. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 1975-1988.	3.0	2
3	Magnons and magnetic fluctuations in atomically thin MnBi <sub>2</sub> Te <sub>4</sub> . <i>Nature Communications</i> , 2022, 13, 2527.	12.8	10
4	Structural Monoclinicity and Its Coupling to Layered Magnetism in Few-Layer CrI <sub>3</sub> . <i>ACS Nano</i> , 2021, 15, 10444-10450.	14.6	14
5	Electron-Phonon and Spin-Lattice Coupling in Atomically Thin Layers of MnBi <sub>2</sub> Te <sub>4</sub> . <i>Nano Letters</i> , 2021, 21, 6139-6145.	9.1	25
6	Fermion-boson many-body interplay in a frustrated kagome paramagnet. <i>Nature Communications</i> , 2020, 11, 4003.	12.8	35
7	Observation of the polaronic character of excitons in a two-dimensional semiconducting magnet CrI <sub>3</sub> . <i>Nature Communications</i> , 2020, 11, 4780.	12.8	34
8	Tunable layered-magnetism-assisted magneto-Raman effect in a two-dimensional magnet CrI <sub>3</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24664-24669.	7.1	20
9	Magnetic-Field-Induced Quantum Phase Transitions in a van der Waals Magnet. <i>Physical Review X</i> , 2020, 10, .	8.9	41
10	Synthesis of large-area MoS <sub>2</sub> films by plasma-enhanced chemical film conversion of solution-processed ammonium tetrathiomolybdate. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	2.1	4
11	Plasma-Induced Fabrication and Straining of MoS <sub>2</sub> Films for the Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 5162-5170.	5.1	20
12	Raman spectroscopy of diesel and gasoline engine-out soot using different laser power. <i>Journal of Environmental Sciences</i> , 2019, 79, 74-80.	6.1	19
13	Stacking-dependent interlayer phonons in 3R and 2H MoS <sub>2</sub> . <i>2D Materials</i> , 2019, 6, 025022.	4.4	37
14	Temperature-driven evolution of critical points, interlayer coupling, and layer polarization in bilayer MoS <sub>2</sub> . <i>Physical Review B</i> , 2018, 97, .	3.2	23
15	Dimensionality-driven orthorhombic MoT <sub>2</sub> at room temperature. <i>Physical Review B</i> , 2018, 97, .	3.2	51
16	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
17	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
18	Interlayer breathing and shear modes in NbSe <sub>2</sub> atomic layers. <i>2D Materials</i> , 2016, 3, 031008.	4.4	33

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19	Distinct surface and bulk charge density waves in ultrathin $\text{ReS}_2$ . Physical Review B, 2016, 94, .	3.2	41
20	Coupling and Stacking Order of $\text{ReS}_2$ Atomic Layers Revealed by Ultralow-Frequency Raman Spectroscopy. Nano Letters, 2016, 16, 1404-1409.	9.1	139
21	Observation of interlayer phonon modes in van der Waals heterostructures. Physical Review B, 2015, 91, .	3.2	174
22	Stacking-dependent shear modes in trilayer graphene. Applied Physics Letters, 2015, 106, .	3.3	45
23	Laser induced oxidation and optical properties of stoichiometric and non-stoichiometric $\text{Bi}_2\text{Te}_3$ nanoplates. Nano Research, 2015, 8, 851-859.	10.4	14
24	Temperature-Activated Layer-Breathing Vibrations in Few-Layer Graphene. Nano Letters, 2014, 14, 4615-4621.	9.1	63