

# Gaihua Ye

## List of Publications by Year in descending order

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17  
papers

617  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1258  
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	Hexagonal Boron Nitride Crystal Growth from Iron, a Single Component Flux. <i>ACS Nano</i> , 2021, 15, 7032-7039.	14.6	26
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	Defect Engineering of Monoisotopic Hexagonal Boron Nitride Crystals <i>via</i> Neutron Transmutation Doping. <i>Chemistry of Materials</i> , 2021, 33, 9231-9239.	6.7	16
6	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
7	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
8	Hexagonal Boron Nitride Single Crystal Growth from Solution with a Temperature Gradient. <i>Chemistry of Materials</i> , 2020, 32, 5066-5072.	6.7	21
9	Magnetic-Field-Induced Quantum Phase Transitions in a van der Waals Magnet. <i>Physical Review X</i> , 2020, 10, .	8.9	41
10	Single crystal growth of monoisotopic hexagonal boron nitride from a Fe-Cr flux. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9931-9935.	5.5	18
11	Stacking-dependent interlayer phonons in 3R and 2H MoS <sub>2</sub> . <i>2D Materials</i> , 2019, 6, 025022.	4.4	37
12	Dimensionality-driven orthorhombic $\text{MoT}_2\text{e}_2$ at room temperature. <i>Physical Review B</i> , 2018, 97, .	3.2	51
13	$\hat{\Gamma}$ -MoO <sub>3</sub> as a Conductive 2D Oxide: Tunable n-Type Electrical Transport via Oxygen Vacancy and Fluorine Doping. <i>ACS Applied Nano Materials</i> , 2018, 1, 6407-6413.	5.0	32
14	V <sub>2</sub> O <sub>5</sub> : A 2D van der Waals Oxide with Strong In-Plane Electrical and Optical Anisotropy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 23949-23956.	8.0	30
15	Interlayer breathing and shear modes in NbSe <sub>2</sub> atomic layers. <i>2D Materials</i> , 2016, 3, 031008.	4.4	33
16	Distinct surface and bulk charge density waves in ultrathin $\text{S}_2\text{T}\hat{\Gamma}$ . <i>Physical Review B</i> , 2016, 94, .	3.2	41
17	Coupling and Stacking Order of ReS <sub>2</sub> Atomic Layers Revealed by Ultralow-Frequency Raman Spectroscopy. <i>Nano Letters</i> , 2016, 16, 1404-1409.	9.1	139