

# Zhenglu Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4240060/publications.pdf>

Version: 2024-02-01

15  
papers

4,193  
citations

758635

12  
h-index

996533

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

6093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of intrinsic ferromagnetism in two-dimensional van der Waals crystals. Nature, 2017, 546, 265-269.	13.7	3,260
2	Tunable Magnetism and Half-Metallicity in Hole-Doped Monolayer GaSe. Physical Review Letters, 2015, 114, 236602.	2.9	350
3	Physical origin of giant excitonic and magneto-optical responses in two-dimensional ferromagnetic insulators. Nature Communications, 2019, 10, 2371.	5.8	101
4	Direct observation of Klein tunneling in phononic crystals. Science, 2020, 370, 1447-1450.	6.0	73
5	Gate Switchable Transport and Optical Anisotropy in 90° Twisted Bilayer Black Phosphorus. Nano Letters, 2016, 16, 5542-5546.	4.5	71
6	Electron-Phonon Coupling from $\text{Ab\hat{I}nitial}$ Linear-Response Theory within the $G$ Method: Correlation-Enhanced Interactions and Superconductivity in $\text{BaW}_1$	2.9	70
7	Discovering and understanding materials through computation. Nature Materials, 2021, 20, 728-735.	13.3	60
8	Generation of Anisotropic Massless Dirac Fermions and Asymmetric Klein Tunneling in Few-Layer Black Phosphorus Superlattices. Nano Letters, 2017, 17, 2280-2286.	4.5	52
9	Formation and Dynamics of Electron-Irradiation-Induced Defects in Hexagonal Boron Nitride at Elevated Temperatures. Nano Letters, 2016, 16, 7142-7147.	4.5	49
10	Two-dimensional ferromagnetism in few-layer van der Waals crystals: Renormalized spin-wave theory and calculations. Journal of Magnetism and Magnetic Materials, 2018, 463, 28-35.	1.0	35
11	Momentum-Resolved Dielectric Response of Free-Standing Mono-, Bi-, and Trilayer Black Phosphorus. Nano Letters, 2019, 19, 8303-8310.	4.5	27
12	Unmasking the Origin of Kinks in the Photoemission Spectra of Cuprate Superconductors. Physical Review Letters, 2021, 126, 146401.	2.9	16
13	Optical and magneto-optical properties of ferromagnetic monolayer $\text{CrBr}_3$ : A first-principles and $G$ W method study	0.9	12
14	Many-body effects in the X-ray absorption spectra of liquid water. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2201258119.	3.3	11
15	Multiple strong topological gaps and hexagonal warping in $\text{Bi}_4\text{I}_3$ Physical Review B, 2022, 105, .		