

# Zhenglu Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

2,438  
citations

11  
h-index

17  
g-index

17  
ext. papers

3,337  
ext. citations

14  
avg, IF

4.97  
L-index

#	Paper	IF	Citations
14	Multiple strong topological gaps and hexagonal warping in Bi <sub>4</sub> Te <sub>3</sub> . <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	2
13	Many-body effects in the X-ray absorption spectra of liquid water.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2201258119	11.5	3
12	Unmasking the Origin of Kinks in the Photoemission Spectra of Cuprate Superconductors. <i>Physical Review Letters</i> , <b>2021</b> , 126, 146401	7.4	4
11	Discovering and understanding materials through computation. <i>Nature Materials</i> , <b>2021</b> , 20, 728-735	27	13
10	Direct observation of Klein tunneling in phononic crystals. <i>Science</i> , <b>2020</b> , 370, 1447-1450	33.3	30
9	Physical origin of giant excitonic and magneto-optical responses in two-dimensional ferromagnetic insulators. <i>Nature Communications</i> , <b>2019</b> , 10, 2371	17.4	42
8	Electron-Phonon Coupling from Ab Initio Linear-Response Theory within the GW Method: Correlation-Enhanced Interactions and Superconductivity in Ba <sub>1-x</sub> K <sub>x</sub> BiO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2019</b> , 122, 186402	7.4	35
7	Momentum-Resolved Dielectric Response of Free-Standing Mono-, Bi-, and Trilayer Black Phosphorus. <i>Nano Letters</i> , <b>2019</b> , 19, 8303-8310	11.5	12
6	Two-dimensional ferromagnetism in few-layer van der Waals crystals: Renormalized spin-wave theory and calculations. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 463, 28-35	2.8	21
5	Generation of Anisotropic Massless Dirac Fermions and Asymmetric Klein Tunneling in Few-Layer Black Phosphorus Superlattices. <i>Nano Letters</i> , <b>2017</b> , 17, 2280-2286	11.5	33
4	Discovery of intrinsic ferromagnetism in two-dimensional van der Waals crystals. <i>Nature</i> , <b>2017</b> , 546, 265-269	36.9	1890
3	Gate Switchable Transport and Optical Anisotropy in 90° Twisted Bilayer Black Phosphorus. <i>Nano Letters</i> , <b>2016</b> , 16, 5542-6	11.5	56
2	Formation and Dynamics of Electron-Irradiation-Induced Defects in Hexagonal Boron Nitride at Elevated Temperatures. <i>Nano Letters</i> , <b>2016</b> , 16, 7142-7147	11.5	39
1	Tunable Magnetism and Half-Metallicity in Hole-Doped Monolayer GaSe. <i>Physical Review Letters</i> , <b>2015</b> , 114, 236602	7.4	257