

Zhenglu Li

List of Publications by Citations

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