

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

759233

12
h-index

996975

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. <i>Nature</i> , 2017, 546, 265-269.	27.8	3,260
2	Tunable Magnetism and Half-Metallicity in Hole-Doped Monolayer GaSe. <i>Physical Review Letters</i> , 2015, 114, 236602.	7.8	350
3	Physical origin of giant excitonic and magneto-optical responses in two-dimensional ferromagnetic insulators. <i>Nature Communications</i> , 2019, 10, 2371.	12.8	101
4	Direct observation of Klein tunneling in phononic crystals. <i>Science</i> , 2020, 370, 1447-1450.	12.6	73
5	Gate Switchable Transport and Optical Anisotropy in 90° Twisted Bilayer Black Phosphorus. <i>Nano Letters</i> , 2016, 16, 5542-5546.	9.1	71
6	Electron-Phonon Coupling from $\text{Ab\hat{I}nitial}$ Linear-Response Theory within the G Method: Correlation-Enhanced Interactions and Superconductivity in BaW_1	7.8	70
7	Discovering and understanding materials through computation. <i>Nature Materials</i> , 2021, 20, 728-735.	27.5	60
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.	9.1	52
9	Formation and Dynamics of Electron-Irradiation-Induced Defects in Hexagonal Boron Nitride at Elevated Temperatures. <i>Nano Letters</i> , 2016, 16, 7142-7147.	9.1	49
10	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.	2.3	35
11	Momentum-Resolved Dielectric Response of Free-Standing Mono-, Bi-, and Trilayer Black Phosphorus. <i>Nano Letters</i> , 2019, 19, 8303-8310.	9.1	27
12	Unmasking the Origin of Kinks in the Photoemission Spectra of Cuprate Superconductors. <i>Physical Review Letters</i> , 2021, 126, 146401.	7.8	16
13	Optical and magneto-optical properties of ferromagnetic monolayer CrBr_3 : A first-principles and G method	7.4	12
14	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.	7.1	11
15	Multiple strong topological gaps and hexagonal warping in Bi_2Te_3 Physical Review B, 2022, 105, .		