

Zhenglu Li

List of Publications by Year in descending order

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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	Optical and magneto-optical properties of ferromagnetic monolayer CrBr ₃ : A first-principles calculation. Physical Review B, 2022, 105, .	2.4	12
2	Multiple strong topological gaps and hexagonal warping in Bi ₂ Te ₃ . Physical Review B, 2022, 105, .	4.2	14
3	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.	7.1	11
4	Unmasking the Origin of Kinks in the Photoemission Spectra of Cuprate Superconductors. Physical Review Letters, 2021, 126, 146401.	7.8	16
5	Discovering and understanding materials through computation. Nature Materials, 2021, 20, 728-735.	27.5	60
6	Direct observation of Klein tunneling in phononic crystals. Science, 2020, 370, 1447-1450.	12.6	73
7	Momentum-Resolved Dielectric Response of Free-Standing Mono-, Bi-, and Trilayer Black Phosphorus. Nano Letters, 2019, 19, 8303-8310.	9.1	27
8	Physical origin of giant excitonic and magneto-optical responses in two-dimensional ferromagnetic insulators. Nature Communications, 2019, 10, 2371.	12.8	101
9	Electron-Phonon Coupling from $\chi^{\prime\prime}$ Linear Response Theory within the GW Method: Correlation-Enhanced Interactions and Superconductivity in BaFe ₂ As ₂ . Physical Review Letters, 2019, 122, 077201.	7.8	70
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.	2.3	35
11	Generation of Anisotropic Massless Dirac Fermions and Asymmetric Klein Tunneling in Few-Layer Black Phosphorus Superlattices. Nano Letters, 2017, 17, 2280-2286.	9.1	52
12	Discovery of intrinsic ferromagnetism in two-dimensional van der Waals crystals. Nature, 2017, 546, 265-269.	27.8	3,260
13	Formation and Dynamics of Electron-Irradiation-Induced Defects in Hexagonal Boron Nitride at Elevated Temperatures. Nano Letters, 2016, 16, 7142-7147.	9.1	49
14	Gate Switchable Transport and Optical Anisotropy in 90° Twisted Bilayer Black Phosphorus. Nano Letters, 2016, 16, 5542-5546.	9.1	71
15	Tunable Magnetism and Half-Metallicity in Hole-Doped Monolayer GaSe. Physical Review Letters, 2015, 114, 236602.	7.8	350