Junran Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4567418/publications.pdf

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17	382	1163117 8	996975 15
papers	citations	h-index	g-index

17	17	17	761
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrathin two-dimensional hybrid perovskites toward flexible electronics and optoelectronics. National Science Review, 2022, 9, nwab129.	9.5	17
2	Stimulating and Manipulating Robust Circularly Polarized Photoluminescence in Achiral Hybrid Perovskites. Nano Letters, 2022, 22, 3961-3968.	9.1	13
3	Enhanced photodetector performance of black phosphorus by interfacing with chiral perovskite. Nano Research, 2022, 15, 7492-7497.	10.4	12
4	Thermal induced spin-polarized current protected by spin-momentum locking in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ZrTe</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math> nanowires. Physical Review B, 2021, 104, .	3.2	2
5	Enhancement of the spinâ€“orbit torque efficiency in W/Cu/CoFeB heterostructures via interface engineering. Applied Physics Letters, 2020, 117, 082409.	3.3	6
6	Bi₂O₂Se/Au-Based Schottky Phototransistor With Fast Response and Ultrahigh Responsivity. IEEE Electron Device Letters, 2020, 41, 1464-1467.	3.9	5
7	Manipulation of Gilbert damping in ultrathin half-metallic Co2FeAl1+x by composition-deficiency-compensation. Applied Physics Letters, 2020, 116, .	3.3	7
8	Tunable excitonic properties in two-dimensional heterostructures based on solution-processed PbI2 flakes. Journal of Materials Science, 2020, 55, 10656-10667.	3.7	3
9	Ultra-sensitive anomalous Hall effect sensors based on Cr-doped Bi₂Te₃ topological insulator thin films. Journal Physics D: Applied Physics, 2020, 53, 505001.	2.8	8
10	Sensitive and Ultrabroadband Phototransistor Based on Twoâ€Dimensional Bi₂O₂Se Nanosheets. Advanced Functional Materials, 2019, 29, 1905806.	14.9	106
11	Transport evidence of 3D topological nodal-line semimetal phase in ZrSiS. Frontiers of Physics, 2018, 13, 1.	5.0	30
12	Ultrahigh Hall mobility and suppressed backward scattering in layered semiconductor Bi2O2Se. Applied Physics Letters, 2018, 113, .	3.3	27
13	Lattice dynamics of Dirac node-line semimetal ZrSiS. Physical Review B, 2017, 96, .	3.2	28
14	Interface Magnetic and Electrical Properties of CoFeB /InAs Heterostructures. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	0
15	Quantum Electronics: Evidence of Both Surface and Bulk Dirac Bands and Anisotropic Nonsaturating Magnetoresistance in ZrSiS (Adv. Electron. Mater. 10/2016). Advanced Electronic Materials, 2016, 2, .	5.1	3
16	Evidence of Both Surface and Bulk Dirac Bands and Anisotropic Nonsaturating Magnetoresistance in ZrSiS. Advanced Electronic Materials, 2016, 2, 1600228.	5.1	115
17	Effect of Superparamagnetic Fe₃O₄ Nanoparticles on Schottky Barriers of Graphene. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	0