

Zefang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

5,125
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

7427
citing authors

#	ARTICLE	IF	CITATIONS
1	Strongly correlated excitonic insulator in atomic double layers. Nature, 2021, 598, 585-589.	27.8	105
2	Spectral and spatial isolation of single tungsten diselenide quantum emitters using hexagonal boron nitride wrinkles. APL Photonics, 2020, 5, 096105.	5.7	7
3	Electrical switching of valley polarization in monolayer semiconductors. Physical Review Materials, 2020, 4, .	2.4	19
4	Pressure-controlled interlayer magnetism in atomically thin CrI ₃ . Nature Materials, 2019, 18, 1303-1308.	27.5	364
5	Probing many-body interactions in monolayer transition-metal dichalcogenides. Physical Review B, 2019, 99, .	3.2	56
6	Spin tunnel field-effect transistors based on two-dimensional van der Waals heterostructures. Nature Electronics, 2019, 2, 159-163.	26.0	198
7	Evidence of high-temperature exciton condensation in two-dimensional atomic double layers. Nature, 2019, 574, 76-80.	27.8	331
8	Strongly Interaction-Enhanced Valley Magnetic Response in Monolayer WSe_2 Physical Review Letters, 2018, 120, 066402.	7.8	45
9	An unusual continuous paramagnetic-limited superconducting phase transition in 2D NbSe ₂ . Nature Materials, 2018, 17, 504-508.	27.5	98
10	Electrical Tuning of Interlayer Exciton Gases in WSe_2 Bilayers. Nano Letters, 2018, 18, 137-143.	9.1	106
11	Controlling magnetism in 2D CrI ₃ by electrostatic doping. Nature Nanotechnology, 2018, 13, 549-553.	31.5	836
12	Probing the Spin-Polarized Electronic Band Structure in Monolayer Transition Metal Dichalcogenides by Optical Spectroscopy. Nano Letters, 2017, 17, 740-746.	9.1	108
13	Valley magnetoelectricity in single-layer MoS ₂ . Nature Materials, 2017, 16, 887-891.	27.5	150
14	Valley- and spin-polarized Landau levels in monolayer WSe ₂ . Nature Nanotechnology, 2017, 12, 144-149.	31.5	150
15	Ising pairing in superconducting NbSe ₂ atomic layers. Nature Physics, 2016, 12, 139-143.	16.7	806
16	Strongly enhanced charge-density-wave order in monolayer NbSe ₂ . Nature Nanotechnology, 2015, 10, 765-769.	31.5	643
17	Black phosphorus nanoelectromechanical resonators vibrating at very high frequencies. Nanoscale, 2015, 7, 877-884.	5.6	128
18	Tightly Bound Excitons in Monolayer WSe_2 Physical Review Letters, 2014, 113, 026803.	7.8	45

#	ARTICLE	IF	CITATIONS
19	Variation of polarization distribution of reflected beam caused by spin separation. Optics Express, 2012, 20, 1975.	3.4	3
20	Spin polarization separation of light reflected at Brewster angle. Optics Letters, 2012, 37, 984.	3.3	8