

# Zhang Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2811963/publications.pdf>

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12  
papers

1,015  
citations

840776

11  
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1199594

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g-index

13  
all docs

13  
docs citations

13  
times ranked

1588  
citing authors

#	ARTICLE	IF	CITATIONS
1	Universal mechanical exfoliation of large-area 2D crystals. Nature Communications, 2020, 11, 2453.	12.8	394
2	Anomalous thickness dependence of Curie temperature in air-stable two-dimensional ferromagnetic 1T-CrTe <sub>2</sub> grown by chemical vapor deposition. Nature Communications, 2021, 12, 809.	12.8	196
3	Atomically sharp interface enabled ultrahigh-speed non-volatile memory devices. Nature Nanotechnology, 2021, 16, 882-887.	31.5	105
4	Quasi-2D Transport and Weak Antilocalization Effect in Few-layered VSe <sub>2</sub> . Nano Letters, 2019, 19, 4551-4559.	9.1	60
5	Ferroelectric-Gated InSe Photodetectors with High On/Off Ratios and Photoresponsivity. Nano Letters, 2020, 20, 6666-6673.	9.1	53
6	Observation of the Kondo Effect in Multilayer Single-Crystalline VTe <sub>2</sub> Nanoplates. Nano Letters, 2019, 19, 8572-8580.	9.1	52
7	InSe/hBN/graphite heterostructure for high-performance 2D electronics and flexible electronics. Nano Research, 2020, 13, 1127-1132.	10.4	48
8	Thickness-Controlled Synthesis of CoX <sub>2</sub> (X = S, Se, and Te) Single Crystalline 2D Layers with Linear Magnetoresistance and High Conductivity. Chemistry of Materials, 2020, 32, 2321-2329.	6.7	35
9	Epitaxy of Ultrathin SnSe Single Crystals on Polydimethylsiloxane: In-Plane Electrical Anisotropy and Gate-Tunable Thermopower. Advanced Electronic Materials, 2016, 2, 1600292.	5.1	31
10	Insulating SiO <sub>2</sub> under Centimeter-Scale, Single-Crystal Graphene Enables Electronic-Device Fabrication. Nano Letters, 2020, 20, 8584-8591.	9.1	19
11	Dimensional crossover in self-intercalated antiferromagnetic $V_5S_8$ nanoflakes. Physical Review B, 2022, 105, .	3.2	6
12	One-dimensional weak antilocalization effect in 1Tâ€²-MoTe <sub>2</sub> nanowires grown by chemical vapor deposition. Journal of Physics Condensed Matter, 2021, 33, 185701.	1.8	0