

Enze Zhang

List of Publications by Year in descending order

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27

papers

1,843

citations

430874

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501196

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docs citations

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times ranked

3495

citing authors

#	ARTICLE	IF	CITATIONS
1	Quasi-1D van der Waals Antiferromagnetic CrZr ₄ Te ₁₄ with Large In-plane Anisotropic Negative Magnetoresistance. <i>Advanced Materials</i> , 2022, 34, e2200145.	21.0	7
2	Magnetic-Field-Induced Re-entrance of Superconductivity in Ta ₂ PdS ₅ Nanostrips. <i>Nano Letters</i> , 2021, 21, 288-297.	9.1	3
3	Van der Waals ferromagnetic Josephson junctions. <i>Nature Communications</i> , 2021, 12, 6580.	12.8	31
4	Controllable Domain Walls in Two-Dimensional Ferromagnetic Material Fe ₃ GeTe ₂ Based on the Spin-Transfer Torque Effect. <i>ACS Nano</i> , 2021, 15, 19513-19521.	14.6	6
5	Two-dimensional ferromagnetic superlattices. <i>National Science Review</i> , 2020, 7, 745-754.	9.5	39
6	Gate-Tunable Surface States in Topological Insulator \hat{I}^2 -Ag ₂ Te with High Mobility. <i>Nano Letters</i> , 2020, 20, 7004-7010.	9.1	15
7	Nonreciprocal superconducting NbSe ₂ antenna. <i>Nature Communications</i> , 2020, 11, 5634.	12.8	43
8	Anomalous Spin Behavior in Fe ₃ GeTe ₂ Driven by Current Pulses. <i>ACS Nano</i> , 2020, 14, 9512-9520.	14.6	17
9	Edge superconductivity in multilayer WTe ₂ Josephson junction. <i>National Science Review</i> , 2020, 7, 1468-1475.	9.5	22
10	Light-Tunable Ferromagnetism in Atomically Thin \hat{I}^2 -Ag ₂ Te Driven by Femtosecond Laser Pulse. <i>Physical Review Letters</i> , 2020, 125, 267205.	7.8	57
11	Proximity-induced surface superconductivity in Dirac semimetal Cd ₃ As ₂ . <i>Nature Communications</i> , 2019, 10, 2217.	12.8	50
12	Atomic disorders in layer structured topological insulator SnBi ₂ Te ₄ nanoplates. <i>Nano Research</i> , 2018, 11, 696-706.	10.4	16
13	Signature of quantum Griffiths singularity state in a layered quasi-one-dimensional superconductor. <i>Nature Communications</i> , 2018, 9, 4656.	12.8	21
14	Inducing Strong Superconductivity in WTe ₂ by a Proximity Effect. <i>ACS Nano</i> , 2018, 12, 7185-7196.	14.6	48
15	Room-temperature chiral charge pumping in Dirac semimetals. <i>Nature Communications</i> , 2017, 8, 13741.	12.8	113
16	Various and Tunable Transport Properties of WSe ₂ Transistor Formed by Metal Contacts. <i>Small</i> , 2017, 13, 1604319.	10.0	17
17	Tunable Positive to Negative Magnetoresistance in Atomically Thin WTe ₂ . <i>Nano Letters</i> , 2017, 17, 878-885.	9.1	92
18	Evolution of Weyl orbit and quantum Hall effect in Dirac semimetal Cd ₃ As ₂ . <i>Nature Communications</i> , 2017, 8, 1272.	12.8	118

#	ARTICLE		IF	CITATIONS
19	Superconductivity and magnetotransport of single-crystalline NbSe ₂ nanoplates grown by chemical vapour deposition. <i>Nanoscale</i> , 2017, 9, 16591-16595.		5.6	17
20	Wafer-scale two-dimensional ferromagnetic Fe ₃ GeTe ₂ thin films grown by molecular beam epitaxy. <i>Npj 2D Materials and Applications</i> , 2017, 1, .		7.9	157
21	Tunable Ambipolar Polarization-Sensitive Photodetectors Based on High-Anisotropy ReSe ₂ Nanosheets. <i>ACS Nano</i> , 2016, 10, 8067-8077.		14.6	276
22	Surface-energy engineered Bi-doped SnTe nanoribbons with weak antilocalization effect and linear magnetoresistance. <i>Nanoscale</i> , 2016, 8, 19383-19389.		5.6	15
23	ReS ₂ -Based Field-Effect Transistors and Photodetectors. <i>Advanced Functional Materials</i> , 2015, 25, 4076-4082.		14.9	282
24	Controllable Growth of Vertical Heterostructure GaTe _x Se _{1-x} /Si by Molecular Beam Epitaxy. <i>ACS Nano</i> , 2015, 9, 8592-8598.		14.6	53
25	Magnetotransport Properties of Cd ₃ As ₂ Nanostructures. <i>ACS Nano</i> , 2015, 9, 8843-8850.		14.6	57
26	Scalable Growth of High Mobility Dirac Semimetal Cd ₃ As ₂ Microbelts. <i>Nano Letters</i> , 2015, 15, 5830-5834.		9.1	41
27	Tunable Charge-Trap Memory Based on Few-Layer MoS ₂ . <i>ACS Nano</i> , 2015, 9, 612-619.		14.6	217