

Ziyan Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

6,856
citations

361413

20
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

3627
citing authors

#	ARTICLE	IF	CITATIONS
1	Orderly disorder in magic-angle twisted trilayer graphene. <i>Science</i> , 2022, 376, 193-199.	12.6	63
2	Spectroscopic Signatures of Interlayer Coupling in Janus MoSSe/MoS ₂ Heterostructures. <i>ACS Nano</i> , 2021, 15, 14394-14403.	14.6	36
3	Correlated Insulating States and Transport Signature of Superconductivity in Twisted Trilayer Graphene Superlattices. <i>Physical Review Letters</i> , 2021, 127, 166802.	7.8	44
4	Twisted Trilayer Graphene: A Precisely Tunable Platform for Correlated Electrons. <i>Physical Review Letters</i> , 2020, 125, 116404.	7.8	82
5	Electronic structure calculations of twisted multi-layer graphene superlattices. <i>2D Materials</i> , 2020, 7, 035028.	4.4	33
6	Topological Gaseous Plasmon Polariton in Realistic Plasma. <i>Physical Review Letters</i> , 2020, 124, 195001.	7.8	31
7	Modeling mechanical relaxation in incommensurate trilayer van der Waals heterostructures. <i>Physical Review B</i> , 2020, 101, .	3.2	31
8	Ultraheavy and Ultrarelativistic Dirac Quasiparticles in Sandwiched Graphenes. <i>Nano Letters</i> , 2020, 20, 3030-3038.	9.1	80
9	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	4.5	47
10	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69.	5.1	54
11	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	4.5	51
12	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	7.7	175
13	Testing General Relativity with the Black Hole Shadow Size and Asymmetry of Sagittarius A*: Limitations from Interstellar Scattering. <i>Astrophysical Journal</i> , 2019, 870, 6.	4.5	25
14	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
15	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
16	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
17	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	8.3	2,264
18	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814

#	ARTICLE	IF	CITATIONS
19	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	8.3	897
20	Exact continuum model for low-energy electronic states of twisted bilayer graphene. <i>Physical Review Research</i> , 2019, 1, .	3.6	186