

Feng Yuan

List of Publications by Year in descending order

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76
papers

11,054
citations

108046

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times ranked

5470
citing authors

#	ARTICLE	IF	CITATIONS
1	The Accretion Flow in M87 is Really MAD. <i>Astrophysical Journal</i> , 2022, 924, 124.	1.6	14
2	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	1.6	6
3	Evidence for A Hot Wind from High-resolution X-Ray Spectroscopic Observation of the Low-luminosity Active Galactic Nucleus in NGC 7213. <i>Astrophysical Journal</i> , 2022, 926, 209.	1.6	7
4	Magnetic Spirals in Accretion Flows Originated from Misaligned Magnetic Fields. <i>Astrophysical Journal</i> , 2022, 928, 85.	1.6	3
5	Large-scale dynamics of winds driven by line force from a thin accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1141-1153.	1.6	5
6	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	3.0	142
7	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	3.0	21
8	Formation of Episodic Jets and Associated Flares from Black Hole Accretion Systems. <i>Astrophysical Journal</i> , 2022, 933, 55.	1.6	9
9	A parsec-scale faint jet in the nearby changing-look Seyfert galaxy Mrk 590. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 502, L61-L65.	1.2	11
10	From Haloes to Galaxies. II. The Fundamental Relations in Star Formation and Quenching. <i>Astrophysical Journal</i> , 2021, 907, 114.	1.6	15
11	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	3.0	215
12	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	3.0	67
13	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	3.0	297
14	Mass and Environment as Drivers of Galaxy Evolution. IV. On the Quenching of Massive Central Disk Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2021, 911, 57.	1.6	12
15	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	3.0	56
16	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	1.6	43
17	Numerical Simulation of Hot Accretion Flows. IV. Effects of Black Hole Spin and Magnetic Field Strength on the Wind and the Comparison between Wind and Jet Properties. <i>Astrophysical Journal</i> , 2021, 914, 131.	1.6	19
18	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	4.2	65

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19	An energetic hot wind from the low-luminosity active galactic nucleus M81*. Nature Astronomy, 2021, 5, 928-935.	4.2	28
20	From Haloes to Galaxies. III. The Gas Cycle of Local Galaxy Populations. Astrophysical Journal, 2021, 915, 94.	1.6	4
21	Do Current X-Ray Observations Capture Most of the Black-hole Accretion at High Redshifts?. Astrophysical Journal, 2021, 921, 170.	1.6	7
22	Verification of Radiative Transfer Schemes for the EHT. Astrophysical Journal, 2020, 897, 148.	1.6	44
23	Large-scale Dynamics of Winds Originating from Black Hole Accretion Flows. II. Magnetohydrodynamics. Astrophysical Journal, 2020, 890, 81.	1.6	11
24	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. Astrophysical Journal, 2020, 897, 139.	1.6	47
25	Large-scale Dynamics of Winds Originating from Black Hole Accretion Flows. I. Hydrodynamics. Astrophysical Journal, 2020, 890, 80.	1.6	10
26	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. Astronomy and Astrophysics, 2020, 640, A69.	2.1	54
27	Resolving the Nuclear Radio Emission from M32 with the Very Large Array. Astrophysical Journal, 2020, 894, 61.	1.6	5
28	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. Astrophysical Journal, 2020, 901, 67.	1.6	51
29	Active galactic nucleus feedback in an elliptical galaxy with the most updated AGN physics: Parameter explorations. Monthly Notices of the Royal Astronomical Society, 2020, 501, 398-410.	1.6	5
30	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. Astrophysical Journal, Supplement Series, 2019, 243, 26.	3.0	175
31	Radiation-driven outflows in AGNs: revisiting feedback effects of scattered and reprocessed photons. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2567-2578.	1.6	8
32	Nearly all Massive Quiescent Disk Galaxies Have a Surprisingly Large Atomic Gas Reservoir. Astrophysical Journal Letters, 2019, 884, L52.	3.0	39
33	Effects of Ringed Structures and Dust Size Growth on Millimeter Observations of Protoplanetary Disks. Astrophysical Journal, 2019, 878, 39.	1.6	19
34	Reconciling the quasar microlensing disc size problem with a wind model of active galactic nucleus. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2275-2281.	1.6	15
35	MACER Improved: AGN Feedback Computed in Rotating Early-type Galaxies at High Resolution. Astrophysical Journal, 2019, 872, 167.	1.6	21
36	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. Astrophysical Journal Letters, 2019, 875, L3.	3.0	519

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37	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	3.0	618
38	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	3.0	806
39	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	3.0	2,264
40	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	3.0	814
41	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	3.0	897
42	NuStar Hard X-Ray View of Low-luminosity Active Galactic Nuclei: High-energy Cutoff and Truncated Thin Disk. <i>Astrophysical Journal</i> , 2019, 870, 73.	1.6	23
43	SDSS-IV MaNGA: The Roles of AGNs and Dynamical Processes in Star Formation Quenching in Nearby Disk Galaxies. <i>Astrophysical Journal</i> , 2019, 870, 19.	1.6	21
44	New clues to jet launching: The inner disks in radio loud quasars may be more stable. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	9
45	On the Role of the Hot Feedback Mode in Active Galactic Nuclei Feedback in an Elliptical Galaxy. <i>Astrophysical Journal</i> , 2019, 885, 16.	1.6	13
46	Numerical study of active galactic nucleus feedback in an elliptical galaxy with <i>MACER</i> . <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 101-107.	0.0	0
47	An Intrinsic Link between Long-term UV/Optical Variations and X-Ray Loudness in Quasars. <i>Astrophysical Journal</i> , 2018, 868, 58.	1.6	9
48	Stellar and AGN Feedback in Isolated Early-type Galaxies: The Role in Regulating Star Formation and ISM Properties. <i>Astrophysical Journal</i> , 2018, 866, 70.	1.6	25
49	Active Galactic Nucleus Feedback in an Elliptical Galaxy with the Most Updated AGN Physics. II. High Angular Momentum Case. <i>Astrophysical Journal</i> , 2018, 864, 6.	1.6	27
50	Active Galactic Nucleus Feedback in an Elliptical Galaxy with the Most Updated AGN Physics. I. Low Angular Momentum Case. <i>Astrophysical Journal</i> , 2018, 857, 121.	1.6	92
51	EUCLIA "Exploring the UV/Optical Continuum Lag in Active Galactic Nuclei. I. A Model without Light Echoing. <i>Astrophysical Journal</i> , 2018, 855, 117.	1.6	28
52	Radiative Heating in the Kinetic Mode of AGN Feedback. <i>Astrophysical Journal</i> , 2017, 844, 42.	1.6	28
53	Very Large Array Multiband Monitoring Observations of M31*. <i>Astrophysical Journal</i> , 2017, 845, 140.	1.6	4
54	HYDRODYNAMICAL NUMERICAL SIMULATION OF WIND PRODUCTION FROM BLACK HOLE HOT ACCRETION FLOWS AT VERY LARGE RADII. <i>Astrophysical Journal</i> , 2016, 818, 83.	1.6	55

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55	EXPLORING THE ACCRETION MODEL OF M87 AND 3C 84 WITH THE FARADAY ROTATION MEASURE OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 830, 78.	1.6	19
56	MAGNETOHYDRODYNAMIC NUMERICAL SIMULATION OF WIND PRODUCTION FROM HOT ACCRETION FLOWS AROUND BLACK HOLES AT VERY LARGE RADII. <i>Astrophysical Journal</i> , 2016, 823, 90.	1.6	41
57	MAGNETO-THERMAL DISK WINDS FROM PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2016, 818, 152.	1.6	157
58	Two-dimensional inflow-wind solution of black hole accretion with an evenly symmetric magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2877-2884.	1.6	22
59	STATISTICS OF X-RAY FLARES OF SAGITTARIUS A [†] : EVIDENCE FOR SOLAR-LIKE SELF-ORGANIZED CRITICALITY PHENOMENA. <i>Astrophysical Journal</i> , 2015, 810, 19.	1.6	38
60	THE ACCRETION WIND MODEL OF <i>FERMI</i> BUBBLES. II. RADIATION. <i>Astrophysical Journal</i> , 2015, 811, 37.	1.6	30
61	DETECTION OF A COMPACT NUCLEAR RADIO SOURCE IN THE LOCAL GROUP ELLIPTICAL GALAXY M32. <i>Astrophysical Journal Letters</i> , 2015, 807, L19.	3.0	10
62	Correlation between the photon index and X-ray luminosity of black hole X-ray binaries and active galactic nuclei: observations and interpretation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1692-1704.	1.6	103
63	NUMERICAL SIMULATION OF HOT ACCRETION FLOWS. III. REVISITING WIND PROPERTIES USING THE TRAJECTORY APPROACH. <i>Astrophysical Journal</i> , 2015, 804, 101.	1.6	179
64	ACTIVE GALACTIC NUCLEUS FEEDBACK IN AN ISOLATED ELLIPTICAL GALAXY: THE EFFECT OF STRONG RADIATIVE FEEDBACK IN THE KINETIC MODE. <i>Astrophysical Journal</i> , 2014, 789, 150.	1.6	47
65	Does the circularization radius exist or not for low-angular-momentum accretion?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 917-920.	1.6	9
66	Hot Accretion Flows Around Black Holes. <i>Annual Review of Astronomy and Astrophysics</i> , 2014, 52, 529-588.	8.1	972
67	<i>FERMI</i> BUBBLES INFLATED BY WINDS LAUNCHED FROM THE HOT ACCRETION FLOW IN SGR A*. <i>Astrophysical Journal</i> , 2014, 790, 109.	1.6	73
68	Radiative efficiency of hot accretion flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1580-1586.	1.6	124
69	NUMERICAL SIMULATION OF HOT ACCRETION FLOWS. I. A LARGE RADIAL DYNAMICAL RANGE AND THE DENSITY PROFILE OF ACCRETION FLOW. <i>Astrophysical Journal</i> , 2012, 761, 129.	1.6	165
70	NUMERICAL SIMULATION OF HOT ACCRETION FLOWS. II. NATURE, ORIGIN, AND PROPERTIES OF OUTFLOWS AND THEIR POSSIBLE OBSERVATIONAL APPLICATIONS. <i>Astrophysical Journal</i> , 2012, 761, 130.	1.6	212
71	A magnetohydrodynamical model for the formation of episodic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 2183-2188.	1.6	107
72	The Influences of Outflow on the Dynamics of Inflow. <i>Astrophysical Journal</i> , 2008, 681, 499-505.	1.6	51

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73	Thermal X-Ray Iron Line Emission from the Galactic Center Black Hole Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 640, 319-326.	1.6	60
74	On the Nature of the Variable Infrared Emission from Sagittarius A*. <i>Astrophysical Journal</i> , 2004, 606, 894-899.	1.6	148
75	On the Nature of X-Ray-Bright, Optically Normal Galaxies. <i>Astrophysical Journal</i> , 2004, 612, 724-728.	1.6	109
76	Nonthermal Electrons in Radiatively Inefficient Accretion Flow Models of Sagittarius A*. <i>Astrophysical Journal</i> , 2003, 598, 301-312.	1.6	576