

Feng Yuan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8887371/publications.pdf>

Version: 2024-02-01

76
papers

11,054
citations

94415

37
h-index

74160

75
g-index

77
all docs

77
docs citations

77
times ranked

5065
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Hot Accretion Flows Around Black Holes. <i>Annual Review of Astronomy and Astrophysics</i> , 2014, 52, 529-588.	24.3	972
3	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
4	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
5	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
6	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
7	Nonthermal Electrons in Radiatively Inefficient Accretion Flow Models of Sagittarius A*. <i>Astrophysical Journal</i> , 2003, 598, 301-312.	4.5	576
8	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
9	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	8.3	297
10	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	8.3	215
11	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.	4.5	212
12	NUMERICAL SIMULATION OF HOT ACCRETION FLOWS. III. REVISITING WIND PROPERTIES USING THE TRAJECTORY APPROACH. <i>Astrophysical Journal</i> , 2015, 804, 101.	4.5	179
13	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	7.7	175
14	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.	4.5	165
15	MAGNETO-THERMAL DISK WINDS FROM PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2016, 818, 152.	4.5	157
16	On the Nature of the Variable Infrared Emission from Sagittarius A*. <i>Astrophysical Journal</i> , 2004, 606, 894-899.	4.5	148
17	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
18	Radiative efficiency of hot accretion flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1580-1586.	4.4	124

#	ARTICLE	IF	CITATIONS
19	On the Nature of X-ray Bright, Optically Normal Galaxies. <i>Astrophysical Journal</i> , 2004, 612, 724-728.	4.5	109
20	A magnetohydrodynamical model for the formation of episodic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 2183-2188.	4.4	107
21	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.	4.4	103
22	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.	4.5	92
23	<i>FERMI</i> BUBBLES INFLATED BY WINDS LAUNCHED FROM THE HOT ACCRETION FLOW IN SGR A*. <i>Astrophysical Journal</i> , 2014, 790, 109.	4.5	73
24	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
25	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	10.1	65
26	Thermal X-ray Iron Line Emission from the Galactic Center Black Hole Sagittarius A*. <i>Astrophysical Journal</i> , 2006, 640, 319-326.	4.5	60
27	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	8.3	56
28	HYDRODYNAMICAL NUMERICAL SIMULATION OF WIND PRODUCTION FROM BLACK HOLE HOT ACCRETION FLOWS AT VERY LARGE RADII. <i>Astrophysical Journal</i> , 2016, 818, 83.	4.5	55
29	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
30	The Influences of Outflow on the Dynamics of Inflow. <i>Astrophysical Journal</i> , 2008, 681, 499-505.	4.5	51
31	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	4.5	51
32	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.	4.5	47
33	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	4.5	47
34	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	4.5	44
35	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	4.5	43
36	MAGNETOHYDRODYNAMIC NUMERICAL SIMULATION OF WIND PRODUCTION FROM HOT ACCRETION FLOWS AROUND BLACK HOLES AT VERY LARGE RADII. <i>Astrophysical Journal</i> , 2016, 823, 90.	4.5	41

#	ARTICLE	IF	CITATIONS
37	Nearly all Massive Quiescent Disk Galaxies Have a Surprisingly Large Atomic Gas Reservoir. <i>Astrophysical Journal Letters</i> , 2019, 884, L52.	8.3	39
38	STATISTICS OF X-RAY FLARES OF SAGITTARIUS A [†] : EVIDENCE FOR SOLAR-LIKE SELF-ORGANIZED CRITICALITY PHENOMENA. <i>Astrophysical Journal</i> , 2015, 810, 19.	4.5	38
39	THE ACCRETION WIND MODEL OF <i>FERMI</i> BUBBLES. II. RADIATION. <i>Astrophysical Journal</i> , 2015, 811, 37.	4.5	30
40	Radiative Heating in the Kinetic Mode of AGN Feedback. <i>Astrophysical Journal</i> , 2017, 844, 42.	4.5	28
41	EUCLIA—Exploring the UV/Optical Continuum Lag in Active Galactic Nuclei. I. A Model without Light Echoing. <i>Astrophysical Journal</i> , 2018, 855, 117.	4.5	28
42	An energetic hot wind from the low-luminosity active galactic nucleus M81*. <i>Nature Astronomy</i> , 2021, 5, 928-935.	10.1	28
43	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.	4.5	27
44	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.	4.5	25
45	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.	4.5	23
46	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.	4.4	22
47	MACER Improved: AGN Feedback Computed in Rotating Early-type Galaxies at High Resolution. <i>Astrophysical Journal</i> , 2019, 872, 167.	4.5	21
48	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.	4.5	21
49	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	8.3	21
50	EXPLORING THE ACCRETION MODEL OF M87 AND 3C 84 WITH THE FARADAY ROTATION MEASURE OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 830, 78.	4.5	19
51	Effects of Ringed Structures and Dust Size Growth on Millimeter Observations of Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 878, 39.	4.5	19
52	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.	4.5	19
53	Reconciling the quasar microlensing disc size problem with a wind model of active galactic nucleus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2275-2281.	4.4	15
54	From Haloes to Galaxies. II. The Fundamental Relations in Star Formation and Quenching. <i>Astrophysical Journal</i> , 2021, 907, 114.	4.5	15

#	ARTICLE	IF	CITATIONS
55	The Accretion Flow in M87 is Really MAD. <i>Astrophysical Journal</i> , 2022, 924, 124.	4.5	14
56	On the Role of the Hot Feedback Mode in Active Galactic Nuclei Feedback in an Elliptical Galaxy. <i>Astrophysical Journal</i> , 2019, 885, 16.	4.5	13
57	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.	4.5	12
58	Large-scale Dynamics of Winds Originating from Black Hole Accretion Flows. II. Magnetohydrodynamics. <i>Astrophysical Journal</i> , 2020, 890, 81.	4.5	11
59	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.	3.3	11
60	DETECTION OF A COMPACT NUCLEAR RADIO SOURCE IN THE LOCAL GROUP ELLIPTICAL GALAXY M32. <i>Astrophysical Journal Letters</i> , 2015, 807, L19.	8.3	10
61	Large-scale Dynamics of Winds Originating from Black Hole Accretion Flows. I. Hydrodynamics. <i>Astrophysical Journal</i> , 2020, 890, 80.	4.5	10
62	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.	4.4	9
63	An Intrinsic Link between Long-term UV/Optical Variations and X-Ray Loudness in Quasars. <i>Astrophysical Journal</i> , 2018, 868, 58.	4.5	9
64	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.	5.1	9
65	Formation of Episodic Jets and Associated Flares from Black Hole Accretion Systems. <i>Astrophysical Journal</i> , 2022, 933, 55.	4.5	9
66	Radiation-driven outflows in AGNs: revisiting feedback effects of scattered and reprocessed photons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2567-2578.	4.4	8
67	Do Current X-Ray Observations Capture Most of the Black-hole Accretion at High Redshifts?. <i>Astrophysical Journal</i> , 2021, 921, 170.	4.5	7
68	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.	4.5	7
69	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	4.5	6
70	Resolving the Nuclear Radio Emission from M32 with the Very Large Array. <i>Astrophysical Journal</i> , 2020, 894, 61.	4.5	5
71	Active galactic nucleus feedback in an elliptical galaxy with the most updated AGN physics: Parameter explorations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 398-410.	4.4	5
72	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.	4.4	5

#	ARTICLE	IF	CITATIONS
73	Very Large Array Multiband Monitoring Observations of M31*. <i>Astrophysical Journal</i> , 2017, 845, 140.	4.5	4
74	From Haloes to Galaxies. III. The Gas Cycle of Local Galaxy Populations. <i>Astrophysical Journal</i> , 2021, 915, 94.	4.5	4
75	Magnetic Spirals in Accretion Flows Originated from Misaligned Magnetic Fields. <i>Astrophysical Journal</i> , 2022, 928, 85.	4.5	3
76	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