

# Relativistic Jets from Active Galactic Nuclei

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The propagation of choked jet outflows in power-law external media. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2844-2872.	1.6	11
2	Non-thermal emission in radio galaxy lobes – II. Centaurus A, Centaurus B, and NGC 6251. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1489-1497.	1.6	6
3	Black Hole Spin and Accretion Disk Magnetic Field Strength Estimates for More Than 750 Active Galactic Nuclei and Multiple Galactic Black Holes. Astrophysical Journal, 2019, 886, 37.	1.6	38
4	BAT AGN Spectroscopic Survey – XIII. The nature of the most luminous obscured AGN in the low-redshift universe. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3073-3092.	1.6	11
5	LOFAR measures the hotspot advance speed of the high-redshift blazar S5 0836+710. Astronomy and Astrophysics, 2019, 631, A49.	2.1	9
6	Kinematics of the M87 Jet in the Collimation Zone: Gradual Acceleration and Velocity Stratification. Astrophysical Journal, 2019, 887, 147.	1.6	46
7	A spatio-kinematic model for jets in post-AGB stars. Astronomy and Astrophysics, 2019, 631, A53.	2.1	20
8	The $L_{\text{radio}}$ vs $L_{\text{UV}}$ radio relation and corona-disc-jet connection in optically selected radio-loud quasars. Monthly Notices of the Royal Astronomical Society, 2020, 496, 245-268.	1.6	39
9	J1110+4817 – a compact symmetric object candidate revisited. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1811-1818.	1.6	3
10	A self-lensing supermassive binary black hole at radio frequencies: the story of Spikey continues. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3336-3347.	1.6	6
11	Particle acceleration in astrophysical jets. New Astronomy Reviews, 2020, 89, 101543.	5.2	51
12	The nearby extreme accretion and feedback system PDS 456: finding a complex radio-emitting nucleus. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2620-2626.	1.6	14
13	On the properties of dissipative shocks in the relativistic accretion flows. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2119-2132.	1.6	2
14	Multiwaveband quasi-periodic oscillation in the blazar 3C 454.3. Monthly Notices of the Royal Astronomical Society, 2020, 501, 50-61.	1.6	29
15	On the distribution of fluxes of gamma-ray blazars: hints for a stochastic process?. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1294-1300.	1.6	11
16	The curious activity in the nucleus of NGC 4151: jet interaction causing variability?. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3079-3086.	1.6	8
17	Simulating the dynamics and non-thermal emission of relativistic magnetized jets I. Dynamics. Monthly Notices of the Royal Astronomical Society, 2020, 499, 681-701.	1.6	37
18	Probing shock acceleration in BL Lac jets through X-ray polarimetry: the time-dependent view. Monthly Notices of the Royal Astronomical Society, 2020, 498, 599-608.	1.6	10

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19	Acceleration of high energy protons in AGN relativistic jets. <i>Physical Review D</i> , 2020, 102, .	1.6	9
20	Relativistic AGN jets – III. Synthesis of synchrotron emission from double-double radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3638-3657.	1.6	3
21	Gamma-ray flares from relativistic magnetic reconnection in the jet of the quasar 3C 279. <i>Nature Communications</i> , 2020, 11, 4176.	5.8	42
22	On the significance of relativistically hot pairs in the jets of FR II radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3749-3754.	1.6	7
23	Leptonic and Hadronic Radiative Processes in Supermassive-Black-Hole Jets. <i>Galaxies</i> , 2020, 8, 72.	1.1	32
24	On Spin dependence of the Fundamental Plane of black hole activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 278-284.	1.6	7
25	Probing the absorption of gamma-rays by IR radiation from the dusty torus in FSRQs with the Cherenkov telescope array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3463-3473.	1.6	4
26	Nature of the DLA towards Q <sup>0528+250</sup> : High pressure and strong UV field revealed by excitation of $\text{C}^{\text{i}}$ , $\text{H}_2$ , and $\text{Si}^{\text{ii}}$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1946-1956.	1.6	8
27	Physical parameters of active galactic nuclei derived from properties of the jet geometry transition region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2532-2543.	1.6	13
28	Unraveling the Physics of Quasar Jets: Optical Polarimetry and Implications for the X-ray Emission Process. <i>Galaxies</i> , 2020, 8, 71.	1.1	10
29	Propulsion of Spacecraft to Relativistic Speeds Using Natural Astrophysical Sources. <i>Astrophysical Journal</i> , 2020, 894, 36.	1.6	23
30	Toward a Full MHD Jet Model of Spinning Black Holes. II. Kinematics and Application to the M87 Jet. <i>Astrophysical Journal</i> , 2020, 894, 45.	1.6	8
31	Resolving acceleration to very high energies along the jet of Centaurus A. <i>Nature</i> , 2020, 582, 356-359.	18.7	37
32	A transition from parabolic to conical shape as a common effect in nearby AGN jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3576-3591.	1.6	62
33	Radio Sources Associated with Optical Galaxies and Having Unresolved or Extended Morphologies (ROGUE). I. A Catalog of SDSS Galaxies with FIRST Core Identifications. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 53.	3.0	22
34	The Nature of $\text{I}^{\text{3}}$ -Ray Variability in Blazars. <i>Astrophysical Journal</i> , 2020, 891, 120.	1.6	50
35	A flat-spectrum flare in S4 0444+63 revealed by a new implementation of multiwavelength single-dish observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2807-2817.	1.6	7
36	Relativistic Jets from AGN Viewed at Highest Angular Resolution. <i>Galaxies</i> , 2020, 8, 1.	1.1	16

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37	Striped Blandford/Znajek jets from advection of small-scale magnetic field. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4203-4225.	1.6	22
38	Revisiting the Fraction of Radio-Loud Narrow Line Seyfert 1 Galaxies with LoTSS DR1. Universe, 2020, 6, 45.	0.9	2
39	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
40	Compact Bright Radio-loud AGNs. III. A Large VLBA Survey at 43 GHz. Astrophysical Journal, Supplement Series, 2020, 247, 57.	3.0	17
41	Relevance of jet magnetic field structure for blazar axionlike particle searches. Physical Review D, 2021, 103, .	1.6	16
42	Constraining the shear acceleration model for the X-ray emission of large-scale extragalactic jets. Monthly Notices of the Royal Astronomical Society, 2021, 501, 6199-6207.	1.6	17
43	Can the EHT M87 results be used to test general relativity?. Physical Review D, 2021, 103, .	1.6	55
44	The Relativistic Jet Orientation and Host Galaxy of the Peculiar Blazar PKS 1413+135. Astrophysical Journal, 2021, 907, 61.	1.6	13
45	Possible evidence of a universal radio/X-ray correlation in a near-complete sample of hard X-ray selected seyfert galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1987-1998.	1.6	10
46	Placing LOFAR-detected quasars in $\nu$ emission space: implications for winds, jets and star formation. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4154-4169.	1.6	7
47	Electromagnetic counterparts of compact binary mergers. Journal of Plasma Physics, 2021, 87, .	0.7	13
48	A compact core-jet structure in the changing-look Seyfert NGC 2617. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3886-3895.	1.6	10
49	Magnetic outflows from turbulent accretion disks. Astronomy and Astrophysics, 2021, 647, A192.	2.1	25
50	Jet collimation in NGC 315 and other nearby AGN. Astronomy and Astrophysics, 2021, 647, A67.	2.1	32
51	The Large-scale Magnetic Field Advected in the Corona of a Thin Accretion Disk. Astrophysical Journal, 2021, 909, 158.	1.6	8
52	Particle acceleration in radio galaxies with flickering jets: GeV electrons to ultrahigh energy cosmic rays. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5948-5964.	1.6	11
53	Jet Collimation and Acceleration in the Giant Radio Galaxy NGC 315. Astrophysical Journal, 2021, 909, 76.	1.6	25
54	Optical Variability Power Spectrum Analysis of Blazar Sources on Intranight Timescales. Astrophysical Journal, 2021, 909, 39.	1.6	9

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55	X-Ray-to-radio Offset Inference from Low-count X-Ray Jets. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 37.	3.0	6
56	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	3.0	67
57	Radio detection of VIK J2318+3113, the most distant radio-loud quasar ( $\langle z \rangle = 6.44$ ). <i>Astronomy and Astrophysics</i> , 2021, 647, L11.	2.1	24
58	A Possible Quasi-Periodic Oscillation in the X-ray Emission of 3C 120. <i>Galaxies</i> , 2021, 9, 20.	1.1	5
59	The peculiar WAT NGC 2329 with Seyfert/FR I-like radio lobes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4416-4427.	1.6	6
60	An adaptive mesh, GPU-accelerated, and error minimized special relativistic hydrodynamics code. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3298-3315.	1.6	1
61	Tracing the evolution of ultraluminous infrared galaxies into radio galaxies with low frequency radio observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5746-5762.	1.6	2
62	The Effects of Large-scale Magnetic Fields on the Model for Repeating Changing-look AGNs. <i>Astrophysical Journal</i> , 2021, 910, 97.	1.6	13
63	ASASSN-14ko is a Periodic Nuclear Transient in ESO 253-G003. <i>Astrophysical Journal</i> , 2021, 910, 125.	1.6	45
64	The relativistic jet dichotomy and the end of the blazar sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4726-4745.	1.6	28
65	Water in star-forming regions: physics and chemistry from clouds to disks as probed by <i>Herschel</i> spectroscopy. <i>Astronomy and Astrophysics</i> , 2021, 648, A24.	2.1	98
66	Particle acceleration in shearing flows: the case for large-scale jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1334-1341.	1.6	9
67	The Powers of Relativistic Jets Depend on the Spin of Accreting Supermassive Black Holes. <i>Astrophysical Journal</i> , 2021, 913, 93.	1.6	20
68	Properties of ultralight bosons from heavy quasar spins via superradiance. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 007.	1.9	22
69	Intraday Mid-infrared Variability of PMN J0948+0022 on 2020 April 26. <i>Research Notes of the AAS</i> , 2021, 5, 109.	0.3	0
70	Probing Magnetic Fields and Acceleration Mechanisms in Blazar Jets with X-ray Polarimetry. <i>Galaxies</i> , 2021, 9, 37.	1.1	12
71	Simulating the dynamics and synchrotron emission from relativistic jets – II. Evolution of non-thermal electrons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2267-2284.	1.6	20
72	Extended X-Ray Emission Associated with the Radio Lobes and the Environments of 60 Radio Galaxies. <i>Astrophysical Journal</i> , 2021, 912, 88.	1.6	3

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73	Testing the magnetic flux paradigm for AGN radio loudness with a radio-intermediate quasar. <i>Astronomy and Astrophysics</i> , 2021, 652, A14.	2.1	10
74	Synchrotron self-Compton radiation from magnetically dominated turbulent plasmas in relativistic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 38-51.	1.6	9
75	Numerical analysis of long-term variability of AGN jets through RMHD simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1862-1878.	1.6	9
76	Numerical simulations of jets. <i>New Astronomy Reviews</i> , 2021, 92, 101610.	5.2	34
77	A Detailed Kinematic Study of 3C 84 and Its Connection to $\hat{\Gamma}^3$ -Rays. <i>Astrophysical Journal</i> , 2021, 914, 43.	1.6	7
78	The content of astrophysical jets. <i>Astronomische Nachrichten</i> , 2021, 342, 727-734.	0.6	6
79	Radio signals from early direct collapse black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5606-5618.	1.6	1
80	The Gamma-ray Window to Intergalactic Magnetism. <i>Universe</i> , 2021, 7, 223.	0.9	38
81	Which AGN jets quench star formation in massive galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 175-204.	1.6	31
82	Radiative Driving of the AGN Outflows in the Narrow-line Seyfert 1 Galaxy NGC 4051* $\hat{\epsilon}$ . <i>Astrophysical Journal</i> , 2021, 916, 31.	1.6	10
83	Project MOMO: Multiwavelength Observations and Modeling of OJ 287. <i>Universe</i> , 2021, 7, 261.	0.9	11
84	Numerical exploration of first-order relativistic hydrodynamics. <i>Physical Review D</i> , 2021, 104, .	1.6	23
85	PIC methods in astrophysics: simulations of relativistic jets and kinetic physics in astrophysical systems. <i>Living Reviews in Solar Physics</i> , 2021, 7, 1.	5.0	21
86	Pair Cascades at the Edge of the Broad-line Region Shaping the Gamma-Ray Spectrum of 3C 279. <i>Astrophysical Journal</i> , 2021, 917, 32.	1.6	3
87	The Globe Orbiting Soft X-ray (GOSoX) polarimeter concept study. , 2021, , .		0
88	Stellar Transits across a Magnetized Accretion Torus as a Mechanism for Plasmoid Ejection. <i>Astrophysical Journal</i> , 2021, 917, 43.	1.6	36
89	Identifying changing jets through their radio variability. <i>Astronomy and Astrophysics</i> , 2021, 654, A169.	2.1	3
90	Black hole fuelling in galaxy mergers: a high-resolution analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3672-3683.	1.6	6

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91	Can the Blandford-Znajek Mechanism Power Steady Jets?. <i>Astrophysical Journal Letters</i> , 2021, 918, L22.	3.0	16
92	Ionized Gas Outflows in Low-excitation Radio Galaxies Are Radiation Driven. <i>Astrophysical Journal</i> , 2021, 918, 65.	1.6	10
93	High-Energy Neutrinos from the Cosmos. <i>Annalen Der Physik</i> , 2021, 533, 2100309.	0.9	2
94	Constraining evolution of magnetic field strength in the dissipation region of two BL Lac objects. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 302.	0.7	1
95	GRMHD simulations of BH activation by small scale magnetic loops: formation of striped jets and active coronae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1241-1252.	1.6	28
96	Constraints on models of the origin of high-energy astrophysical neutrinos. <i>Physics-Usppekhi</i> , 2021, 64, 1261-1285.	0.8	13
97	A Quasi-periodic Oscillation in the $\hat{\gamma}$ -Ray Emission from the Non-blazar Active Galactic Nucleus PKS 0521-36. <i>Astrophysical Journal</i> , 2021, 919, 58.	1.6	15
98	Faint polarised sources in the Lockman Hole field at 1.4 GHz. <i>Astronomy and Astrophysics</i> , 2021, 653, A155.	2.1	3
99	Turbulence and Particle Acceleration in Shearing Flows. <i>Astrophysical Journal Letters</i> , 2021, 907, L2.	3.0	12
100	LeMMINGs III. The <i>e-MERLIN</i> legacy survey of the Palomar sample: exploring the origin of nuclear radio emission in active and inactive galaxies through the [O <sup>+</sup> III] radio connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2019-2038.	1.6	14
101	New horizons in black hole astrophysics. <i>Europhysics News</i> , 2021, 52, 12-14.	0.1	0
102	Analytical Solution of Magnetically Dominated Astrophysical Jets and Winds: Jet Launching, Acceleration, and Collimation. <i>Astrophysical Journal</i> , 2021, 906, 105.	1.6	32
103	Generally Applicable Formalism for Modeling the Observable Signatures of Inflows, Outflows, and Moving Coronal Plasma Close to Kerr Black Holes. <i>Astrophysical Journal</i> , 2021, 906, 34.	1.6	4
104	Radio jets: Properties, life and impact. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 229-242.	0.0	3
105	Laboratory disruption of scaled astrophysical outflows by a misaligned magnetic field. <i>Nature Communications</i> , 2021, 12, 762.	5.8	14
106	Linear polarization in the nucleus of M87 at 7 mm and 1.3 cm. <i>Astronomy and Astrophysics</i> , 2020, 637, L6.	2.1	25
107	Investigating the connection between $\hat{\gamma}$ -ray activity and the relativistic jet in 3C 273 during 2015-2019. <i>Astronomy and Astrophysics</i> , 2020, 636, A62.	2.1	6
108	Magnetic field transport in compact binaries. <i>Astronomy and Astrophysics</i> , 2020, 641, A133.	2.1	12

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109	Do stellar-mass and super-massive black holes have similar dining habits?. <i>Astronomy and Astrophysics</i> , 2020, 638, A100.	2.1	8
110	EeV astrophysical neutrinos from flat spectrum radio quasars. <i>Astronomy and Astrophysics</i> , 2020, 642, A92.	2.1	13
111	Parsec-scale properties of the radio brightest jetted AGN at $z < 6$ . <i>Astronomy and Astrophysics</i> , 2020, 643, L12.	2.1	33
112	LeMMINGs II. The e-MERLIN legacy survey of nearby galaxies. The deepest radio view of the Palomar sample on parsec scale. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4749-4767.	1.6	26
113	Kink-driven magnetic reconnection in relativistic jets: consequences for X-ray polarimetry of BL Lacs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2836-2847.	1.6	28
114	Quantum magnetic collapse of a partially bosonized npe-gas: Implications for astrophysical jets. <i>International Journal of Modern Physics D</i> , 2021, 30, 2150007.	0.9	2
115	Exploiting High-Energy Polarization in Blazars. , 2019, , .		1
116	The Composite X-Ray Spectrum of 3CRR Quasars. <i>Astrophysical Journal</i> , 2020, 893, 39.	1.6	6
117	Choked Accretion onto a Schwarzschild Black Hole: A Hydrodynamical Jet-launching Mechanism. <i>Astrophysical Journal</i> , 2020, 893, 81.	1.6	8
118	Circular Polarization from Inhomogeneous Synchrotron Sources. <i>Astrophysical Journal</i> , 2020, 894, 47.	1.6	1
119	Correlations between Black Holes and Host Galaxies in the Illustris and IllustrisTNG Simulations. <i>Astrophysical Journal</i> , 2020, 895, 102.	1.6	24
120	On the Energy Coupling Efficiency of AGN Outbursts in Galaxy Clusters. <i>Astrophysical Journal</i> , 2020, 896, 114.	1.6	4
121	Broadband X-Ray Observation of Broad-line Radio Galaxy 3C 109. <i>Astrophysical Journal</i> , 2020, 897, 47.	1.6	2
122	Blazars at the Cosmic Dawn. <i>Astrophysical Journal</i> , 2020, 897, 177.	1.6	19
123	On the Diversity of Jet Production Efficiency in Swift/BAT AGNs. <i>Astrophysical Journal</i> , 2020, 900, 125.	1.6	15
124	Near-horizon Structure of Escape Zones of Electrically Charged Particles around Weakly Magnetized Rotating Black Hole. II. Acceleration and Escape in the Oblique Magnetosphere. <i>Astrophysical Journal</i> , 2020, 900, 119.	1.6	2
125	Quasars That Have Transitioned from Radio-quiet to Radio-loud on Decadal Timescales Revealed by VLASS and FIRST. <i>Astrophysical Journal</i> , 2020, 905, 74.	1.6	53
126	Significant Suppression of Star Formation in Radio-quiet AGN Host Galaxies with Kiloparsec-scale Radio Structures. <i>Astrophysical Journal</i> , 2020, 904, 83.	1.6	15



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127	Deterministic Aspect of the $\hat{\Gamma}^3$ -Ray Variability in Blazars. <i>Astrophysical Journal</i> , 2020, 905, 160.	1.6	6
128	A Population of Compact Radio Variables and Transients in the Radio-bright Zone at the Galactic Center Observed with the Jansky Very Large Array. <i>Astrophysical Journal</i> , 2020, 905, 173.	1.6	13
129	A persistent double nuclear structure in 3C $\hat{A}$ 84. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1024-1035.	1.6	5
130	Search for Multi-flare Neutrino Emissions in 10 yr of IceCube Data from a Catalog of Sources. <i>Astrophysical Journal Letters</i> , 2021, 920, L45.	3.0	12
131	Parabolic jet shape on parsec scales in high redshift AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1899-1911.	1.6	4
132	Constraints on magnetic field and particle content in blazar jets through optical circular polarization. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 509, L21-L25.	1.2	9
133	Multi-Wavelength Study of 4C+28.07. <i>Astrophysical Journal</i> , 2021, 920, 117.	1.6	3
134	Understanding the X-ray spectral curvature of Mkn $\hat{A}$ 421 using broad-band <i>AstroSat</i> observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5921-5934.	1.6	4
135	Using strong lensing to understand the microjy radio emission in two radio quiet quasars at redshift 1.7. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4625-4638.	1.6	9
136	Expanding one-zone model for blazar emission. <i>Astronomy and Astrophysics</i> , 2022, 657, A20.	2.1	10
137	A Simulation Study of Ultra-relativistic Jets. II. Structures and Dynamics of FR-II Jets. <i>Astrophysical Journal</i> , 2021, 920, 144.	1.6	10
138	Minute-timescale Variability in the X-ray Emission of the Highest Redshift Blazar*. <i>Astrophysical Journal</i> , 2021, 920, 15.	1.6	5
139	Spectral Signature of Mass Outflow in the Two Component Advective Flow Paradigm. <i>Astrophysical Journal</i> , 2021, 920, 41.	1.6	8
140	Detections of Simultaneous Brightening of $\hat{\Gamma}^3$ -Ray and Optical Emissions of a Distant Blazar GB 1508+5714 at Redshift 4.3. <i>Astrophysical Journal Letters</i> , 2020, 898, L56.	3.0	1
141	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). IV. Rapidly Growing (Super)Massive Black Holes in Extremely Radio-loud Galaxies. <i>Astrophysical Journal</i> , 2021, 921, 51.	1.6	8
142	Monte-Carlo Simulations of Compton Polarization in Astrophysical Sources. , 2020, , .		0
143	Using circular polarization to test the composition and dynamics of astrophysical particle accelerators. <i>Physical Review D</i> , 2020, 102, .	1.6	2
144	Apparent superluminal velocities and random walk in the velocity space. <i>Modern Physics Letters A</i> , 2021, 36, 2150017.	0.5	0

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145	Active Galactic Nucleus Ghosts: A Systematic Search for Faded Nuclei. <i>Astrophysical Journal</i> , 2020, 905, 29.	1.6	7
146	The variability of brightest cluster galaxies at high radio frequencies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2869-2884.	1.6	5
147	Viewing Classical Radio Galaxies with the Upgraded GMRT and MeerKAT – A Progress Report. <i>Galaxies</i> , 2021, 9, 87.	1.1	4
148	Radio light curves and imaging of the helium nova V445 Puppis reveal seven years of synchrotron emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1394-1412.	1.6	9
149	Machine Learning for Conservative-to-Primitive in Relativistic Hydrodynamics. <i>Symmetry</i> , 2021, 13, 2157.	1.1	4
150	Particle-in-Cell Simulations of Astrophysical Relativistic Jets. <i>Universe</i> , 2021, 7, 450.	0.9	4
151	Accretion mode and jet collimation in active galactic nuclei. <i>Astronomische Nachrichten</i> , 0, , .	0.6	0
152	The peaked spectrum and compact steep spectrum sources: Issues and opportunities. <i>Astronomische Nachrichten</i> , 2021, 342, 1056-1061.	0.6	0
153	The PG-RQS survey. Building the radio spectral distribution of radio-quiet quasars. ÅI. The 45-GHz data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 1043-1058.	1.6	10
154	A Revised View of the Linear Polarization in the Subparsec Core of M87 at 7 mm. <i>Astrophysical Journal</i> , 2021, 922, 180.	1.6	5
155	X-ray spectral features and classification of selected QSOs. <i>Journal of Physical Studies</i> , 2021, 25, .	0.2	1
156	Relevance of photon-photon dispersion within the jet for blazar axionlike particle searches. <i>Physical Review D</i> , 2022, 105, .	1.6	5
157	Unified model for orphan and multiwavelength blazar flares. <i>Physical Review D</i> , 2022, 105, .	1.6	14
158	Circumnuclear Dust in AP Librae and the Source of Its VHE Emission. <i>Astrophysical Journal</i> , 2022, 924, 57.	1.6	3
159	Particle Acceleration by Pickup Process Upstream of Relativistic Shocks. <i>Astrophysical Journal</i> , 2022, 924, 108.	1.6	4
160	Exploring the connection between ultraviolet/optical variations and radio emission in radio-quiet quasars: clues about the origin of radio emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 296-303.	1.6	1
161	Direct observation of an extended X-ray jet at $z = 6.1$ . <i>Astronomy and Astrophysics</i> , 2022, 659, A93.	2.1	12
162	Some Notes About the Current Researches on the Physics of Relativistic Jets. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 8, .	1.1	0

#	ARTICLE	IF	CITATIONS
163	Detecting intermediate-mass black holes in midquasars with current and future surveys. Monthly Notices of the Royal Astronomical Society, 2022, 512, 291-295.	1.6	3
164	The Estimation of Fundamental Physics Parameters for Fermi-LAT Blazars. Astrophysical Journal, 2022, 925, 97.	1.6	11
165	Central engine of the highest redshift blazar. Astronomy and Astrophysics, 0, , .	2.1	6
166	Light-curve Evolution of the Nearest Tidal Disruption Event: A Late-time, Radio-only Flare. Astrophysical Journal, 2022, 925, 143.	1.6	11
167	Understanding emission signatures of AGN jets through numerical simulations. Journal of Astrophysics and Astronomy, 2022, 43, 1.	0.4	0
168	The evolution of the heaviest supermassive black holes in jetted AGNs. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5436-5447.	1.6	10
169	Jet Parameters in the Black Hole X-Ray Binary MAXI J1820+070. Astrophysical Journal, 2022, 925, 189.	1.6	15
170	Blandford-Znajek process in quadratic gravity. Physical Review D, 2022, 105, .	1.6	8
171	Pitch-Angle Anisotropy Controls Particle Acceleration and Cooling in Radiative Relativistic Plasma Turbulence. Physical Review Letters, 2021, 127, 255102.	2.9	17
172	Simulations of AGN-driven Galactic Outflow Morphology and Content. Astronomical Journal, 2022, 163, 134.	1.9	15
173	Discovery of a bright extended X-ray jet in RGB J1512+020A. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4639-4659.	1.6	0
174	Accretion mode versus radio morphology in the LOFAR Deep Fields. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3250-3271.	1.6	22
175	Impact of non-thermal particles on the spectral and structural properties of M87. Astronomy and Astrophysics, 2022, 660, A107.	2.1	26
176	Gamma-Ray Cosmology and Tests of Fundamental Physics. Galaxies, 2022, 10, 39.	1.1	10
177	IBIS-A: The IBIS data Archive. Astronomy and Astrophysics, 2022, 661, A74.	2.1	4
178	Mushroom-instability-driven Magnetic Reconnections in Collisionless Relativistic Jets. Astrophysical Journal, 2022, 928, 62.	1.6	3
179	MOMO – V. Effelsberg, <i>Swift</i>, and <i>Fermi</i> study of the blazar and supermassive binary black hole candidate OJ 287 in a period of high activity. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3165-3179.	1.6	5
180	Multiwavelength Variability Power Spectrum Analysis of the Blazars 3C 279 and PKS 1510–089 on Multiple Timescales. Astrophysical Journal, 2022, 927, 214.	1.6	14

#	ARTICLE	IF	CITATIONS
181	FRAMEx. II. Simultaneous X-Ray and Radio Variability in Active Galactic Nuclei—The Case of NGC 2992. <i>Astrophysical Journal</i> , 2022, 927, 18.	1.6	8
182	Fitting AGN/Galaxy X-Ray-to-radio SEDs with CIGALE and Improvement of the Code. <i>Astrophysical Journal</i> , 2022, 927, 192.	1.6	62
183	Fermi and eROSITA bubbles as relics of the past activity of the Galaxy’s central black hole. <i>Nature Astronomy</i> , 2022, 6, 584-591.	4.2	26
184	Testing particle acceleration models for BL Lac jets with the Imaging X-ray Polarimetry Explorer. <i>Astronomy and Astrophysics</i> , 2022, 662, A83.	2.1	5
185	Predicting the Redshift of Gamma-Ray Loud AGNs Using Supervised Machine Learning. II. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 55.	3.0	7
186	Eternal universe in dynamic equilibrium. <i>Physics Essays</i> , 2022, 35, 15-24.	0.1	4
187	MOMO. IV. The Complete Swift X-Ray and UV/Optical Light Curve and Characteristic Variability of the Blazar OJ 287 during the Last Two Decades. <i>Astrophysical Journal</i> , 2021, 923, 51.	1.6	12
188	rms–flux relation and disc–jet connection in blazars in the context of the internal shocks model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3688-3700.	1.6	0
189	On the Mass Loading of AGN-driven Outflows in Elliptical Galaxies and Clusters. <i>Astrophysical Journal</i> , 2021, 923, 256.	1.6	4
190	Magnetic field strengths of the synchrotron self-absorption region in the jet of CTA 102 during radio flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 815-833.	1.6	6
191	Monitoring Of Jets in Active Galactic Nuclei with VLBA Experiments. XVIII. Kinematics and Inner Jet Evolution of Bright Radio-loud Active Galaxies. <i>Astrophysical Journal</i> , 2021, 923, 30.	1.6	48
192	Reading M87’s DNA: A Double Helix Revealing a Large-scale Helical Magnetic Field. <i>Astrophysical Journal Letters</i> , 2021, 923, L5.	3.0	19
193	â€ˆæˆˆçfâ¼€±•âššâ¼€½â©æ–†â¼€çš,ç”ç©¶è¼›â±•. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2022, ,0.2		1
194	Radio Galaxies at TeV Energies. <i>Galaxies</i> , 2022, 10, 61.	1.1	4
195	Radio spectra of protostellar jets: Thermal and non-thermal emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3709-3724.	1.6	3
196	The science case and challenges of space-borne sub-millimeter interferometry. <i>Acta Astronautica</i> , 2022, 196, 314-333.	1.7	15
197	Constraining the radio properties of the <i>z</i>=â€ˆ,=â€ˆ,6.44 QSO VIK J2318âˆ”3113. <i>Astronomy and Astrophysics</i> , 2022, 663, A73.	2.1	6
198	VLBI observations of VIK J2318âˆ”3113, a quasar at <i>z</i>=â€ˆ,=â€ˆ,6.44. <i>Astronomy and Astrophysics</i> , 2022, 662, L2.	2.1	7

#	ARTICLE	IF	CITATIONS
199	Characterizing the Variable X-Ray and UV-Optical Flux Behavior of Blazars. <i>Astrophysical Journal</i> , 2022, 931, 83.	1.6	0
200	Milliarcsecond X-Ray Astrometry to Resolve Inner Regions of AGN at $z > 1$ Using Gravitational Lensing. <i>Astrophysical Journal</i> , 2022, 931, 68.	1.6	1
201	On the origin of core radio emissions from black hole sources in the realm of relativistic shocked accretion flow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1940-1951.	1.6	2
202	Polarization and variability of compact sources measured in <i>Planck</i> time-ordered data. <i>Astronomy and Astrophysics</i> , 2023, 669, A92.	2.1	1
203	Testing High-energy Emission Models for Blazars with X-Ray Polarimetry. <i>Astrophysical Journal</i> , 2022, 931, 59.	1.6	5
204	Ion Acoustic Shock Wave Formation and Ion Acceleration in the Interactions of Pair Jets with Electron-ion Plasmas. <i>Astrophysical Journal</i> , 2022, 931, 36.	1.6	4
205	Spectral index distribution over radio lobes of 4C 14.11 using astrophysical data in FITS format. <i>Advances in Space Research</i> , 2022, , .	1.2	0
206	Is there a sub-parsec-scale jet base in the nearby dwarf galaxy NGC 4395?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 6215-6224.	1.6	8
207	Nobel Lecture: A forty-year journey. <i>Reviews of Modern Physics</i> , 2022, 94, .	16.4	4
208	The US Naval Observatory VLBI Spectroscopic Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 33.	3.0	5
209	Ergomagnetosphere, ejection disc, magnetopause in M87. I. Global flow of mass, angular momentum, energy, and current. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5141-5158.	1.6	15
210	Blandford-Znajek jets in galaxy formation simulations: exploring the diversity of outflows produced by spin-driven AGN jets in Seyfert galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4535-4559.	1.6	14
211	GB6 J2113+1121: A Multiwavelength Flaring $\gamma$ -Ray Blazar Temporally and Spatially Coincident with the Neutrino Event IceCube-191001A. <i>Astrophysical Journal Letters</i> , 2022, 932, L25.	3.0	4
212	The Jet and Resolved Features of the Central Supermassive Black Hole of M87 Observed with the Event Horizon Telescope (EHT). <i>Astrophysical Journal</i> , 2022, 933, 36.	1.6	6
213	Multiwavelength temporal and spectral study of TeV blazar 1ES 1727+502 during 2014-2021. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 2633-2645.	1.6	4
214	Constraining X-ray emission of a magnetically arrested disk by radio-loud AGNs with an extreme-ultraviolet deficit. <i>Astronomy and Astrophysics</i> , 2022, 663, L4.	2.1	0
215	The Isotropic $\gamma$ -ray Emission above 100 GeV: Where Do Very High-energy $\gamma$ -rays Come From?. <i>Astrophysical Journal</i> , 2022, 933, 213.	1.6	3
216	Extreme blazars: the result of unstable recollimated jets?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 517, L16-L20.	1.2	7

#	ARTICLE	IF	CITATIONS
217	Chiral anomalous processes in magnetospheres of pulsars and black holes. <i>European Physical Journal C</i> , 2022, 82, .	1.4	6
218	Blandford-Znajek monopole expansion revisited: novel non-analytic contributions to the power emission. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 032.	1.9	10
219	Tracing Milky Way scattering by compact extragalactic radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1736-1750.	1.6	7
220	The relation between optical and $\gamma$ -ray emission in BL Lac sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4810-4827.	1.6	3
221	Impacts of Jets and winds from primordial black holes. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 517, L1-L4.	1.2	5
222	Assigning Degrees of Stochasticity to Blazar Light Curves in the Radio Band Using Complex Networks. <i>Entropy</i> , 2022, 24, 1063.	1.1	3
223	Modelling observable signatures of jet-ISM interaction: thermal emission and gas kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 766-786.	1.6	13
225	Jets, Disks and Winds from Spinning Black Holes: Nature or Nurture?. <i>Galaxies</i> , 2022, 10, 89.	1.1	2
226	Feasibility study of observing $\gamma$ -ray emission from high redshift blazars using the MACE telescope. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, .	0.4	2
227	High-energy Gamma Rays from Magnetically Arrested Disks in Nearby Radio Galaxies. <i>Astrophysical Journal</i> , 2022, 935, 159.	1.6	2
228	Study of the Very High Energy Emission of M87 through its Broadband Spectral Energy Distribution. <i>Astrophysical Journal</i> , 2022, 934, 158.	1.6	2
229	A numerical study of the interplay between $\gamma$ acceleration mechanisms in radio lobes of FR-II radio galaxies. <i>Astronomy and Astrophysics</i> , 2022, 667, A138.	2.1	3
230	Radio Spectra of SN 2020oi: Effects of Radiative Cooling on the Deduced Source Properties. <i>Astrophysical Journal</i> , 2022, 936, 98.	1.6	2
231	Radio Jet Proper-motion Analysis of Nine Distant Quasars above Redshift 3.5. <i>Astrophysical Journal</i> , 2022, 937, 19.	1.6	3
232	Dependence of the Radio Emission on the Eddington Ratio of Radio-quiet Quasars. <i>Astrophysical Journal</i> , 2022, 936, 73.	1.6	8
233	The Structure of Gamma Ray Burst Jets. <i>Galaxies</i> , 2022, 10, 93.	1.1	11
234	The road toward imaging a black hole: A personal perspective. <i>Natural Sciences</i> , 2022, 2, .	1.0	1
235	Athena synergies in the multi-messenger and transient universe. <i>Experimental Astronomy</i> , 2022, 54, 23-117.	1.6	15

#	ARTICLE	IF	CITATIONS
236	Ion and Electron Acceleration in Fully Kinetic Plasma Turbulence. <i>Astrophysical Journal Letters</i> , 2022, 936, L27.	3.0	20
237	Baryon breakdown in black hole. <i>Frontiers in Physics</i> , 0, 10, .	1.0	3
238	X-ray spectral and timing analysis of the Compton Thick Seyfert 2 galaxy NGC 1068. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 3341-3353.	1.6	2
239	Magnetic Reconnection in Black Hole Magnetospheres: Lepton Loading into Jets, Superluminal Radio Blobs, and Multiwavelength Flares. <i>Astrophysical Journal Letters</i> , 2022, 937, L34.	3.0	7
240	Kiloparsec-scale Radio Structure in $z \sim 0.25$ Radio-quiet QSOs. <i>Astronomical Journal</i> , 2022, 164, 122.	1.9	3
241	Extreme TeV BL Lacs: a self-consistent stochastic acceleration model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 2502-2507.	1.6	1
242	Optically thick, nonlocal, inhomogeneous, stationary jet model for high-energy radiation from blazars: Application to Mrk 421. <i>Astronomy and Astrophysics</i> , 2022, 668, A3.	2.1	1
243	Adaptive optics and VLBA imaging observations of recoiling supermassive black hole candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 4081-4091.	1.6	1
244	Polarization Observations of AGN Jets: Past and Future. <i>Galaxies</i> , 2022, 10, 102.	1.1	5
245	The X-Ray Polarization View of Mrk 421 in an Average Flux State as Observed by the Imaging X-Ray Polarimetry Explorer. <i>Astrophysical Journal Letters</i> , 2022, 938, L7.	3.0	21
246	Blazar Jets as Possible Sources of Ultra-High Energy Photons: A Short Review. <i>Universe</i> , 2022, 8, 513.	0.9	2
247	Long-Term Monitoring of Blazar PKS 0208-512: A Change of $\gamma$ -Ray Baseline Activity from EGRET to Fermi Era. <i>Universe</i> , 2022, 8, 534.	0.9	0
248	A Machine Learning Approach for Predicting Black Hole Mass in Blazars Using Broadband Emission Model Parameters. <i>Universe</i> , 2022, 8, 539.	0.9	2
249	Polarimetric signatures of hot spots in black hole accretion flows. <i>Astronomy and Astrophysics</i> , 2022, 668, A185.	2.1	10
250	BL Lac object OJ 287: exploring a complete spectrum of issues concerning relativistic jets and accretion. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, .	0.4	2
251	Transient Radio Emission from Low-redshift Galaxies at $z < 0.3$ Revealed by the VLASS and FIRST Surveys. <i>Astrophysical Journal</i> , 2022, 938, 43.	1.6	1
252	VLBI observations of a sample of Palomar "Green quasars". I. Parsec-scale morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 39-53.	1.6	10
253	X-ray properties of high-redshift Radio Loud and Radio Quiet Quasars observed by Chandra. <i>Journal of High Energy Astrophysics</i> , 2022, 36, 152-161.	2.4	0

#	ARTICLE	IF	CITATIONS
254	Barbell-shaped giant radio galaxy with ~100 kpc kink in the jet. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	1
255	Neutrinos unveil hidden galactic activities. <i>Science</i> , 2022, 378, 474-475.	6.0	0
256	Optical Variability of Eight FRII-type Quasars with 13 yr Photometric Light Curves. <i>Astrophysical Journal, Supplement Series</i> , 2022, 263, 16.	3.0	1
257	Jets from active galactic nuclei. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, .	0.4	0
258	Implications from the Velocity Profile of the M87 Jet: A Possibility of a Slowly Rotating Black Hole Magnetosphere. <i>Astrophysical Journal</i> , 2022, 939, 83.	1.6	4
259	Optical spectroscopy of blazars for the Cherenkov Telescope Array â€™ II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 2675-2692.	1.6	4
260	Final stage of merging binaries of supermassive black holes: observational signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 3397-3406.	1.6	3
261	New Identifications and Multiwavelength Properties of Extragalactic Fermi Gamma-Ray Sources in the SPT-SZ Survey Field. <i>Astrophysical Journal</i> , 2022, 939, 117.	1.6	2
262	A New Sample of Gamma-Ray Emitting Jetted Active Galactic Nuclei. <i>Universe</i> , 2022, 8, 587.	0.9	14
263	Ultra high energy cosmic rays from past activity of Andromeda galaxy. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 519, L5-L9.	1.2	4
264	Magnetic field and Faraday rotation from large-scale interstellar medium to plasma near the black-hole horizon. <i>Plasma Science and Technology</i> , 2022, 24, 124013.	0.7	0
265	A polarization study of three blazars using uGMRT at $\sim 600$ MHz. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, .	0.4	1
266	Compact jets dominate the continuum emission in low-luminosity active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2023, 670, A22.	2.1	4
267	The Hot Interstellar Medium. , 2022, , 1-48.		2
268	Collimation of the Relativistic Jet in the Quasar 3C 273. <i>Astrophysical Journal</i> , 2022, 940, 65.	1.6	5
269	Applications of the Source-Frequency Phase-Referencing Technique for ngEHT Observations. <i>Galaxies</i> , 2023, 11, 3.	1.1	4
270	Radio Observations of Four Active Galactic Nuclei Hosting Intermediate-mass Black Hole Candidates: Studying the Outflow Activity and Evolution. <i>Astrophysical Journal</i> , 2022, 941, 43.	1.6	3
271	The Unified Models for Black Hole Accretions. , 0, , .		0



#	ARTICLE	IF	CITATIONS
272	A numerical study on the role of instabilities on multi-wavelength emission signatures of blazar jets. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	0
273	A powerful (and likely young) radio-loud quasar at $z=5.3$ . <i>Astronomy and Astrophysics</i> , 0, , .	2.1	0
274	Powerful Yet Lonely: Is 3C 297 a High-redshift Fossil Group?. <i>Astrophysical Journal, Supplement Series</i> , 2023, 264, 6.	3.0	1
275	Jets in radio galaxies and quasars: an observational perspective. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, .	0.4	7
276	Investigating dynamical properties of globular clusters through a family of lowered isothermal models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 445-459.	1.6	2
277	3D PIC Simulations for relativistic jets with a toroidal magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 5410-5426.	1.6	4
278	High-energy Neutrino Emission from Espresso-reaccelerated Ions in Jets of Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2023, 942, 37.	1.6	1
279	Fast Outflowing Warm Absorbers in Narrow-line Seyfert 1 Galaxy PG 1001+054 Revealed by HST/COS Spectra. <i>Astrophysical Journal</i> , 2023, 942, 64.	1.6	0
280	Quasi-periodic oscillations in the $\gamma$ -ray light curves of bright active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2023, 672, A86.	2.1	12
281	Interface instabilities in hydrodynamic relativistic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3009-3026.	1.6	2
282	X-Ray Polarization Observations of BL Lacertae. <i>Astrophysical Journal Letters</i> , 2023, 942, L10.	3.0	8
283	Particle acceleration in shearing flows: the self-generation of turbulent spine-sheath structures in relativistic magnetohydrodynamic jet simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 1872-1880.	1.6	7
284	Evolution and feedback of AGN jets of different cosmic ray composition. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 963-975.	1.6	1
285	cuHARM: A New GPU-accelerated GRMHD Code and Its Application to ADAF Disks. <i>Astrophysical Journal, Supplement Series</i> , 2023, 264, 32.	3.0	2
286	Multiwavelength astrophysics of the blazar OJ 287 and the project MOMO. <i>Astronomische Nachrichten</i> , 2023, 344, .	0.6	0
287	The Interaction of the Active Nucleus with the Host Galaxy Interstellar Medium. , 2023, , 1-46.		3
288	Surfatron acceleration of the protons to high energy in relativistic jets. <i>Physical Review D</i> , 2023, 107, .	1.6	0
289	General Physical Properties of Gamma-Ray-emitting Radio Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2023, 265, 60.	3.0	2

#	ARTICLE	IF	CITATIONS
290	Ultrafast Variability in AGN Jets: Intermittency and Lighthouse Effect. <i>Astrophysical Journal Letters</i> , 2023, 946, L51.	3.0	1
292	Intermediate-mass black holes: finding of episodic, large-scale, and powerful jet activity in a dwarf galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 5964-5973.	1.6	4
293	Offsets between X-Ray and Radio Components in X-Ray Jets: The AtlasX. <i>Astrophysical Journal, Supplement Series</i> , 2023, 265, 8.	3.0	3
294	Interactions between the Jet and Disk Wind in Nearby Radio-intermediate Quasar III Zw 2. <i>Astrophysical Journal</i> , 2023, 944, 187.	1.6	4
295	MOMO. VI. Multifrequency Radio Variability of the Blazar OJ 287 from 2015 to 2022, Absence of Predicted 2021 Precursor-flare Activity, and a New Binary Interpretation of the 2016/2017 Outburst. <i>Astrophysical Journal</i> , 2023, 944, 177.	1.6	4
296	Optical circular polarization induced by axionlike particles in blazars. <i>Physical Review D</i> , 2023, 107, .	1.6	0
297	Perspectives on relativistic electron-positron pair plasma experiments of astrophysical relevance using high-power lasers. <i>Physics of Plasmas</i> , 2023, 30, .	0.7	7
298	A Simulation Study of Ultra-relativistic Jets. III. Particle Acceleration in FR-II Jets. <i>Astrophysical Journal</i> , 2023, 944, 199.	1.6	6
299	A Unified Model for Bipolar Outflows from Young Stars: Apparent Magnetic Jet Acceleration. <i>Astrophysical Journal Letters</i> , 2023, 945, L1.	3.0	3
300	eROSITA Final Equatorial-Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2023, 672, A171.	2.1	0
301	Chasing supermassive black hole merging events with Athena and LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 2577-2592.	1.6	4
302	Simultaneous Millimeter-wave, Gamma-Ray, and Optical Monitoring of the Blazar PKS 2326-502 during a Flaring State. <i>Astrophysical Journal Letters</i> , 2023, 945, L23.	3.0	1
303	A Candidate Relativistic Tidal Disruption Event at 340 Mpc. <i>Astrophysical Journal</i> , 2023, 945, 142.	1.6	4
304	Multiband optical variability of a newly discovered 12 blazars sample from 2013 to 2019. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 767-791.	1.6	1
305	On the Zeeman effect in magnetically arrested disks. <i>Publication of the Astronomical Society of Japan</i> , 0, .	1.0	0
306	Intermediate-Mass Black Holes: The Essential Population to Explore the Unified Model for Accretion and Ejection Processes. <i>Galaxies</i> , 2023, 11, 53.	1.1	0
307	Galaxy and Mass Assembly (GAMA): Low-redshift Quasars and Inactive Galaxies Have Similar Neighbors. <i>Astrophysical Journal</i> , 2023, 946, 116.	1.6	0
308	The optical behaviour of BL Lacertae at its maximum brightness levels: a blend of geometry and energetics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 102-116.	1.6	3

#	ARTICLE	IF	CITATIONS
309	A Lorentz variant theory that passes fundamental tests of special relativity and makes diverging, testable but as of yet untested predictions. <i>F1000Research</i> , 0, 12, 407.	0.8	0
310	Constraints on axionlike particles from a combined analysis of three flaring $\gamma$ -ray flat-spectrum radio quasars. <i>Physical Review D</i> , 2023, 107, .		
311	GALLIFRAY – A Geometric Modeling and Parameter Estimation Framework for Black Hole Images Using Bayesian Techniques. <i>Astrophysical Journal</i> , 2023, 947, 43.	1.6	1
312	Intra-night optical flux and polarization variability of BL Lacertae during its 2020–2021 high state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 3018-3035.	1.6	4
349	The nature of compact radio sources: the case of FR 0 radio galaxies. <i>Astronomy and Astrophysics Review</i> , 2023, 31, .	9.1	6
371	Black Holes: Accretion Processes in X-ray Binaries. , 2024, , 1-28.		0
402	Black Holes: Accretion Processes in X-ray Binaries. , 2024, , 3911-3938.		0
403	The Interaction of the Active Nucleus with the Host Galaxy Interstellar Medium. , 2024, , 4399-4444.		0
404	The Hot Interstellar Medium. , 2024, , 4321-4368.		0