

Electromagnetic extraction of energy from Kerr black holes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	QUASAR THEORIES. Annals of the New York Academy of Sciences, 1977, 302, 613-635.	1.8	33
2	Neutron beams in active galactic nuclei. Nature, 1978, 274, 38-39.	13.7	17
3	Relativistic jets and beams in radio galaxies. Nature, 1978, 275, 516-517.	13.7	136
4	Black-hole eddy currents. Physical Review D, 1978, 18, 3598-3604.	1.6	159
5	Extended and Compact Extragalactic Radio Sources: Interpretation and Theory. Physica Scripta, 1978, 17, 265-274.	1.2	147
6	Accretion and the Quasar Phenomenon. Physica Scripta, 1978, 17, 193-200.	1.2	94
7	Positrons in Compact Radio Sources. Physical Review Letters, 1978, 41, 135-138.	2.9	13
8	Emission from the Nuclei of Nearby Galaxies: Evidence for Massive Black Holes?. Symposium - International Astronomical Union, 1978, 77, 237-244.	0.1	4
10	The Active Region in Galactic Nuclei: An Outline. Highlights of Astronomy, 1980, 5, 663-666.	0.0	0
11	Stellar tidal disruption by a massive binary black hole. Astrophysics and Space Science, 1980, 73, 355-378.	0.5	2
12	RELATIVISTIC JET PRODUCTION AND PROPAGATION IN ACTIVE GALAXIES. Annals of the New York Academy of Sciences, 1981, 375, 254-286.	1.8	17
13	Nuclei of Galaxies: The Origin of Plasma Beams. Symposium - International Astronomical Union, 1981, 94, 139-164.	0.1	3
14	Physical processes for X-ray emission in galactic nuclei. Space Science Reviews, 1981, 30, 87-99.	3.7	8
15	Remarks on accretion-disk models of SS 433. New Astronomy Reviews, 1981, 25, 177-184.	0.3	0
16	Limits on the charge of a collapsed object. Physical Review D, 1982, 25, 2509-2514.	1.6	12
17	Magnetic fields and accretion discs around static black holes. Journal of Physics A, 1982, 15, 2645-2653.	1.6	8
18	The Nature of the Energy Source in Radio Galaxies and Active Galactic Nuclei. Symposium - International Astronomical Union, 1982, 97, 247-253.	0.1	0
19	Near zero, a frontier of physics. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1982, 109-110, 1404-1420.	0.9	4

#	ARTICLE	IF	CITATIONS
20	Ion-supported tori and the origin of radio jets. <i>Nature</i> , 1982, 295, 17-21.	13.7	698
21	Physical Conditions in the Central Region, and the Nature of the Engine. <i>Highlights of Astronomy</i> , 1983, 6, 511-524.	0.0	1
23	The Origin of Ultra-High-Energy Cosmic Rays. <i>Annual Review of Astronomy and Astrophysics</i> , 1984, 22, 425-444.	8.1	953
24	Theory of extragalactic radio sources. <i>Reviews of Modern Physics</i> , 1984, 56, 255-351.	16.4	1,414
25	Energy-extraction processes from a Kerr black hole immersed in a magnetic field. I. Negative-energy states. <i>Physical Review D</i> , 1984, 29, 2712-2720.	1.6	28
26	Accretion onto a Kerr black hole in the presence of a dipole magnetic field. <i>Pramana - Journal of Physics</i> , 1985, 25, 135-148.	0.9	6
27	Energetics of the Kerr-Newman black hole by the penrose process. <i>Journal of Astrophysics and Astronomy</i> , 1985, 6, 85-100.	0.4	47
28	Active galactic nuclei I. Observations and fundamental interpretations. <i>Physics Reports</i> , 1985, 123, 117-213.	10.3	36
29	ASTROPHYSICS OF NEUTRON STARS AND BLACK HOLES. , 1985, , 210-238.		1
30	Ultra-High Energy Cosmic Ray Production by Current Disruption in Active Galactic Nuclei. <i>Symposium - International Astronomical Union</i> , 1985, 107, 471-473.	0.1	0
31	Formation, Equilibrium and Stability of Jets. <i>Symposium - International Astronomical Union</i> , 1985, 107, 85-94.	0.1	0
32	Accretion Disk Electrodynamics. <i>Symposium - International Astronomical Union</i> , 1985, 107, 453-469.	0.1	1
33	Membrane viewpoint on black holes: Dynamical electromagnetic fields near the horizon. <i>Physical Review D</i> , 1985, 32, 848-871.	1.6	36
34	The Bakerian Lecture, 1982: Galaxies and their nuclei. <i>Proceedings of the Royal Society of London Series A, Mathematical and Physical Sciences</i> , 1985, 400, 183-218.	1.5	1
35	Effects of Rotation and Deformation of Central Black Holes on the Structure of Rotating Disks. <i>Progress of Theoretical Physics</i> , 1986, 75, 828-835.	2.0	0
36	Toward a Unified Theory of Active Galactic Nuclei. <i>Annals of the New York Academy of Sciences</i> , 1986, 470, 51-70.	1.8	1
37	From Molecular Clouds to Active Galactic Nuclei?The Universality of the Jet Phenomenon. <i>Annals of the New York Academy of Sciences</i> , 1986, 470, 88-107.	1.8	9
38	Membrane viewpoint on black holes: Properties and evolution of the stretched horizon. <i>Physical Review D</i> , 1986, 33, 915-941.	1.6	221

#	ARTICLE	IF	CITATIONS
39	Theory of Stellar and Extragalactic Jets. International Astronomical Union Colloquium, 1986, 89, 386-402.	0.1	0
40	The revived Penrose process can power the central engine in active galactic nuclei. Symposium - International Astronomical Union, 1986, 119, 395-398.	0.1	0
41	Hydrodynamics Near the Central Engine. International Astronomical Union Colloquium, 1986, 89, 369-383.	0.1	0
42	Quasars at 25. Science, 1986, 234, 155-161.	6.0	39
43	Accretion disc models around compact objects. Astrophysics and Space Science, 1987, 137, 77-84.	0.5	0
44	On the observability of the magnetic precession of the black hole accretion disks. Astrophysics and Space Science, 1987, 135, 81-86.	0.5	6
45	Extragalactic magnetic fields. Physics Reports, 1987, 148, 307-435.	10.3	96
46	Schuster's Law, Black Holes and Gravitational Collapse. Annalen Der Physik, 1988, 500, 518-520.	0.9	2
47	Energetics of magnetized black holes: Effective ergospheres and superradiance. Astrophysics and Space Science, 1988, 143, 301-316.	0.5	6
48	Thick accretion disks ten years later. Advances in Space Research, 1988, 8, 151-156.	1.2	5
49	Structure of Relativistic Magnetosonic Shocks in Electron-Positron Plasmas. Physical Review Letters, 1988, 61, 779-782.	2.9	79
50	Membrane viewpoint on black holes: Gravitational perturbations of the horizon. Physical Review D, 1988, 37, 2761-2789.	1.6	18
51	High-redshift quasars in the Cold Dark Matter cosmogony. Monthly Notices of the Royal Astronomical Society, 1988, 230, 5P-11P.	1.6	219
52	Electrodynamics of the Central Regions of Active Galactic Nuclei. Symposium - International Astronomical Union, 1988, 129, 47-54.	0.1	0
53	QSO Luminosity Functions and Evolution. Symposium - International Astronomical Union, 1989, 134, 1-24.	0.1	0
54	Physics of the Central Engine. Symposium - International Astronomical Union, 1989, 134, 141-153.	0.1	0
55	On speed of jets. , 1989, , 358-371.		0
56	Interactions of magnetohydrodynamic waves with gravitomagnetic fields, and their possible roles in black-hole magnetospheres. Physical Review D, 1989, 40, 3858-3883.	1.6	30

#	ARTICLE	IF	CITATIONS
57	3+1 formulation of general-relativistic perfect magnetohydrodynamics. <i>Physical Review D</i> , 1989, 39, 2933-2942.	1.6	57
58	Nonlinear bound on unstable field energy in relativistic electron beams and plasmas. <i>Physics of Fluids B</i> , 1989, 1, 195-203.	1.7	21
59	The energetics of black holes in electromagnetic fields by the penrose process. <i>Physics Reports</i> , 1989, 183, 137-192.	10.3	43
60	Exact solutions for magnetized black holes. <i>Astrophysics and Space Science</i> , 1989, 155, 181-192.	0.5	30
61	Electrodynamics of the event horizon. <i>Physical Review D</i> , 1989, 40, 3834-3857.	1.6	18
62	An axisymmetric, nonstationary electrodynamic model of the central engine in an active galactic nucleus. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1990, 105, 907-920.	0.2	0
63	The X- and $\hat{\Gamma}^3$ -ray continuum of active galactic nuclei. <i>Advances in Space Research</i> , 1990, 10, 203-208.	1.2	0
64	Magnetohydrodynamics of Black Holes and the Origin of Jets. <i>Annals of the New York Academy of Sciences</i> , 1991, 647, 610-619.	1.8	5
65	Some Developments in Black Hole Astrophysics. <i>Annals of the New York Academy of Sciences</i> , 1991, 631, 235-245.	1.8	3
66	Role of general relativity in accretion disk dynamics. <i>Pramana - Journal of Physics</i> , 1991, 36, 445-488.	0.9	4
67	Effects of magnetohydrodynamic accretion flows on global structure of a Kerr black-hole magnetosphere. <i>Physical Review D</i> , 1991, 44, 2295-2305.	1.6	54
68	Inviscid hydromagnetic horizon boundary conditions. <i>Physical Review D</i> , 1991, 44, 2970-2982.	1.6	2
69	Kerr black holes as a Carnot engine. <i>Physical Review D</i> , 1991, 43, 340-345.	1.6	11
70	Variability of the central region in active galactic nuclei. <i>Astronomy and Astrophysics Review</i> , 1992, 4, 79-122.	9.1	22
71	Nonlinear expansion triggered by magnetic stress in accretion flow onto a black hole. <i>Astrophysics and Space Science</i> , 1993, 210, 109-111.	0.5	0
72	Polar circular orbits in the spacetime of black holes. <i>Classical and Quantum Gravity</i> , 1993, 10, 1741-1749.	1.5	5
73	Gamma-Ray Bursts. <i>Annals of the New York Academy of Sciences</i> , 1993, 688, 321-330.	1.8	12
74	Nonlinear Expansion Triggered by Magnetic Stress in Accretion Flow onto a Black Hole. <i>International Astronomical Union Colloquium</i> , 1993, 134, 109-111.	0.1	0

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75	Magnetic Fields in Thin Accretion Disks Around Black Holes. Symposium - International Astronomical Union, 1993, 157, 193-196.	0.1	0
76	High-Energy Gamma-Ray Observations of Active Galaxies. International Astronomical Union Colloquium, 1994, 142, 917-922.	0.1	0
77	Magnetized Accretion Disks Driving Jets. Symposium - International Astronomical Union, 1994, 159, 249-252.	0.1	0
78	High-Energy Radiation From Active Galactic Nuclei. International Astronomical Union Colloquium, 1994, 142, 923-928.	0.1	0
79	Models for classical gamma-ray bursts. Advances in Space Research, 1995, 15, 143-152.	1.2	18
80	Gamma-rays from neutron stars. Astronomy and Astrophysics Review, 1995, 6, 225-270.	9.1	12
81	Curvature radiation by ultrarelativistic protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 261-265.	1.5	10
82	Some aspects of motion in the Kerr field. European Physical Journal D, 1995, 45, 1-22.	0.4	3
83	On the Hot Spot near a Kerr Black Hole. Annals of the New York Academy of Sciences, 1995, 759, 550-553.	1.8	10
84	Can the Formation of X-Ray "obscuring" Tori and Jets in Active Galaxies be Determined by One Parameter?. Astrophysical Journal, 1996, 461, .	1.6	4
85	Spectral Diagnostics of Blazar Central Engines. II. Hydromagnetic Theory. Astrophysical Journal, 1996, 473, 178-203.	1.6	16
86	Knots in Simulations of Magnetized Relativistic Jets. Astrophysical Journal, 1996, 467, L57-L60.	1.6	49
87	Dynamics of the flute instability in accretion disks of AGN. Radiophysics and Quantum Electronics, 1996, 39, 23-25.	0.1	0
88	Accretion processes on a black hole. Physics Reports, 1996, 266, 229-390.	10.3	105
89	The origin of the highest energy cosmic rays. Journal of Physics G: Nuclear and Particle Physics, 1997, 23, 1-27.	1.4	95
90	The dynamo effect in magnetohydrodynamic accretion onto a rotating black hole. Plasma Physics and Controlled Fusion, 1997, 39, A177-A183.	0.9	1
91	Theory of force-free electromagnetic fields. I. General theory. Physical Review E, 1997, 56, 2181-2197.	0.8	66
93	How to Tell a Jet from a Balloon: A Proposed Test for Beaming in Gamma-Ray Bursts. Astrophysical Journal, 1997, 487, L1-L4.	1.6	415

#	ARTICLE	IF	CITATIONS
94	Relativistic Positrons in Nonthermal Radio Sources. <i>Astrophysical Journal</i> , 1997, 475, 661-664.	1.6	12
95	Advection-dominated Accretion Model of the Black Hole V404 Cygni in Quiescence. <i>Astrophysical Journal</i> , 1997, 482, 448-464.	1.6	169
96	Axisymmetric stationary flows in compact astrophysical objects. <i>Physics-Usppekhi</i> , 1997, 40, 659-688.	0.8	109
97	The Formation of Astrophysical Jets. <i>International Astronomical Union Colloquium</i> , 1997, 163, 845-866.	0.1	11
98	An advection-dominated flow in the nucleus of M87. <i>Lecture Notes in Physics</i> , 1997, , 240-249.	0.3	0
99	Learning about Active Galactic Nucleus Jets from Spectral Properties of Blazars. <i>Astrophysical Journal</i> , 1997, 484, 108-117.	1.6	140
100	Poynting Jets from Black Holes and Cosmological Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 1997, 482, L29-L32.	1.6	326
101	Region of Magnetic Dominance near a Rotating Black Hole. <i>General Relativity and Gravitation</i> , 1997, 29, 1011-1022.	0.7	5
102	Can high energy cosmic rays be vortons?. <i>Astroparticle Physics</i> , 1997, 7, 161-172.	1.9	30
103	Particle acceleration and high-energy emission in the EGRET AGNs. <i>Advances in Space Research</i> , 1997, 19, 109-112.	1.2	0
104	Evolution of Dimensionless Angular Momentum of Central Black Holes of Accretion Disks. <i>General Relativity and Gravitation</i> , 1998, 30, 1025-1035.	0.7	9
105	Evidence for Frame-Dragging around Spinning Black Holes in X-Ray Binaries. <i>Astrophysical Journal</i> , 1998, 492, L53-L57.	1.6	132
106	Microquasars in our Galaxy. <i>Nature</i> , 1998, 392, 673-676.	13.7	214
107	Magnetohydrodynamic Origin of Jets from Accretion Disks. <i>Annals of the New York Academy of Sciences</i> , 1998, 848, 101-113.	1.8	0
108	Binary evolution with relativistic jets. <i>New Astronomy Reviews</i> , 1998, 42, 609-612.	5.2	0
109	Very high-energy gamma-ray astronomy. <i>Physics Reports</i> , 1998, 305, 93-202.	10.3	122
110	The future of particle physics in outer space. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1998, 66, 571-582.	0.5	0
111	On thermodynamical evolution of Kerr black holes in active galactic nuclei. <i>Science Bulletin</i> , 1998, 43, 104-107.	1.7	0

#	ARTICLE	IF	CITATIONS
112	The formation of radio jets in X-ray binaries. <i>New Astronomy Reviews</i> , 1998, 42, 653-656.	5.2	0
113	The quest for the dynamical signature of accretion disks in active galactic nuclei. <i>Advances in Space Research</i> , 1998, 21, 33-45.	1.2	6
114	Thermodynamic evolution of the central black hole of active galactic nuclei. <i>Chinese Astronomy and Astrophysics</i> , 1998, 22, 268-274.	0.1	0
115	Multi-wavelength signatures of galactic black holes: observation and theory. <i>Physics Reports</i> , 1998, 302, 67-142.	10.3	39
116	MODELING EXTRAGALACTIC JETS. <i>Annual Review of Astronomy and Astrophysics</i> , 1998, 36, 539-598.	8.1	214
117	Helium Star/Black Hole Mergers: A New Gamma-Ray Burst Model. <i>Astrophysical Journal</i> , 1998, 502, L9-L12.	1.6	160
118	Gamma-ray bursts from internal shocks in a relativistic wind: temporal and spectral properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 275-286.	1.6	357
119	Pair Plasma Production in a Force-free Magnetosphere around a Supermassive Black Hole. <i>Astrophysical Journal</i> , 1998, 497, 563-572.	1.6	116
120	Are Gamma-Ray Bursts in Star-Forming Regions?. <i>Astrophysical Journal</i> , 1998, 494, L45-L48.	1.6	877
121	A Gamma-Ray Burst Model with Small Baryon Contamination. <i>Astrophysical Journal</i> , 1998, 507, L45-L48.	1.6	224
122	Occultation Mapping of the Central Engine in the Active Galaxy MCG +6-30-15. <i>Astrophysical Journal</i> , 1998, 501, L29-L32.	1.6	48
123	Testing the Central Engines in AGNs. <i>Symposium - International Astronomical Union</i> , 1998, 188, 453-454.	0.1	0
124	The Central Engine of Gamma-Ray Bursters. <i>Astrophysical Journal</i> , 1998, 505, L113-L117.	1.6	187
125	Efficiency of Magnetized Thin Accretion Disks in the Kerr Metric. <i>Astrophysical Journal</i> , 1999, 522, L57-L60.	1.6	163
126	Origin of Blazar Activity. <i>Symposium - International Astronomical Union</i> , 1999, 194, 256-268.	0.1	0
127	Magnetohydrodynamic Origin of Jets from Accretion Disks. <i>Symposium - International Astronomical Union</i> , 1999, 194, 208-218.	0.1	5
128	Radio-loud and Radio-quiet Active Galactic Nuclei. <i>Astronomical Journal</i> , 1999, 118, 1169-1176.	1.9	158
129	Entropy Change of Black Holes in Disk-Accretion. <i>Chinese Physics Letters</i> , 1999, 16, 464-466.	1.3	1

#	ARTICLE	IF	CITATIONS
130	Cosmic gamma-ray bursts. <i>Physics-Usppekhi</i> , 1999, 42, 469-480.	0.8	27
131	Afterglows from the largest explosions in the universe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4752-4755.	3.3	8
132	Active galactic nuclei as high energy engines. <i>Astroparticle Physics</i> , 1999, 11, 347-356.	1.9	26
133	Neutrino oscillations and blazars. <i>Astroparticle Physics</i> , 1999, 11, 49-57.	1.9	11
134	Gamma-ray bursts, ultra-high-energy cosmic rays, and cosmic gamma-ray background. <i>Astroparticle Physics</i> , 1999, 11, 451-455.	1.9	18
135	Energetics and beaming of gamma ray burst triggers. <i>New Astronomy</i> , 1999, 4, 303-312.	0.8	59
136	On the correlation of black hole spin and radio jet radiation of quasars. <i>Chinese Astronomy and Astrophysics</i> , 1999, 23, 281-287.	0.1	0
137	The bulk kinetic power of the jets of GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 303, L37-L40.	1.6	23
138	The evolution of black hole mass and angular momentum. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 305, 654-660.	1.6	94
139	Correlation between radio and broad line emission in radio loud quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 307, 802-808.	1.6	79
140	An application of the Kerr black hole fly-wheel model to statistical properties of QSOs/AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 308, 995-1005.	1.6	4
141	Warped discs and the directional stability of jets in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 309, 961-968.	1.6	34
142	The sedentary multifrequency survey - I. Statistical identification and cosmological properties of high-energy peaked BL Lacs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 465-475.	1.6	92
143	Astrophysical jets: a phenomenological examination of acceleration and collimation. <i>Physics Reports</i> , 1999, 311, 225-245.	10.3	126
144	A simple new method for analysing gapped time-series: X-ray variability of MCG -6-30-15. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 69, 515-518.	0.5	0
145	Observational evidence for massive black holes in the centers of active galaxies. <i>Journal of Astrophysics and Astronomy</i> , 1999, 20, 165-185.	0.4	31
146	Sources of Relativistic Jets in the Galaxy. <i>Annual Review of Astronomy and Astrophysics</i> , 1999, 37, 409-443.	8.1	707
147	Astrophysics in 1998. <i>Publications of the Astronomical Society of the Pacific</i> , 1999, 111, 385-437.	1.0	5

#	ARTICLE	IF	CITATIONS
148	Astrophysical evidence for the existence of black holes. <i>Classical and Quantum Gravity</i> , 1999, 16, A3-A21.	1.5	54
149	Selected Solutions of Einstein's Field Equations: Their Role in General Relativity and Astrophysics. <i>Lecture Notes in Physics</i> , 1999, , 1-126.	0.3	40
150	The Blandford-Znajek Mechanism and the Emission from Isolated Accreting Black Holes. <i>Astrophysical Journal</i> , 1999, 523, L7-L10.	1.6	55
151	On the Hadronic Beam Model for Gamma-Ray Production in Blazars. <i>Astrophysical Journal</i> , 1999, 510, 188-196.	1.6	51
152	Hyperaccreting Black Holes and Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 1999, 518, 356-374.	1.6	624
153	Collapsars: Gamma-Ray Bursts and Explosions in "Failed Supernovae". <i>Astrophysical Journal</i> , 1999, 524, 262-289.	1.6	1,793
154	Formation Rates of Black Hole Accretion Disk Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 1999, 526, 152-177.	1.6	386
155	Magnetized Accretion inside the Marginally Stable Orbit around a Black Hole. <i>Astrophysical Journal</i> , 1999, 515, L73-L76.	1.6	155
156	Black Hole-Neutron Star Mergers as Central Engines of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 1999, 527, L39-L42.	1.6	202
157	Extracting Energy from Black Holes: The Relative Importance of the Blandford-Znajek Mechanism. <i>Astrophysical Journal</i> , 1999, 512, 100-104.	1.6	260
158	On disks and jet(s) in the defunct quasar M 87. , 1999, , 252-270.		1
159	Merging White Dwarf/Black Hole Binaries and Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 1999, 520, 650-660.	1.6	126
160	Screw Instability and the Blandford-Znajek Mechanism. <i>Astrophysical Journal</i> , 2000, 531, L111-L114.	1.6	37
161	LARGE-SCALE REGULAR MORPHOLOGICAL PATTERNS IN THE RADIO JET OF NGC 6251. <i>Astronomical Journal</i> , 2000, 120, 697-702.	1.9	8
162	Numerical Hydrodynamics in General Relativity. <i>Living Reviews in Relativity</i> , 2000, 3, 2.	8.2	60
163	Hypercritical Advection-dominated Accretion Flow. <i>Astrophysical Journal</i> , 2000, 541, 918-923.	1.6	22
164	Issues Regarding the Blandford-Znajek Process as a Gamma-Ray Burst Inner Engine. <i>Astrophysical Journal</i> , 2000, 536, 416-419.	1.6	41
165	Extracting Energy from a Black Hole through Its Disk. <i>Astrophysical Journal</i> , 2000, 533, L115-L118.	1.6	61

#	ARTICLE	IF	CITATIONS
166	Making Clean Energy with a Kerr Black Hole: A Tokamak Model for Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2000, 544, 375-380.	1.6	9
167	The Recent High State of the BL Lacertae Object AO 0235 and Cross-Correlations between Optical and Radio Bands. <i>Astrophysical Journal</i> , 2000, 545, 758-771.	1.6	30
168	On the magnetohydrodynamic decollimation in compact objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 313, 445-453.	1.6	22
169	The structure of black hole magnetospheres – I. Schwarzschild black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 315, 89-97.	1.6	28
170	Radio galaxies with a 'double-double' morphology–II. The evolution of double-double radio galaxies and implications for the alignment effect in FR II sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 315, 381-394.	1.6	82
171	Quasars: a supermassive rotating toroidal black hole interpretation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 316, 856-874.	1.6	2
172	Cosmic ray generation by quasar remnants: constraints and implications. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 316, L29-L33.	1.6	29
173	Newtonian hydrodynamics of the coalescence of black holes with neutron stars – III. Irrotational binaries with a stiff equation of state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 318, 606-624.	1.6	42
174	Possible evidence for the disc origin for the powering of jets in Sgr A* and nearby elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 319, 1178-1184.	1.6	13
175	Astrophysical MHD jets. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 80, 51-61.	0.5	0
176	Gamma-ray bursts and bursters. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 80, 63-77.	0.5	24
177	Microquasars. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 80, 143-151.	0.5	1
178	Matter-affected neutrino oscillations in ordinary and mirror stars and their implications for gamma-ray bursts. <i>Astroparticle Physics</i> , 2000, 13, 21-30.	1.9	20
179	Evolution of black holes in the galaxy. <i>Physics Reports</i> , 2000, 333-334, 471-504.	10.3	9
180	Gamma-ray bursts – a puzzle being resolved. <i>Physics Reports</i> , 2000, 333-334, 529-553.	10.3	185
181	A review of gamma ray bursts. <i>Nuclear Physics A</i> , 2000, 663-664, 42c-55c.	0.6	5
182	Geodesics of bounded particles around a Kerr black hole. <i>Chinese Astronomy and Astrophysics</i> , 2000, 24, 135-144.	0.1	1
183	A theory of gamma-ray bursts. <i>New Astronomy</i> , 2000, 5, 191-210.	0.8	92

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184	Ultra high energy cosmic rays: the theoretical challenge. <i>Physics Reports</i> , 2000, 333-334, 329-348.	10.3	103
185	The Blandford-Znajek process as a central engine for a gamma-ray burst. <i>Physics Reports</i> , 2000, 325, 83-114.	10.3	199
186	Hypernovae, collapsars, and gamma-ray bursts. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 80, 135-142.	0.5	1
187	Quasar jets and their fields. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 811-829.	1.6	33
188	Gamma-ray bursts. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 853-867.	1.6	1
189	Extracting Energy from Accretion into a Kerr Black Hole. <i>Astrophysical Journal</i> , 2000, 534, L197-L198.	1.6	49
190	The Magnetic Fields of the Universe and Their Origin. <i>Symposium - International Astronomical Union</i> , 2000, 195, 255-264.	0.1	3
191	Magnetism in microquasars. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 841-851.	1.6	1
192	Accreting Plasmas in Black Hole Magnetospheres. <i>Symposium - International Astronomical Union</i> , 2000, 195, 233-240.	0.1	0
193	Jets from Compact Objects. <i>Symposium - International Astronomical Union</i> , 2000, 195, 113-122.	0.1	0
194	Magnetic activity in stars, discs and quasars. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 635-639.	1.6	5
195	A New Approach to Evolution of Black Hole Accretion Disks. <i>Chinese Physics Letters</i> , 2000, 17, 853-855.	1.3	1
196	Magnetic fields around black holes. <i>European Journal of Physics</i> , 2000, 21, 303-315.	0.3	8
197	Transient Accretion Disk and Energy Mechanism of Gamma Ray Bursts. <i>Chinese Physics Letters</i> , 2000, 17, 73-75.	1.3	5
198	Deceleration Effect of Magnetic Field on Black Hole Accretion Disks. <i>Chinese Physics Letters</i> , 2000, 17, 148-150.	1.3	3
199	Particle Acceleration and Curvature TeV Emission by Rotating, Supermassive Black Holes. <i>Physical Review Letters</i> , 2000, 85, 912-915.	2.9	89
200	Toy model for the Blandford-Znajek mechanism. <i>Physical Review D</i> , 2000, 61, .	1.6	38
201	Gamma-Ray Burst Afterglows. <i>Annual Review of Astronomy and Astrophysics</i> , 2000, 38, 379-425.	8.1	274

#	ARTICLE	IF	CITATIONS
202	Electron-Positron Outflow from Black Holes. <i>Physical Review Letters</i> , 2000, 84, 3752-3755.	2.9	23
203	Shear-flow driven current filamentation: Two-dimensional magnetohydrodynamic-simulations. <i>Physics of Plasmas</i> , 2000, 7, 5159-5170.	0.7	6
204	Relativistic MHD Simulations Using a Godunov-type Method. , 2001, , 519-526.		5
205	Magnetohydrodynamic Production of Relativistic Jets. <i>Science</i> , 2001, 291, 84-92.	6.0	343
206	Gamma- γ Bursts: Kurzzeitig am Himmel aufleuchtende intensive Gammastrahlungsquellen sind ein aktueller Forschungsschwerpunkt der relativistischen Astrophysik. <i>Physik Journal</i> , 2001, 57, 47-52.	0.1	0
207	Are all radio galaxies genuine ellipticals?. <i>Astronomy and Astrophysics</i> , 2001, 375, 791-796.	2.1	30
208	Why AGN Studies Need Higher Resolution. Symposium - International Astronomical Union, 2001, 205, 1-9.	0.1	0
209	The Association of Jet Production with Geometrically Thick Accretion Flows and Black Hole Rotation. <i>Astrophysical Journal</i> , 2001, 548, L9-L12.	1.6	280
210	A Rapid X-ray Flare in the Radio-Cloud Narrow-Line Quasar PKS 0558+504. <i>Astrophysical Journal</i> , 2001, 554, 233-239.	1.6	25
211	Self-similar Hot Accretion Flow onto a Neutron Star. <i>Astrophysical Journal</i> , 2001, 554, 1255-1267.	1.6	51
212	A Study of 3CR Radio Galaxies from $z=0.15$ to $z=0.65$. I. Evidence for an Evolutionary Relationship Between Quasars and Radio Galaxies. <i>Astronomical Journal</i> , 2001, 122, 2874-2892.	1.9	19
213	Hyper- and Suspended-Accretion States of Rotating Black Holes and the Durations of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2001, 552, L31-L34.	1.6	51
214	On a MHD classification of AGN. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
215	UHECR production and curvature TeV emission in nearby, dormant AGNs. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	1
216	Magnetohydrodynamic simulations of black hole accretion. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
217	Supernovae, Jets, and Collapsars. <i>Astrophysical Journal</i> , 2001, 550, 410-425.	1.6	592
218	A possible energy mechanism for cosmological γ -ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, 235-240.	1.6	17
219	The relation between extended radio and line emission for radio-loud quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, 347-354.	1.6	36

#	ARTICLE	IF	CITATIONS
220	Relation between blue/ultraviolet continuum shape and the ratio of radio-to-optical emission for B3-VLA quasars. Monthly Notices of the Royal Astronomical Society, 2001, 321, 369-371.	1.6	3
221	On the peak radio and X-ray emission from neutron star and black hole candidate X-ray transients. Monthly Notices of the Royal Astronomical Society, 2001, 324, 923-930.	1.6	110
222	Electric charge and magnetic flux on rotating black holes in a force-free magnetosphere. Monthly Notices of the Royal Astronomical Society, 2001, 324, 781-784.	1.6	20
223	Magnetically collimated jets with high mass flux. Monthly Notices of the Royal Astronomical Society, 2001, 325, 249-256.	1.6	28
224	On the masses of black holes in radio-loud quasars. Monthly Notices of the Royal Astronomical Society, 2001, 327, 1111-1115.	1.6	110
225	Direct numerical simulations of the Blandford-Znajek effect. Monthly Notices of the Royal Astronomical Society, 2001, 326, L41-L44.	1.6	142
226	Newtonian hydrodynamics of the coalescence of black holes with neutron stars - IV. Irrotational binaries with a soft equation of state. Monthly Notices of the Royal Astronomical Society, 2001, 328, 583-600.	1.6	114
227	Precessing jets interacting with interstellar material as the origin for the light curves of gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2001, 328, 951-957.	1.6	5
228	XMM-EPIC observation of MCG-6-30-15: direct evidence for the extraction of energy from a spinning black hole?. Monthly Notices of the Royal Astronomical Society, 2001, 328, L27-L31.	1.6	283
229	Advective accretion disks and related problems including magnetic fields. New Astronomy Reviews, 2001, 45, 663-742.	5.2	78
230	How do $\tilde{\gamma}$ -ray bursts associated with supernovae avoid baryon contamination?. Astroparticle Physics, 2001, 16, 67-74.	1.9	7
231	The Continuous Jets of Cygnus X-1. Astrophysics and Space Science, 2001, 276, 255-258.	0.5	4
232	Relativistic Jet Formation in Microquasars. Astrophysics and Space Science, 2001, 276, 245-252.	0.5	1
233	Microquasars: Open Questions and Future Perspectives. Astrophysics and Space Science, 2001, 276, 319-327.	0.5	8
234	Jets from Young Stars and Compact Objects Environments. Astrophysics and Space Science, 2001, 277, 225-234.	0.5	0
235	Gamma-ray bursts: LIGO/VIRGO sources of gravitational radiation. Physics Reports, 2001, 345, 1-59.	10.3	60
236	Wolf-Rayet stars and cosmic gamma-ray bursts. Astronomy Reports, 2001, 45, 517-526.	0.2	7
237	Axial magnetostatics of a ring current in a Kerr field. Journal of Experimental and Theoretical Physics, 2001, 93, 920-925.	0.2	0

#	ARTICLE	IF	CITATIONS
238	Discovery of Hidden Blazars. Science, 2001, 292, 2050-2053.	6.0	3
239	Specifying the Environments around GRB, Explaining the Fe Line in the X-Ray Afterglow of GRB 000214. Publication of the Astronomical Society of Japan, 2001, 53, 579-587.	1.0	3
240	Some Interesting Behaviour of Accreting Particles in the Gap Region of Black Hole Accretion Discs. Chinese Physics Letters, 2001, 18, 705-707.	1.3	0
241	Gamma-Ray Bursts: Afterglows and Central Engines. Research in Astronomy and Astrophysics, 2001, 1, 1-20.	1.1	41
242	Magnetic Coupling of a Rotating Black Hole with the Surrounding Accretion Disc. Chinese Physics Letters, 2001, 18, 1150-1152.	1.3	4
243	Investigation on the Quasi-Cycle of Black Hole Spin. Chinese Physics Letters, 2001, 18, 466-468.	1.3	1
244	Electron-positron jets from a critically magnetized black hole. Physical Review D, 2001, 63, .	1.6	6
245	Screw instability in black hole magnetospheres and a stabilizing effect of field-line rotation. Physical Review D, 2001, 64, .	1.6	54
246	Toy model for a two-dimensional accretion disk dominated by Poynting flux. Physical Review D, 2001, 64, .	1.6	5
247	Znajek-Damour horizon boundary conditions with Born-Infeld electrodynamics. Physical Review D, 2001, 63, .	1.6	3
248	Nonvanishing magnetic flux through the slightly charged Kerr black hole. Physical Review D, 2001, 63, .	1.6	10
249	Toy model for the magnetic connection between a black hole and a disk. Physical Review D, 2002, 65, .	1.6	13
251	GAMMA-RAY BURSTS. International Journal of Modern Physics A, 2002, 17, 2727-2731.	0.5	5
252	ASTRONOMY: Black Holes Reveal Their Innermost Secrets. Science, 2002, 297, 947-948.	6.0	2
253	STATIONARY VERSUS NONSTATIONARY FORCE-FREE BLACK HOLE MAGNETOSPHERES. , 2002, , .		0
254	A Unified Model of Magnetic Extraction of Spin Energy from a Black Hole. Chinese Physics Letters, 2002, 19, 605-607.	1.3	6
255	Parameter Space for Evolution of Black Hole Systems and Gamma-Ray Bursts. Chinese Physics Letters, 2002, 19, 1730-1733.	1.3	0
256	Extraction of Black Hole Rotational Energy by a Magnetic Field and the Formation of Relativistic Jets. Science, 2002, 295, 1688-1691.	6.0	176

#	ARTICLE	IF	CITATIONS
257	Energy Confinement for a Relativistic Magnetic Flux Tube in the Ergosphere of a Kerr Black Hole. <i>Physica Scripta</i> , 2002, 65, 13-24.	1.2	13
258	The Effect of Radiation Drag on Relativistic Bulk Flows in Active Galactic Nuclei. <i>Publications of the Astronomical Society of Australia</i> , 2002, 19, 122-124.	1.3	0
259	TOWARDS GRAVITATING DISCS AROUND STATIONARY BLACK HOLES. , 2002, , 111-160.		8
260	Jet Collimation by Small-Scale Magnetic Fields. <i>Astrophysical Journal</i> , 2002, 564, 108-112.	1.6	17
261	Neutrino Trapping and Accretion Models for Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2002, 579, 706-715.	1.6	282
262	Hot Settling Accretion Flow onto a Spinning Black Hole. <i>Astrophysical Journal</i> , 2002, 581, 431-437.	1.6	5
263	X-Ray Spectra of Intermediate-Luminosity, Radio-Loud Quasars. <i>Astrophysical Journal</i> , 2002, 575, 127-136.	1.6	18
264	An Analytic Model of Black Hole Evolution and Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2002, 580, 358-367.	1.6	7
265	Cosmological Aspects of Gamma-Ray Bursts: Luminosity Evolution and an Estimate of the Star Formation Rate at High Redshifts. <i>Astrophysical Journal</i> , 2002, 574, 554-565.	1.6	124
266	The evolution and explosion of massive stars. <i>Reviews of Modern Physics</i> , 2002, 74, 1015-1071.	16.4	1,648
267	Polarization tensors in strong magnetic fields. <i>Physical Review D</i> , 2002, 65, .	1.6	23
268	Theories of Gamma-Ray Bursts. <i>Annual Review of Astronomy and Astrophysics</i> , 2002, 40, 137-169.	8.1	611
269	Measuring Spacetime: From the Big Bang to Black Holes. <i>Science</i> , 2002, 296, 1427-1433.	6.0	28
270	Spin-induced Disk Precession in the Supermassive Black Hole at the Galactic Center. <i>Astrophysical Journal</i> , 2002, 573, L23-L26.	1.6	50
271	Observational signatures of the magnetic connection between a black hole and a disk. <i>Astronomy and Astrophysics</i> , 2002, 392, 469-472.	2.1	48
272	On the origin of the broad, relativistic iron line of MCG 6-30-15 observed by XMM-Newton. <i>Astronomy and Astrophysics</i> , 2002, 383, L23-L26.	2.1	56
273	Quark stars as inner engines for Gamma ray bursts?. <i>Astronomy and Astrophysics</i> , 2002, 387, 725-732.	2.1	31
274	Accretion-ejection instability and QPO in black-hole binaries. <i>Astronomy and Astrophysics</i> , 2002, 387, 497-506.	2.1	36

#	ARTICLE	IF	CITATIONS
275	Accretion Disks around Black Holes: Dynamical Evolution, Meridional Circulations, and Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2002, 577, 893-903.	1.6	54
276	Cosmological Studies from Radio Source Samples. Symposium - International Astronomical Union, 2002, 199, 34-49.	0.1	1
277	Poynting Jets from Accretion Disks. <i>Astrophysical Journal</i> , 2002, 572, 445-455.	1.6	98
278	Discovery of a Black Hole Mass-Period Correlation in Soft X-Ray Transients and Its Implication for Gamma-Ray Burst and Hypernova Mechanisms. <i>Astrophysical Journal</i> , 2002, 575, 996-1006.	1.6	62
279	State-Space Based Approach to Particle Creation in Spatially Uniform Electric Fields. <i>Annals of Physics</i> , 2002, 297, 315-343.	1.0	5
280	The anisotropy of the ultra-high energy cosmic rays. <i>Astroparticle Physics</i> , 2002, 17, 319-340.	1.9	29
281	Constraining the central engine of radio-loud AGNs. <i>New Astronomy Reviews</i> , 2002, 46, 215-220.	5.2	12
282	Variability investigation of quasars 4C38.41 and 3C345 at 92cm: additional 14 observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 344-348.	1.6	2
283	The growth history of supermassive black holes and the origin of the radio-loud-radio-quiet dichotomy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 333, 353-359.	1.6	13
284	Relation between radio core length and black hole mass for active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 331, 111-116.	1.6	17
285	Coronal outflow dominated accretion discs: a new possibility for low-luminosity black holes?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 165-175.	1.6	156
286	Time-dependent, force-free, degenerate electrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 759-766.	1.6	131
287	The jet power extracted from a magnetized accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 999-1004.	1.6	25
288	On the hard X-ray spectra of radio-loud active galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, L45-L49.	1.6	38
289	The runaway instability of thick discs around black holes - I. The constant angular momentum case. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 334, 383-400.	1.6	117
290	Evolution characteristics of the central black hole of a magnetized accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 655-664.	1.6	109
291	Motion of charged particles around a rotating black hole in a magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 241-248.	1.6	116
292	Hydromagnetic stability of a slim disc in a stationary geometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 337, 795-807.	1.6	7

#	ARTICLE	IF	CITATIONS
293	The expected thermal precursors of gamma-ray bursts in the internal shock model. Monthly Notices of the Royal Astronomical Society, 2002, 336, 1271-1280.	1.6	150
294	On the misalignment of jets in microquasars. Monthly Notices of the Royal Astronomical Society, 2002, 336, 1371-1376.	1.6	126
295	Jets, winds and bursts from coalescing neutron stars. Monthly Notices of the Royal Astronomical Society, 2002, 336, L7-L11.	1.6	90
296	The evolution and efficiency of energy release of magnetized black-hole accretion disks. Chinese Astronomy and Astrophysics, 2002, 26, 386-397.	0.1	0
297	An induction accelerator of cosmic rays on the axis of an accretion disk. Astronomy Reports, 2002, 46, 639-645.	0.2	5
298	Beam models for gamma-ray bursts sources: outflow structure, kinematics and emission mechanisms. New Astronomy, 2002, 7, 197-210.	0.8	52
299	Grand unification of AGN and the accretion and spin paradigms. New Astronomy Reviews, 2002, 46, 247-255.	5.2	51
300	Connections between jet physics and the properties of radio-loud and radio-quiet galaxies. New Astronomy Reviews, 2002, 46, 365-379.	5.2	13
301	Two Mechanisms for Extracting Energy and Angular Momentum from a Rotating Black Hole. General Relativity and Gravitation, 2002, 34, 619-632.	0.7	2
302	Chaos in Black Holes Surrounded by Electromagnetic Fields. General Relativity and Gravitation, 2002, 34, 1107-1119.	0.7	11
303	Letter: Wave Equations for the Perturbations of a Charged Black Hole. General Relativity and Gravitation, 2003, 35, 1291-1297.	0.7	0
304	From T Tauri Stars to Black Holes: classical and relativistic models of jets. Astrophysics and Space Science, 2003, 287, 241-244.	0.5	0
305	The growth history of giant black holes and the radio dichotomy of quasars. New Astronomy Reviews, 2003, 47, 193-197.	5.2	1
306	On the energetics and composition of jets. New Astronomy Reviews, 2003, 47, 525-528.	5.2	2
307	On the connection between radio jet morphology and accretion disk state. New Astronomy Reviews, 2003, 47, 689-691.	5.2	0
308	Radiation fields of disk, BLR and torus in quasars and blazars: implications for $\hat{\Gamma}^3$ -ray absorption. Astroparticle Physics, 2003, 18, 377-393.	1.9	84
309	Gamma-ray burst neutrino background and star formation history in the universe. Astroparticle Physics, 2003, 18, 551-564.	1.9	18
310	BL Lac objects in the synchrotron proton blazar model. Astroparticle Physics, 2003, 18, 593-613.	1.9	434

#	ARTICLE	IF	CITATIONS
311	A Fundamental Plane of black hole activity. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1057-1076.	1.6	977
312	High-resolution calculations of merging neutron stars - III. Gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1077-1090.	1.6	241
313	Optical monitoring of the quasar 4C 38.41. Monthly Notices of the Royal Astronomical Society, 2003, 346, 483-488.	1.6	7
314	The disc-jet relation in strong-lined blazars. Monthly Notices of the Royal Astronomical Society, 2003, 339, 1081-1094.	1.6	39
315	A comparison of the acceleration mechanisms in young stellar objects and active galactic nuclei jets. Monthly Notices of the Royal Astronomical Society, 2003, 339, 1223-1236.	1.6	20
316	A fireworks model for gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2003, 339, L17-L21.	1.6	3
317	On why discs generate magnetic towers and collimate jets. Monthly Notices of the Royal Astronomical Society, 2003, 341, 1360-1372.	1.6	187
318	A two-component ionized reflection model of MCG-6-30-15. Monthly Notices of the Royal Astronomical Society, 2003, 342, 239-248.	1.6	52
319	Transfer of energy and angular momentum in the magnetic coupling between a rotating black hole and the surrounding accretion disc. Monthly Notices of the Royal Astronomical Society, 2003, 342, 851-860.	1.6	38
320	Iron $K\alpha$ line profiles and the inner boundary condition of accretion flows. Monthly Notices of the Royal Astronomical Society, 2003, 342, 951-961.	1.6	23
321	On the origin of the X-ray emission from a narrow-line radio quasar at $z > 1$. Monthly Notices of the Royal Astronomical Society, 2003, 343, 137-142.	1.6	1
322	Host galaxies and black hole masses of low- and high-luminosity radio-loud active nuclei. Monthly Notices of the Royal Astronomical Society, 2003, 343, 505-511.	1.6	40
323	An analytic model of a rotating hotspot and kilohertz quasi-periodic oscillations in X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2003, 344, 473-480.	1.6	15
324	The non-linear dependence of flux on black hole mass and accretion rate in core-dominated jets. Monthly Notices of the Royal Astronomical Society, 2003, 343, L59-L64.	1.6	328
325	The lack of variability of the iron line in MCG-6-30-15: general relativistic effects. Monthly Notices of the Royal Astronomical Society, 2003, 344, L22-L26.	1.6	163
326	The connection between radio-quiet active galactic nuclei and the high/soft state of X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2003, 345, L19-L24.	1.6	151
327	Polarization of the prompt $\hat{\gamma}$ -ray emission from the $\hat{\gamma}$ -ray burst of 6 December 2002. Nature, 2003, 423, 415-417.	13.7	321
328	Experimental entanglement purification of arbitrary unknown states. Nature, 2003, 423, 417-422.	13.7	423

#	ARTICLE	IF	CITATIONS
329	Unipolar induction of a magnetized accretion disk around a black hole. <i>Astronomy Letters</i> , 2003, 29, 153-157.	0.1	4
330	Fluorescent iron lines as a probe of astrophysical black hole systems. <i>Physics Reports</i> , 2003, 377, 389-466.	10.3	376
331	Particle acceleration and formation of jets in the cores of active galactic nuclei. <i>New Astronomy Reviews</i> , 2003, 47, 693-696.	5.2	12
332	The theory and simulation of relativistic jet formation: towards a unified model for micro- and macroquasars. <i>New Astronomy Reviews</i> , 2003, 47, 667-672.	5.2	87
333	Astrophysics in 2002. <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 514-591.	1.0	8
334	A Relativistic Disk in Sagittarius A*. <i>Astronomische Nachrichten</i> , 2003, 324, 475-481.	0.6	2
335	Evidence for Black Holes. <i>Science</i> , 2003, 300, 1898-1903.	6.0	48
336	Magnetic extraction of black hole rotational energy: Method and results of general relativistic magnetohydrodynamic simulations in Kerr space-time. <i>Physical Review D</i> , 2003, 67, .	1.6	67
337	Galaxies and the magnetization of intergalactic space. <i>Physics of Plasmas</i> , 2003, 10, 1985-1991.	0.7	12
338	ON THE THEORY OF GAMMA RAY BURSTS AND HYPERNOVAE: THE BLACK HOLE SOFT X-RAY TRANSIENT SOURCES. <i>International Journal of Modern Physics A</i> , 2003, 18, 527-576.	0.5	4
339	STELLAR COLLAPSE. <i>International Journal of Modern Physics D</i> , 2003, 12, 1795-1835.	0.9	12
340	Magnetically Arrested Disk: an Energetically Efficient Accretion Flow. <i>Publication of the Astronomical Society of Japan</i> , 2003, 55, L69-L72.	1.0	436
341	A Possible Signature of Connection between Blazars and Seyfert Galaxies. <i>Publication of the Astronomical Society of Japan</i> , 2003, 55, 947-951.	1.0	0
342	Search for black holes. <i>Physics-Uspexhi</i> , 2003, 46, 335-371.	0.8	35
343	Coexistence of Two Mechanisms for Extracting Energy from a Rotating Black Hole. <i>Chinese Physics Letters</i> , 2003, 20, 1644-1647.	1.3	3
344	Magnetic alignment process: a new mechanism for extracting energy from rotating black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2003, 2003, 001-001.	1.9	4
345	Cosmic Gamma-Ray Bursts: The Big Picture. <i>Research in Astronomy and Astrophysics</i> , 2003, 3, 431-438.	1.1	1
346	Accretion onto the Supermassive Black Hole in M87. <i>Astrophysical Journal</i> , 2003, 582, 133-140.	1.6	261

#	ARTICLE	IF	CITATIONS
347	AGN Jet Interactions with the Intracluster Medium. <i>Research in Astronomy and Astrophysics</i> , 2003, 3, 137-146.	1.1	4
348	Magnetized orbits around a Schwarzschild black hole. <i>Classical and Quantum Gravity</i> , 2003, 20, 469-481.	1.5	64
349	Axisymmetric steady flows in astrophysics. <i>Physics-Uspexhi</i> , 2003, 46, 1209-1214.	0.8	8
350	Magnetic Coupling of a Rotating Black Hole with Its Surrounding Accretion Disk. <i>Astrophysical Journal</i> , 2003, 595, 109-119.	1.6	57
351	HARM: A Numerical Scheme for General Relativistic Magnetohydrodynamics. <i>Astrophysical Journal</i> , 2003, 589, 444-457.	1.6	569
352	X-ray Flares and Oscillations from the Black Hole Candidate X-ray Transient XTE J1650-500 at Low Luminosity. <i>Astrophysical Journal</i> , 2003, 592, 1100-1109.	1.6	31
353	Masses, Dimensionless Kerr Parameters, and Emission Regions in GeV Gamma-Ray-loud Blazars. <i>Astronomical Journal</i> , 2003, 126, 2108-2113.	1.9	10
354	The X-ray "faint" Emission of the Supermassive Nuclear Black Hole of IC 1459. <i>Astrophysical Journal</i> , 2003, 588, 175-185.	1.6	50
355	Relativistic Magnetohydrodynamics with Application to Gamma-ray Burst Outflows. I. Theory and Semianalytic Trans-Alfvenic Solutions. <i>Astrophysical Journal</i> , 2003, 596, 1080-1103.	1.6	189
356	Bipolar Supernova Explosions: Nucleosynthesis and Implications for Abundances in Extremely Metal-poor Stars. <i>Astrophysical Journal</i> , 2003, 598, 1163-1200.	1.6	213
357	Jet Formation in BL Lacertae Objects with Different Accretion Modes. <i>Astrophysical Journal</i> , 2003, 599, 147-154.	1.6	51
358	Explosive Nucleosynthesis Associated with Formation of Jet-induced Gamma-ray Bursts in Massive Stars. <i>Astrophysical Journal</i> , 2003, 596, 401-413.	1.6	39
359	Stellar-mass Black Holes in the Solar Neighborhood. <i>Astrophysical Journal</i> , 2003, 596, 437-450.	1.6	19
360	Resolved Jets and Long-period Black Hole X-ray Novae. <i>Astrophysical Journal</i> , 2003, 591, 388-396.	1.6	23
361	The Jet-Disk Connection and Blazar Unification. <i>Astrophysical Journal</i> , 2003, 593, 667-675.	1.6	210
362	Numerical Hydrodynamics in General Relativity. <i>Living Reviews in Relativity</i> , 2003, 6, 4.	8.2	153
363	Numerical Hydrodynamics in Special Relativity. <i>Living Reviews in Relativity</i> , 2003, 6, 7.	8.2	184
364	Geometrically Thin Disk Accreting into a Black Hole. <i>Astrophysical Journal</i> , 2003, 592, 354-367.	1.6	75

#	ARTICLE	IF	CITATIONS
365	AnXMM&NewtonandChandraInvestigation of the Nuclear Accretion in the Sombrero Galaxy (NGC 4594). Astrophysical Journal, 2003, 597, 175-185.	1.6	38
366	Theory and Astrophysical Consequences of a Magnetized Torus around a Rapidly Rotating Black Hole. Astrophysical Journal, 2003, 584, 937-953.	1.6	71
367	Poynting Flux Dominated Black Hole-Accretion Disk System as GRB Power House. Symposium - International Astronomical Union, 2003, 214, 323-330.	0.1	0
368	Signs and Consequences of a Supernova "Gamma-Ray Burst Association. AIP Conference Proceedings, 2003, , .	0.3	0
370	A model for the jet-disk connection in BH accreting systems. Astronomy and Astrophysics, 2003, 408, 415-430.	2.1	20
371	Extraction of Black Hole Rotational Energy by a Magnetic Field. Symposium - International Astronomical Union, 2003, 214, 87-90.	0.1	0
372	The central engines of radio-loud quasars. Astronomy and Astrophysics, 2003, 409, 887-898.	2.1	29
373	M87 as a misaligned synchrotron-proton blazar. Astronomy and Astrophysics, 2004, 419, 89-98.	2.1	50
374	MHD supernova jets: the missing link. , 2004, , 219-230.		1
375	A model for electromagnetic extraction of rotational energy and formation of accretion-powered jets in radio galaxies. Astronomy and Astrophysics, 2004, 416, 423-435.	2.1	13
376	Electromagnetic Quantities in Black Hole Magnetosphere. Chinese Physics Letters, 2004, 21, 764-766.	1.3	0
377	Connection Between Screw-Instability in Black Hole Magnetosphere and Pairs of High-Frequency Quasi-Periodic Oscillations. Chinese Physics Letters, 2004, 21, 1405-1408.	1.3	1
378	Magnetic Extraction of Energy from Accretion Disc Around a Rotating Black Hole. Chinese Physics Letters, 2004, 21, 1861-1864.	1.3	3
379	Force-free magnetohydrodynamic waves: Nonlinear interactions and effects of strong gravity. Physical Review D, 2004, 70, .	1.6	8
380	Two-dimensional Poynting flux dominated flow onto a Schwarzschild black hole. Physical Review D, 2004, 70, .	1.6	5
381	Black-hole bomb and superradiant instabilities. Physical Review D, 2004, 70, .	1.6	242
382	Energetics of a Black Hole-Accretion Disk System with Magnetic Connection: Limit of Low Accretion Rate. Publication of the Astronomical Society of Japan, 2004, 56, 685-703.	1.0	6
383	ASTRONOMY: Watching Black Holes Spin. Science, 2004, 303, 1480-1481.	6.0	0

#	ARTICLE	IF	CITATIONS
384	GAMMA-RAY BURSTS: PROGRESS, PROBLEMS & PROSPECTS. International Journal of Modern Physics A, 2004, 19, 2385-2472.	0.5	657
385	Collimated Escaping Vortical Polare ^e +Jets Intrinsically Produced by Rotating Black Holes and Penrose Processes. Astrophysical Journal, 2004, 611, 952-963.	1.6	21
386	Screw Instability in Black Hole Magnetosphere and kHz QPOs in X-Ray Binaries. Chinese Physics Letters, 2004, 21, 25-28.	1.3	2
387	Radiation drag effects on magnetically dominated outflows around compact objects. Monthly Notices of the Royal Astronomical Society, 2004, 347, 587-600.	1.6	21
388	Heating cooling flows with jets. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1105-1119.	1.6	195
389	Formation rates of core-collapse supernovae and gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1215-1228.	1.6	136
390	On the deep minimum state in the Seyfert galaxy MCG ⁶ -30-15. Monthly Notices of the Royal Astronomical Society, 2004, 349, 1153-1166.	1.6	40
391	Electrodynamics of black hole magnetospheres. Monthly Notices of the Royal Astronomical Society, 2004, 350, 427-448.	1.6	177
392	No evidence for a different accretion mode for all 3CR FR I radio galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 349, 1419-1427.	1.6	51
393	A light bending model for the X-ray temporal and spectral properties of accreting black holes. Monthly Notices of the Royal Astronomical Society, 2004, 349, 1435-1448.	1.6	412
394	General relativistic magnetohydrodynamic simulations of monopole magnetospheres of black holes. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1431-1436.	1.6	124
395	Equilibria of a self-gravitating, rotating disc around a magnetized compact object. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1437-1444.	1.6	14
396	Jet-disc coupling through a common energy reservoir in the black hole XTE J1118+480. Monthly Notices of the Royal Astronomical Society, 2004, 351, 253-264.	1.6	113
397	A transition in the accretion properties of radio-loud active nuclei. Monthly Notices of the Royal Astronomical Society, 2004, 351, 733-744.	1.6	96
398	Evolution of a neutrino-cooled disc in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2004, 355, 950-958.	1.6	77
399	Towards a unified model for black hole X-ray binary jets. Monthly Notices of the Royal Astronomical Society, 2004, 355, 1105-1118.	1.6	1,021
400	A method for estimating the distances of extragalactic radio sources with jets using VLBI. Astronomy Reports, 2004, 48, 699-704.	0.2	2
401	A Unified View of Relativistic Jets. Astrophysics and Space Science, 2004, 294, 101-108.	0.5	1

#	ARTICLE	IF	CITATIONS
402	TeV blazars – observations and models. <i>New Astronomy Reviews</i> , 2004, 48, 367-373.	5.2	34
403	Relativistic jets. <i>New Astronomy Reviews</i> , 2004, 48, 1151-1155.	5.2	5
404	A toy model for magnetic extraction of energy from black hole accretion disk. <i>New Astronomy</i> , 2004, 9, 585-597.	0.8	5
405	Angular momentum of massive black holes. <i>New Astronomy</i> , 2004, 10, 157-161.	0.8	1
406	Magnetically Driven Accretion Flows in the Kerr Metric. II. Structure of the Magnetic Field. <i>Astrophysical Journal</i> , 2004, 606, 1083-1097.	1.6	156
407	Astrophysical origins of ultrahigh energy cosmic rays. <i>Reports on Progress in Physics</i> , 2004, 67, 1663-1730.	8.1	97
408	Evidence of Black Hole Spin in GX 339-4: XMM-Newton /EPIC-pn and RXTE Spectroscopy of the Very High State. <i>Astrophysical Journal</i> , 2004, 606, L131-L134.	1.6	114
409	Quasar Feedback: The Missing Link in Structure Formation. <i>Astrophysical Journal</i> , 2004, 608, 62-79.	1.6	255
410	Black Hole Spin Evolution. <i>Astrophysical Journal</i> , 2004, 602, 312-319.	1.6	255
411	The Origins of Causality Violations in Force-free Simulations of Black Hole Magnetospheres. <i>Astrophysical Journal</i> , 2004, 601, L135-L138.	1.6	5
412	Isothermal Shock Formation in Nonequatorial Accretion Flows around Kerr Black Holes. <i>Astrophysical Journal</i> , 2004, 611, 964-976.	1.6	47
413	Gamma-Ray Burst Polarization: Limits from RHESSI Measurements. <i>Astrophysical Journal</i> , 2004, 613, 1088-1100.	1.6	105
414	General Relativistic Magnetohydrodynamic Simulations of Collapsars: Rotating Black Hole Cases. <i>Astrophysical Journal</i> , 2004, 615, 389-401.	1.6	50
415	Screw Instability of the Magnetic Field Connecting a Rotating Black Hole with Its Surrounding Disk. <i>Astrophysical Journal</i> , 2004, 601, 1031-1037.	1.6	18
416	Opaque or Transparent? A Link between Neutrino Optical Depths and the Characteristic Duration of Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2004, 608, L5-L8.	1.6	68
417	Magnetic Floods: A Scenario for the Variability of the Microquasar GRS 1915+105. <i>Astrophysical Journal</i> , 2004, 607, 410-419.	1.6	40
418	The Additional Line Component within the Iron $K\alpha$ Profile in MCG +6-30-15: Evidence for Blob Ejection?. <i>Astrophysical Journal</i> , 2004, 609, 107-112.	1.6	1
419	X-Ray Triple Rings around the M87 Jets in the Central Virgo Cluster. <i>Astrophysical Journal</i> , 2004, 607, L95-L98.	1.6	6

#	ARTICLE	IF	CITATIONS
420	The Connection between Jets, Accretion Disks, and Black Hole Mass in Blazars. <i>Astrophysical Journal</i> , 2004, 615, L9-L12.	1.6	87
421	Giant Radio Galaxies and Cosmic-Ray Acceleration. <i>Astrophysical Journal</i> , 2004, 604, L77-L80.	1.6	44
422	On Time Evolution and Causality of Force-free Black Hole Magnetospheres. <i>Astrophysical Journal</i> , 2004, 608, 411-417.	1.6	4
423	Average Ultraviolet Quasar Spectra in the Context of Eigenvector 1: A Baldwin Effect Governed by the Eddington Ratio?. <i>Astrophysical Journal</i> , 2004, 617, 171-183.	1.6	96
424	Turbulent Comptonization in Black Hole Accretion Disks. <i>Astrophysical Journal</i> , 2004, 601, 405-413.	1.6	51
425	Force-free Magnetosphere of an Accretion Disk around a Black Hole System. I. Schwarzschild Geometry. <i>Astrophysical Journal</i> , 2004, 603, 652-662.	1.6	38
426	The Harmonic Structure of High-Frequency Quasi-Periodic Oscillations in Accreting Black Holes. <i>Astrophysical Journal</i> , 2004, 606, 1098-1111.	1.6	88
427	Distribution of Faraday Rotation Measure in Jets from Active Galactic Nuclei. II. Prediction from Our Sweeping Magnetic Twist Model for the Wiggled Parts of Active Galactic Nucleus Jets and Tails. <i>Astrophysical Journal</i> , 2004, 608, 119-135.	1.6	9
428	Are the Jets Accelerated from the Disk Coronas in Some Active Galactic Nuclei?. <i>Astrophysical Journal</i> , 2004, 613, 716-724.	1.6	19
429	A Measurement of the Electromagnetic Luminosity of a Kerr Black Hole. <i>Astrophysical Journal</i> , 2004, 611, 977-995.	1.6	470
430	Relativistic emission lines from accreting black holes. <i>Astronomy and Astrophysics</i> , 2004, 413, 861-878.	2.1	34
431	Magnetically Driven Accretion in the Kerr Metric. III. Unbound Outflows. <i>Astrophysical Journal</i> , 2005, 620, 878-888.	1.6	214
432	Sporadically Torqued Accretion Disks around Black Holes. <i>Astrophysical Journal</i> , 2005, 624, 94-102.	1.6	5
433	Dynamical Evolution of Neutrino-cooled Accretion Disks: Detailed Microphysics, Lepton-driven Convection, and Global Energetics. <i>Astrophysical Journal</i> , 2005, 632, 421-437.	1.6	161
434	Precursors and Main Bursts of Gamma-Ray Bursts in a Hypernova Scenario. <i>Astrophysical Journal</i> , 2005, 633, L17-L20.	1.6	21
435	Evidence of an Untruncated Accretion Disk in the Broad-Line Radio Galaxy 4C 74.26. <i>Astrophysical Journal</i> , 2005, 622, L97-L100.	1.6	24
436	Analytic Solutions to the Constraint Equation for a Force-free Magnetosphere around a Kerr Black Hole. <i>Astrophysical Journal</i> , 2005, 635, 1197-1202.	1.6	25
437	A Toy Model for Gamma-Ray Bursts in Type Ib/c Supernovae. <i>Astrophysical Journal</i> , 2005, 619, 420-426.	1.6	24

#	ARTICLE	IF	CITATIONS
438	A General Relativistic Magnetohydrodynamic Simulation of Jet Formation. <i>Astrophysical Journal</i> , 2005, 625, 60-71.	1.6	51
439	Simulations of Relativistic Force-free Magnetohydrodynamic Turbulence. <i>Astrophysical Journal</i> , 2005, 621, 324-327.	1.6	44
440	Force-free Magnetosphere of an Accretion Disk in Black Hole System. II. Kerr Geometry. <i>Astrophysical Journal</i> , 2005, 620, 889-904.	1.6	75
441	Total and Jet Blandford-Znajek Power in the Presence of an Accretion Disk. <i>Astrophysical Journal</i> , 2005, 630, L5-L8.	1.6	213
442	Host Galaxy Evolution in Radio-loud Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2005, 627, 97-124.	1.6	21
443	Iron Fluorescent Line Emission from Black Hole Accretion Disks with Magnetic Reconnection in heated Corona. <i>Astrophysical Journal</i> , 2005, 635, 167-172.	1.6	6
444	Linearly Polarized X-Ray Flares following Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2005, 635, L129-L132.	1.6	77
445	The orbital resonance model for twin peak kHz quasi periodic oscillations in microquasars. <i>Astronomy and Astrophysics</i> , 2005, 436, 1-8.	2.1	165
446	Particle Acceleration and the Production of Relativistic Outflows in Advection-dominated Accretion Disks with Shocks. <i>Astrophysical Journal</i> , 2005, 632, 476-498.	1.6	32
447	The Distribution and Cosmic Evolution of Massive Black Hole Spins. <i>Astrophysical Journal</i> , 2005, 620, 69-77.	1.6	277
448	Does the dichotomy of active galactic nuclei depend only on black hole spins?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 1155-1160.	1.6	7
449	The general relativistic magnetohydrodynamic dynamo equation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 892-900.	1.6	24
450	Pulsar magnetospheres: a general relativistic treatment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 998-1018.	1.6	7
451	A model of rotating hotspots for the 3 : 2 frequency ratio of high-frequency quasi-periodic oscillations in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 36-42.	1.6	6
452	Polarization and structure of relativistic parsec-scale AGN jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 869-891.	1.6	189
453	Observations of the Blandford-Znajek process and the magnetohydrodynamic Penrose process in computer simulations of black hole magnetospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 801-808.	1.6	133
454	Radio-loud flares from microquasars and radio-loudness of quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 633-637.	1.6	56
455	Supernovae in helium star-compact object binaries: a possible γ -ray burst mechanism. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 955-964.	1.6	10

#	ARTICLE	IF	CITATIONS
456	Charge neutrality condition of black holes and its application to the disc-jet system. Monthly Notices of the Royal Astronomical Society, 2005, 363, 236-240.	1.6	0
457	Polarization effects in the radiation of magnetized envelopes and extended accretion structures. Astronomy Reports, 2005, 49, 179-189.	0.2	8
458	Constraints on jet X-ray emission in low/hard-state X-ray binaries. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 360, L68-L72.	1.2	34
459	QPO as the Rosetta Stone for understanding black hole accretion. Astronomische Nachrichten, 2005, 326, 782-786.	0.6	27
460	QPOs in microquasars and Sgr A.: measuring the black hole spin. Astronomische Nachrichten, 2005, 326, 856-860.	0.6	21
461	Astrophysical jets and outflows. Advances in Space Research, 2005, 35, 908-924.	1.2	54
462	Black Hole Spin in AGN and GBHCs. Astrophysics and Space Science, 2005, 300, 71-79.	0.5	23
463	Cosmic Gamma-Ray Bursts: The Big Picture. International Astronomical Union Colloquium, 2005, 192, 433-439.	0.1	0
464	Production of the large scale superluminal ejections of the microquasar GRS 1915+105 by violent magnetic reconnection. Astronomy and Astrophysics, 2005, 441, 845-853.	2.1	169
465	Cosmic Gamma-Ray Bursts: The Big Picture. , 2005, , 433-439.		0
466	Forced oscillations in magnetized accretion disks and QPOs. Astronomy and Astrophysics, 2005, 439, 443-459.	2.1	19
467	Black holes in astrophysics. New Journal of Physics, 2005, 7, 199-199.	1.2	164
468	High Energy Phenomena in Active Galactic Nuclei: Relativistic Jets. AIP Conference Proceedings, 2005, , .	0.3	0
469	An Electromagnetic Model for Jet Power from an Advection Dominated Accretion Flow around a Rotating Black Hole. Chinese Physics Letters, 2005, 22, 1293-1295.	1.3	2
470	Jets Accelerated From the Disk Coronae in Active Galactic Nuclei. Research in Astronomy and Astrophysics, 2005, 5, 189-194.	1.1	0
471	Simulating Pairs of HFQPOs from Micro-Quasars with Equivalent Circuit. Research in Astronomy and Astrophysics, 2005, 5, 253-257.	1.1	0
472	Bulk Comptonization of the Cosmic Microwave Background by Extragalactic Jets as a Probe of Their Matter Content. Astrophysical Journal, 2005, 625, 656-666.	1.6	23
473	Effects of Screw Instability on Extracting Energy from a Rotating Black Hole. Chinese Physics Letters, 2005, 22, 1813-1816.	1.3	1

#	ARTICLE	IF	CITATIONS
474	A New Model for Gamma-Ray Burst Powered by the Blandford-Znajek Process. <i>Research in Astronomy and Astrophysics</i> , 2005, 5, 279-283.	1.1	2
475	The Black Hole Mass and Magnetic Field Correlation in Active Galactic Nuclei. <i>Research in Astronomy and Astrophysics</i> , 2005, 5, 347-352.	1.1	23
476	Power of an Axisymmetric Pulsar. <i>Physical Review Letters</i> , 2005, 94, 021101.	2.9	149
477	Quasinormal modes of Kerr-Newman black holes: Coupling of electromagnetic and gravitational perturbations. <i>Physical Review D</i> , 2005, 71, .	1.6	93
478	Black Hole Accretion. <i>Science</i> , 2005, 307, 77-80.	6.0	46
479	A Unified Model for Black Hole X-Ray Binary Jets?. <i>Astrophysics and Space Science</i> , 2005, 300, 1-13.	0.5	20
480	Magnetically induced confinement nearby a Schwarzschild black hole. <i>Physical Review D</i> , 2005, 71, .	1.6	9
481	The physics of gamma-ray bursts. <i>Reviews of Modern Physics</i> , 2005, 76, 1143-1210.	16.4	1,325
482	X-Ray Emission from Extragalactic Jets. <i>Annual Review of Astronomy and Astrophysics</i> , 2006, 44, 463-506.	8.1	207
483	The Supernovaâ€Gamma-Ray Burst Connection. <i>Annual Review of Astronomy and Astrophysics</i> , 2006, 44, 507-556.	8.1	1,330
484	Measuring coalescing massive binary black holes with gravitational waves: The impact of spin-induced precession. <i>Physical Review D</i> , 2006, 74, .	1.6	158
485	X-Ray Properties of Black-Hole Binaries. <i>Annual Review of Astronomy and Astrophysics</i> , 2006, 44, 49-92.	8.1	1,794
486	Neutrino scattering, absorption and annihilation above the accretion discs of gamma ray bursts. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006, 32, 443-462.	1.4	18
487	Jet formation driven by the expansion of magnetic bridges between the ergosphere and the disk around a rapidly rotating black hole. <i>Physical Review D</i> , 2006, 74, .	1.6	30
488	Technical Report: The Fastest Relativistic Jets from Quasars and Active Galactic Nuclei. <i>Synchrotron Radiation News</i> , 2006, 19, 36-42.	0.2	1
489	Precession of neutrino-cooled accretion disks in gamma-ray burst engines. <i>Astronomy and Astrophysics</i> , 2006, 454, 11-16.	2.1	42
490	Nonradial and nonpolytropic astrophysical outflows. <i>Astronomy and Astrophysics</i> , 2006, 447, 797-812.	2.1	28
491	The Jet Power, Radio Loudness, and Black Hole Mass in Radioâ€Cloud Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2006, 637, 669-681.	1.6	129

#	ARTICLE	IF	CITATIONS
492	High-energy astrophysics. , 0, , 269-316.		111
494	Black hole binaries. , 2006, , 157-214.		512
495	The role of kink instability in Poynting-flux dominated jets. <i>Astronomy and Astrophysics</i> , 2006, 450, 887-898.	2.1	146
496	Constraining Black Hole Spin via X-ray Spectroscopy. <i>Astrophysical Journal</i> , 2006, 652, 1028-1043.	1.6	427
497	Standing Shocks in Transmagnetosonic Accretion Flows onto a Black Hole. <i>Astrophysical Journal</i> , 2006, 645, 1408-1420.	1.6	18
498	Numerical 3+1 General Relativistic Magnetohydrodynamics: A Local Characteristic Approach. <i>Astrophysical Journal</i> , 2006, 637, 296-312.	1.6	136
499	The Two-Color Diagram: The "Double-Hump" Behavior at the Radio Band and the Evolution of Blazars. <i>Astronomical Journal</i> , 2006, 131, 1210-1215.	1.9	15
500	Magnetically Driven Jets in the Kerr Metric. <i>Astrophysical Journal</i> , 2006, 641, 103-116.	1.6	273
501	Stopping Cooling Flows with Jets. <i>Astrophysical Journal</i> , 2006, 643, 120-127.	1.6	59
502	General Relativistic Binary Merger Simulations and Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2006, 641, L93-L96.	1.6	84
503	GRB 060121: Implications of a Short-/Intermediate-Duration $\hat{\gamma}$ -Ray Burst at High Redshift. <i>Astrophysical Journal</i> , 2006, 648, L83-L87.	1.6	50
504	Flares in Long and Short Gamma-Ray Bursts: A Common Origin in a Hyperaccreting Accretion Disk. <i>Astrophysical Journal</i> , 2006, 636, L29-L32.	1.6	208
505	Screw Instability of Magnetic Field and Gamma-ray Bursts in Type Ib/c Supernovae. <i>Astrophysical Journal</i> , 2006, 643, 1047-1056.	1.6	8
506	Annihilation Emission from the Galactic Black Hole. <i>Astrophysical Journal</i> , 2006, 645, 1138-1151.	1.6	57
507	Explosive Nucleosynthesis in GRB Jets Accompanied by Hypernovae. <i>Astrophysical Journal</i> , 2006, 647, 1255-1268.	1.6	40
508	Stellar Explosions by Magnetic Towers. <i>Astrophysical Journal</i> , 2006, 647, 1192-1212.	1.6	86
509	Accretion Modes in Collapsars: Prospects for Gamma-ray Burst Production. <i>Astrophysical Journal</i> , 2006, 641, 961-971.	1.6	53
510	The Cosmic Battery Revisited. <i>Astrophysical Journal</i> , 2006, 652, 1451-1456.	1.6	35

#	ARTICLE	IF	CITATIONS
511	Accretionâ€Ejection Instability, MHD Rossby Wave Instability, Diskoseismology, and the Highâ€Frequency QPOs of Microquasars. <i>Astrophysical Journal</i> , 2006, 652, 1457-1465.	1.6	68
512	Deceleration of a Relativistic, Photonâ€rich Shell: End of Preacceleration, Damping of Magnetohydrodynamic Turbulence, and the Emission Mechanism of Gammaâ€Ray Bursts. <i>Astrophysical Journal</i> , 2006, 651, 333-365.	1.6	90
513	The Jetâ€Disk Connection in AGNs:ChandraandXMMâ€NewtonObservations of Three Powerful Radioâ€Loud Quasars. <i>Astrophysical Journal</i> , 2006, 652, 146-156.	1.6	42
514	Structure of Magnetic Tower Jets in Stratified Atmospheres. <i>Astrophysical Journal</i> , 2006, 652, 1059-1067.	1.6	49
515	The Spin of the Nearâ€Extreme Kerr Black Hole GRS 1915+105. <i>Astrophysical Journal</i> , 2006, 652, 518-539.	1.6	467
516	The Afterglow, Energetics, and Host Galaxy of the Shortâ€Hard Gammaâ€Ray Burst 051221a. <i>Astrophysical Journal</i> , 2006, 650, 261-271.	1.6	239
517	Three-dimensional simulations of non-stationary accretion by remnant black holes of compact object mergers. <i>Astronomy and Astrophysics</i> , 2006, 458, 553-567.	2.1	66
518	Jets: black holes and beyond. <i>Astronomy and Geophysics</i> , 2006, 47, 6.29-6.34.	0.1	3
519	The role of black hole mass in quasar radio activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 101-109.	1.6	42
520	External sources of Poynting flux in magnetohydrodynamic simulations of black hole ergospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 29-38.	1.6	4
521	Electron surfing acceleration in oblique magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 865-872.	1.6	8
522	The effective acceleration of plasma outflow in the paraboloidal magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 375-386.	1.6	108
523	General relativistic force-free electrodynamics: a new code and applications to black hole magnetospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1797-1807.	1.6	98
524	Magnetized tori around Kerr black holes: analytic solutions with a toroidal magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 993-1000.	1.6	90
525	Torus formation in neutron star mergers and well-localized short gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 1489-1499.	1.6	79
526	General relativistic magnetohydrodynamic simulations of the jet formation and large-scale propagation from black hole accretion systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 1561-1582.	1.6	490
527	Jet-dominated advective systems: radio and X-ray luminosity dependence on the accretion rate. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 1451-1458.	1.6	131
528	Deep spectroscopy of 9C J1503+4528: a very young compact steep spectrum radio source at $z = 0.521$. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 370, 1585-1598.	1.6	5

#	ARTICLE	IF	CITATIONS
529	Implications of the early X-ray afterglow light curves of Swift gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 370, 1946-1960.	1.6	115
530	Black hole spin in GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 1004-1012.	1.6	84
531	Host galaxy evolution in radio-loud AGN. <i>New Astronomy Reviews</i> , 2006, 50, 789-791.	5.2	0
532	The gravitational-wave spectrum of a non-axisymmetric torus around a rapidly spinning black hole. <i>New Astronomy</i> , 2006, 11, 619-627.	0.8	6
533	Pair production in a strong time-dependent magnetic field: The effect of a strong gravitational field. <i>Astroparticle Physics</i> , 2006, 24, 520-537.	1.9	4
534	Magnetic tunnels (wormholes) in astrophysics. <i>Astronomy Reports</i> , 2006, 50, 601-611.	0.2	25
535	Magnetic fields of extragalactic radio sources: Testing cosmological models. <i>Astronomy Letters</i> , 2006, 32, 215-220.	0.1	0
537	Matter Outflows from AGN: A Unifying Model. <i>Astrophysics and Space Science</i> , 2006, 306, 129-137.	0.5	0
538	Formation of large-scale magnetic-towers in quasars. <i>Astronomische Nachrichten</i> , 2006, 327, 450-453.	0.6	1
539	Light bending models in AGNs. <i>Astronomische Nachrichten</i> , 2006, 327, 969-976.	0.6	4
540	Cosmic black holes - from stellar to supermassive black holes in galaxies. <i>Annalen Der Physik</i> , 2006, 15, 60-74.	0.9	1
541	Energetics of Jet Interactions with the Intracluster Medium. <i>Research in Astronomy and Astrophysics</i> , 2006, 6, 283-291.	1.1	2
542	A Multi-parameter Model for Radio Dichotomy of Active Galactic Nuclei and Jets. <i>Communications in Theoretical Physics</i> , 2006, 45, 379-384.	1.1	0
543	Relativistic MHD and excision: formulation and initial tests. <i>Classical and Quantum Gravity</i> , 2006, 23, S505-S527.	1.5	30
544	Late flares from GRBs – Clues about the Central Engine. <i>AIP Conference Proceedings</i> , 2006, . .	0.3	2
545	ASTRONOMY: Variable High-Energy γ Rays from the Elliptical Galaxy M87. <i>Science</i> , 2006, 314, 1398-1399.	6.0	1
546	Electromagnetic Extraction of Energy from Kerr Black Holes. <i>Publication of the Astronomical Society of Japan</i> , 2006, 58, 1047-1071.	1.0	14
547	Magnetized Hypermassive Neutron-Star Collapse: A Central Engine for Short Gamma-Ray Bursts. <i>Physical Review Letters</i> , 2006, 96, 031102.	2.9	92

#	ARTICLE	IF	CITATIONS
548	Radio-loud Narrow-Line Type 1 Quasars. <i>Astronomical Journal</i> , 2006, 132, 531-545.	1.9	237
549	Gamma-ray bursts. <i>Reports on Progress in Physics</i> , 2006, 69, 2259-2321.	8.1	889
550	POYNTING FLUX DOMINATED ACCRETION FLOW: A TWO-DIMENSIONAL MODEL. <i>Modern Physics Letters A</i> , 2006, 21, 181-196.	0.5	0
551	ASTROPHYSICS OF WORMHOLES. <i>International Journal of Modern Physics D</i> , 2007, 16, 909-926.	0.9	82
552	MOTION OF CHARGED PARTICLES AROUND A FIVE-DIMENSIONAL ROTATING MAGNETIZED BLACK HOLE. <i>International Journal of Modern Physics D</i> , 2007, 16, 1369-1379.	0.9	3
553	THE ACCRETION GEOMETRY IN RADIO-LOUD ACTIVE GALAXIES. <i>Modern Physics Letters A</i> , 2007, 22, 2397-2411.	0.5	23
554	Effects of Magnetic Fields on Neutrino-dominated Accretion Model for Gamma-ray Bursts. <i>Research in Astronomy and Astrophysics</i> , 2007, 7, 685-692.	1.1	7
555	Extracting Energy Magnetically from Plunging Region of Black-Hole Accretion Disk. <i>Communications in Theoretical Physics</i> , 2007, 47, 374-378.	1.1	0
556	The progenitors of short gamma-ray bursts. <i>New Journal of Physics</i> , 2007, 9, 17-17.	1.2	281
557	Non-monotonic orbital velocity profiles around rapidly rotating Kerr-(anti-)de Sitter black holes. <i>Classical and Quantum Gravity</i> , 2007, 24, 2637-2644.	1.5	11
558	A New Formulation for General Relativistic Force-Free Electrodynamics and Its Applications. <i>Research in Astronomy and Astrophysics</i> , 2007, 7, 743-756.	1.1	0
559	Isothermal plasma waves in a gravitomagnetic planar analog. <i>Classical and Quantum Gravity</i> , 2007, 24, 5495-5514.	1.5	8
560	ECHO: a Eulerian conservative high-order scheme for general relativistic magnetohydrodynamics and magnetodynamics. <i>Astronomy and Astrophysics</i> , 2007, 473, 11-30.	2.1	251
561	Models for GRBs and diverse transients. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1129-1139.	1.6	12
562	Correlation between 3 : 2 QPO Pairs and Jets in Black Hole X-Ray Binaries. <i>Astrophysical Journal</i> , 2007, 657, 428-435.	1.6	5
563	Numerical Study of Gamma-Ray Burst Jet Formation in Collapsars. <i>Astrophysical Journal</i> , 2007, 659, 512-529.	1.6	73
564	X-Ray and TeV Gamma-Ray Emission from Parallel Electron-Positron or Electron-Proton Beams in BL Lacertae Objects. <i>Astrophysical Journal</i> , 2007, 659, 1063-1073.	1.6	11
565	The Connections between Accretion, Jets, and Blazar Unification. <i>Astronomical Journal</i> , 2007, 134, 1464-1467.	1.9	19

#	ARTICLE	IF	CITATIONS
566	Radio Loudness of Active Galactic Nuclei: Observational Facts and Theoretical Implications. <i>Astrophysical Journal</i> , 2007, 658, 815-828.	1.6	414
567	Magnetar-Driven Magnetic Tower as a Model for Gamma-Ray Bursts and Asymmetric Supernovae. <i>Astrophysical Journal</i> , 2007, 669, 546-560.	1.6	66
568	The Prompt Gamma-Ray and Afterglow Energies of Short-Duration Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2007, 670, 1254-1259.	1.6	66
569	The Kinetic Luminosity Function and the Jet Production Efficiency of Growing Black Holes. <i>Astrophysical Journal</i> , 2007, 658, L9-L12.	1.6	41
570	Stability Properties of Magnetic Tower Jets. <i>Astrophysical Journal</i> , 2007, 656, 721-732.	1.6	64
571	Three-dimensional Simulations of Ergospheric Disk-driven Poynting Jets. <i>Astrophysical Journal</i> , 2007, 661, L21-L24.	1.6	9
572	Magnetohydrodynamic Shocks in Nonequatorial Plasma Flows around a Black Hole. <i>Astrophysical Journal</i> , 2007, 657, 415-427.	1.6	19
573	A Comprehensive Analysis of <i>Swift</i> XRT Data. I. Apparent Spectral Evolution of Gamma-Ray Burst X-Ray Tails. <i>Astrophysical Journal</i> , 2007, 666, 1002-1011.	1.6	134
574	Production of TeV Gamma Radiation in the Vicinity of the Supermassive Black Hole in the Giant Radio Galaxy M87. <i>Astrophysical Journal</i> , 2007, 671, 85-96.	1.6	138
575	Influence of the Magnetic Coupling Process on Advection-dominated Accretion Flows around Black Holes. <i>Astrophysical Journal</i> , 2007, 671, 1981-1989.	1.6	18
576	Thermalization in Relativistic Outflows and the Correlation between Spectral Hardness and Apparent Luminosity in Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2007, 666, 1012-1023.	1.6	121
577	A Comprehensive Analysis of <i>Swift</i> XRT Data. II. Diverse Physical Origins of the Shallow Decay Segment. <i>Astrophysical Journal</i> , 2007, 670, 565-583.	1.6	217
578	Correlation between Eddington Ratios and Broad-Line Luminosities in Flat-Spectrum Radio Quasars, BL Lacertae Objects, and Radio Galaxies. <i>Astronomical Journal</i> , 2007, 133, 2187-2191.	1.9	17
579	Stability Properties of Strongly Magnetized Spine-Sheath Relativistic Jets. <i>Astrophysical Journal</i> , 2007, 664, 26-46.	1.6	57
580	On the Origin of X-Ray Emission in Some FR I Galaxies: ADAF or Jet?. <i>Astrophysical Journal</i> , 2007, 669, 96-105.	1.6	62
581	Dynamics of oscillating magnetized relativistic tori around a Schwarzschild black hole. <i>Journal of Physics: Conference Series</i> , 2007, 66, 012061.	0.3	0
582	Three-dimensional Relativistic Magnetohydrodynamic Simulations of Magnetized Spine-Sheath Relativistic Jets. <i>Astrophysical Journal</i> , 2007, 662, 835-850.	1.6	111
583	Relativistic X-Ray Lines from the Inner Accretion Disks Around Black Holes. <i>Annual Review of Astronomy and Astrophysics</i> , 2007, 45, 441-479.	8.1	335

#	ARTICLE	IF	CITATIONS
585	Wormholes as black hole foils. <i>Physical Review D</i> , 2007, 76, .	1.6	164
586	A molecular gas study of low luminosity radio galaxies. <i>New Astronomy Reviews</i> , 2007, 51, 43-46.	5.2	9
587	Short-hard gamma-ray bursts. <i>Physics Reports</i> , 2007, 442, 166-236.	10.3	723
588	A toy model for magnetic connection in black hole accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 647-656.	1.6	6
589	Disc-jet coupling in black hole accretion systems - II. Force-free electrodynamical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 531-547.	1.6	78
590	Self-similar force-free wind from an accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 548-566.	1.6	59
591	Disc-jet coupling in black hole accretion systems - I. General relativistic magnetohydrodynamical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 513-530.	1.6	113
592	Effects of magnetic coupling on radiation from accretion disc around a Kerr black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 1695-1701.	1.6	4
593	Models for jet power in elliptical galaxies: a case for rapidly spinning black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1652-1662.	1.6	78
594	Equation of state in relativistic magnetohydrodynamics: variable versus constant adiabatic index. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 378, 1118-1130.	1.6	145
595	The differentially rotating force-free magnetosphere of an aligned rotator: analytical solutions in the split-monopole approximation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 605-618.	1.6	11
596	WHAM: a WENO-based general relativistic numerical scheme - I. Hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 469-497.	1.6	121
597	Magnetic acceleration of relativistic active galactic nucleus jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 380, 51-70.	1.6	337
598	Superdiscs in radio galaxies: jet-wind interactions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 703-711.	1.6	8
599	The 'Meissner effect' and the Blandford-Znajek mechanism in conductive black hole magnetospheres. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 377, L49-L53.	1.2	99
600	Dynamic boundaries of event horizon magnetospheres. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 381, L79-L83.	1.2	6
601	Acceleration of a quasar by a one-sided jet and asymmetrical radiation. <i>Astronomy Reports</i> , 2007, 51, 97-99.	0.2	5
602	The supermassive black hole at the center of our galaxy: Determination of its main physical parameters. <i>Astronomy Reports</i> , 2007, 51, 100-108.	0.2	3

#	ARTICLE	IF	CITATIONS
603	A class of exact solutions to the force-free, axisymmetric, stationary magnetosphere of a Kerr black hole. <i>General Relativity and Gravitation</i> , 2007, 39, 785-794.	0.7	31
604	Theoretical overview on high-energy emission in microquasars. <i>Astrophysics and Space Science</i> , 2007, 309, 321-331.	0.5	11
605	GRMHD/RMHD simulations & stability of magnetized spine-sheath relativistic jets. <i>Astrophysics and Space Science</i> , 2007, 311, 281-286.	0.5	27
606	AGN effect on cooling flow dynamics. <i>Astrophysics and Space Science</i> , 2007, 311, 317-321.	0.5	7
607	Jet disc coupling in black hole binaries. <i>Astrophysics and Space Science</i> , 2007, 311, 149-159.	0.5	6
608	General relativistic MHD simulations of black hole accretion disks and jets. <i>Astrophysics and Space Science</i> , 2007, 311, 117-125.	0.5	16
609	Physics of accretion flows around compact objects. <i>Comptes Rendus Physique</i> , 2007, 8, 45-56.	0.3	16
610	Inductive acceleration of UHECRs in sheared relativistic jets. <i>Astroparticle Physics</i> , 2007, 27, 473-489.	1.9	21
611	Radio-loudness of active galaxies and the black hole evolution. <i>New Astronomy Reviews</i> , 2008, 51, 891-897.	5.2	7
612	Formation of relativistic jets by collapsing stars to black holes. <i>Advances in Space Research</i> , 2008, 42, 533-537.	1.2	4
613	Non-uniform model for the synchrotron radiation of Sgr A* and other low-luminosity galactic nuclei. <i>Astronomy Reports</i> , 2008, 52, 343-351.	0.2	0
614	Black hole at the center of the globular cluster M15: Estimation of the mass and specific angular momentum. <i>Astronomy Letters</i> , 2008, 34, 529-536.	0.1	6
615	Stellar explosions powered by the Blandford-Znajek mechanism. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 385, L28-L32.	1.2	93
616	On active galactic nuclei as sources of ultra-high energy cosmic rays. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 388, L59-L63.	1.2	39
617	Misalignment of the microquasar V4641 Sgr (SAX J1819.3-2525). <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 391, L15-L18.	1.2	9
618	The inner jet of an active galactic nucleus as revealed by a radio-to- γ -ray outburst. <i>Nature</i> , 2008, 452, 966-969.	13.7	553
619	Exhaust inspection. <i>Nature</i> , 2008, 452, 945-946.	13.7	2
620	Two worlds merged. <i>Nature</i> , 2008, 452, 946-947.	13.7	11

#	ARTICLE	IF	CITATIONS
621	The BZ&MC&BP model for jet production from a black hole accretion disc. Monthly Notices of the Royal Astronomical Society, 2008, 385, 841-848.	1.6	4
622	Synoptic studies of 17 blazars detected in very high-energy γ -rays. Monthly Notices of the Royal Astronomical Society, 0, 385, 119-135.	1.6	58
623	The impact of radio feedback from active galactic nuclei in cosmological simulations: formation of disc galaxies. Monthly Notices of the Royal Astronomical Society, 0, 385, 161-180.	1.6	84
624	Simulations of ultrarelativistic magnetodynamic jets from gamma-ray burst engines. Monthly Notices of the Royal Astronomical Society, 2008, 388, 551-572.	1.6	210
625	Gamma-ray burst engine activity within the quark nova scenario: prompt emission, X-ray plateau and sharp drop-off. Monthly Notices of the Royal Astronomical Society, 2008, 391, 178-182.	1.6	11
626	Time dependence of accretion flow with a toroidal magnetic field. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1218-1222.	1.6	13
627	Association of the 3:2 HFQPO pairs with the broad Fe K line in XTE J1550&564 and GRO J1655&40. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1332-1340.	1.6	1
628	The Disk-Jet Link and Unification of FSRQs, BL Lac Objects, and FR Radio Galaxies. Publications of the Astronomical Society of the Pacific, 2008, 120, 477-486.	1.0	12
629	Ergoregion instability of ultracompact astrophysical objects. Physical Review D, 2008, 77, .	1.6	144
630	Constraints on the evolution of black hole spin due to magnetohydrodynamic accretion. Physical Review D, 2008, 78, .	1.6	6
631	Extended monopole solution of the Blandford-Znajek mechanism: Higher order terms for a Kerr parameter. Physical Review D, 2008, 78, .	1.6	45
632	Collapse of magnetized hypermassive neutron stars in general relativity: Disk evolution and outflows. Physical Review D, 2008, 77, .	1.6	18
633	Disk illumination by black hole superradiance of electromagnetic perturbations. Physical Review D, 2008, 77, .	1.6	3
634	MAGNETIC ACCELERATION OF ULTRARELATIVISTIC GRB AND AGN JETS. International Journal of Modern Physics D, 2008, 17, 1669-1675.	0.9	20
635	Broad-Line and Multi-Wave Band Emission from Blazars. Publication of the Astronomical Society of Japan, 2008, 60, 161-168.	1.0	4
636	Summary of parallel session B1: relativistic astrophysics. Classical and Quantum Gravity, 2008, 25, 114018.	1.5	0
637	Hyperaccretion after the Blandford-Znajek Process: A New Model for GRBs with X-Ray Flares Observed in Early Afterglows. Research in Astronomy and Astrophysics, 2008, 8, 404-410.	1.1	17
638	A New Approach for Estimating Kinetic Luminosity of Jet in AGNs. Research in Astronomy and Astrophysics, 2008, 8, 39-49.	1.1	7

#	ARTICLE	IF	CITATIONS
639	Centrifugally driven electrostatic instability in extragalactic jets. <i>Physics of Plasmas</i> , 2008, 15, .	0.7	7
640	The Formation of a Relativistic Partially Electromagnetic Planar Plasma Shock. <i>Astrophysical Journal</i> , 2008, 675, 586-595.	1.6	29
641	Magnetic field transport from AGN cores to jets, lobes, and the IGM. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 499-508.	0.0	2
642	A Magnetohydrodynamic Boost for Relativistic Jets. <i>Astrophysical Journal</i> , 2008, 672, 72-82.	1.6	31
643	The milli-arc-second structure imager (MASSIM): a new concept for a high angular resolution x-ray telescope. <i>Proceedings of SPIE</i> , 2008, , .	0.8	14
644	Numerical Hydrodynamics and Magnetohydrodynamics in General Relativity. <i>Living Reviews in Relativity</i> , 2008, 11, 7.	8.2	211
645	Broad Iron $\text{K}\alpha$ Emission Lines as a Diagnostic of Black Hole Spin. <i>Astrophysical Journal</i> , 2008, 675, 1048-1056.	1.6	170
646	Stellar Disruption by Supermassive Black Holes and the Quasar Radio Loudness Dichotomy. <i>Astrophysical Journal</i> , 2008, 680, L13-L16.	1.6	19
647	On the Duration of Long GRBs: Effects of Black Hole Spin. <i>Astrophysical Journal</i> , 2008, 687, 433-442.	1.6	19
648	Missing Baryons, from Clusters to Groups of Galaxies. <i>Astrophysical Journal</i> , 2008, 673, L5-L8.	1.6	8
649	Gravitational Wave Recoil and the Retention of Intermediate-Mass Black Holes. <i>Astrophysical Journal</i> , 2008, 686, 829-837.	1.6	90
650	Jet Power Extracted from ADAF and the Applications to X-Ray Binaries and the Radio Galaxy FR Dichotomy. <i>Astrophysical Journal</i> , 2008, 687, 156-161.	1.6	37
651	AGN jets: from largest to smallest angular scales. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012052.	0.3	2
652	Low Angular Momentum Accretion in the Collapsar: How Long Can a Long GRB Be?. <i>Astrophysical Journal</i> , 2008, 675, 519-527.	1.6	32
653	Magnetically Arrested Disks and the Origin of Poynting Jets: A Numerical Study. <i>Astrophysical Journal</i> , 2008, 677, 317-326.	1.6	126
654	The Accretion Disk Wind in the Black Hole GRO J1655-40. <i>Astrophysical Journal</i> , 2008, 680, 1359-1377.	1.6	150
655	Energy Extraction from a Rotating Black Hole by Magnetic Reconnection in the Ergosphere. <i>Astrophysical Journal</i> , 2008, 682, 1124-1133.	1.6	32
656	Nonthermal High-Energy Emissions from Black Holes by a Relativistic Capillary Effect. <i>Astrophysical Journal</i> , 2008, 685, L63-L66.	1.6	10

#	ARTICLE	IF	CITATIONS
657	Statistical Description of a Magnetized Corona above a Turbulent Accretion Disk. <i>Astrophysical Journal</i> , 2008, 682, 608-629.	1.6	72
658	General Relativistic Hydrodynamic Simulations and Linear Analysis of the Standing Accretion Shock Instability around a Black Hole. <i>Astrophysical Journal</i> , 2008, 689, 391-406.	1.6	39
659	XMM-Newton Observations of Broad Absorption Line Quasars with Polar Outflows. <i>Astrophysical Journal</i> , 2008, 676, L97-L100.	1.6	16
660	A Tidal Disruption Model for the Gamma-Ray Burst of GRB 060614. <i>Astrophysical Journal</i> , 2008, 684, 1330-1335.	1.6	30
661	Optical-Radio Mapping: the Kinetic Efficiency of Radio-Loud AGNs. <i>Astrophysical Journal</i> , 2008, 676, 131-136.	1.6	38
662	Extragalactic jets with helical magnetic fields: relativistic MHD simulations. <i>Astronomy and Astrophysics</i> , 2008, 486, 663-678.	2.1	50
663	The Influence of Magnetic Field Geometry on the Evolution of Black Hole Accretion Flows: Similar Disks, Drastically Different Jets. <i>Astrophysical Journal</i> , 2008, 678, 1180-1199.	1.6	225
664	THE COSMOLOGICAL CONSEQUENCE OF AN OBSCURED AGN POPULATION ON THE RADIATION EFFICIENCY. <i>Astrophysical Journal</i> , 2009, 692, 964-972.	1.6	25
665	BOUNDS ON BLACK HOLE SPINS. <i>Astrophysical Journal</i> , 2009, 696, L32-L36.	1.6	28
666	STABILITY OF RELATIVISTIC FORCE-FREE JETS. <i>Astrophysical Journal</i> , 2009, 697, 1681-1694.	1.6	62
667	ON THE PROSPECT OF CONSTRAINING BLACK HOLE SPIN THROUGH X-RAY SPECTROSCOPY OF HOTSPOTS. <i>Astrophysical Journal</i> , 2009, 701, 635-641.	1.6	15
668	DISCERNING THE PHYSICAL ORIGINS OF COSMOLOGICAL GAMMA-RAY BURSTS BASED ON MULTIPLE OBSERVATIONAL CRITERIA: THE CASES OF $z = 6.7$ GRB 080913, $z = 8.2$ GRB 090423, AND SOME SHORT/HARD GRBs. <i>Astrophysical Journal</i> , 2009, 703, 1696-1724.	1.6	307
669	ASYMPTOTIC STRUCTURE OF POYNTING-DOMINATED JETS. <i>Astrophysical Journal</i> , 2009, 698, 1570-1589.	1.6	171
670	BLACK HOLE SPINS OF RADIO SOURCES. <i>Astrophysical Journal</i> , 2009, 691, L72-L76.	1.6	27
671	SIGNATURES OF BLACK HOLE SPIN IN GALAXY EVOLUTION. <i>Astrophysical Journal</i> , 2009, 699, L52-L54.	1.6	12
672	REACTION OF ACCRETION DISKS TO ABRUPT MASS LOSS DURING BINARY BLACK HOLE MERGER. <i>Astrophysical Journal</i> , 2009, 700, 859-871.	1.6	62
673	CONSTRAINING THE SPIN OF THE BLACK HOLE IN FAIRALL 9 WITH SUZAKU. <i>Astrophysical Journal</i> , 2009, 703, 2171-2176.	1.6	66
674	THE FUNDAMENTAL PLANE OF ACCRETION ONTO BLACK HOLES WITH DYNAMICAL MASSES. <i>Astrophysical Journal</i> , 2009, 706, 404-416.	1.6	172

#	ARTICLE	IF	CITATIONS
675	MAGNETICALLY TORQUED NEUTRINO-DOMINATED ACCRETION FLOWS FOR GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2009, 700, 1970-1976.	1.6	79
676	SSC radiation in BL Lacertae sources, the end of the tether. <i>Astronomy and Astrophysics</i> , 2009, 504, 821-828.	2.1	45
677	THE DYNAMICS AND AFTERGLOW RADIATION OF GAMMA-RAY BURSTS. I. CONSTANT DENSITY MEDIUM. <i>Astrophysical Journal</i> , 2009, 698, 1261-1272.	1.6	136
678	ON THE BL LACERTAE OBJECTS/RADIO QUASARS AND THE FR I/II DICHOTOMY. <i>Astrophysical Journal</i> , 2009, 694, L107-L110.	1.6	43
679	CHAOTIC MOTION OF CHARGED PARTICLES IN AN ELECTROMAGNETIC FIELD SURROUNDING A ROTATING BLACK HOLE. <i>Astrophysical Journal</i> , 2009, 693, 472-485.	1.6	62
680	NEUTRINO SIGNATURES AND THE NEUTRINO-DRIVEN WIND IN BINARY NEUTRON STAR MERGERS. <i>Astrophysical Journal</i> , 2009, 690, 1681-1705.	1.6	292
681	Magnetic fields of AGNs and standard accretion disk model: testing by optical polarimetry. <i>Astronomy and Astrophysics</i> , 2009, 507, 171-182.	2.1	41
682	FULL POLARIZATION SPECTRA OF 3C 279. <i>Astrophysical Journal</i> , 2009, 696, 328-347.	1.6	63
683	A NEW PARADIGM FOR GAMMA-RAY BURSTS: LONG-TERM ACCRETION RATE MODULATION BY AN EXTERNAL ACCRETION DISK. <i>Astrophysical Journal</i> , 2009, 700, 1047-1058.	1.6	73
684	GIANT AGN FLARES AND COSMIC RAY BURSTS. <i>Astrophysical Journal</i> , 2009, 693, 329-332.	1.6	122
685	DEVELOPMENT OF A GENERAL RELATIVISTIC MAGNETOHYDRODYNAMIC CODE AND ITS APPLICATION TO THE CENTRAL ENGINE OF LONG GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2009, 704, 937-950.	1.6	69
686	Power for dry BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2009, 508, L31-L34.	2.1	13
687	ASPHERICAL PROPERTIES OF HYDRODYNAMICS AND NUCLEOSYNTHESIS IN JET-INDUCED SUPERNOVAE. <i>Astrophysical Journal</i> , 2009, 690, 526-536.	1.6	94
688	POWERFUL HIGH-ENERGY EMISSION OF THE REMARKABLE BL Lac OBJECT S5 0716+714. <i>Astrophysical Journal</i> , 2009, 706, 1433-1437.	1.6	22
689	CONFIRMATION OF AND VARIABLE ENERGY INJECTION BY A NEAR-RELATIVISTIC OUTFLOW IN APM 08279+5255. <i>Astrophysical Journal</i> , 2009, 706, 644-656.	1.6	78
690	AN ENERGETIC AGN OUTBURST POWERED BY A RAPIDLY SPINNING SUPERMASSIVE BLACK HOLE OR AN ACCRETING ULTRAMASSIVE BLACK HOLE. <i>Astrophysical Journal</i> , 2009, 698, 594-605.	1.6	85
691	HIGHER-ORDER NONLINEARITY IN ACCRETION DISKS: QUASI-PERIODIC OSCILLATIONS OF BLACK HOLE AND NEUTRON STAR SOURCES AND THEIR SPIN. <i>Astrophysical Journal</i> , 2009, 694, 387-395.	1.6	37
692	STELLAR-MASS BLACK HOLE SPIN CONSTRAINTS FROM DISK REFLECTION AND CONTINUUM MODELING. <i>Astrophysical Journal</i> , 2009, 697, 900-912.	1.6	193

#	ARTICLE	IF	CITATIONS
693	Accretion disk dynamics, photoionized plasmas, and stellar opacities. <i>Physics of Plasmas</i> , 2009, 16, 041001.	0.7	41
694	Probing the central engine of long gamma-ray bursts and hypernovae with gravitational waves and neutrinos. <i>Physical Review D</i> , 2009, 80, .	1.6	34
695	Gamma-Ray Bursts. , 2009, , .		45
696	Are black holes in alternative theories serious astrophysical candidates? The case for Einstein-dilaton-Gauss-Bonnet black holes. <i>Physical Review D</i> , 2009, 79, .	1.6	198
697	Wave properties of isothermal magneto-rotational fluids. <i>Canadian Journal of Physics</i> , 2009, 87, 879-894.	0.4	7
698	IS THERE A SUPERMASSIVE BLACK HOLE AT THE CENTER OF THE MILKY WAY?. <i>International Journal of Modern Physics D</i> , 2009, 18, 889-910.	0.9	53
699	UNDERSTANDING THE VERY-HIGH-ENERGY EMISSION FROM MICROQUASARS. <i>International Journal of Modern Physics D</i> , 2009, 18, 347-387.	0.9	101
700	Renormalized spin coefficients in the accumulated orbital phase for unequal mass black hole binaries. <i>Classical and Quantum Gravity</i> , 2009, 26, 204006.	1.5	1
701	A Decade of Dark Energy: 1998â€“2008. , 2009, , .		1
702	The relation between black hole masses and Lorentz factors of the jet components in blazars. <i>Research in Astronomy and Astrophysics</i> , 2009, 9, 293-301.	0.7	15
703	Gamma ray astronomy with atmospheric Cherenkov telescopes: the future. <i>New Journal of Physics</i> , 2009, 11, 115008.	1.2	7
704	High energy radiation from Centaurus A. <i>New Journal of Physics</i> , 2009, 11, 065017.	1.2	56
705	Time structure and multi-messenger signatures of ultra-high energy cosmic ray sources. <i>New Journal of Physics</i> , 2009, 11, 065014.	1.2	9
706	Ultra-high energy cosmic ray production in the polar cap regions of black hole magnetospheres. <i>New Journal of Physics</i> , 2009, 11, 065015.	1.2	53
707	Force-Free Black Hole Magnetospheres. <i>Publication of the Astronomical Society of Japan</i> , 2009, 61, 971-990.	1.0	4
708	High energy plasmas, general relativity and collective modes in the surroundings of black holes. <i>Plasma Physics and Controlled Fusion</i> , 2009, 51, 124007.	0.9	5
709	A Flare for Acceleration. <i>Science</i> , 2009, 325, 399-400.	6.0	1
710	MHD simulations of accretion disks and jets: strengths and limitations. <i>Astrophysics and Space Science</i> , 2009, 320, 107-114.	0.5	15

#	ARTICLE	IF	CITATIONS
711	Acceleration of particles in the vicinity of a massive black hole. <i>Astrophysics and Space Science</i> , 2009, 321, 57-67.	0.5	21
712	Neutrinos from active black holes, sources of ultra high energy cosmic rays. <i>Astroparticle Physics</i> , 2009, 31, 138-148.	1.9	29
713	On the origin of the 511-keV emission in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 1115-1123.	1.6	21
714	Non-thermal transient sources from rotating black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 2238-2246.	1.6	18
715	A model of magnetically induced disc-corona for black hole binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 2310-2320.	1.6	7
716	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
717	The bulk kinetic power of radio jets in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 984-996.	1.6	40
718	Activation of the Blandford-Znajek mechanism in collapsing stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 1153-1168.	1.6	107
719	Magnetic connection and current distribution in black hole accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1886-1890.	1.6	3
720	Maximum spin of black holes driving jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 1302-1313.	1.6	46
721	An intermediate black hole spin in the NLS1 galaxy SWIFT J2127.4+5654: chaotic accretion or spin energy extraction?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 255-262.	1.6	61
722	The influence of magnetic fields on neutrino-dominated accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 583-590.	1.6	7
723	The changing interstellar medium of massive elliptical galaxies and cosmic evolution of radio galaxies and quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 2216-2224.	1.6	8
724	Energetics of a black hole: constraints on the jet velocity and the nature of the X-ray emitting region in Cyg X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 1512-1520.	1.6	41
725	Magnetocentrifugal launching of jets from discs around Kerr black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1545-1552.	1.6	20
726	High-redshift obscured quasars: radio emission at sub-kiloparsec scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 176-188.	1.6	9
727	Constraining the energy budget of GRB 080721. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 90-99.	1.6	32
728	Quiet is the new loud. <i>Nature</i> , 2009, 458, 414-415.	13.7	2

#	ARTICLE	IF	CITATIONS
729	Rogue gene in the family. <i>Nature</i> , 2009, 458, 415-416.	13.7	8
730	Magnetism in a cosmic blast. <i>Nature</i> , 2009, 462, 728-729.	13.7	0
731	Stability of relativistic jets from rotating, accreting black holes via fully three-dimensional magnetohydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 394, L126-L130.	1.2	331
732	The <i>Fermi</i> blazars' divide. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 396, L105-L109.	1.2	204
733	Active Galactic Nuclei: Sources for ultra high energy cosmic rays?. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 190, 61-78.	0.5	16
734	Acceleration of charged particles in the magnetosphere of a collapsing star and their nonthermal electromagnetic radiation. <i>Kinematics and Physics of Celestial Bodies</i> , 2009, 25, 277-301.	0.2	1
735	A study of radio sources using interplanetary scintillations at 111 MHz. Core-dominated sources. <i>Astronomy Reports</i> , 2009, 53, 19-29.	0.2	3
736	Physical origins for variations in the apparent positions of quasars. <i>Astronomy Reports</i> , 2009, 53, 579-589.	0.2	4
737	Timelike geodesic currents in the stationary, axisymmetric, force-free magnetosphere of a Kerr black hole. <i>Physical Review D</i> , 2009, 79, .	1.6	5
738	Long-term general relativistic simulation of binary neutron stars collapsing to a black hole. <i>Physical Review D</i> , 2009, 80, .	1.6	140
739	Quasinormal modes of black holes and black branes. <i>Classical and Quantum Gravity</i> , 2009, 26, 163001.	1.5	1,359
740	Gamma-Ray Bursts in the <i>Swift</i> Era. <i>Annual Review of Astronomy and Astrophysics</i> , 2009, 47, 567-617.	8.1	456
741	THREE-DIMENSIONAL RELATIVISTIC MAGNETOHYDRODYNAMIC SIMULATIONS OF CURRENT-DRIVEN INSTABILITY. I. INSTABILITY OF A STATIC COLUMN. <i>Astrophysical Journal</i> , 2009, 700, 684-693.	1.6	84
742	Renormalized second post-Newtonian spin contributions to the accumulated orbital phase for LISA sources. <i>Physical Review D</i> , 2009, 79, .	1.6	4
743	THE LARGE AREA TELESCOPE ON THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE MISSION. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102.	1.6	3,048
744	Mach's holographic principle. <i>Physical Review D</i> , 2009, 80, .	1.6	2
745	Binary Black Holes' Effects on Electromagnetic Fields. <i>Physical Review Letters</i> , 2009, 103, 081101.	2.9	69
746	MAGNETOHYDRODYNAMIC EFFECTS IN PROPAGATING RELATIVISTIC JETS: REVERSE SHOCK AND MAGNETIC ACCELERATION. <i>Astrophysical Journal</i> , 2009, 690, L47-L51.	1.6	53

#	ARTICLE	IF	CITATIONS
747	The Quasar Continuum. Proceedings of the International Astronomical Union, 2009, 5, 55-64.	0.0	0
748	Evolution of Supermassive Black Holes. Proceedings of the International Astronomical Union, 2009, 5, 202-202.	0.0	0
749	SPECTRAL ANALYSIS OF THE ACCRETION FLOW IN NGC 1052 WITH <i>SUZAKU</i> . Astrophysical Journal, 2009, 698, 528-540.	1.6	28
750	THE SPIN DEPENDENCE OF THE BLANDFORD-ZNAJEK EFFECT. Astrophysical Journal, 2009, 699, 400-408.	1.6	61
751	THE EVOLUTION OF <i>SWIFT</i> /BAT BLAZARS AND THE ORIGIN OF THE MeV BACKGROUND. Astrophysical Journal, 2009, 699, 603-625.	1.6	161
752	EFFICIENCY OF MAGNETIC TO KINETIC ENERGY CONVERSION IN A MONOPOLE MAGNETOSPHERE. Astrophysical Journal, 2009, 699, 1789-1808.	1.6	163
753	Evolution of supermassive black hole spins in the Λ CDM cosmology. Journal of Physics: Conference Series, 2009, 189, 012013.	0.3	1
754	Current-Driven Kink Instability in Relativistic Jets. Proceedings of the International Astronomical Union, 2010, 6, 476-478.	0.0	0
755	The stability of astrophysical jets. Proceedings of the International Astronomical Union, 2010, 6, 41-49.	0.0	6
756	Relativistic jets: Physics and simulations. Proceedings of the International Astronomical Union, 2010, 6, 50-58.	0.0	0
757	Waves in Poynting-flux dominated jets. Proceedings of the International Astronomical Union, 2010, 6, 77-81.	0.0	0
758	Nonthermal processes in microquasars. Proceedings of the International Astronomical Union, 2010, 6, 215-223.	0.0	0
759	Jet launching and field advection in quasi-Keplerian discs. Proceedings of the International Astronomical Union, 2010, 6, 260-264.	0.0	2
760	The formation of relativistic cosmic jets. Proceedings of the International Astronomical Union, 2010, 6, 13-23.	0.0	1
761	HYPERACCRETING DISKS AROUND MAGNETARS FOR GAMMA-RAY BURSTS: EFFECTS OF STRONG MAGNETIC FIELDS. Astrophysical Journal, 2010, 718, 841-866.	1.6	42
762	MULTI-FREQUENCY POLARIMETRY TOWARD S5 0836+710: A POSSIBLE SPINE-SHEATH STRUCTURE FOR THE JET. Astrophysical Journal, 2010, 720, 41-45.	1.6	27
763	A GENERAL RELATIVISTIC RAY-TRACING METHOD FOR ESTIMATING THE ENERGY AND MOMENTUM DEPOSITION BY NEUTRINO PAIR ANNIHILATION IN COLLAPSARS. Astrophysical Journal, 2010, 720, 614-625.	1.6	25
764	EVOLUTION OF THE RADIO-X-RAY COUPLING THROUGHOUT AN ENTIRE OUTBURST OF AQUILA X-1. Astrophysical Journal Letters, 2010, 716, L109-L114.	3.0	63

#	ARTICLE	IF	CITATIONS
765	POPULATION III GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2010, 715, 967-971.	1.6	83
766	BLACK HOLE SPIN AND THE RADIO LOUD/QUIET DICHOTOMY OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 711, 50-63.	1.6	396
767	THE HARD X-RAY VIEW OF REFLECTION, ABSORPTION, AND THE DISK-JET CONNECTION IN THE RADIO-LOUD AGN 3C 33. <i>Astrophysical Journal</i> , 2010, 710, 859-868.	1.6	13
768	Detection of the high z GRB 080913 and its implications on progenitors and energy extraction mechanisms. <i>Astronomy and Astrophysics</i> , 2010, 510, A105.	2.1	13
769	Kerr geodesics, the Penrose process and jet collimation by a black hole. <i>Astronomy and Astrophysics</i> , 2010, 515, A15.	2.1	29
770	The role of black hole spin and magnetic field threading the unstable neutrino disk in gamma ray bursts. <i>Astronomy and Astrophysics</i> , 2010, 509, A55.	2.1	24
771	PARSEC-SCALE FARADAY ROTATION MEASURES FROM GENERAL RELATIVISTIC MAGNETOHYDRODYNAMIC SIMULATIONS OF ACTIVE GALACTIC NUCLEUS JETS. <i>Astrophysical Journal</i> , 2010, 725, 750-773.	1.6	76
772	HUGE EJECTION OF ANTIELECTRON NEUTRINOS FROM MASSIVE ACCRETION DISKS. <i>Astrophysical Journal</i> , 2010, 715, 86-103.	1.6	0
773	DISK-OUTFLOW COUPLING: ENERGETICS AROUND SPINNING BLACK HOLES. <i>Astrophysical Journal</i> , 2010, 713, 105-114.	1.6	14
774	<i>SPITZER</i> MID-INFRARED SPECTROSCOPY OF COMPACT SYMMETRIC OBJECTS: WHAT POWERS RADIO-LOUD ACTIVE GALACTIC NUCLEI?. <i>Astrophysical Journal</i> , 2010, 713, 1393-1412.	1.6	40
775	MODELING THE HARD STATES OF THREE BLACK HOLE CANDIDATES. <i>Astrophysical Journal</i> , 2010, 717, 929-936.	1.6	13
776	Circular polarization—Another difference between quasars and BL Lac objects?. <i>Astronomy Reports</i> , 2010, 54, 269-276.	0.2	2
777	Linear polarization of the radiation from active galactic nuclei and the redshift dependence of their main parameters. <i>Astronomy Reports</i> , 2010, 54, 974-982.	0.2	2
778	Magnetic fields of active galactic nuclei and quasars from the SDSS catalog. <i>Astronomy Letters</i> , 2010, 36, 389-395.	0.1	2
779	Supermassive black hole in an elliptical galaxy: Accretion of a hot gas with a low but finite angular momentum. <i>Astronomy Letters</i> , 2010, 36, 835-847.	0.1	11
780	Hard X-Ray bursts in collapse of supermassive stars. <i>Astrophysical Bulletin</i> , 2010, 65, 217-222.	0.3	6
781	Galaxy formation theory. <i>Physics Reports</i> , 2010, 495, 33-86.	10.3	257
782	The point of origin of the radio radiation from the unresolved cores of radio-loud quasars. <i>Astrophysics and Space Science</i> , 2010, 325, 31-36.	0.5	5

#	ARTICLE	IF	CITATIONS
783	Cold plasma wave analysis in magneto-rotational fluids. <i>Astrophysics and Space Science</i> , 2010, 330, 317-328.	0.5	1
784	On a possible source of energy for the ejection of matter from cosmic objects. <i>Astrophysics</i> , 2010, 53, 311-319.	0.1	0
785	A toy model for magnetized neutrino-dominated accretion flows. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 98-101.	2.0	2
786	A black hole preying on the star for a gamma-ray burst of GRB080503: Evidence for the second event in this new class. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 117-119.	2.0	0
787	The relationship of extended radio power and broad emission line luminosity in blazars. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 240-243.	2.0	2
788	Synchrotron peak luminosity, black hole mass and Eddington ratio for SDSS flat-spectrum radio quasars. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 202-206.	2.0	0
789	Electron-positron pairs in physics and astrophysics: From heavy nuclei to black holes. <i>Physics Reports</i> , 2010, 487, 1-140.	10.3	412
790	Description of accretion induced outflows from ultra-luminous sources to under-luminous AGNs. <i>New Astronomy</i> , 2010, 15, 83-88.	0.8	5
791	A simplified model of ADAF with the jet driven by the large-scale magnetic field. <i>New Astronomy</i> , 2010, 15, 102-107.	0.8	2
792	Magnetohydrodynamic simulations of gamma-ray burst jets: Beyond the progenitor star. <i>New Astronomy</i> , 2010, 15, 749-754.	0.8	124
793	Supercollapsars and their X-ray bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 402, L25-L29.	1.2	55
794	Measuring spin of a supermassive black hole at the Galactic centre – implications for a unique spin. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 403, L74-L78.	1.2	54
795	A model for nulling and mode changing in pulsars. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 408, L41-L45.	1.2	105
796	Simulations of magnetized discs around black holes: effects of black hole spin, disc thickness and magnetic field geometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 752-782.	1.6	242
797	Relativistic jets in active galactic nuclei: time variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1307-1312.	1.6	7
798	Monte Carlo simulation of electromagnetic cascades in black hole magnetosphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 1183-1194.	1.6	13
799	Structure of magnetic fields in intracluster cavities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 1660-1668.	1.6	16
800	Fast variability of $\hat{\nu}^3$ -ray emission from supermassive black hole binary OJ287. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	11

#	ARTICLE	IF	CITATIONS
801	General physical properties of bright Fermi blazars. Monthly Notices of the Royal Astronomical Society, 2010, 402, 497-518.	1.6	448
802	X-ray reflection in a sample of X-ray bright ultraluminous X-ray sources. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2559-2566.	1.6	36
803	Effect of plasma composition on the interpretation of Faraday rotation. Monthly Notices of the Royal Astronomical Society, 2010, 403, 1993-1998.	1.6	8
804	No evidence for black hole spin powering of jets in X-ray binaries. Monthly Notices of the Royal Astronomical Society, 0, , no-no.	1.6	55
805	The evolution of radio-loud active galactic nuclei as a function of black hole spin. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	70
806	The relative growth of optical and radio quasars in SDSS. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1869-1881.	1.6	22
807	Close binary progenitors of gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1644-1656.	1.6	52
808	DETERMINING THE OPTIMAL LOCATIONS FOR SHOCK ACCELERATION IN MAGNETOHYDRODYNAMICAL JETS. Astrophysical Journal, 2010, 723, 1343-1350.	1.6	42
809	Central engine afterglow from GRBs and the polarization signature. , 2010, , 209-214.		0
810	RESOLVING DOPPLER-FACTOR CRISIS IN ACTIVE GALACTIC NUCLEI: NON-STEADY MAGNETIZED OUTFLOWS. Astrophysical Journal, 2010, 722, 197-203.	1.6	37
811	FERO: Finding extreme relativistic objects. Astronomy and Astrophysics, 2010, 524, A50.	2.1	104
812	Leaving the innermost stable circular orbit: the inner edge of a black-hole accretion disk at various luminosities. Astronomy and Astrophysics, 2010, 521, A15.	2.1	62
813	BLACK HOLE AURORA POWERED BY A ROTATING BLACK HOLE. Astrophysical Journal Letters, 2010, 714, L176-L180.	3.0	6
815	Relativistic spine jets from Schwarzschild black holes. Astronomy and Astrophysics, 2010, 521, A67.	2.1	11
816	A NEW CLASS OF GAMMA-RAY BURSTS FROM STELLAR DISRUPTIONS BY INTERMEDIATE-MASS BLACK HOLES. Astrophysical Journal, 2010, 717, 268-276.	1.6	11
817	Relevance of jet emitting disc physics to microquasars: application to Cygnus X-1. Astronomy and Astrophysics, 2010, 522, A38.	2.1	24
819	Molecular disks in radio galaxies. Astronomy and Astrophysics, 2010, 523, A38.	2.1	17
820	ACCELERATION AND COLLIMATION OF RELATIVISTIC MAGNETOHYDRODYNAMIC DISK WINDS. Astrophysical Journal, 2010, 709, 1100-1118.	1.6	61

#	ARTICLE	IF	CITATIONS
821	Launching of jets by cold, magnetized disks in Kerr metric. <i>Astronomy and Astrophysics</i> , 2010, 517, A18.	2.1	14
822	ARE THERE ROTATION MEASURE GRADIENTS ACROSS ACTIVE GALACTIC NUCLEI JETS?. <i>Astrophysical Journal Letters</i> , 2010, 722, L183-L187.	3.0	43
823	The role of magnetic reconnection on jet/accretion disk systems. <i>Astronomy and Astrophysics</i> , 2010, 518, A5.	2.1	58
824	Simultaneous multi-frequency observation of the unknown redshift blazar PG 1553+113 in March-April 2008. <i>Astronomy and Astrophysics</i> , 2010, 515, A76.	2.1	14
825	RELATIVISTIC MAGNETOHYDRODYNAMICS: RENORMALIZED EIGENVECTORS AND FULL WAVE DECOMPOSITION RIEMANN SOLVER. <i>Astrophysical Journal, Supplement Series</i> , 2010, 188, 1-31.	3.0	50
826	A Tale of Two Jets. <i>Science</i> , 2010, 329, 908-909.	6.0	0
827	CURRENT-DRIVEN KINK INSTABILITY IN RELATIVISTIC JETS. <i>International Journal of Modern Physics D</i> , 2010, 19, 683-688.	0.9	0
828	A Novel Jet Model: Magnetically Collimated, Radiation-Pressure Driven Jet. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, L43-L47.	1.0	31
829	Theory of Magnetically Powered Jets. <i>Lecture Notes in Physics</i> , 2010, , 233-263.	0.3	42
830	Magnetohydrodynamic models of astrophysical jets. <i>Physics-Uspexhi</i> , 2010, 53, 1199-1233.	0.8	87
831	Exploring Binary-Neutron-Star-Merger Scenario of Short-Gamma-Ray Bursts by Gravitational-Wave Observation. <i>Physical Review Letters</i> , 2010, 104, 141101.	2.9	60
832	MAGNETOHYDRODYNAMIC EFFECTS IN RELATIVISTIC EJECTA. <i>International Journal of Modern Physics D</i> , 2010, 19, 991-996.	0.9	0
833	TWO-COMPONENT JETS AND THE FANAROFF-RILEY DICHOTOMY. <i>International Journal of Modern Physics D</i> , 2010, 19, 867-872.	0.9	2
834	ON MAGNETIC SELF-COLLIMATION OF RELATIVISTIC JETS. <i>International Journal of Modern Physics D</i> , 2010, 19, 689-694.	0.9	0
835	EVOLUTION OF SUPERMASSIVE BLACK HOLES FROM COSMOLOGICAL SIMULATIONS. <i>International Journal of Modern Physics D</i> , 2010, 19, 1233-1240.	0.9	12
836	Dual Jets from Binary Black Holes. <i>Science</i> , 2010, 329, 927-930.	6.0	156
837	Analytical Calculation of the Mergers of Black Hole-Neutron Star Binaries. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, 315-321.	1.0	4
838	GAMMA-RAY FLARES FROM RED GIANT/JET INTERACTIONS IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 724, 1517-1523.	1.6	90

#	ARTICLE	IF	CITATIONS
839	Accurate evolutions of unequal-mass neutron-star binaries: properties of the torus and short GRB engines. <i>Classical and Quantum Gravity</i> , 2010, 27, 114105.	1.5	199
840	Gravitational waves from nonspinning black hole-neutron star binaries: Dependence on equations of state. <i>Physical Review D</i> , 2010, 82, .	1.6	101
841	Thick disk accretion in Kerr space-time with arbitrary spin parameters. <i>Physical Review D</i> , 2010, 82, .	1.6	12
842	Motion of charged particles near a weakly magnetized Schwarzschild black hole. <i>Physical Review D</i> , 2010, 82, .	1.6	126
843	Understanding possible electromagnetic counterparts to loud gravitational wave events: Binary black hole effects on electromagnetic fields. <i>Physical Review D</i> , 2010, 81, .	1.6	72
844	Magnetospheres of black hole systems in force-free plasma. <i>Physical Review D</i> , 2010, 82, .	1.6	106
845	Simple waves in relativistic fluids. <i>Physical Review E</i> , 2010, 82, 056305.	0.8	21
846	Gamma Ray Bursts: basic facts and ideas. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 335-343.	0.0	0
847	Controlled Hawking process by quantum energy teleportation. <i>Physical Review D</i> , 2010, 81, .	1.6	21
848	Wheeler Wormholes and the Modern Astrophysics. <i>Astrophysics and Space Science Library</i> , 2010, , 39-56.	1.0	0
849	Vacuum electromagnetic counterparts of binary black-hole mergers. <i>Physical Review D</i> , 2010, 81, .	1.6	66
850	Schwarzschild black holes as unipolar inductors: Expected electromagnetic power of a merger. <i>Physical Review D</i> , 2011, 83, .	1.6	34
851	Quasinormal modes, scattering, and Hawking radiation of Kerr-Newman black holes in a magnetic field. <i>Physical Review D</i> , 2011, 83, .	1.6	34
852	Accretion processes in magnetically and tidally perturbed Schwarzschild black holes. <i>Physical Review D</i> , 2011, 84, .	1.6	2
853	Stability of general-relativistic accretion disks. <i>Physical Review D</i> , 2011, 83, .	1.6	70
854	POPULATION III GAMMA-RAY BURST AFTERGLOWS: CONSTRAINTS ON STELLAR MASSES AND EXTERNAL MEDIUM DENSITIES. <i>Astrophysical Journal</i> , 2011, 731, 127.	1.6	69
855	The stars and stellar evolution. , 2011, , 35-76.		0
856	The dynamics of charged particles in magnetic fields. , 2011, , 178-192.		0

#	ARTICLE	IF	CITATIONS
857	Interstellar gas and magnetic fields. , 2011, , 333-377.		0
858	A POWERFUL AGN OUTBURST IN RBS 797. <i>Astrophysical Journal</i> , 2011, 732, 71.	1.6	44
859	TeV AND MULTI-WAVELENGTH OBSERVATIONS OF Mrk 421 IN 2006-2008. <i>Astrophysical Journal</i> , 2011, 738, 25.	1.6	111
860	EVIDENCE FOR RAPIDLY ROTATING BLACK HOLES IN FANAROFF-RILEY I RADIO GALAXIES. <i>Astrophysical Journal</i> , 2011, 735, 50.	1.6	30
861	CHARGE-STARVED, RELATIVISTIC JETS AND BLAZAR VARIABILITY. <i>Astrophysical Journal</i> , 2011, 729, 104.	1.6	17
862	INTERNAL $\tau_{\text{e}^{-}\text{e}^{-}}$ OPACITY IN ACTIVE GALACTIC NUCLEI AND THE CONSEQUENCES FOR THE TeV OBSERVATIONS OF M87 AND Cen A. <i>Astrophysical Journal</i> , 2011, 736, 98.	1.6	10
863	ESTIMATE OF THE TOTAL MECHANICAL FEEDBACK ENERGY FROM GALAXY CLUSTER-CENTERED BLACK HOLES: IMPLICATIONS FOR BLACK HOLE EVOLUTION, CLUSTER GAS FRACTION, AND ENTROPY. <i>Astrophysical Journal</i> , 2011, 738, 155.	1.6	20
864	Sw 1644+57/GRB 110328A: THE PHYSICAL ORIGIN AND THE COMPOSITION OF THE RELATIVISTIC OUTFLOW. <i>Astrophysical Journal Letters</i> , 2011, 734, L33.	3.0	17
865	UNDERSTANDING GIANT RADIO GALAXY J1420+0545: LARGE-SCALE MORPHOLOGY, ENVIRONMENT, AND ENERGETICS. <i>Astrophysical Journal</i> , 2011, 740, 58.	1.6	16
867	High energy astrophysics – an introduction. , 2011, , 3-34.		13
868	Interactions of high energy photons. , 2011, , 228-278.		0
869	Active galaxies. , 2011, , 585-609.		0
870	The galaxies. , 2011, , 77-98.		0
871	Clusters of galaxies. , 2011, , 99-128.		0
872	Ionisation losses. , 2011, , 131-153.		0
873	Radiation of accelerated charged particles and bremsstrahlung of electrons. , 2011, , 154-177.		1
874	Synchrotron radiation. , 2011, , 193-227.		1
875	Nuclear interactions. , 2011, , 279-297.		0

#	ARTICLE	IF	CITATIONS
876	Aspects of plasma physics and magnetohydrodynamics. , 2011, , 298-330.		0
877	Dead stars. , 2011, , 378-442.		0
878	Accretion power in astrophysics. , 2011, , 443-492.		0
880	The origin of cosmic rays in our Galaxy. , 2011, , 536-560.		0
881	The acceleration of high energy particles. , 2011, , 561-582.		0
882	Black holes in the nuclei of galaxies. , 2011, , 610-636.		0
883	The vicinity of the black hole. , 2011, , 637-660.		0
884	Extragalactic radio sources. , 2011, , 661-680.		0
885	Compact extragalactic sources and superluminal motions. , 2011, , 681-713.		1
886	Cosmological aspects of high energy astrophysics. , 2011, , 714-752.		0
889	SHORT GAMMA-RAY BURSTS: THE MASS OF THE ACCRETION DISK AND THE INITIAL RADIUS OF THE OUTFLOW. Astrophysical Journal, 2011, 739, 47.	1.6	30
890	Low-luminosity AGNs. Astronomy and Astrophysics, 2011, 527, A22.	2.1	3
891	X-RAY AND TeV EMISSIONS FROM HIGH-FREQUENCY-PEAKED BL LAC OBJECTS. Astrophysical Journal Letters, 2011, 742, L32.	3.0	30
892	PAIR PRODUCTION IN LOW-LUMINOSITY GALACTIC NUCLEI. Astrophysical Journal, 2011, 735, 9.	1.6	80
893	THE<i>SUZAKU</i>VIEW OF 3C 382. Astrophysical Journal, 2011, 734, 105.	1.6	31
894	BLACK HOLE SPIN IN Sw J1644+57 and Sw J2058+05. Astrophysical Journal Letters, 2011, 740, L27.	3.0	49
895	FLARING PATTERNS IN BLAZARS. Astrophysical Journal, 2011, 736, 128.	1.6	24
896	BROAD-LINE RADIO GALAXIES OBSERVED WITH<i>FERMI</i>-LAT: THE ORIGIN OF THE GeV γ -RAY EMISSION. Astrophysical Journal, 2011, 740, 29.	1.6	71

#	ARTICLE	IF	CITATIONS
897	The Power form BL Lacs. Journal of Physics: Conference Series, 2011, 280, 012004.	0.3	0
898	Multiwavelength Observations of the Gamma-ray Blazars Detected by AGILE. Journal of Physics: Conference Series, 2011, 280, 012002.	0.3	1
899	Acceleration and emission of MHD driven, relativistic jets. Journal of Physics: Conference Series, 2011, 283, 012015.	0.3	4
900	THE RADIATIVE EFFICIENCY OF ACCRETION FLOWS IN INDIVIDUAL ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2011, 728, 98.	1.6	257
901	MAGNETIC ENERGY BUILDUP FOR RELATIVISTIC MAGNETAR GIANT FLARES. Astrophysical Journal, 2011, 738, 75.	1.6	10
902	SWIFT J1644+57: A WHITE DWARF TIDALLY DISRUPTED BY A $10^4 M_{\odot}$ BLACK HOLE?. Astrophysical Journal, 2011, 743, 134.	1.6	91
903	CAN GAMMA-RAY BURST JETS BREAK OUT THE FIRST STARS?. Astrophysical Journal, 2011, 726, 107.	1.6	88
904	SYNCHROTRON RADIATION OF SELF-COLLIMATING RELATIVISTIC MAGNETOHYDRODYNAMIC JETS. Astrophysical Journal, 2011, 737, 42.	1.6	87
905	ARE RADIO ACTIVE GALACTIC NUCLEI POWERED BY ACCRETION OR BLACK HOLE SPIN?. Astrophysical Journal, 2011, 727, 39.	1.6	110
906	THE LARGE-SCALE MAGNETIC FIELDS OF ADVECTION-DOMINATED ACCRETION FLOWS. Astrophysical Journal, 2011, 737, 94.	1.6	70
907	AFTERGLOW OBSERVATIONS OF FERMI-LARGE AREA TELESCOPE GAMMA-RAY BURSTS AND THE EMERGING CLASS OF HYPER-ENERGETIC EVENTS. Astrophysical Journal, 2011, 732, 29.	1.6	145
908	EXTENDED X-RAY EMISSION IN THE VICINITY OF THE MICROQUASAR LS 5039: PULSAR WIND NEBULA?. Astrophysical Journal, 2011, 735, 58.	1.6	20
909	THE SPIN OF THE SUPERMASSIVE BLACK HOLE IN NGC 3783. Astrophysical Journal, 2011, 736, 103.	1.6	163
910	AFTERGLOW OF A BINARY NEUTRON STAR MERGER. Astrophysical Journal Letters, 2011, 734, L36.	3.0	52
911	FORMATION OF BLACK HOLE AND ACCRETION DISK IN A MASSIVE HIGH-ENTROPY STELLAR CORE COLLAPSE. Astrophysical Journal, 2011, 737, 6.	1.6	67
912	THE EXTREME SPIN OF THE BLACK HOLE IN CYGNUS X-1. Astrophysical Journal, 2011, 742, 85.	1.6	224
913	THE MISSING LINK: MERGING NEUTRON STARS NATURALLY PRODUCE JET-LIKE STRUCTURES AND CAN POWER SHORT GAMMA-RAY BURSTS. Astrophysical Journal Letters, 2011, 732, L6.	3.0	383
914	KERR PARAMETERS FOR STELLAR MASS BLACK HOLES AND THEIR CONSEQUENCES FOR GAMMA-RAY BURSTS AND HYPERNOVAE. Astrophysical Journal, 2011, 727, 29.	1.6	14

#	ARTICLE	IF	CITATIONS
915	Grand unification of AGN activity in the Λ CDM cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 410, 53-74.	1.6	217
916	Outflow rates in a black hole environment in presence of a dissipative standing shock. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2414-2421.	1.6	25
917	Long-duration gamma-ray bursts: hydrodynamic instabilities in collapsar discs. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2385-2413.	1.6	24
918	Dynamics of strongly magnetized ejecta in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2011, 411, 422-426.	1.6	28
919	Iron line profiles in Suzaku spectra of bare Seyfert galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 411, 2353-2370.	1.6	70
920	A high-order WENO-based staggered Godunov-type scheme with constrained transport for force-free electrodynamics. Monthly Notices of the Royal Astronomical Society, 2011, 411, 2461-2470.	1.6	23
921	The need for hypercritical accretion in massive black hole binaries with large Kerr parameters. Monthly Notices of the Royal Astronomical Society, 2011, 413, 183-189.	1.6	20
922	Investigating a sample of strong cool core, highly luminous clusters with radiatively inefficient nuclei. Monthly Notices of the Royal Astronomical Society, 2011, 413, 313-321.	1.6	27
923	The protomagnetar model for gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2031-2056.	1.6	493
924	Locating positions of γ -ray-emitting regions in blazars. Monthly Notices of the Royal Astronomical Society, 2011, 414, 155-166.	1.6	12
925	Estimates of black hole spin properties of 55 sources. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1253-1262.	1.6	61
926	Observational constraints on the spin of the most massive black holes from radio observations. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1937-1964.	1.6	53
927	Host galaxy-active galactic nucleus alignments in the Sloan Digital Sky Survey Data Release 7. Monthly Notices of the Royal Astronomical Society, 2011, 414, 2148-2162.	1.6	43
928	Accretion states of the Galactic microquasar GRS J1758+258. Monthly Notices of the Royal Astronomical Society, 2011, 415, 410-424.	1.6	20
929	Signatures of large-scale magnetic fields in active galactic nuclei jets: transverse asymmetries. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2081-2092.	1.6	51
930	The influence of spin on jet power in neutron star X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2407-2416.	1.6	44
931	Heavy nuclei synthesized in gamma-ray burst outflows as the source of ultrahigh energy cosmic rays. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2495-2504.	1.6	42
932	Bondi flow from a slowly rotating hot atmosphere. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3721-3730.	1.6	59

#	ARTICLE	IF	CITATIONS
933	Is there really a dichotomy in active galactic nucleus jet power?. Monthly Notices of the Royal Astronomical Society, 2011, 417, 184-197.	1.6	36
934	On the origin of radio loudness in active galactic nuclei and its relationship with the properties of the central supermassive black hole. Monthly Notices of the Royal Astronomical Society, 2011, 416, 917-926.	1.6	87
935	The spin of the black hole microquasar XTE J1550-564 via the continuum-fitting and Fe-line methods. Monthly Notices of the Royal Astronomical Society, 2011, 416, 941-958.	1.6	145
936	Maximal spin and energy conversion efficiency in a symbiotic system of black hole, disc and jet. Monthly Notices of the Royal Astronomical Society, 2011, 416, 991-1009.	1.6	5
937	Jet formation in the magnetospheres of supermassive black holes: analytic solutions describing energy loss through Blandford-Znajek processes. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1098-1104.	1.6	14
938	Model of the extended emission of short gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2161-2165.	1.6	67
939	High-frequency very long baseline interferometry studies of NRAO 530. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2260-2272.	1.6	16
940	The high-energy view of the broad-line radio galaxy 3C 111. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2367-2380.	1.6	16
941	Variation of the $\hat{\Gamma}^3$ opacity by the He II Lyman continuum constrains the location of the $\hat{\Gamma}^3$ -ray emission region in the blazar 3C 454.3. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 417, L11-L15.	1.2	38
942	Efficient generation of jets from magnetically arrested accretion on a rapidly spinning black hole. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 418, L79-L83.	1.2	771
943	Evidence for cosmic evolution in the spin of the most massive black holes. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 418, L84-L88.	1.2	7
944	3+1 magnetodynamics. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 418, L94-L98.	1.2	22
945	Perturbative analysis of a stationary magnetosphere in an extreme black hole space-time: on the Meissner-like effect of an extreme black hole. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2417-2432.	1.6	9
946	Assessing black hole spin in deep Suzaku observations of Seyfert 1 AGN. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2725-2747.	1.6	50
947	ELECTROMAGNETIC EXTRACTION OF ENERGY FROM BLACK-HOLE NEUTRON-STAR BINARIES. Astrophysical Journal, 2011, 742, 90.	1.6	86
948	Nuclear astrophysics: the unfinished quest for the origin of the elements. Reports on Progress in Physics, 2011, 74, 096901.	8.1	57
949	Intermediate-mass black holes in globular clusters: constraints on the spin of a black hole. Astrophysics, 2011, 54, 548-552.	0.1	15
950	Magnetic fields and quasi-periodic oscillations of black hole radiation. Astrophysical Bulletin, 2011, 66, 320-324.	0.3	16

#	ARTICLE	IF	CITATIONS
951	Spectropolarimetric observations of active galactic nuclei with the 6-m BTA telescope. <i>Astronomy Letters</i> , 2011, 37, 302-310.	0.1	25
952	The spectrum of electromagnetic jets from Kerr black holes and naked singularities in the Teukolsky perturbation theory. <i>Astrophysics and Space Science</i> , 2011, 332, 385-401.	0.5	8
953	Gravitational and electromagnetic emission by magnetized coalescing binary systems. <i>Astrophysics and Space Science</i> , 2011, 333, 29-35.	0.5	5
954	Unification of Radio Galaxies and their Accretion Jet Properties. <i>Journal of Astrophysics and Astronomy</i> , 2011, 32, 223-226.	0.4	2
955	Hydrodynamic and hydromagnetic stability of black holes with radiative transfer. <i>Pramana - Journal of Physics</i> , 2011, 77, 53-66.	0.9	0
956	Open questions in GRB physics. <i>Comptes Rendus Physique</i> , 2011, 12, 206-225.	0.3	100
957	Accretion of a massive magnetized torus on a rotating black hole. <i>New Astronomy</i> , 2011, 16, 46-56.	0.8	40
958	Photon and neutrino emission from active galactic nuclei. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 217, 284-286.	0.5	4
959	BL Lacs bright in rays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 265-268.	0.7	0
960	Rotating Black Holes as Central Engines of Long Gamma-Ray Bursts: Faster is Better. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, 1243-1249.	1.0	22
961	Broad band simulation of Gamma Ray Bursts (GRB) prompt emission in presence of an external magnetic field. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 001-001.	1.9	7
962	Measuring the spins of accreting black holes. <i>Classical and Quantum Gravity</i> , 2011, 28, 114009.	1.5	231
963	Robustness of the Blandford-Znajek mechanism. <i>Classical and Quantum Gravity</i> , 2011, 28, 134007.	1.5	39
964	Slowly balding black holes. <i>Physical Review D</i> , 2011, 84, .	1.6	39
965	High energy neutrino emission from the earliest gamma-ray bursts. <i>Physical Review D</i> , 2011, 83, .	1.6	15
966	Electromagnetic power of merging and collapsing compact objects. <i>Physical Review D</i> , 2011, 83, .	1.6	49
967	Gravitational waves from spinning black hole-neutron star binaries: dependence on black hole spins and on neutron star equations of state. <i>Physical Review D</i> , 2011, 84, .	1.6	117
968	Black holes with current loops revisited. <i>Physical Review D</i> , 2011, 83, .	1.6	3

#	ARTICLE	IF	CITATIONS
969	RADIO PROPERTIES OF LOW-REDSHIFT BROAD-LINE ACTIVE GALACTIC NUCLEI INCLUDING EXTENDED RADIO SOURCES. <i>Astronomical Journal</i> , 2011, 141, 85.	1.9	12
970	A SECOND-ORDER GODUNOV METHOD FOR MULTI-DIMENSIONAL RELATIVISTIC MAGNETOHYDRODYNAMICS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 6.	3.0	96
971	Accretion and jet power in active galactic nuclei. <i>Research in Astronomy and Astrophysics</i> , 2011, 11, 1266-1278.	0.7	34
972	A Constraint of Black Hole Mass and the Inner Edge Radius of Relativistic Accretion Disc. <i>Chinese Physics Letters</i> , 2011, 28, 039701.	1.3	0
973	BLAZARS IN THE <i>FERMI</i> ERA: THE OVRO 40 m TELESCOPE MONITORING PROGRAM. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 29.	3.0	394
974	TESTING THE JET QUENCHING PARADIGM WITH AN ULTRADEEP OBSERVATION OF A STEADILY SOFT STATE BLACK HOLE. <i>Astrophysical Journal Letters</i> , 2011, 739, L19.	3.0	93
975	HIGH JET EFFICIENCY AND SIMULATIONS OF BLACK HOLE MAGNETOSPHERES. <i>Astrophysical Journal Letters</i> , 2011, 728, L17.	3.0	26
976	SPECTRAL EVOLUTION OF LONG GAMMA-RAY BURST PROMPT EMISSION: ELECTROSTATIC ACCELERATION AND ADIABATIC EXPANSION. <i>Astrophysical Journal Letters</i> , 2011, 727, L1.	3.0	10
977	NON-COMMUTATIVE KERR BLACK HOLE. <i>International Journal of Geometric Methods in Modern Physics</i> , 2011, 08, 657-668.	0.8	10
978	THREE-DIMENSIONAL RELATIVISTIC MAGNETOHYDRODYNAMIC SIMULATIONS OF CURRENT-DRIVEN INSTABILITY WITH A SUB-ALFVÄNIC JET: TEMPORAL PROPERTIES. <i>Astrophysical Journal</i> , 2011, 734, 19.	1.6	49
979	NONTHERMAL PROCESSES IN BLACK HOLE-JET MAGNETOSPHERES – INVITED REVIEW. <i>International Journal of Modern Physics D</i> , 2011, 20, 1547-1596.	0.9	36
980	MODEL DEPENDENCE OF OUTFLOW RATES FROM AN ACCRETION DISK IN PRESENCE OF A DISSIPATIVE STANDING SHOCK. <i>International Journal of Modern Physics D</i> , 2011, 20, 2507-2523.	0.9	6
981	Numerical modeling of relativistic particle shock acceleration. <i>Astrophysics and Space Sciences Transactions</i> , 2011, 7, 287-294.	1.0	2
982	Active black holes: Relevant plasma structures, regimes and processes involving all phase space. <i>Physics of Plasmas</i> , 2011, 18, 032901.	0.7	2
983	Peculiar Black-Hole Unipolar Induction: Fig. 1.. <i>Publication of the Astronomical Society of Japan</i> , 2012, 64, 50.	1.0	5
984	Explosive Nucleosynthesis in Magnetohydrodynamical Jets from Collapsars. II: – Heavy-Element Nucleosynthesis of s, p, r-Processes –. <i>Progress of Theoretical Physics</i> , 2012, 128, 741-765.	2.0	28
985	A Practical Guide to the Massive Black Hole Cosmic History. <i>Advances in Astronomy</i> , 2012, 2012, 1-16.	0.5	15
986	Numerical simulations of compact object binaries. <i>Classical and Quantum Gravity</i> , 2012, 29, 124004.	1.5	51

#	ARTICLE	IF	CITATIONS
987	The Jet-Disk Symbiosis in Blazar and Unified Model of FSRQs and BL Lac Objects. Publication of the Astronomical Society of Japan, 2012, 64, 33.	1.0	1
988	Gamma-ray bursts and their links with supernovae and cosmology. Research in Astronomy and Astrophysics, 2012, 12, 1139-1161.	0.7	16
989	THE STRUCTURE OF THE M87 JET: A TRANSITION FROM PARABOLIC TO CONICAL STREAMLINES. Astrophysical Journal Letters, 2012, 745, L28.	3.0	227
990	Probing the space-time geometry around black hole candidates with the resonance models for high-frequency QPOs and comparison with the continuum-fitting method. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 014-014.	1.9	85
991	String loops in the field of braneworld spherically symmetric black holes and naked singularities. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 008-008.	1.9	38
992	High energy neutrinos from dissipative photospheric models of gamma ray bursts. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 058-058.	1.9	43
993	GRB prompt emission: Open questions, debates, and a personal view. , 2012, , .		0
994	Motion of charged particles and quasinormal modes around the magnetically and tidally deformed black hole. Physical Review D, 2012, 86, .	1.6	8
995	Intense electromagnetic outbursts from collapsing hypermassive neutron stars. Physical Review D, 2012, 86, .	1.6	78
996	Testing the Kerr nature of stellar-mass black hole candidates by combining the continuum-fitting method and the power estimate of transient ballistic jets. Physical Review D, 2012, 85, .	1.6	69
997	Black-hole“neutron-star mergers: Disk mass predictions. Physical Review D, 2012, 86, .	1.6	190
998	Black-hole spin dependence in the light curves of tidal disruption events. Physical Review D, 2012, 86, .	1.6	46
999	Attempt to find a correlation between the spin of stellar-mass black hole candidates and the power of steady jets: Relaxing the Kerr black hole hypothesis. Physical Review D, 2012, 86, .	1.6	42
1000	General-relativistic simulations of black-hole“neutron-star mergers: Effects of tilted magnetic fields. Physical Review D, 2012, 86, .	1.6	62
1001	OBSERVATIONAL EVIDENCES FOR SPINNING BLACK HOLES: A PROOF OF GENERAL RELATIVITY FOR SPACETIME AROUND ROTATING BLACK HOLES. International Journal of Modern Physics D, 2012, 21, 1250086.	0.9	7
1002	Mechanical feedback from active galactic nuclei in galaxies, groups and clusters. New Journal of Physics, 2012, 14, 055023.	1.2	471
1003	THREE-DIMENSIONAL RELATIVISTIC MAGNETOHYDRODYNAMIC SIMULATIONS OF CURRENT-DRIVEN INSTABILITY. III. ROTATING RELATIVISTIC JETS. Astrophysical Journal, 2012, 757, 16.	1.6	81
1004	DAVIES CRITICAL POINT AND TUNNELING. International Journal of Modern Physics D, 2012, 21, 1250032.	0.9	0

#	ARTICLE	IF	CITATIONS
1005	A two-component jet model based on the Blandford-Znajek and Blandford-Payne processes. Research in Astronomy and Astrophysics, 2012, 12, 817-828.	0.7	14
1006	Relativistic jets and Cosmic ray acceleration. EAS Publications Series, 2012, 58, 27-31.	0.3	0
1007	CIRCUMBINARY MAGNETOHYDRODYNAMIC ACCRETION INTO INSPIRALING BINARY BLACK HOLES. Astrophysical Journal, 2012, 755, 51.	1.6	147
1008	ROTATING NON-KERR BLACK HOLE AND ENERGY EXTRACTION. Astrophysical Journal, 2012, 751, 148.	1.6	28
1009	EPISODIC JETS AS THE CENTRAL ENGINE OF GAMMA-RAY BURSTS. Astrophysical Journal, 2012, 757, 56.	1.6	49
1010	MAGIC observations of the giant radio galaxy M87 in a low-emission state between 2005 and 2007. Astronomy and Astrophysics, 2012, 544, A96.	2.1	25
1011	JETTED ACTIVE GALACTIC NUCLEI. International Journal of Modern Physics Conference Series, 2012, 08, 1-12.	0.7	5
1012	Radiation Magnetohydrodynamics for Black Hole-Torus System in Full General Relativity: A Step toward Physical Simulation. Progress of Theoretical Physics, 2012, 127, 535-559.	2.0	33
1013	RAPID TeV VARIABILITY IN BLAZARS AS A RESULT OF JET-STAR INTERACTION. Astrophysical Journal, 2012, 749, 119.	1.6	82
1014	JET MODELS FOR NEUTRON STAR X-RAY BINARIES. International Journal of Modern Physics Conference Series, 2012, 08, 108-113.	0.7	5
1015	Formation and propagation of MHD jets - relativistic jets, radiation pressure, and shock-induced rotation. Journal of Physics: Conference Series, 2012, 372, 012011.	0.3	1
1016	NON-THERMAL EMISSION FROM GALACTIC JETS. International Journal of Modern Physics Conference Series, 2012, 08, 84-95.	0.7	1
1017	ON THE ROLE OF THE ACCRETION DISK IN BLACK HOLE DISK-JET CONNECTIONS. Astrophysical Journal, 2012, 757, 11.	1.6	56
1018	Models for gamma-ray burst progenitors and central engines. , 2012, , 191-214.		6
1019	INTERACTION BETWEEN DARK MATTER SUB-HALOS AND A GALACTIC GASEOUS DISK. Astrophysical Journal, 2012, 746, 10.	1.6	21
1020	A CHANDRA SURVEY OF SUPERMASSIVE BLACK HOLES WITH DYNAMICAL MASS MEASUREMENTS. Astrophysical Journal, 2012, 749, 129.	1.6	22
1021	LORENTZ-FACTOR ISOTROPIC-LUMINOSITY/ENERGY CORRELATIONS OF GAMMA-RAY BURSTS AND THEIR INTERPRETATION. Astrophysical Journal, 2012, 751, 49.	1.6	96
1022	WHAT GOVERNS THE BULK VELOCITY OF THE JET COMPONENTS IN ACTIVE GALACTIC NUCLEI?. Astrophysical Journal, 2012, 759, 114.	1.6	43

#	ARTICLE	IF	CITATIONS
1023	ERRATIC JET WOBBLING IN THE BL LACERTAE OBJECT OJ287 REVEALED BY SIXTEEN YEARS OF 7 mm VLBA OBSERVATIONS. <i>Astrophysical Journal</i> , 2012, 747, 63.	1.6	69
1024	THE DISK-WIND-JET CONNECTION IN THE BLACK HOLE H 1743â€“322. <i>Astrophysical Journal Letters</i> , 2012, 759, L6.	3.0	58
1025	SWIFT J164449.3+573451: A PLUNGING EVENT WITH A POYNTING-FLUX-DOMINATED OUTFLOW. <i>Astrophysical Journal</i> , 2012, 761, 113.	1.6	7
1026	GAMMA-RAY BURST DYNAMICS AND AFTERGLOW RADIATION FROM ADAPTIVE MESH REFINEMENT, SPECIAL RELATIVISTIC HYDRODYNAMIC SIMULATIONS. <i>Astrophysical Journal</i> , 2012, 746, 122.	1.6	61
1027	TESTS OF GENERAL RELATIVITY IN THE STRONG-GRAVITY REGIME BASED ON X-RAY SPECTROPOLARIMETRIC OBSERVATIONS OF BLACK HOLES IN X-RAY BINARIES. <i>Astrophysical Journal</i> , 2012, 754, 133.	1.6	83
1028	On the role of black hole spin and accretion in powering relativistic jets in AGN. <i>Journal of Physics: Conference Series</i> , 2012, 355, 012016.	0.3	14
1029	General Relativistic Modeling of Magnetized Jets from Accreting Black Holes. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012040.	0.3	79
1030	Faraday rotation in the MOJAVE blazars: 3C 273 a case study. <i>Journal of Physics: Conference Series</i> , 2012, 355, 012008.	0.3	2
1031	The energy source of the most energetic giant outbursts in MS 0735 + 7421. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 257-258.	0.0	0
1032	RADIO MONITORING OF THE TIDAL DISRUPTION EVENT SWIFT J164449.3+573451. I. JET ENERGETICS AND THE PRISTINE PARSEC-SCALE ENVIRONMENT OF A SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal</i> , 2012, 748, 36.	1.6	132
1033	THE LIFETIME AND POWERS OF FR IIs IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2012, 756, 116.	1.6	25
1034	LAUNCHING AND QUENCHING OF BLACK HOLE RELATIVISTIC JETS AT LOW ACCRETION RATE. <i>Astrophysical Journal</i> , 2012, 758, 113.	1.6	6
1035	DISCLOSING THE RADIO LOUDNESS DISTRIBUTION DICHOTOMY IN QUASARS: AN UNBIASED MONTE CARLO APPROACH APPLIED TO THE SDSS-FIRST QUASAR SAMPLE. <i>Astrophysical Journal</i> , 2012, 759, 30.	1.6	56
1036	EVIDENCE FOR GAMMA-RAY JETS IN THE MILKY WAY. <i>Astrophysical Journal</i> , 2012, 753, 61.	1.6	81
1037	A MONTE CARLO MARKOV CHAIN BASED INVESTIGATION OF BLACK HOLE SPIN IN THE ACTIVE GALAXY NGC 3783. <i>Astrophysical Journal</i> , 2012, 755, 88.	1.6	70
1038	A COMPREHENSIVE ANALYSIS OF FERMI GAMMA-RAY BURST DATA. II. E_p EVOLUTION PATTERNS AND IMPLICATIONS FOR THE OBSERVED SPECTRUM-LUMINOSITY RELATIONS. <i>Astrophysical Journal</i> , 2012, 756, 112.	1.6	116
1039	A JET BREAK IN THE X-RAY LIGHT CURVE OF SHORT GRB 111020A: IMPLICATIONS FOR ENERGETICS AND RATES. <i>Astrophysical Journal</i> , 2012, 756, 189.	1.6	101
1040	Probing Black Hole Gravity. <i>Science</i> , 2012, 337, 916-917.	6.0	0

#	ARTICLE	IF	CITATIONS
1041	Why are active galactic nuclei and host galaxies misaligned?. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1121-1128.	1.6	42
1042	Optical and radio properties of giant radio quasars: central black hole characteristics. Monthly Notices of the Royal Astronomical Society, 2012, 426, 851-867.	1.6	23
1043	Magnetic Fields in Astrophysical Jets: From Launch to Termination. Space Science Reviews, 2012, 169, 27-72.	3.7	78
1044	Particle Acceleration in Relativistic Outflows. Space Science Reviews, 2012, 173, 309-339.	3.7	74
1045	Acceleration of string loops in the Schwarzschild-deSitter geometry. Physical Review D, 2012, 85, .	1.6	19
1046	Magnetized black hole on the Taub-NUT instanton. Physical Review D, 2012, 85, .	1.6	12
1047	Gravitomagnetism and spinor quantum mechanics. Physical Review D, 2012, 85, .	1.6	17
1048	Collisions of charged black holes. Physical Review D, 2012, 85, .	1.6	49
1049	PheniX: a new vision for the hard X-ray sky. Experimental Astronomy, 2012, 34, 489-517.	1.6	17
1050	Jet-Launching Structure Resolved Near the Supermassive Black Hole in M87. Science, 2012, 338, 355-358.	6.0	336
1051	General relativistic magnetohydrodynamic simulations of accretion on to Sgr A*: how important are radiative losses?. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1928-1939.	1.6	70
1052	A Suzaku survey of Fe K lines in Seyfert 1 active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2522-2565.	1.6	106
1053	Jets and gamma-ray emission from isolated accreting black holes. Monthly Notices of the Royal Astronomical Society, 2012, 427, 589-594.	1.6	14
1054	PKS 2123+463: a confirmed γ -ray blazar at high redshift. Monthly Notices of the Royal Astronomical Society, 2012, 427, 893-900.	1.6	9
1055	Star formation in high-redshift quasars: excess [O III] emission in the radio-loud population. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2401-2410.	1.6	40
1056	Models of Quasars. Astrophysics and Space Science Library, 2012, , 337-437.	1.0	0
1057	Fifty Years of Quasars: Current Impressions and Future Perspectives. Astrophysics and Space Science Library, 2012, , 549-570.	1.0	6
1058	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. VIII. FARADAY ROTATION IN PARSEC-SCALE AGN JETS. Astronomical Journal, 2012, 144, 105.	1.9	174

#	ARTICLE	IF	CITATIONS
1059	Black Hole Astrophysics. , 2012, , .		89
1060	The correlation between the Doppler factor and broad line region luminosity in blazars. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1938-1944.	2.0	2
1061	Determining the spins of supermassive black holes in Active Galactic Nuclei based on spectropolarimetric observations. Astronomy Reports, 2012, 56, 573-577.	0.2	10
1062	Ultrahigh energy neutrinos from population III stars: Concept and constraints. Physical Review D, 2012, 85, .	1.6	15
1063	JET STABILITY, DYNAMICS AND ENERGY TRANSPORT. International Journal of Modern Physics Conference Series, 2012, 08, 241-252.	0.7	13
1064	Dynamo effect of spacetime curvature in force-free magnetospheres. Physical Review D, 2012, 85, .	1.6	1
1065	ON THE DETECTABILITY OF DUAL JETS FROM BINARY BLACK HOLES. Astrophysical Journal Letters, 2012, 749, L32.	3.0	62
1066	ACCURATE SIMULATIONS OF BINARY BLACK HOLE MERGERS IN FORCE-FREE ELECTRODYNAMICS. Astrophysical Journal, 2012, 754, 36.	1.6	82
1067	Outbursts from the secondary component in OJ 287 and the secondary spin-up. EPJ Web of Conferences, 2012, 39, 06006.	0.1	1
1068	JETS FROM TIDAL DISRUPTIONS OF STARS BY BLACK HOLES. Astrophysical Journal, 2012, 749, 92.	1.6	48
1069	RADIAL ANGULAR MOMENTUM TRANSFER AND MAGNETIC BARRIER FOR SHORT-TYPE GAMMA-RAY-BURST CENTRAL ENGINE ACTIVITY. Astrophysical Journal, 2012, 760, 63.	1.6	35
1070	THE LUMINOSITY FUNCTION OF <i>FERMI</i> -DETECTED FLAT-SPECTRUM RADIO QUASARS. Astrophysical Journal, 2012, 751, 108.	1.6	194
1071	THE BLACK HOLE SPIN AND SOFT X-RAY EXCESS OF THE LUMINOUS SEYFERT GALAXY FAIRALL 9. Astrophysical Journal, 2012, 758, 67.	1.6	57
1072	Polarization of synchrotron emission from relativistic reconfinement shocks with ordered magnetic fields. Astronomy and Astrophysics, 2012, 543, A115.	2.1	6
1073	CALORIMETRY OF ACTIVE GALACTIC NUCLEUS JETS: TESTING PLASMA COMPOSITION IN CYGNUS A. Astrophysical Journal, 2012, 751, 101.	1.6	21
1074	GRAVITATIONAL WAVE SIGNATURES OF HYPERACCRETING COLLAPSAR DISKS. Astrophysical Journal, 2012, 755, 84.	1.6	16
1075	ACCRETION DISKS AROUND KICKED BLACK HOLES: POST-KICK DYNAMICS. Astrophysical Journal, 2012, 745, 71.	1.6	16
1076	Prompt emission from tidal disruptions of white dwarfs by intermediate mass black holes. EPJ Web of Conferences, 2012, 39, 02007.	0.1	3

#	ARTICLE	IF	CITATIONS
1077	3D simulations of microquasar jets in clumpy stellar winds. <i>Astronomy and Astrophysics</i> , 2012, 539, A57.	2.1	28
1078	A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. I. FLARES AND EARLY SHALLOW-DECAY COMPONENT. <i>Astrophysical Journal</i> , 2012, 758, 27.	1.6	99
1079	Clouds and red giants interacting with the base of AGN jets. <i>Astronomy and Astrophysics</i> , 2012, 539, A69.	2.1	59
1080	Origin of the X-ray disc-reflection steep radial emissivity. <i>Astronomy and Astrophysics</i> , 2012, 545, A106.	2.1	40
1081	A two-component model for the high-energy variability of blazars. <i>Astronomy and Astrophysics</i> , 2012, 545, A125.	2.1	14
1082	Dense Electron-Positron Plasmas and Ultraintense γ rays from Laser-Irradiated Solids. <i>Physical Review Letters</i> , 2012, 108, 165006.	2.9	384
1083	STOCHASTIC VARIABILITY IN X-RAY EMISSION FROM THE BLACK HOLE BINARY GRS 1915+105. <i>Astronomical Journal</i> , 2012, 143, 148.	1.9	11
1084	Discovery of Black Hole Spindown in the BATSE Catalogue of Long GRBs. <i>Progress of Theoretical Physics</i> , 2012, 127, 331-354.	2.0	11
1085	Jet magnetically accelerated from disk-corona around a rotating black hole. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 880-887.	2.0	3
1086	High Energy Emissions from Young Stellar Objects. <i>Journal of Astrophysics and Astronomy</i> , 2012, 33, 1-8.	0.4	0
1087	Diffusive and Shock-Drift Acceleration in Relativistic Shocks. <i>Few-Body Systems</i> , 2012, 53, 157-165.	0.7	1
1088	1H α 495 in 2011: an X-ray source within a gravitational radius of the event horizon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 116-123.	1.6	114
1089	The evolution of active galactic nuclei across cosmic time: what is downsizing?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2797-2820.	1.6	156
1090	Magnetic field structure of relativistic jets without current sheets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 3048-3059.	1.6	14
1091	A disc-corona model for a rotating black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 1415-1422.	1.6	4
1092	Observational evidence for a correlation between jet power and black hole spin. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 419, L69-L73.	1.2	192
1093	On the efficiency of the Blandford-Znajek mechanism for low angular momentum relativistic accretion. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 421, L24-L28.	1.2	5
1094	Prograde and retrograde black holes: whose jet is more powerful?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 423, L55-L59.	1.2	158

#	ARTICLE	IF	CITATIONS
1095	Internal shock model for the X-ray flares of Swift J1644+57. Monthly Notices of the Royal Astronomical Society, 2012, , no-no.	1.6	1
1096	Direct wind accretion and jet launch in binary systems. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1351-1359.	1.6	21
1097	Discovery of $\hat{\nu}^3$ -ray emission from the broad-line radio galaxy Pictor A. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2303-2309.	1.6	19
1098	Radio imaging of the Subaru/XMM-Newton Deep Field- III. Evolution of the radio luminosity function beyond $z=1$. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3060-3083.	1.6	101
1099	Shock dissipation in magnetically dominated impulsive flows. Monthly Notices of the Royal Astronomical Society, 2012, 422, 326-346.	1.6	41
1100	The role of the ergosphere in the Blandford-Znajek process. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1300-1308.	1.6	24
1101	Introducing phaedra: a new spectral code for simulations of relativistic magnetospheres. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1416-1436.	1.6	76
1102	The evolution of massive black holes and their spins in their galactic hosts. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2533-2557.	1.6	187
1103	General relativistic magnetohydrodynamic simulations of magnetically choked accretion flows around black holes. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3083-3117.	1.6	666
1104	On the viability of gravitational Bose-Einstein condensates as alternatives to supermassive black holes. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2893-2900.	1.6	7
1105	The eye of the storm: light from the inner plunging region of black hole accretion discs. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2504-2521.	1.6	75
1106	No correlation between disc scale height and jet power in GRMHD simulations. Monthly Notices of the Royal Astronomical Society, 2012, 424, 524-531.	1.6	21
1107	Fundamental properties of Fanaroff-Riley type II radio galaxies investigated via Monte Carlo simulations. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2028-2054.	1.6	8
1108	Transport of magnetic flux and the vertical structure of accretion discs - I. Uniform diffusion coefficients. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2097-2117.	1.6	78
1109	A Giant Metrewave Radio Telescope/Chandra view of IRAS 09104+4109: a type 2 QSO in a cooling flow. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2971-2993.	1.6	40
1110	The properties of long gamma-ray bursts in massive compact binaries. Monthly Notices of the Royal Astronomical Society, 2012, 425, 470-476.	1.6	3
1111	Active galactic nuclei "the physics of individual sources and the cosmic history of formation and evolution. Frontiers of Physics, 2013, 8, 609-629.	2.4	12
1112	Black hole binaries and microquasars. Frontiers of Physics, 2013, 8, 630-660.	2.4	45

#	ARTICLE	IF	CITATIONS
1113	On the structure of the magnetic field near a black hole in active galactic nuclei. <i>Astronomy Letters</i> , 2013, 39, 215-220.	0.1	17
1114	AGN IIIâ€™ primordial activity in the nuclei of disk galaxies with pseudobulges. <i>Astronomy Reports</i> , 2013, 57, 401-409.	0.2	2
1115	Rapid growth of superradiant instabilities for charged black holes in a cavity. <i>Physical Review D</i> , 2013, 88, .	1.6	98
1116	Identification and properties of host galaxies of RCR radio sources. <i>Astrophysical Bulletin</i> , 2013, 68, 26-39.	0.3	15
1117	Big black hole, little neutron star: Magnetic dipole fields in the Rindler spacetime. <i>Physical Review D</i> , 2013, 88, .	1.6	22
1118	Baryons in the relativistic jets of the stellar-mass black-hole candidate 4Uâ€™1630-47. <i>Nature</i> , 2013, 504, 260-262.	13.7	94
1119	STAR-JET INTERACTIONS AND GAMMA-RAY OUTBURSTS FROM 3C454.3. <i>Astrophysical Journal</i> , 2013, 774, 113.	1.6	41
1120	Evidence for a large-scale helical magnetic field in the quasar 3C454.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3341-3356.	1.6	34
1121	Magnetic fields in $\hat{\beta}$ -ray bursts. <i>Nature</i> , 2013, 504, 92-93.	13.7	1
1122	Energy, momentum and mass outflows and feedback from thick accretion discs around rotating black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3856-3874.	1.6	143
1123	The case for massive, evolving winds in black hole X-ray binaries. <i>Advances in Space Research</i> , 2013, 52, 732-739.	1.2	21
1124	A new scheme for matching general relativistic ideal magnetohydrodynamics to its force-free limit. <i>Physical Review D</i> , 2013, 88, .	1.6	29
1125	Absorption and scattering of scalar wave from Schwarzschild black hole surrounded by magnetic field. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	15
1126	Broad line and multi-wave luminosity relations in Fermi FSRQs. <i>Astrophysics and Space Science</i> , 2013, 345, 345-354.	0.5	2
1127	News and Views: Challenges of Relativistic Astrophysics. <i>Brazilian Journal of Physics</i> , 2013, 43, 304-307.	0.7	0
1128	Spacetime emergence via holographic RG flow from incompressible Navier-Stokes at the horizon. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	21
1129	Some highlights of the first four years of the Fermi Gamma-ray Space Telescope. <i>Frontiers of Physics</i> , 2013, 8, 693-713.	2.4	1
1130	Simulations to Usher in the Era of Gravitational Wave Astronomy. <i>Computing in Science and Engineering</i> , 2013, 15, 60-65.	1.2	0

#	ARTICLE	IF	CITATIONS
1131	Magnetic fields of accretion disks and outflows in prograde and retrograde black holes. <i>Astronomische Nachrichten</i> , 2013, 334, 264-267.	0.6	1
1132	Constraints on supermassive black hole spins from observations of active galaxy jets. <i>Astronomische Nachrichten</i> , 2013, 334, 1024-1027.	0.6	3
1133	General relativistic magnetohydrodynamic simulations of Blandford-Znajek jets and the membrane paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3741-3758.	1.6	84
1134	EXPLICIT-IMPLICIT SCHEME FOR RELATIVISTIC RADIATION HYDRODYNAMICS. <i>Astrophysical Journal</i> , 2013, 764, 122.	1.6	27
1135	Dense electron-positron plasmas and bursts of gamma-rays from laser-generated quantum electrodynamic plasmas. <i>Physics of Plasmas</i> , 2013, 20, .	0.7	104
1136	Pulsations in short gamma ray bursts from black hole-neutron star mergers. <i>Physical Review D</i> , 2013, 87, .	1.6	43
1137	How gravitational-wave observations can shape the gamma-ray burst paradigm. <i>Classical and Quantum Gravity</i> , 2013, 30, 123001.	1.5	91
1138	A PHYSICAL LINK BETWEEN JET FORMATION AND HOT PLASMA IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013, 770, 31.	1.6	40
1139	SUPERMASSIVE SEEDS FOR SUPERMASSIVE BLACK HOLES. <i>Astrophysical Journal</i> , 2013, 771, 116.	1.6	88
1140	High energy γ -ray emission from compact galactic sources in the context of observations with the next generation Cherenkov Telescope Arrays. <i>Astroparticle Physics</i> , 2013, 43, 81-102.	1.9	11
1141	Studies of active galactic nuclei with CTA. <i>Astroparticle Physics</i> , 2013, 43, 103-111.	1.9	13
1142	Gamma ray bursts. <i>Astroparticle Physics</i> , 2013, 43, 134-141.	1.9	25
1143	Active Galactic Nuclei under the scrutiny of CTA. <i>Astroparticle Physics</i> , 2013, 43, 215-240.	1.9	42
1144	GRB060218 AS A TIDAL DISRUPTION OF A WHITE DWARF BY AN INTERMEDIATE-MASS BLACK HOLE. <i>Astrophysical Journal</i> , 2013, 769, 85.	1.6	37
1145	RELATIVISTIC GLOBAL SOLUTIONS OF NEUTRINO-DOMINATED ACCRETION FLOWS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 207, 23.	3.0	46
1146	An analytic toy model for relativistic accretion in Kerr space-time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 925-938.	1.6	16
1147	Exact solutions to force-free electrodynamics in black hole backgrounds. <i>Classical and Quantum Gravity</i> , 2013, 30, 195012.	1.5	52
1149	The role of relativistic jets in the heaviest and most active supermassive black holes at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2818-2823.	1.6	39

#	ARTICLE	IF	CITATIONS
1150	The multimessenger picture of compact object encounters: binary mergers versus dynamical collisions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2585-2604.	1.6	168
1151	Estimation of the mass outflow rates from viscous accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 386-402.	1.6	39
1152	The jet-disc connection: evidence for a reinterpretation in radio loud and radio quiet active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 3196-3201.	1.6	7
1153	Foundations of Black Hole Accretion Disk Theory. <i>Living Reviews in Relativity</i> , 2013, 16, 1.	8.2	419
1154	Measuring the SMBH Spin Distribution. <i>SpringerBriefs in Astronomy</i> , 2013, , 39-44.	1.6	0
1155	Black hole spin-down by truncated disc emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 761-768.	1.6	3
1156	Global neutrino heating in hyperaccretion flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 2362-2370.	1.6	2
1157	The electromagnetic signals of compact binary mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2121-2136.	1.6	220
1158	The closest black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1538-1547.	1.6	37
1159	Modelling magnetized neutron stars using resistive magnetohydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 1853-1865.	1.6	58
1160	Generating vorticity and magnetic fields in plasmas in general relativity: Spacetime curvature drive. <i>Physics of Plasmas</i> , 2013, 20, .	0.7	21
1161	Broad-band radio circular polarization spectrum of the relativistic jet in PKS B2126-158. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 311-319.	1.6	24
1162	Observational constraints on the powering mechanism of transient relativistic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 405-414.	1.6	85
1163	Particle acceleration and dynamics of double-double radio galaxies: theory versus observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1595-1614.	1.6	33
1164	Transmission line analogy for relativistic Poynting-flux jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2828-2835.	1.6	11
1165	Roche accretion of stars close to massive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2948-2960.	1.6	27
1166	Astrophysics of super-massive black hole mergers. <i>Classical and Quantum Gravity</i> , 2013, 30, 244007.	1.5	40
1167	LEPTONIC AND HADRONIC MODELING OF FERMI-DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2013, 768, 54.	1.6	496

#	ARTICLE	IF	CITATIONS
1168	Synchrotron and inverse-Compton emission from blazar jets – II. An accelerating jet model with a geometry set by observations of M87. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1189-1205.	1.6	46
1169	Alignment of Magnetized Accretion Disks and Relativistic Jets with Spinning Black Holes. <i>Science</i> , 2013, 339, 49-52.	6.0	172
1170	A fully covariant mean-field dynamo closure for numerical 3 + 1 resistive GRMHD. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 71-85.	1.6	106
1171	Black Hole Spin via Continuum Fitting and the Role of Spin in Powering Transient Jets. <i>Space Sciences Series of ISSI</i> , 2013, , 295-322.	0.0	1
1172	Long-term X-ray emission from Swift J1644+57. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 3463-3468.	1.6	9
1173	Scintillation is an indicator of astrometric stability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 585-594.	1.6	7
1174	THE EVOLUTION OF ACTIVE GALACTIC NUCLEI AND THEIR SPINS. <i>Astrophysical Journal</i> , 2013, 775, 94.	1.6	112
1175	THE DISCOVERY OF A NEW INSTABILITY IN A HYPERACCRETION FLOW AND ITS IMPLICATION FOR GAMMA-RAY BURSTS. <i>Astrophysical Journal Letters</i> , 2013, 777, L15.	3.0	11
1176	Black holes in Lorentz-violating gravity theories. <i>Classical and Quantum Gravity</i> , 2013, 30, 244010.	1.5	85
1177	Ergoregions in magnetized black hole spacetimes. <i>Classical and Quantum Gravity</i> , 2013, 30, 125008.	1.5	62
1178	The Dynamical Effects of a Large-Scale Ordered Magnetic Field on Slim Disks. <i>Chinese Physics Letters</i> , 2013, 30, 059701.	1.3	0
1179	AN X-RAY VIEW OF THE JET CYCLE IN THE RADIO-LOUD AGN 3C120. <i>Astrophysical Journal</i> , 2013, 772, 83.	1.6	74
1180	Investigating supermassive black holes: a new method based on the polarimetric observations of active galactic nuclei. <i>Physics-Usppekhi</i> , 2013, 56, 709-714.	0.8	4
1181	Massive disc formation in the tidal disruption of a neutron star by a nearly extremal black hole. <i>Classical and Quantum Gravity</i> , 2013, 30, 135004.	1.5	66
1182	EVIDENCE FOR NEW RELATIONS BETWEEN GAMMA-RAY BURST PROMPT AND X-RAY AFTERGLOW EMISSION FROM 9 YEARS OF <i>SWIFT</i>. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 20.	3.0	33
1183	THE ELECTROMAGNETIC MODEL OF SHORT GRBs, THE NATURE OF PROMPT TAILS, SUPERNOVA-LESS LONG GRBs, AND HIGHLY EFFICIENT EPISODIC ACCRETION. <i>Astrophysical Journal</i> , 2013, 768, 63.	1.6	26
1184	ULTRA-RELATIVISTIC, NEUTRINO-DRIVEN FLOWS IN GAMMA-RAY BURSTS: A DOUBLE TRANSONIC FLOW SOLUTION IN A SCHWARZSCHILD SPACETIME. <i>Astrophysical Journal</i> , 2013, 770, 159.	1.6	18
1185	SUBMILLIMETER QUASI-PERIODIC OSCILLATIONS IN MAGNETICALLY CHOKED ACCRETION FLOW MODELS OF SgrA*. <i>Astrophysical Journal Letters</i> , 2013, 774, L22.	3.0	19

#	ARTICLE	IF	CITATIONS
1186	DELAYED ENERGY INJECTION MODEL FOR GAMMA-RAY BURST AFTERGLOWS. <i>Astrophysical Journal</i> , 2013, 779, 28.	1.6	24
1187	<i>NuSTAR</i> SPECTROSCOPY OF GRS 1915+105: DISK REFLECTION, SPIN, AND CONNECTIONS TO JETS. <i>Astrophysical Journal Letters</i> , 2013, 775, L45.	3.0	114
1188	A magnetic reconnection model for quasi-periodic oscillations in black hole systems. <i>Research in Astronomy and Astrophysics</i> , 2013, 13, 705-718.	0.7	11
1189	THE PARABOLIC JET STRUCTURE IN M87 AS A MAGNETOHYDRODYNAMIC NOZZLE. <i>Astrophysical Journal</i> , 2013, 775, 118.	1.6	86
1190	GIANT X-RAY BUMP IN GRB 121027A: EVIDENCE FOR FALL-BACK DISK ACCRETION. <i>Astrophysical Journal Letters</i> , 2013, 767, L36.	3.0	67
1191	JET LUMINOSITY FROM NEUTRINO-DOMINATED ACCRETION FLOWS IN GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2013, 766, 31.	1.6	64
1192	DO JETS PRECESS OR EVEN MOVE AT ALL?. <i>Astrophysical Journal Letters</i> , 2013, 765, L7.	3.0	33
1193	A TIME-RESOLVED STUDY OF THE BROAD-LINE REGION IN BLAZAR 3C 454.3. <i>Astrophysical Journal</i> , 2013, 779, 100.	1.6	37
1194	WHAT IS ON TAP? THE ROLE OF SPIN IN COMPACT OBJECTS AND RELATIVISTIC JETS. <i>Astrophysical Journal</i> , 2013, 771, 84.	1.6	23
1195	EFFECTS OF CIRCUMNUCLEAR DISK GAS EVOLUTION ON THE SPIN OF CENTRAL BLACK HOLES. <i>Astrophysical Journal</i> , 2013, 767, 37.	1.6	25
1196	Relativistic AGN jets I. The delicate interplay between jet structure, cocoon morphology and jet-head propagation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1453-1478.	1.6	30
1197	Gravitational wave emission from binary supermassive black holes. <i>Classical and Quantum Gravity</i> , 2013, 30, 244009.	1.5	28
1198	NEUTRINO-COOLED ACCRETION MODEL WITH MAGNETIC COUPLING FOR X-RAY FLARES IN GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2013, 773, 142.	1.6	26
1199	HOT ELECTROMAGNETIC OUTFLOWS. I. ACCELERATION AND SPECTRA. <i>Astrophysical Journal</i> , 2013, 767, 142.	1.6	8
1200	MAGNETIC FLUX PARADIGM FOR RADIO LOUDNESS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal Letters</i> , 2013, 764, L24.	3.0	119
1201	COMPACT BINARY PROGENITORS OF SHORT GAMMA-RAY BURSTS. <i>Astrophysical Journal Letters</i> , 2013, 762, L18.	3.0	86
1202	The brightest gamma-ray flares of blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1324-1333.	1.6	64
1203	Three-dimensional structure of relativistic jet formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2482-2492.	1.6	34

#	ARTICLE	IF	CITATIONS
1204	Warping of an accretion disc and launching of a jet by a spinning black hole in NGC 4258. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1278-1285.	1.6	16
1205	Suzaku observations of $\tilde{\nu}$ active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2013, 428, 2901-2920.	1.6	237
1206	LUMINOUS SUPERNOVA-LIKE UV/OPTICAL/INFRARED TRANSIENTS ASSOCIATED WITH ULTRA-LONG GAMMA-RAY BURSTS FROM METAL-POOR BLUE SUPERGIANTS. Astrophysical Journal, 2013, 770, 8.	1.6	34
1207	GRS 1915+105 AS A GALACTIC ANALOG OF A FANAROFF-RILEY II QUASAR. Astrophysical Journal, 2013, 770, 99.	1.6	6
1208	UNBOUND GEODESICS FROM THE ERGOSPHERE AND THE MESSIER 87 JET PROFILE. Astrophysical Journal, 2013, 774, 109.	1.6	15
1209	GAMMA-RAY OBSERVATIONS OF THE MICROQUASARS CYGNUS X-1, CYGNUS X-3, GRS 1915+105, AND GX 339 ⁴ WITH THE FERMILARGE AREA TELESCOPE. Astrophysical Journal, 2013, 775, 98.	1.6	47
1210	Collision of Two General Geodesic Particles around a Kerr-Newman Black Hole. Chinese Physics Letters, 2013, 30, 100401.	1.3	15
1211	The spin of supermassive black holes. Classical and Quantum Gravity, 2013, 30, 244004.	1.5	141
1212	Transport of magnetic flux and the vertical structure of accretion discs II. Vertical profile of the diffusion coefficients. Monthly Notices of the Royal Astronomical Society, 2013, 430, 822-835.	1.6	64
1213	Retrograde versus Prograde Models of Accreting Black Holes. Advances in Astronomy, 2013, 2013, 1-11.	0.5	16
1214	Gravitoelectromagnetic Perturbations of Kerr-Newman Black Holes: Stability and Isospectrality in the Slow-Rotation Limit. Physical Review Letters, 2013, 110, 241103.	2.9	65
1215	Dynamics of current-carrying string loops in the Kerr naked-singularity and black-hole spacetimes. Physical Review D, 2013, 88, .	1.6	19
1216	Scalar, electromagnetic, and gravitational perturbations of Kerr-Newman black holes in the slow-rotation limit. Physical Review D, 2013, 88, .	1.6	60
1217	Critical escape velocity for a charged particle moving around a weakly magnetized Schwarzschild black hole. Physical Review D, 2013, 87, .	1.6	71
1218	Loaded magnetohydrodynamic flows in Kerr spacetime. Physical Review D, 2013, 88, .	1.6	23
1219	Black-hole neutron-star mergers at realistic mass ratios: Equation of state and spin orientation effects. Physical Review D, 2013, 87, .	1.6	134
1220	Laser-driven generation of collimated ultra-relativistic positron beams. Plasma Physics and Controlled Fusion, 2013, 55, 124017.	0.9	33
1221	ASYMMETRIC DIFFUSION OF MAGNETIC FIELD LINES. Astrophysical Journal Letters, 2013, 767, L39.	3.0	26

#	ARTICLE	IF	CITATIONS
1222	A disk-corona model for the low/hard state of black hole X-ray binaries. <i>Research in Astronomy and Astrophysics</i> , 2013, 13, 1163-1180.	0.7	1
1223	EVIDENCE FOR A PARSEC-SCALE JET FROM THE GALACTIC CENTER BLACK HOLE: INTERACTION WITH LOCAL GAS. <i>Astrophysical Journal</i> , 2013, 779, 154.	1.6	49
1224	ELECTROMAGNETIC COUNTERPARTS OF GRAVITATIONAL WAVE SOURCES: MERGERS OF COMPACT OBJECTS. <i>International Journal of Modern Physics D</i> , 2013, 22, 1341011.	0.9	13
1225	High-resolution observations of SDSS J080800.99+483807.7 in the optical and radio domains. <i>Astronomy and Astrophysics</i> , 2013, 558, A5.	2.1	5
1226	The contribution of spin to jet-disk coupling in black holes. <i>Astronomy and Astrophysics</i> , 2013, 557, L7.	2.1	46
1227	THE FORCE-FREE MAGNETOSPHERE OF A ROTATING BLACK HOLE. <i>Astrophysical Journal</i> , 2013, 765, 113.	1.6	37
1228	A<i>SWIFT</i> SURVEY OF ACCRETION ONTO STELLAR-MASS BLACK HOLES. <i>Astrophysical Journal</i> , 2013, 769, 16.	1.6	89
1229	THE POPULATION OF HELIUM-MERGER PROGENITORS: OBSERVATIONAL PREDICTIONS. <i>Astrophysical Journal</i> , 2013, 764, 181.	1.6	11
1230	The relationship between radio power at 22 and 43 GHz and black hole properties of AGN in elliptical galaxies. <i>Astronomy and Astrophysics</i> , 2013, 560, A80.	2.1	15
1231	REGULATION OF BLACK HOLE WINDS AND JETS ACROSS THE MASS SCALE. <i>Astrophysical Journal</i> , 2013, 762, 103.	1.6	64
1232	Jet spectral breaks in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 815-832.	1.6	99
1233	Active galactic nuclei jets and multiple oblique shock acceleration: starved spectra. <i>Astronomy and Astrophysics</i> , 2013, 556, A88.	2.1	17
1234	CONSTRAINING JET PRODUCTION SCENARIOS BY STUDIES OF NARROW-LINE RADIO GALAXIES. <i>Astrophysical Journal</i> , 2013, 765, 62.	1.6	48
1235	Current-Driven Kink Instability in Magnetically Dominated Rotating Relativistic Jet. <i>EPJ Web of Conferences</i> , 2013, 61, 02004.	0.1	0
1236	A COMPREHENSIVE ANALYSIS OF<i>FERMI</i> GAMMA-RAY BURST DATA. III. ENERGY-DEPENDENT<i>T</i>₉₀ DISTRIBUTIONS OF GBM GRBs AND INSTRUMENTAL SELECTION EFFECT ON DURATION CLASSIFICATION. <i>Astrophysical Journal</i> , 2013, 763, 15.	1.6	82
1237	JET POWER AND BLACK HOLE SPIN: TESTING AN EMPIRICAL RELATIONSHIP AND USING IT TO PREDICT THE SPINS OF SIX BLACK HOLES. <i>Astrophysical Journal</i> , 2013, 762, 104.	1.6	98
1238	FRAME DRAGGING, DISK WARPING, JET PRECESSING, AND DIPPED X-RAY LIGHT CURVE OF Sw J1644+57. <i>Astrophysical Journal</i> , 2013, 762, 98.	1.6	36
1239	The M87 Jet. <i>EPJ Web of Conferences</i> , 2013, 61, 01004.	0.1	2

#	ARTICLE	IF	CITATIONS
1240	HIGH-FREQUENCY GRAVITATIONAL WAVES FROM SUPERMASSIVE BLACK HOLES: PROSPECTS FOR LIGO-VIRGO DETECTIONS. <i>Astrophysical Journal</i> , 2013, 763, 122.	1.6	17
1241	Is the disc thermal state controlling the Blandford & Znajek/Blandford & Payne jet dichotomy?. <i>EPJ Web of Conferences</i> , 2013, 61, 01005.	0.1	0
1242	Energy densities of magnetic field and relativistic electrons at the innermost region of the M87 jet. <i>EPJ Web of Conferences</i> , 2013, 61, 01009.	0.1	1
1243	Magnetic Field Structure in Relativistic Jets. <i>EPJ Web of Conferences</i> , 2013, 61, 03005.	0.1	0
1244	The Role of Macroscopic and Microscopic Jet Instabilities. <i>EPJ Web of Conferences</i> , 2013, 61, 02001.	0.1	5
1245	Monitoring of multi-frequency polarization of gamma-ray bright AGNs. <i>EPJ Web of Conferences</i> , 2013, 61, 07007.	0.1	9
1246	COMPTON DOMINANCE AND THE BLAZAR SEQUENCE. <i>Astrophysical Journal</i> , 2013, 763, 134.	1.6	111
1247	ON THE ORIENTATION AND MAGNITUDE OF THE BLACK HOLE SPIN IN GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013, 762, 68.	1.6	93
1248	Jets, black holes and disks in blazars. <i>EPJ Web of Conferences</i> , 2013, 61, 05001.	0.1	7
1249	HYPERACCRETING BLACK HOLE AS GAMMA-RAY BURST CENTRAL ENGINE. I. BARYON LOADING IN GAMMA-RAY BURST JETS. <i>Astrophysical Journal</i> , 2013, 765, 125.	1.6	110
1250	The Evolution of Astrophysical Theory after 1960. , 0, , 200-229.		0
1251	Computing black-hole accretion. , 0, , 253-290.		0
1252	Two-component jets from 3-dimensional magnetohydrodynamic jet simulations of disk winds at sub-parsec scales. <i>EPJ Web of Conferences</i> , 2013, 61, 02006.	0.1	0
1254	A relation of jet power to the central black hole and its accretion. <i>EPJ Web of Conferences</i> , 2013, 61, 01010.	0.1	0
1255	The force-free magnetosphere of a rotating black hole. <i>EPJ Web of Conferences</i> , 2013, 61, 01007.	0.1	0
1256	Rayleigh-Taylor and Richtmyer-Meshkov Instabilities in Relativistic Hydrodynamic Jets. <i>EPJ Web of Conferences</i> , 2013, 61, 02005.	0.1	7
1257	The relation between radio and X-ray luminosity of black hole binaries: affected by inner cool disks?. <i>Astronomy and Astrophysics</i> , 2014, 562, A142.	2.1	36
1258	Jet outflow and gamma-ray emission correlations in S5 0716+714. <i>Astronomy and Astrophysics</i> , 2014, 571, L2.	2.1	37

#	ARTICLE	IF	CITATIONS
1259	TANAMI monitoring of Centaurus A: The complex dynamics in the inner parsec of an extragalactic jet. <i>Astronomy and Astrophysics</i> , 2014, 569, A115.	2.1	57
1260	Spectral distribution of the polarized radiation from standard accretion disks in Active Galactic Nuclei: Observational analysis. <i>Astronomy Reports</i> , 2014, 58, 725-732.	0.2	2
1261	X-ray afterglow of GRB 050712: multiple energy injections into the external shock. <i>Research in Astronomy and Astrophysics</i> , 2014, 14, 610-616.	0.7	2
1262	A possible precessing nozzle and the Lense-Thirring effect in blazar 3C 454.3. <i>Research in Astronomy and Astrophysics</i> , 2014, 14, 249-274.	0.7	13
1263	EXACT RELATIVISTIC MODELS OF THIN DISKS AROUND STATIC BLACK HOLES IN A MAGNETIC FIELD. <i>International Journal of Modern Physics D</i> , 2014, 23, 1450010.	0.9	8
1264	Accretion disks around binary black holes of unequal mass: General relativistic MHD simulations of postdecoupling and merger. <i>Physical Review D</i> , 2014, 90, .	1.6	64
1265	Testing the nonlinear stability of Kerr-Newman black holes. <i>Physical Review D</i> , 2014, 90, .	1.6	27
1266	Is radio jet power linearly proportional to the product of central black hole mass and Eddington ratio in AGN?. <i>Astrophysics and Space Science</i> , 2014, 354, 553-560.	0.5	3
1267	Ultra high energy cosmic ray generation in black hole magnetosphere: testing by polarimetric observations. <i>Astrophysics and Space Science</i> , 2014, 353, 625-631.	0.5	0
1268	RECONCILING MODELS OF LUMINOUS BLAZARS WITH MAGNETIC FLUXES DETERMINED BY RADIO CORE-SHIFT MEASUREMENTS. <i>Astrophysical Journal Letters</i> , 2014, 796, L5.	3.0	25
1269	CONSTRAINTS ON THE MINIMUM ELECTRON LORENTZ FACTOR AND MATTER CONTENT OF JETS FOR A SAMPLE OF BRIGHT <i><i>FERMI</i></i> BLAZARS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 5.	3.0	63
1270	THE LOW-SPIN BLACK HOLE IN LMC X-3. <i>Astrophysical Journal Letters</i> , 2014, 793, L29.	3.0	51
1271	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C ⁺ 21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	1.6	33
1272	PROPAGATION AND NEUTRINO OSCILLATIONS IN THE BASE OF A HIGHLY MAGNETIZED GAMMA-RAY BURST FIREBALL FLOW. <i>Astrophysical Journal</i> , 2014, 787, 140.	1.6	16
1273	Dynamics of a charged particle around a slowly rotating Kerr black hole immersed in magnetic field. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	64
1274	HINTS OF CORRELATION BETWEEN BROAD-LINE AND RADIO VARIATIONS FOR 3C 120. <i>Astronomical Journal</i> , 2014, 147, 17.	1.9	3
1275	RELATIVISTIC JET PROPERTIES OF GeV-TeV BLAZARS AND POSSIBLE IMPLICATIONS FOR THE JET FORMATION, COMPOSITION, AND CAVITY KINEMATICS. <i>Astrophysical Journal</i> , 2014, 788, 104.	1.6	56
1276	Three-dimensional general relativistic radiation magnetohydrodynamical simulation of super-Eddington accretion, using a new code harmrad with M1 closure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3177-3208.	1.6	228

#	ARTICLE	IF	CITATIONS
1277	What Governs Lorentz Factors of Jet Components in Blazars?. Journal of Astrophysics and Astronomy, 2014, 35, 357-362.	0.4	0
1278	An optical view of BL Lacertae objects. Astronomy and Astrophysics Review, 2014, 22, 1.	9.1	97
1279	THE GENERAL RELATIVISTIC EQUATIONS OF RADIATION HYDRODYNAMICS IN THE VISCOUS LIMIT. Astrophysical Journal, 2014, 797, 103.	1.6	12
1280	Intrinsic $\hat{\gamma}$ -ray luminosity, black hole mass, jet and accretion in Fermi blazars. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3375-3395.	1.6	57
1281	<i>SPITZER</i> MID-IR SPECTROSCOPY OF POWERFUL 2Jy AND 3CRR RADIO GALAXIES. II. AGN POWER INDICATORS AND UNIFICATION. Astrophysical Journal, 2014, 788, 98.	1.6	40
1282	Chaotic Motion of a Charged Particle around a Weakly Magnetized Schwarzschild Black Hole Containing Cosmic String. Chinese Physics Letters, 2014, 31, 060402.	1.3	4
1283	QUASI-PERIODIC VARIATIONS IN X-RAY EMISSION AND LONG-TERM RADIO OBSERVATIONS: EVIDENCE FOR A TWO-COMPONENT JET IN Sw J1644+57. Astrophysical Journal, 2014, 788, 32.	1.6	28
1284	Relativistic Jets in Active Galactic Nuclei. , 2014, , .		0
1285	Transient jet formation and state transitions from large-scale magnetic reconnection in black hole accretion discs. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2185-2190.	1.6	46
1286	Large-scale jets from active galactic nuclei as a source of intracluster medium heating: cavities and shocks. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1462-1481.	1.6	31
1287	Constraints on the radio-loud/radio-quiet dichotomy from the Fundamental Plane. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3097-3104.	1.6	10
1288	Numerical simulations of super-critical black hole accretion flows in general relativity. Monthly Notices of the Royal Astronomical Society, 2014, 439, 503-520.	1.6	228
1289	Do high-redshift quasars have powerful jets?. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 442, L81-L84.	1.2	23
1290	Dynamo action in thick discs around Kerr black holes: high-order resistive GRMHD simulations. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 440, L41-L45.	1.2	34
1291	Signatures of very massive stars: supercollapsars and their cosmological rate. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3520-3525.	1.6	8
1292	The low or retrograde spin of the first extragalactic microquasar: implications for Blandford-Znajek powering of jets. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1740-1748.	1.6	33
1293	Ultrafast outflows in radio-loud active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2154-2182.	1.6	112
1294	Jet intracluster medium interaction in Hydra A I. Estimates of jet velocity from inner knots. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1600-1614.	1.6	8

#	ARTICLE	IF	CITATIONS
1295	A constrained transport scheme for MHD on unstructured static and moving meshes. Monthly Notices of the Royal Astronomical Society, 2014, 442, 43-55.	1.6	37
1296	3D simulations of the early stages of AGN jets: geometry, thermodynamics and backflow. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2903-2916.	1.6	41
1297	A spinning supermassive black hole binary model consistent with VLBI observations of the S5 1928+738 jet. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1370-1382.	1.6	42
1298	The spectral energy distribution of compact jets powered by internal shocks. Monthly Notices of the Royal Astronomical Society, 2014, 443, 299-317.	1.6	70
1299	Spectral line broadening in magnetized black holes. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 059-059.	1.9	10
1300	Why $z \sim 1$ radio-loud galaxies are commonly located in protoclusters. Monthly Notices of the Royal Astronomical Society, 2014, 445, 280-289.	1.6	79
1301	Towards an understanding of the force-free magnetosphere of rapidly spinning black holes. Physical Review D, 2014, 90, .	1.6	21
1302	Kerr-AdS black holes and force-free magnetospheres. Physical Review D, 2014, 89, .	1.6	5
1303	Stability of force-free magnetospheres. Physical Review D, 2014, 90, .	1.6	18
1304	Radiation from an emitter revolving around a magnetized nonrotating black hole. Physical Review D, 2014, 90, .	1.6	4
1305	Implications of a dark sector $U(1)$ for gamma ray bursts. Physical Review D, 2014, 90, .	1.6	5
1306	Nonsingular electrodynamics of a rotating black hole moving in an asymptotically uniform magnetic test field. Physical Review D, 2014, 89, .	1.6	48
1307	Pulsar spin-down luminosity: Simulations in general relativity. Physical Review D, 2014, 89, .	1.6	26
1308	Black hole Meissner effect and Blandford-Znajek jets. Physical Review D, 2014, 89, .	1.6	22
1309	Can environmental effects spoil precision gravitational-wave astrophysics?. Physical Review D, 2014, 89, .	1.6	321
1310	Black hole superradiance in dynamical spacetime. Physical Review D, 2014, 89, .	1.6	46
1311	Acceleration of electric current-carrying string loop near a Schwarzschild black hole immersed in an asymptotically uniform magnetic field. Physical Review D, 2014, 90, .	1.6	12
1312	Magnetic collimation of meridional-self-similar general relativistic MHD flows. Physical Review D, 2014, 89, .	1.6	4

#	ARTICLE	IF	CITATIONS
1313	Plasma phenomenology in astrophysical systems: Radio-sources and jets. <i>Physics of Plasmas</i> , 2014, 21, 061502.	0.7	1
1314	Superradiant instability of black holes immersed in a magnetic field. <i>Physical Review D</i> , 2014, 89, .	1.6	44
1315	Spin and mass of the nearest supermassive black hole. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	0.7	29
1316	Motion of charged particles around a weakly magnetized rotating black hole. <i>Physical Review D</i> , 2014, 90, .	1.6	29
1317	Extracting black-hole rotational energy: The generalized Penrose process. <i>Physical Review D</i> , 2014, 89, .	1.6	59
1318	Unbound geodesics from the ergosphere and potential observability of debris from ultrahigh energy particle collisions. <i>Physical Review D</i> , 2014, 90, .	1.6	19
1319	Toy Model of Frame-Dragging Magnetosphere for the M87 Jet. <i>Journal of Astrophysics and Astronomy</i> , 2014, 35, 413-416.	0.4	0
1320	On the magnetosphere of an accelerated pulsar. <i>Physical Review D</i> , 2014, 89, .	1.6	15
1321	Cosmic Ray Origins: An Introduction. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014, 256-257, 9-22.	0.5	45
1322	String loops oscillating in the field of Kerr black holes as a possible explanation of twin high-frequency quasiperiodic oscillations observed in microquasars. <i>Physical Review D</i> , 2014, 89, .	1.6	18
1323	Thermodynamics of magnetized Kerr-Newman black holes. <i>Physical Review D</i> , 2014, 89, .	1.6	32
1324	Distinguishing black holes and wormholes with orbiting hot spots. <i>Physical Review D</i> , 2014, 90, .	1.6	66
1325	JET FORMATION IN GRBs: A SEMI-ANALYTIC MODEL OF MHD FLOW IN KERR GEOMETRY WITH REALISTIC PLASMA INJECTION. <i>Astrophysical Journal</i> , 2014, 796, 26.	1.6	31
1326	Jet Magnetically Accelerated from Advection Dominated Accretion Flow. <i>Chinese Physics Letters</i> , 2014, 31, 089801.	1.3	2
1327	<i>NuSTAR</i> AND <i>XMM-NEWTON</i> OBSERVATIONS OF NGC 1365: EXTREME ABSORPTION VARIABILITY AND A CONSTANT INNER ACCRETION DISK. <i>Astrophysical Journal</i> , 2014, 788, 76.	1.6	79
1328	Modelling the "outliers" track of the radio-X-ray correlation in X-ray binaries based on a disc corona model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 965-970.	1.6	16
1329	QUASI-STATIC MODEL OF COLLIMATED JETS AND RADIO LOBES. I. ACCRETION DISK AND JETS. <i>Astrophysical Journal</i> , 2014, 789, 144.	1.6	9
1330	MEGAPARSEC RELATIVISTIC JETS LAUNCHED FROM AN ACCRETING SUPERMASSIVE BLACK HOLE IN AN EXTREME SPIRAL GALAXY. <i>Astrophysical Journal</i> , 2014, 788, 174.	1.6	47

#	ARTICLE	IF	CITATIONS
1331	HOT ELECTROMAGNETIC OUTFLOWS. III. DISPLACED FIREBALL IN A STRONG MAGNETIC FIELD. <i>Astrophysical Journal</i> , 2014, 791, 46.	1.6	23
1332	INDUCING CHAOS BY BREAKING AXIAL SYMMETRY IN A BLACK HOLE MAGNETOSPHERE. <i>Astrophysical Journal</i> , 2014, 787, 117.	1.6	40
1333	THE HIGH-EFFICIENCY JETS MAGNETICALLY ACCELERATED FROM A THIN DISK IN POWERFUL LOBE-DOMINATED FR II RADIO GALAXIES. <i>Astrophysical Journal</i> , 2014, 788, 71.	1.6	17
1334	Energy Extraction from a Black Hole and Its Influence on X-Ray Spectra. <i>Chinese Physics Letters</i> , 2014, 31, 129701.	1.3	1
1335	Connections between the Radio, Optical and Soft X-ray Luminosities for Flat-Spectrum Radio Quasars. <i>Journal of Astrophysics and Astronomy</i> , 2014, 35, 471-475.	0.4	0
1336	Force-free electrodynamics around extreme Kerr black holes. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	32
1337	IMAGING THE SUPERMASSIVE BLACK HOLE SHADOW AND JET BASE OF M87 WITH THE EVENT HORIZON TELESCOPE. <i>Astrophysical Journal</i> , 2014, 788, 120.	1.6	100
1338	Radio-mode feedback in local AGNs: dependence on the central black hole parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1339-1345.	1.6	17
1339	Testing the neutrino annihilation model for launching GRB jets. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L1-L5.	1.2	24
1340	A TEST OF THE MILLISECOND MAGNETAR CENTRAL ENGINE MODEL OF GAMMA-RAY BURSTS WITH <i>SWIFT</i> DATA. <i>Astrophysical Journal</i> , 2014, 785, 74.	1.6	136
1341	EPISODIC JET POWER EXTRACTED FROM A SPINNING BLACK HOLE SURROUNDED BY A NEUTRINO-DOMINATED ACCRETION FLOW IN GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2014, 789, 129.	1.6	22
1342	RELATIVISTIC ELECTRONS AND MAGNETIC FIELDS OF THE M87 JET ON THE $\sim 1/4$ 10 SCHWARZSCHILD RADII SCALE. <i>Astrophysical Journal</i> , 2014, 786, 5.	1.6	33
1343	SPATIAL GROWTH OF THE CURRENT-DRIVEN INSTABILITY IN RELATIVISTIC JETS. <i>Astrophysical Journal</i> , 2014, 784, 167.	1.6	44
1344	DIFFERENT X-RAY SPECTRAL EVOLUTION FOR BLACK HOLE X-RAY BINARIES IN DUAL TRACKS OF RADIO-X-RAY CORRELATION. <i>Astrophysical Journal</i> , 2014, 788, 52.	1.6	24
1345	THE MYSTERY OF SPECTRAL BREAKS: LYMAN CONTINUUM ABSORPTION BY PHOTON-PHOTON PAIR PRODUCTION IN THE <i>FERMI</i> GeV SPECTRA OF BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2014, 794, 8.	1.6	26
1346	Buoyancy and the Penrose process produce jets from rotating black holes. <i>Physica Scripta</i> , 2014, 89, 045003.	1.2	2
1347	SOFT X-RAY EXTENDED EMISSIONS OF SHORT GAMMA-RAY BURSTS AS ELECTROMAGNETIC COUNTERPARTS OF COMPACT BINARY MERGERS: POSSIBLE ORIGIN AND DETECTABILITY. <i>Astrophysical Journal</i> , 2014, 796, 13.	1.6	18
1348	AN ARGUMENT FOR WEAKLY MAGNETIZED, SLOWLY ROTATING PROGENITORS OF LONG GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2014, 781, 3.	1.6	7

#	ARTICLE	IF	CITATIONS
1349	Herschel-ATLASâ€¦: far-infrared properties of radio-loud and radio-quiet quasars. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1181-1196.	1.6	37
1350	The thickness of a weakly magnetized accretion flow inside the last stable orbit of a Kerr black hole. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1269-1287.	1.6	3
1351	Variability of the giant X-ray bump in GRB 121027A and its possible origin. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2375-2379.	1.6	18
1352	Tidal disruption and magnetic flux capture: powering a jet from a quiescent black hole. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3919-3938.	1.6	43
1353	Black hole spin properties of 130 AGN. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3233-3242.	1.6	15
1354	IMBALANCED RELATIVISTIC FORCE-FREE MAGNETOHYDRODYNAMIC TURBULENCE. Astrophysical Journal, 2014, 780, 30.	1.6	25
1355	RELATIVISTIC MHD SIMULATIONS OF POYNTING FLUX-DRIVEN JETS. Astrophysical Journal, 2014, 781, 48.	1.6	22
1356	NON-THERMAL GAMMA-RAY EMISSION FROM DELAYED PAIR BREAKDOWN IN A MAGNETIZED AND PHOTON-RICH OUTFLOW. Astrophysical Journal, 2014, 796, 81.	1.6	19
1357	A LINK BETWEEN X-RAY EMISSION LINES AND RADIO JETS IN 4U 1630-47?. Astrophysical Journal Letters, 2014, 784, L5.	3.0	24
1358	Modelling gamma-ray photon emission and pair production in high-intensity laserâ€œmatter interactions. Journal of Computational Physics, 2014, 260, 273-285.	1.9	297
1359	Black Hole Spin via Continuum Fitting and the Role of Spin in Powering Transient Jets. Space Science Reviews, 2014, 183, 295-322.	3.7	234
1360	Energetic and Broad Band Spectral Distribution of Emission from Astronomical Jets. Space Science Reviews, 2014, 183, 371-403.	3.7	14
1361	Current Status of Simulations. Space Science Reviews, 2014, 183, 87-100.	3.7	1
1362	Numerical relativity: the role of black holes in gravitational wave physics, astrophysics and high-energy physics. General Relativity and Gravitation, 2014, 46, 1.	0.7	3
1363	The Beginning and the End. The Frontiers Collection, 2014, , .	0.1	43
1364	On the origin of galactic cosmic rays. New Astronomy, 2014, 27, 13-18.	0.8	10
1365	Newtonian analogue of corresponding spaceâ€œtime dynamics of rotating black holes: implication for black hole accretion. Monthly Notices of the Royal Astronomical Society, 2014, 445, 4460-4476.	1.6	16
1366	Black hole lightning due to particle acceleration at subhorizon scales. Science, 2014, 346, 1080-1084.	6.0	128

#	ARTICLE	IF	CITATIONS
1367	The power of relativistic jets is larger than the luminosity of their accretion disks. <i>Nature</i> , 2014, 515, 376-378.	13.7	315
1368	Study of the relation between the jet and accretion-disk emission in Blazars using RATAN-600 multifrequency data. <i>Astrophysical Bulletin</i> , 2014, 69, 266-278.	0.3	1
1369	TIME EVOLUTION OF FLARES IN GRB 130925A: JET PRECESSION IN A BLACK HOLE ACCRETION SYSTEM. <i>Astrophysical Journal Letters</i> , 2014, 781, L19.	3.0	28
1370	RECOILING SUPERMASSIVE BLACK HOLES: A SEARCH IN THE NEARBY UNIVERSE. <i>Astrophysical Journal</i> , 2014, 795, 146.	1.6	46
1371	Spacetime approach to force-free magnetospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2500-2534.	1.6	101
1372	GAMMA-RAY BURST PROMPT EMISSION. <i>International Journal of Modern Physics D</i> , 2014, 23, 1430002.	0.9	40
1373	LINKING THE SPIN EVOLUTION OF MASSIVE BLACK HOLES TO GALAXY KINEMATICS. <i>Astrophysical Journal</i> , 2014, 794, 104.	1.6	138
1374	Black hole Meissner effect and entanglement. <i>Physical Review D</i> , 2014, 90, .	1.6	7
1375	CAUSAL EXTRACTION OF BLACK HOLE ROTATIONAL ENERGY BY VARIOUS KINDS OF ELECTROMAGNETIC FIELDS. <i>Astrophysical Journal</i> , 2014, 792, 88.	1.6	18
1376	Hot Accretion Flows Around Black Holes. <i>Annual Review of Astronomy and Astrophysics</i> , 2014, 52, 529-588.	8.1	972
1377	An Overview of Jets and Outflows in Stellar Mass Black Holes. <i>Space Science Reviews</i> , 2014, 183, 323-337.	3.7	62
1378	A RAPIDLY SPINNING BLACK HOLE POWERS THE EINSTEIN CROSS. <i>Astrophysical Journal Letters</i> , 2014, 792, L19.	3.0	24
1379	Black holes in binary stellar systems and galactic nuclei. <i>Physics-Usppekhi</i> , 2014, 57, 359-376.	0.8	21
1380	A MECHANISM FOR HYSTERESIS IN BLACK HOLE BINARY STATE TRANSITIONS. <i>Astrophysical Journal Letters</i> , 2014, 782, L18.	3.0	61
1381	The connections between bulk Lorentz factor, black hole mass and accretion in Fermi FSRQs. <i>Astrophysics and Space Science</i> , 2014, 352, 809-818.	0.5	3
1382	Spins of Supermassive Black Holes and the Magnetic Fields of Accretion Disks in Active Galactic Nuclei with Maser Emission. <i>Astrophysics</i> , 2014, 57, 163-175.	0.1	6
1383	Measuring Black Hole Spin Using X-Ray Reflection Spectroscopy. <i>Space Science Reviews</i> , 2014, 183, 277-294.	3.7	315
1384	Pondermotive acceleration of charged particles along the relativistic jets of an accreting blackhole. <i>European Physical Journal: Special Topics</i> , 2014, 223, 1113-1120.	1.2	16

#	ARTICLE	IF	CITATIONS
1385	A NEW STANDARD PULSAR MAGNETOSPHERE. <i>Astrophysical Journal</i> , 2014, 781, 46.	1.6	39
1386	THE ORTHOGONAL GAMMA-RAY BURST MODEL. <i>Astrophysical Journal Letters</i> , 2014, 780, L5.	3.0	6
1387	The Coevolution of Galaxies and Supermassive Black Holes: Insights from Surveys of the Contemporary Universe. <i>Annual Review of Astronomy and Astrophysics</i> , 2014, 52, 589-660.	8.1	811
1388	Numerical Relativity and Astrophysics. <i>Annual Review of Astronomy and Astrophysics</i> , 2014, 52, 661-694.	8.1	90
1389	Short-Duration Gamma-Ray Bursts. <i>Annual Review of Astronomy and Astrophysics</i> , 2014, 52, 43-105.	8.1	847
1390	Dynamically important magnetic fields near accreting supermassive black holes. <i>Nature</i> , 2014, 510, 126-128.	13.7	200
1391	Astrophysical ZeV acceleration in the relativistic jet from an accreting supermassive blackhole. <i>Astroparticle Physics</i> , 2014, 56, 9-15.	1.9	26
1392	The MAD world of black holes. <i>Nature</i> , 2014, 510, 42-43.	13.7	3
1393	BLACK HOLE MAGNETOSPHERES. <i>Astrophysical Journal</i> , 2014, 788, 186.	1.6	59
1394	The tidal disruption of stars by supermassive black holes. <i>Physics Today</i> , 2014, 67, 37-42.	0.3	6
1395	Comptonization in ultra-strong magnetic fields: numerical solution to the radiative transfer problem. <i>Astronomy and Astrophysics</i> , 2014, 562, A99.	2.1	2
1396	THE UNIFICATION OF RELATIVISTIC JETS. <i>International Journal of Modern Physics Conference Series</i> , 2014, 28, 1460188.	0.7	23
1397	VERY-HIGH ENERGY PROCESSES IN BLACK HOLE MAGNETOSPHERE: THE CASE OF M87. <i>International Journal of Modern Physics Conference Series</i> , 2014, 28, 1460189.	0.7	2
1398	FORMATION AND COLLIMATION OF RELATIVISTIC MHD JETS – SIMULATIONS AND RADIO MAPS. <i>International Journal of Modern Physics Conference Series</i> , 2014, 28, 1460190.	0.7	3
1399	PLASMA INJECTION AND OUTFLOW FORMATION IN KERR BLACK HOLES. <i>International Journal of Modern Physics Conference Series</i> , 2014, 28, 1460164.	0.7	2
1400	What powers the most relativistic jets? – I. BL&Lacs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 779-788.	1.6	12
1401	Observational aspects of AGN jets at high energy. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 1-11.	0.0	0
1402	The black hole spins of quasars. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 143-144.	0.0	0

#	ARTICLE	IF	CITATIONS
1403	Astrometric Observations of X-ray Binaries Using Very Long Baseline Interferometry. Publications of the Astronomical Society of Australia, 2014, 31, .	1.3	25
1404	Overview of laser-driven generation of electron-positron beams. Journal of Plasma Physics, 2015, 81, .	0.7	26
1405	Swift for blazars. Journal of High Energy Astrophysics, 2015, 7, 163-172.	2.4	10
1406	Three-peak GRBs and their implications for central engines. New Astronomy, 2015, 41, 53-58.	0.8	1
1407	Inverse-Compton drag on a highly magnetized GRB jet in stellar envelope. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2566-2575.	1.6	2
1408	Driving extreme variability: the evolving corona and evidence for jet launching in Markarian 335. Monthly Notices of the Royal Astronomical Society, 2015, 449, 129-146.	1.6	92
1409	X-RAYING EXTENDED EMISSION AND RAPID DECAY OF SHORT GAMMA-RAY BURSTS. Astrophysical Journal, 2015, 811, 4.	1.6	17
1410	EVOLUTIONS OF STELLAR-MASS BLACK HOLE HYPERACCRETION SYSTEMS IN THE CENTER OF GAMMA-RAY BURSTS. Astrophysical Journal, 2015, 815, 54.	1.6	20
1411	Core shifts, magnetic fields and magnetization of extragalactic jets. Monthly Notices of the Royal Astronomical Society, 2015, 451, 927-935.	1.6	63
1412	NEAR-EXTREMAL BLACK HOLES AS INITIAL CONDITIONS OF LONG GRB SUPERNOVAE AND PROBES OF THEIR GRAVITATIONAL WAVE EMISSION. Astrophysical Journal, 2015, 810, 7.	1.6	19
1413	Constraints of flat spectrum radio quasars in the hadronic model: the case of 3C 273. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1303-1315.	1.6	26
1414	Gamma-ray laser based on the collective decay of positronium atoms in a Bose-Einstein condensate. Physical Review A, 2015, 92, .	1.0	10
1415	Electromagnetic outflows in a class of scalar-tensor theories: Binary neutron star coalescence. Physical Review D, 2015, 91, .	1.6	21
1416	Energy extraction from boosted black holes: Penrose process, jets, and the membrane at infinity. Physical Review D, 2015, 91, .	1.6	16
1417	Collisional Penrose process in a rotating wormhole spacetime. Physical Review D, 2015, 91, .	1.6	16
1418	Magnetosphere of a Kerr black hole immersed in magnetized plasma and its perturbative mode structure. Physical Review D, 2015, 91, .	1.6	18
1419	Force-free magnetosphere on near-horizon geometry of near-extreme Kerr black holes. Physical Review D, 2015, 92, .	1.6	7
1420	Stability of exact force-free electrodynamic solutions and scattering from spacetime curvature. Physical Review D, 2015, 92, .	1.6	14

#	ARTICLE	IF	CITATIONS
1421	Force-free currents and the Newman-Penrose tetrad of a Kerr black hole: Exact local solutions. <i>Physical Review D</i> , 2015, 92, .	1.6	12
1422	Timelike geodesics of a modified gravity black hole immersed in an axially symmetric magnetic field. <i>Physical Review D</i> , 2015, 92, .	1.6	61
1423	Note on bunching of field lines in black hole magnetospheres. <i>Physical Review D</i> , 2015, 92, .	1.6	11
1424	High resolution magnetohydrodynamic simulation of black hole-neutron star merger: Mass ejection and short gamma ray bursts. <i>Physical Review D</i> , 2015, 92, .	1.6	120
1425	Black hole jet power from impedance matching. <i>Physical Review D</i> , 2015, 92, .	1.6	9
1426	General-relativistic resistive-magnetohydrodynamic simulations of binary neutron stars. <i>Physical Review D</i> , 2015, 92, .	1.6	71
1427	Generation of overdense and high-energy electron-positron-pair plasmas by irradiation of a thin foil with two ultraintense lasers. <i>Physical Review E</i> , 2015, 92, 053107.	0.8	35
1428	Spontaneous Decay of Periodic Magnetostatic Equilibria. <i>Physical Review Letters</i> , 2015, 115, 095002.	2.9	24
1429	Stability of black holes in Einstein-charged scalar field theory in a cavity. <i>Physical Review D</i> , 2015, 92, .	1.6	63
1430	Nonlinear Landau damping and modulation of electrostatic waves in a nonextensive electron-positron-pair plasma. <i>Physical Review E</i> , 2015, 92, 063110.	0.8	24
1431	HORIZON-SCALE LEPTON ACCELERATION IN JETS: EXPLAINING THE COMPACT RADIO EMISSION IN M87. <i>Astrophysical Journal</i> , 2015, 809, 97.	1.6	82
1432	QUASI-STATIC MODEL OF MAGNETICALLY COLLIMATED JETS AND RADIO LOBES. II. JET STRUCTURE AND STABILITY. <i>Astrophysical Journal</i> , 2015, 813, 136.	1.6	8
1433	HYDRODYNAMIC PROPERTIES OF GAMMA-RAY BURST OUTFLOWS DEDUCED FROM THE THERMAL COMPONENT. <i>Astrophysical Journal</i> , 2015, 813, 127.	1.6	30
1434	THE EXTREME ULTRAVIOLET DEFICIT: JET CONNECTION IN THE QUASAR 1442+101. <i>Astrophysical Journal</i> , 2015, 812, 79.	1.6	9
1435	ACCRETION DISK DYNAMO AS THE TRIGGER FOR X-RAY BINARY STATE TRANSITIONS. <i>Astrophysical Journal</i> , 2015, 809, 118.	1.6	47
1436	ANALYTIC PROPERTIES OF FORCE-FREE JETS IN THE KERR SPACETIME. <i>Astrophysical Journal</i> , 2015, 812, 57.	1.6	18
1437	A CONNECTION BETWEEN PLASMA CONDITIONS NEAR BLACK HOLE EVENT HORIZONS AND OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2015, 814, 139.	1.6	38
1438	Grid-based Methods in Relativistic Hydrodynamics and Magnetohydrodynamics. <i>Living Reviews in Solar Physics</i> , 2015, 1, 3.	5.0	61

#	ARTICLE	IF	CITATIONS
1439	Einstein's Triumph. , 0, , 1-9.		0
1440	Relativistic Astrophysics. , 0, , 97-161.		0
1441	LONG-LASTING BLACK HOLE JETS IN SHORT GAMMA-RAY BURSTS. <i>Astrophysical Journal Letters</i> , 2015, 804, L16.	3.0	41
1442	Polarized light from Sagittarius A* in the near-infrared K_s -band. <i>Astronomy and Astrophysics</i> , 2015, 576, A20.	2.1	35
1443	THE RADIO PROPERTIES OF RADIO-LOUD NARROW-LINE SEYFERT 1 GALAXIES ON PARSEC SCALES. <i>Astrophysical Journal, Supplement Series</i> , 2015, 221, 3.	3.0	62
1444	Ultra-high-energy cosmic rays from low-luminosity active galactic nuclei. <i>Astroparticle Physics</i> , 2015, 62, 206-216.	1.9	9
1445	Exact solutions for extreme black hole magnetospheres. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	22
1446	Optical Counterparts of Undetermined Type $\hat{1}$ -Ray Active Galactic Nuclei with Blazar-Like Spectral Energy Distributions. <i>Journal of Astrophysics and Astronomy</i> , 2015, 36, 447.	0.4	2
1447	On the efficiency of jet production in radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 316-327.	1.6	43
1448	Nuclear composition of magnetized gamma-ray burst jets. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	1.0	5
1449	Discovery of the correlation between peak episodic jet power and X-ray peak luminosity of the soft state in black hole transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1740-1749.	1.6	3
1450	Core-dominance parameter, black hole mass and jet-disc connection for Fermi blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 4193-4206.	1.6	23
1451	The connections between multi-wavelength luminosity, accretion rate and black hole mass in Fermi flat spectrum radio quasars. <i>Astrophysics and Space Science</i> , 2015, 360, 1.	0.5	1
1452	Self-similar evolutionary solutions for an accreting magnetofluid around a compact object with finite electrical conductivity. <i>Astronomische Nachrichten</i> , 2015, 336, 84-90.	0.6	1
1453	The multi-messenger picture of compact binary mergers. <i>International Journal of Modern Physics D</i> , 2015, 24, 1530012.	0.9	121
1454	Liouville mode in gauge/gravity duality. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	8
1455	The most distant quasar at $z = 7.08$: Probable retrograde rotation of an accreting supermassive black hole. <i>Astronomische Nachrichten</i> , 2015, 336, 312-315.	0.6	2
1456	Magnetic field and radius of the innermost stable circular orbit near supermassive black holes in active galactic nuclei. <i>Astronomische Nachrichten</i> , 2015, 336, 1013-1016.	0.6	5

#	ARTICLE	IF	CITATIONS
1457	Geodesics dynamics in the Linetâ€™Tian spacetime with $\hat{\rho}$ > 0. Classical and Quantum Gravity, 2015, 32, 185015.	1.5	2
1458	The nature of the $\hat{\Gamma}^3$ -ray flare associated with blazar 3C 454.3. Research in Astronomy and Astrophysics, 2015, 15, 1455-1466.	0.7	4
1459	Spacetime, spin and Gravity Probe B. Classical and Quantum Gravity, 2015, 32, 224003.	1.5	8
1460	Environmental Effects for Gravitational-wave Astrophysics. Journal of Physics: Conference Series, 2015, 610, 012044.	0.3	59
1461	Magnetised accretion discs in Kerr spacetimes. Astronomy and Astrophysics, 2015, 574, A40.	2.1	7
1462	Quasars in the 4D eigenvector 1 context: a stroll down memory lane. Frontiers in Astronomy and Space Sciences, 2015, 2, .	1.1	29
1463	Symmetry and the Arrow of Time in Theoretical Black Hole Astrophysics. Journal of Gravity, 2015, 2015, 1-5.	0.4	0
1464	Extragalactic circuits, transmission lines, and CR particle acceleration. EPJ Web of Conferences, 2015, 99, 13005.	0.1	1
1465	Particle Dynamics around Weakly Magnetized Reissner-NordstrÃ¶m Black Hole. Advances in High Energy Physics, 2015, 2015, 1-11.	0.5	5
1466	Reverse Shock Emission in Gamma-Ray Bursts Revisited. Advances in Astronomy, 2015, 2015, 1-16.	0.5	11
1467	Physics of Gamma-Ray Bursts Prompt Emission. Advances in Astronomy, 2015, 2015, 1-37.	0.5	73
1468	FM6: Summary of Session #5 on Accretion and Feedback in Active Galactic Nuclei. Proceedings of the International Astronomical Union, 2015, 11, 101-112.	0.0	0
1469	Connection between inner jet kinematics and broadband flux variability in the BL Lacertae object S5 0716+714. Astronomy and Astrophysics, 2015, 578, A123.	2.1	35
1470	TIME-DEPENDENT MODELING OF GAMMA-RAY FLARES IN BLAZAR PKS1510â€™089. Astrophysical Journal, 2015, 809, 171.	1.6	34
1471	THE CORONA OF THE BROAD-LINE RADIO GALAXY 3C 390.3. Astrophysical Journal, 2015, 814, 24.	1.6	25
1472	Global simulations of axisymmetric radiative black hole accretion discs in general relativity with a mean-field magnetic dynamo. Monthly Notices of the Royal Astronomical Society, 2015, 447, 49-71.	1.6	137
1473	Revisiting correlations between broad-line and jet emission variations for AGNs: 3C 120 and 3C 273. Monthly Notices of the Royal Astronomical Society, 2015, 450, 494-503.	1.6	2
1474	JET PROPERTIES OF GeV-SELECTED RADIO-LOUD NARROW-LINE SEYFERT 1 GALAXIES AND POSSIBLE CONNECTION TO THEIR DISK AND CORONA. Astrophysical Journal, 2015, 798, 43.	1.6	32

#	ARTICLE	IF	CITATIONS
1475	DETECTION OF QUASAR FEEDBACK FROM THE THERMAL SUNYAEVâ€™ZELâ€™DOVICH EFFECT IN<i>PLANCK</i>. Astrophysical Journal, 2015, 802, 135.	1.6	33
1476	RELATIVISTIC SIMULATIONS OF BLACK HOLEâ€™NEUTRON STAR COALESCENCE: THE JET EMERGES. Astrophysical Journal Letters, 2015, 806, L14.	3.0	131
1477	THE EVENT HORIZON OF M87. Astrophysical Journal, 2015, 805, 179.	1.6	77
1478	EVIDENCE OF THE DYNAMICS OF RELATIVISTIC JET LAUNCHING IN QUASARS. Astrophysical Journal, 2015, 806, 47.	1.6	17
1479	THE COSMIC BATTERY IN ASTROPHYSICAL ACCRETION DISKS. Astrophysical Journal, 2015, 805, 105.	1.6	23
1480	Structure of gamma-ray burst jets: intrinsic versus apparent properties. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3549-3558.	1.6	57
1481	Basic properties of Fermi blazars and the â€™blazar sequenceâ€™™. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3568-3578.	1.6	22
1482	Radio-quiet quasars in the VIDEO survey: evidence for AGN-powered radio emission at S1.4 GHz < 1 mJy. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2665-2686.	1.6	52
1483	SDSS J013127.34â€™032100.1: a candidate blazar with an 11 billion solar mass black hole at <i>z</i>=5.18. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 450, L34-L38.	1.2	21
1484	On the composition of GRBsâ€™™ Collapsar jets. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1077-1084.	1.6	18
1485	Efficiency of super-Eddington magnetically-arrested accretion. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 454, L6-L10.	1.2	69
1486	Testing general relativity with present and future astrophysical observations. Classical and Quantum Gravity, 2015, 32, 243001.	1.5	943
1487	A DECADE OF SHORT-DURATION GAMMA-RAY BURST BROADBAND AFTERGLOWS: ENERGETICS, CIRCUMBURST DENSITIES, AND JET OPENING ANGLES. Astrophysical Journal, 2015, 815, 102.	1.6	384
1488	LAMP: a micro-satellite based soft x-ray polarimeter for astrophysics. Proceedings of SPIE, 2015, , .	0.8	10
1489	Radio AGN in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1595-1604.	1.6	24
1490	TURBULENT RECONNECTION IN RELATIVISTIC PLASMAS AND EFFECTS OF COMPRESSIBILITY. Astrophysical Journal, 2015, 815, 16.	1.6	34
1491	Critical escape velocity for a charged particle in Ernst spacetime. International Journal of Modern Physics D, 2015, 24, 1550054.	0.9	2
1492	BROADBAND EMISSION SPECTRA FROM THE CYGNUS X-3 JET IN THE SOFT SPECTRAL STATE. Astrophysical Journal, 2015, 799, 216.	1.6	2

#	ARTICLE	IF	CITATIONS
1493	The First Billion Years project: gamma-ray bursts at $z > 5$. Monthly Notices of the Royal Astronomical Society, 2015, 446, 4239-4249.	1.6	13
1494	Test of the string loop oscillation model using kHz quasiperiodic oscillations in a neutron star binary. General Relativity and Gravitation, 2015, 47, 1.	0.7	5
1495	MEAN AND EXTREME RADIO PROPERTIES OF QUASARS AND THE ORIGIN OF RADIO EMISSION. Astronomical Journal, 2015, 149, 61.	1.9	46
1496	Local stability of strongly magnetized black hole tori. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3593-3601.	1.6	25
1497	A century of general relativity: Astrophysics and cosmology. Science, 2015, 347, 1103-1108.	6.0	5
1498	NEW CONSTRAINTS ON THE BLACK HOLE LOW/HARD STATE INNER ACCRETION FLOW WITH NuSTAR. Astrophysical Journal Letters, 2015, 799, L6.	3.0	63
1499	UNIVERSAL BEHAVIOR OF X-RAY FLARES FROM BLACK HOLE SYSTEMS. Astrophysical Journal, Supplement Series, 2015, 216, 8.	3.0	27
1500	SIX YEARS OF FERMI-LAT AND MULTI-WAVELENGTH MONITORING OF THE BROAD-LINE RADIO GALAXY 3C 120: JET DISSIPATION AT SUB-PARSEC SCALES FROM THE CENTRAL ENGINE. Astrophysical Journal Letters, 2015, 799, L18.	3.0	29
1501	The ergoregion in the Kerr spacetime: properties of the equatorial circular motion. European Physical Journal C, 2015, 75, 1.	1.4	26
1502	Shell-shocked: the interstellar medium near Cygnus X-1. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3579-3592.	1.6	19
1503	Magnetic Fields at Largest Universal Strengths: Overview. Space Science Reviews, 2015, 191, 1-12.	3.7	8
1504	Nature and evolution of powerful radio galaxies at $z \sim 1$ and their link with the quasar luminosity function. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2985-3001.	1.6	39
1505	Are ultralong gamma-ray bursts powered by black holes spinning down?. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L1-L5.	1.2	8
1506	BLACK HOLE MASS, JET POWER, AND ACCRETION IN AGNs. Astronomical Journal, 2015, 150, 8.	1.9	17
1507	The effect of nonlinear quantum electrodynamics on relativistic transparency and laser absorption in ultra-relativistic plasmas. New Journal of Physics, 2015, 17, 043051.	1.2	41
1508	Outflows from accretion discs formed in neutron star mergers: effect of black hole spin. Monthly Notices of the Royal Astronomical Society, 2015, 446, 750-758.	1.6	115
1509	On the linear stability of magnetized jets without current sheets â€“ non-relativistic case. Monthly Notices of the Royal Astronomical Society, 2015, 450, 982-997.	1.6	14
1510	CORRELATIONS AMONG THE JET, ACCRETION DISK, AND BROAD-LINE REGION OF FLAT SPECTRUM RADIO QUASARS. Astrophysical Journal, 2015, 807, 51.	1.6	54

#	ARTICLE	IF	CITATIONS
1511	STEADY GENERAL RELATIVISTIC MAGNETOHYDRODYNAMIC INFLOW/OUTFLOW SOLUTION ALONG LARGE-SCALE MAGNETIC FIELDS THAT THREAD A ROTATING BLACK HOLE. <i>Astrophysical Journal</i> , 2015, 801, 56.	1.6	30
1512	THE ROLE OF FAST MAGNETIC RECONNECTION ON THE RADIO AND GAMMA-RAY EMISSION FROM THE NUCLEAR REGIONS OF MICROQUASARS AND LOW LUMINOSITY AGNs. <i>Astrophysical Journal</i> , 2015, 802, 113.	1.6	48
1513	Superradiance. <i>Lecture Notes in Physics</i> , 2015, , .	0.3	451
1514	Disks and Jets. <i>Space Science Reviews</i> , 2015, 191, 441-469.	3.7	47
1515	The Kerr metric. <i>Classical and Quantum Gravity</i> , 2015, 32, 124006.	1.5	106
1516	Doppler disc tomography applied to low-mass AGN spin. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1312-1320.	1.6	11
1517	Interpreting MAD within multiple accretion regimes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1498-1503.	1.6	5
1518	Fourth-order split monopole perturbation solutions to the Blandford-Znajek mechanism. <i>Physical Review D</i> , 2015, 91, .	1.6	20
1519	Modelling astrophysical outflows via the unified dynamoâ€“reverse dynamo mechanism. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 449, L36-L40.	1.2	30
1520	Supersymmetric partially interacting dark matter. <i>Physical Review D</i> , 2015, 91, .	1.6	11
1521	Generation of neutral and high-density electronâ€“positron pair plasmas in the laboratory. <i>Nature Communications</i> , 2015, 6, 6747.	5.8	252
1522	Relativistic jets shine through shocks or magnetic reconnection?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 183-191.	1.6	233
1523	The jets-accretion relation, mass-luminosity relation in Fermi blazars. <i>Astrophysics and Space Science</i> , 2015, 357, 1.	0.5	11
1524	Dependence of the spins of supermassive black holes in quasars on their cosmological redshifts. <i>Astronomy Reports</i> , 2015, 59, 271-276.	0.2	0
1525	Magnetic field strength at the innermost circular orbit in accretion disk of supermassive black hole in active galactic nuclei: comparison with the equipartition value. <i>Astrophysics and Space Science</i> , 2015, 357, 1.	0.5	4
1526	Is BZB J1450+5201 the most distant gamma-ray BL Lacertae object?. <i>Research in Astronomy and Astrophysics</i> , 2015, 15, 313-326.	0.7	2
1527	A disc coronaâ€“jet model for the radio/X-ray correlation in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1099-1106.	1.6	25
1528	Local, non-geodesic, timelike currents in the force-free magnetosphere of a Kerr black hole. <i>General Relativity and Gravitation</i> , 2015, 47, 1.	0.7	3

#	ARTICLE	IF	CITATIONS
1529	MAGNETIZATION DEGREE AT THE JET BASE OF M87 DERIVED FROM THE EVENT HORIZON TELESCOPE DATA: TESTING THE MAGNETICALLY DRIVEN JET PARADIGM. <i>Astrophysical Journal</i> , 2015, 803, 30.	1.6	53
1530	CONSTRAINTS ON BLACK HOLE MASSES WITH TIMESCALES OF VARIATIONS IN BLAZARS. <i>Astronomical Journal</i> , 2015, 149, 191.	1.9	10
1531	CAN BLACK HOLE NEUTRINO-COOLED DISKS POWER SHORT GAMMA-RAY BURSTS?. <i>Astrophysical Journal</i> , 2015, 806, 58.	1.6	28
1532	THE MAGNETIC FIELD AND POLARIZATION PROPERTIES OF RADIO GALAXIES IN DIFFERENT ACCRETION STATES. <i>Astrophysical Journal</i> , 2015, 806, 83.	1.6	17
1533	RADIO LOUD AGNs ARE MERGERS. <i>Astrophysical Journal</i> , 2015, 806, 147.	1.6	127
1534	JET LUMINOSITY OF GAMMA-RAY BURSTS: THE BLANDFORD-ZNAJEK MECHANISM VERSUS THE NEUTRINO ANNIHILATION PROCESS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 12.	3.0	56
1535	NUMERICAL SIMULATION OF HOT ACCRETION FLOWS. III. REVISITING WIND PROPERTIES USING THE TRAJECTORY APPROACH. <i>Astrophysical Journal</i> , 2015, 804, 101.	1.6	179
1536	CORRELATIONS OF DISK AND JET EMISSION DEVIATING FROM THE FUNDAMENTAL PLANE. <i>Astrophysical Journal</i> , 2015, 807, 94.	1.6	2
1537	RADIO IMAGING OBSERVATIONS OF PSR J1023+0038 IN AN LMXB STATE. <i>Astrophysical Journal</i> , 2015, 809, 13.	1.6	79
1538	Constraining the parameters of the putative supermassive binary black hole in PG 1302-102 from its radio structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1290-1296.	1.6	28
1539	Gamma-ray burst radio afterglows from Population III stars: simulation methods and detection prospects with SKA precursors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2144-2154.	1.6	6
1540	Outgoing electromagnetic power induced from pair plasma falling into a rotating black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3902-3911.	1.6	2
1541	Causality and stability of cosmic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1089-1104.	1.6	70
1542	Theory of magnetohydrodynamic accretion of matter with an ultrahard equation of state onto a black hole. <i>Journal of Experimental and Theoretical Physics</i> , 2015, 120, 960-965.	0.2	1
1543	ISOTROPIC DETECTABLE X-RAY COUNTERPARTS TO GRAVITATIONAL WAVES FROM NEUTRON STAR BINARY MERGERS. <i>Astrophysical Journal Letters</i> , 2015, 809, L8.	3.0	26
1544	Jet and disc luminosities in tidal disruption events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 157-165.	1.6	37
1545	VISCOUS BOUNDARY LAYERS OF RADIATION-DOMINATED, RELATIVISTIC JETS. I. THE TWO-STREAM MODEL. <i>Astrophysical Journal</i> , 2015, 809, 1.	1.6	22
1546	REAPPROACHING THE SPIN ESTIMATE OF GX 339-4. <i>Astrophysical Journal</i> , 2015, 806, 262.	1.6	26

#	ARTICLE	IF	CITATIONS
1547	The large-scale properties of simulated cosmological magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 4000-4020.	1.6	60
1548	Black hole electrodynamics: How does unipolar induction work in Kerr black holes?. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	1.0	2
1549	How does a secular instability grow in a hyperaccretion flow?. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	1.0	6
1550	CAN DIRECT COLLAPSE BLACK HOLES LAUNCH GAMMA-RAY BURSTS AND GROW TO SUPERMASSIVE BLACK HOLES?. <i>Astrophysical Journal</i> , 2015, 810, 64.	1.6	35
1551	RELATIVISTIC BONDIâ€“HOYLEâ€“LYTTLETON ACCRETION ONTO A ROTATING BLACK HOLE: DENSITY GRADIENTS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 30.	3.0	25
1552	Hadronic models of blazars require a change of the accretion paradigm. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 450, L21-L25.	1.2	74
1553	POTENTIAL GAMMA-RAY EMISSIONS FROM LOW-MASS X-RAY BINARY JETS. <i>Astrophysical Journal</i> , 2015, 806, 168.	1.6	4
1554	<i>NuSTAR</i> OBSERVATIONS OF THE POWERFUL RADIO-GALAXY CYGNUS A. <i>Astrophysical Journal</i> , 2015, 808, 154.	1.6	27
1555	Determination of the Magnitude of the Spins of Supermassive Black Holes and the Magnetic Fields in Active Galactic Nuclei. <i>Astrophysics</i> , 2015, 58, 157-167.	0.1	6
1556	New constraints on the structure and dynamics of black hole jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 4071-4089.	1.6	33
1557	Multi-epoch study of the gamma-ray emission within the M87 magnetosphere model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 042-042.	1.9	2
1558	Radiation from a relativistic Poynting jet: some general considerations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1820-1828.	1.6	16
1559	Mass-loss from advective accretion disc around rotating black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3415-3428.	1.6	31
1560	Magnetic flux of progenitor stars sets gamma-ray burst luminosity and variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 327-344.	1.6	43
1561	Intrinsic physical conditions and structure of relativistic jets in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2726-2737.	1.6	29
1562	Powerful radiative jets in supercritical accretion discs around non-spinning black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3214-3222.	1.6	105
1563	Energetics and optical properties of 6-dimensional rotating black hole in pure Gaussâ€“Bonnet gravity. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	89
1564	Review of gravitomagnetic acceleration from accretion disks. <i>Modern Physics Letters A</i> , 2015, 30, 1530029.	0.5	4

#	ARTICLE	IF	CITATIONS
1565	The physics of gamma-ray bursts & relativistic jets. <i>Physics Reports</i> , 2015, 561, 1-109.	10.3	682
1566	Launching of Active Galactic Nuclei Jets. <i>Astrophysics and Space Science Library</i> , 2015, , 45-82.	1.0	68
1567	Black hole jets without large-scale net magnetic flux. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 446, L61-L65.	1.2	69
1568	Black hole spin evolution affected by magnetic field decay. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1829-1847.	1.6	2
1569	Black Hole Magnetospheres. <i>Astrophysics and Space Science Library</i> , 2015, , 149-176.	1.0	2
1570	The Formation and Disruption of Black Hole Jets. <i>Astrophysics and Space Science Library</i> , 2015, , .	1.0	10
1571	The masses and spins of neutron stars and stellar-mass black holes. <i>Physics Reports</i> , 2015, 548, 1-34.	10.3	178
1572	POWERFUL RADIO EMISSION FROM LOW-MASS SUPERMASSIVE BLACK HOLES FAVORS DISK-LIKE BULGES. <i>Astrophysical Journal Letters</i> , 2016, 833, L2.	3.0	4
1573	PROPAGATION OF RELATIVISTIC, HYDRODYNAMIC, INTERMITTENT JETS IN A ROTATING, COLLAPSING GRB PROGENITOR STAR. <i>Astrophysical Journal</i> , 2016, 833, 116.	1.6	6
1574	RECONCILING AGN-STAR FORMATION, THE SOLTAN ARGUMENT, AND MEIER’S PARADOX. <i>Astrophysical Journal</i> , 2016, 817, 170.	1.6	11
1575	THE MID-INFRARED LUMINOSITY EVOLUTION AND LUMINOSITY FUNCTION OF QUASARS WITH WISE AND SDSS. <i>Astrophysical Journal</i> , 2016, 831, 60.	1.6	11
1576	SPATIAL DISTRIBUTION OF PAIR PRODUCTION OVER THE PULSAR POLAR CAP. <i>Astrophysical Journal</i> , 2016, 830, 119.	1.6	17
1577	THE ENVIRONMENT OF $z \gtrsim 1$ 3CR RADIO GALAXIES AND QSOs: FROM PROTO-CLUSTERS TO CLUSTERS OF GALAXIES?. <i>Astrophysical Journal</i> , 2016, 826, 46.	1.6	14
1578	ALMA SCIENCE VERIFICATION DATA: MILLIMETER CONTINUUM POLARIMETRY OF THE BRIGHT RADIO QUASAR 3C 286. <i>Astrophysical Journal</i> , 2016, 824, 132.	1.6	42
1579	AN ACCRETION DISK-OUTFLOW MODEL FOR HYSTERETIC STATE TRANSITION IN X-RAY BINARIES. <i>Astrophysical Journal</i> , 2016, 817, 71.	1.6	30
1580	THE DEFINITIVE X-RAY LIGHT CURVE OF SWIFT J164449.3+573451. <i>Astrophysical Journal</i> , 2016, 817, 103.	1.6	23
1581	PLASMA-WAVE GENERATION IN A DYNAMIC SPACETIME. <i>Astrophysical Journal</i> , 2016, 817, 183.	1.6	8
1582	[O III] line properties in two samples of radio-emitting narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2016, 591, A88.	2.1	32

#	ARTICLE	IF	CITATIONS
1583	Dynamical analysis of the complex radio structure in 3C49: clues on a rapid jet realignment in X-shaped radio galaxies. <i>Astronomy and Astrophysics</i> , 2016, 595, A46.	2.1	19
1584	Variability of Blazars and Blazar Models over 38 Years. <i>Galaxies</i> , 2016, 4, 37.	1.1	27
1585	A thin disk model for the high efficiency jet in powerful lobe-dominated FR II radio galaxies. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 196-198.	0.0	0
1586	PKS 1502+106: A high-redshift Fermi blazar at extreme angular resolution. <i>Astronomy and Astrophysics</i> , 2016, 586, A60.	2.1	34
1587	The stratified two-sided jet of Cygnus A. <i>Astronomy and Astrophysics</i> , 2016, 585, A33.	2.1	72
1588	Diverse Features of the Multiwavelength Afterglows of Gamma-Ray Bursts: Natural or Special?. <i>Advances in Astronomy</i> , 2016, 2016, 1-10.	0.5	5
1589	Dynamo generated magnetic configurations in accretion discs and the nature of quasi-periodic oscillations in accreting binary systems. <i>Astronomy and Astrophysics</i> , 2016, 588, A18.	2.1	22
1590	Powers and Magnetization of Blazar Jets. <i>Galaxies</i> , 2016, 4, 12.	1.1	14
1591	Applying Relativistic Reconnection to Blazar Jets. <i>Galaxies</i> , 2016, 4, 28.	1.1	10
1592	Magnetic Dissipation in Relativistic Jets. <i>Galaxies</i> , 2016, 4, 40.	1.1	3
1593	Probing the Internal Structure of Magnetized, Relativistic Jets with Numerical Simulations. <i>Galaxies</i> , 2016, 4, 51.	1.1	1
1594	Microscopic Processes in Global Relativistic Jets Containing Helical Magnetic Fields. <i>Galaxies</i> , 2016, 4, 38.	1.1	12
1595	Producing ultra high energy cosmic rays from AGN magnetic luminosity. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 207-210.	0.0	0
1596	Old/Past/Ancient/Historic Frontiers in Black Hole Astrophysics. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 1-7.	0.0	0
1597	Correlation between excitation index and Eddington ratio in radio galaxies. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 004.	0.7	5
1598	Effects of Goldstone bosons on gamma-ray bursts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 037-037.	1.9	3
1599	Gravitomagnetic acceleration from black hole accretion disks. <i>Classical and Quantum Gravity</i> , 2016, 33, 107001.	1.5	6
1600	Science with the space-based interferometer eLISA. III: probing the expansion of the universe using gravitational wave standard sirens. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 002-002.	1.9	167

#	ARTICLE	IF	CITATIONS
1601	Unwrapping the X-ray spectra of active galactic nuclei. <i>Astronomische Nachrichten</i> , 2016, 337, 404-409.	0.6	7
1602	Non-ballistic motion and precessing helical trajectory in quasar NRAO 150. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 020.	0.7	4
1603	Disc-Jet-wind coupling in black hole binaries, and other stories. <i>Astronomische Nachrichten</i> , 2016, 337, 381-384.	0.6	8
1604	DISCOVERY OF A PSEDOBULGE GALAXY LAUNCHING POWERFUL RELATIVISTIC JETS. <i>Astrophysical Journal</i> , 2016, 832, 157.	1.6	40
1605	PULSAR MAGNETOSPHERES: BEYOND THE FLAT SPACETIME DIPOLE. <i>Astrophysical Journal</i> , 2016, 833, 258.	1.6	29
1606	Kinematics of the jet in M87 on scales of 100–1000 Schwarzschild radii. <i>Astronomy and Astrophysics</i> , 2016, 595, A54.	2.1	167
1607	Dynamics of Particles Around a Regular Black Hole with Nonlinear Electrodynamics. <i>Communications in Theoretical Physics</i> , 2016, 66, 509-516.	1.1	31
1608	Energy extraction from Kerr black holes by rigidly rotating strings. <i>Physical Review D</i> , 2016, 94, .	1.6	11
1609	Force-free foliations. <i>Physical Review D</i> , 2016, 94, .	1.6	11
1610	Electromagnetic luminosity of the coalescence of charged black hole binaries. <i>Physical Review D</i> , 2016, 94, .	1.6	49
1611	STRUCTURAL TRANSITION IN THE NGC 6251 JET: AN INTERPLAY WITH THE SUPERMASSIVE BLACK HOLE AND ITS HOST GALAXY. <i>Astrophysical Journal</i> , 2016, 833, 288.	1.6	30
1612	Gravitational wave quasinormal mode from Population III massive black hole binaries in various models of population synthesis. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 103E01.	1.8	13
1613	Gas expulsion in massive star clusters?. <i>Astronomy and Astrophysics</i> , 2016, 587, A53.	2.1	66
1614	Decoupled sectors and Wolf-Rayet galaxies. <i>International Journal of Modern Physics D</i> , 2016, 25, 1650094.	0.9	1
1615	NUMERICAL AND ANALYTICAL SOLUTIONS OF NEUTRINO-DOMINATED ACCRETION FLOWS WITH A NON-ZERO TORQUE BOUNDARY CONDITION AND ITS APPLICATIONS IN GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2016, 833, 129.	1.6	15
1616	INDICATION OF THE BLACK HOLE POWERED JET IN M87 BY VSOP OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 833, 56.	1.6	30
1617	LEPTON ACCELERATION IN THE VICINITY OF THE EVENT HORIZON: HIGH-ENERGY AND VERY-HIGH-ENERGY EMISSIONS FROM ROTATING BLACK HOLES WITH VARIOUS MASSES. <i>Astrophysical Journal</i> , 2016, 833, 142.	1.6	30
1618	Probing Magnetic Fields with Square Kilometre Array and its Precursors. <i>Journal of Astrophysics and Astronomy</i> , 2016, 37, 1.	0.4	3

#	ARTICLE	IF	CITATIONS
1619	Dependence of the Spin of Supermassive Black Holes on the Eddington Factor for Accretion Disks in Active Galactic Nuclei. <i>Astrophysics</i> , 2016, 59, 439-448.	0.1	1
1620	General relativistic magnetohydrodynamical simulations of the jet in M87. <i>Astronomy and Astrophysics</i> , 2016, 586, A38.	2.1	197
1621	DETECTION OF VERY HARD γ -RAY SPECTRUM FROM THE TEV BLAZAR MRK 501. <i>Astrophysical Journal</i> , 2016, 832, 177.	1.6	25
1622	Size of shell universe in light of Fermi GBM transient associated with GW150914. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 763, 397-400.	1.5	3
1623	Scale-invariant radio jets and varying black hole spin. <i>Astronomy and Astrophysics</i> , 2016, 596, A13.	2.1	25
1624	ON THE RADIO DICHOTOMY OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2016, 833, 30.	1.6	21
1625	REVERBERATION MAPPING OF THE GAMMA-RAY LOUD NARROW-LINE SEYFERT 1 GALAXY 1H 0323+342. <i>Astrophysical Journal</i> , 2016, 824, 149.	1.6	29
1626	Particle acceleration in the vacuum gaps in black hole magnetospheres. <i>Astronomy and Astrophysics</i> , 2016, 593, A8.	2.1	37
1627	THE INTERNAL STRUCTURE OF OVERPRESSURED, MAGNETIZED, RELATIVISTIC JETS. <i>Astrophysical Journal</i> , 2016, 831, 163.	1.6	42
1628	SOFT X-RAY EXCESS FROM SHOCKED ACCRETING PLASMA IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2016, 827, 31.	1.6	14
1629	Extragalactic jets and lobes – I. , 0, , 117-139.		0
1630	Hertz potential formalism for force-free electrodynamics and its application to Brennan–Gralla–Jacobson solutions. <i>International Journal of Modern Physics D</i> , 2016, 25, 1650039.	0.9	0
1631	The disk-jet connection of Fermi 2LAC blazars. <i>New Astronomy</i> , 2016, 46, 9-14.	0.8	3
1632	Electromagnetic Signatures of Neutron Star Mergers in the Advanced LIGO Era. <i>Annual Review of Nuclear and Particle Science</i> , 2016, 66, 23-45.	3.5	162
1633	JET SIGNATURES IN THE SPECTRA OF ACCRETING BLACK HOLES. <i>Astrophysical Journal</i> , 2016, 819, 95.	1.6	15
1634	Evidence for a significant mixture of electron/positron pairs in FR II jets constrained by cocoon dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1124-1136.	1.6	16
1635	General relativistic considerations of the field shedding model of fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 459, L41-L45.	1.2	14
1636	EVOLUTION OF GLOBAL RELATIVISTIC JETS: COLLIMATIONS AND EXPANSION WITH kKHI AND THE WEIBEL INSTABILITY. <i>Astrophysical Journal</i> , 2016, 820, 94.	1.6	36

#	ARTICLE	IF	CITATIONS
1637	Acceleration of the charged particles due to chaotic scattering in the combined black hole gravitational field and asymptotically uniform magnetic field. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	114
1638	Possible confirmation of the existence of the ergoregion by the Kerr quasinormal mode in gravitational waves from a Population III massive black hole binary. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 031E01.	1.8	6
1639	A METHOD TO CONSTRAIN MASS AND SPIN OF GRB BLACK HOLES WITHIN THE NDAF MODEL. <i>Astrophysical Journal</i> , 2016, 821, 132.	1.6	8
1640	The environments of high-redshift radio galaxies and quasars: probes of protoclusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3827-3839.	1.6	39
1641	The view of AGN-host alignment via reflection spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1568-1576.	1.6	21
1642	POLARIZATION EVOLUTION OF EARLY OPTICAL AFTERGLOWS OF GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2016, 816, 73.	1.6	22
1643	TESTING WIND AS AN EXPLANATION FOR THE SPIN PROBLEM IN THE CONTINUUM-FITTING METHOD. <i>Astrophysical Journal</i> , 2016, 821, 104.	1.6	19
1644	Variabilities of gamma-ray bursts from black hole hyper-accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 245-250.	1.6	13
1645	Binary neutron star mergers and short gamma-ray bursts: Effects of magnetic field orientation, equation of state, and mass ratio. <i>Physical Review D</i> , 2016, 94, .	1.6	75
1646	A mathematical form of force-free magnetosphere equation around Kerr black holes and its application to Meissner effect. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 112-116.	1.5	4
1647	Magnetic flux stabilizing thin accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 960-965.	1.6	22
1648	Dependence of the broad Fe K α line on the physical parameters of AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 684-695.	1.6	7
1649	Blandford-Znajek mechanism in black holes in alternative theories of gravity. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	20
1650	The Correlations of Jet Power with Black Hole Mass and Spin in Radio Loud Quasars. <i>Chinese Astronomy and Astrophysics</i> , 2016, 40, 198-209.	0.1	1
1651	Die Schwarzschild-Lösung, , 2016, , 143-152.		0
1652	Curvature of the spectral energy distribution, the inverse Compton component and the jet in Fermi 2LAC blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3038-3055.	1.6	17
1653	Black Hole Spin: Theory and Observation. <i>Astrophysics and Space Science Library</i> , 2016, , 99-151.	1.0	28
1654	Winds from Black Hole Accretion Flows: Formation and Their Interaction with ISM. <i>Astrophysics and Space Science Library</i> , 2016, , 153-168.	1.0	1

#	ARTICLE	IF	CITATIONS
1655	THE BLACK HOLE CENTRAL ENGINE FOR ULTRA-LONG GAMMA-RAY BURST 111209A AND ITS ASSOCIATED SUPERNOVA 2011KL. <i>Astrophysical Journal</i> , 2016, 826, 141.	1.6	23
1656	BEAMING OF PARTICLES AND SYNCHROTRON RADIATION IN RELATIVISTIC MAGNETIC RECONNECTION. <i>Astrophysical Journal</i> , 2016, 826, 221.	1.6	25
1657	The magnetic Rayleigh–Taylor instability in astrophysical discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 565-575.	1.6	7
1658	IMPRINTS OF ELECTRON–POSITRON WINDS ON THE MULTIWAVELENGTH AFTERGLOWS OF GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2016, 825, 107.	1.6	28
1659	Efficiency of thin magnetically arrested discs around black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 636-648.	1.6	67
1660	Accumulative coupling between magnetized tenuous plasma and gravitational waves. <i>Physical Review D</i> , 2016, 94, .	1.6	0
1661	THE SPIN OF THE BLACK HOLE IN THE X-RAY BINARY NOVA MUSCAE 1991. <i>Astrophysical Journal</i> , 2016, 825, 45.	1.6	20
1662	IMPLICATIONS OF THE TENTATIVE ASSOCIATION BETWEEN GW150914 AND A FERMI-GBM TRANSIENT. <i>Astrophysical Journal Letters</i> , 2016, 827, L16.	3.0	39
1663	ACCELERATION OF COMPACT RADIO JETS ON SUB-PARSEC SCALES. <i>Astrophysical Journal</i> , 2016, 826, 135.	1.6	26
1664	Accretion in active galactic nuclei and disk–jet coupling. <i>Astronomische Nachrichten</i> , 2016, 337, 73-81.	0.6	12
1665	The compact radio structure of radio–loud NLS1 galaxies and the relationship to CSS sources. <i>Astronomische Nachrichten</i> , 2016, 337, 125-129.	0.6	5
1666	Bright transients from strongly-magnetized neutron star-black hole mergers. <i>Physical Review D</i> , 2016, 94, .	1.6	29
1667	Blazar flares powered by plasmoids in relativistic reconnection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3325-3343.	1.6	109
1668	GRB/GW ASSOCIATION: LONG–SHORT GRB CANDIDATES, TIME LAG, MEASURING GRAVITATIONAL WAVE VELOCITY, AND TESTING EINSTEIN’S EQUIVALENCE PRINCIPLE. <i>Astrophysical Journal</i> , 2016, 827, 75.	1.6	32
1669	ULTRAFAST OUTFLOWS FROM BLACK HOLE MERGERS WITH A MINIDISK. <i>Astrophysical Journal Letters</i> , 2016, 822, L9.	3.0	71
1670	Gamma-Ray Observations of Active Galactic Nuclei. <i>Annual Review of Astronomy and Astrophysics</i> , 2016, 54, 725-760.	8.1	107
1671	The 80 Ms follow-up of the X-ray afterglow of GRB 130427A challenges the standard forward shock model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1111-1122.	1.6	26
1672	GRAVITATIONAL-WAVE OBSERVATIONS MAY CONSTRAIN GAMMA-RAY BURST MODELS: THE CASE OF GW150914–GBM. <i>Astrophysical Journal Letters</i> , 2016, 827, L34.	3.0	11

#	ARTICLE	IF	CITATIONS
1673	HIGH-RESOLUTION LINEAR POLARIMETRIC IMAGING FOR THE EVENT HORIZON TELESCOPE. <i>Astrophysical Journal</i> , 2016, 829, 11.	1.6	159
1674	MeV–GeV neutrino propagation as a signal of magnetic field amplification in neutron star merger. <i>Journal of High Energy Astrophysics</i> , 2016, 11-12, 29-43.	2.4	6
1675	High-energy gamma-ray observations of the accreting black hole V404 Cygni during its 2015 June outburst. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 462, L111-L115.	1.2	32
1676	Spezielle und allgemeine Relativitätstheorie für Bachelorstudenten. , 2016, , .		0
1677	Near-horizon extreme Kerr magnetospheres. <i>Physical Review D</i> , 2016, 93, .	1.6	20
1678	Damped and zero-damped quasinormal modes of charged, nearly extremal black holes. <i>Physical Review D</i> , 2016, 93, .	1.6	23
1679	Electromagnetic jets from stars and black holes. <i>Physical Review D</i> , 2016, 93, .	1.6	22
1680	Black hole energy extraction via a stationary scalar analog of the Blandford-Znajek mechanism. <i>Physical Review D</i> , 2016, 93, .	1.6	13
1681	Detecting quasinormal modes of binary black hole mergers with second-generation gravitational-wave detectors. <i>Physical Review D</i> , 2016, 93, .	1.6	21
1682	Thermodynamic optimization of a Penrose process: An engineers' approach to black hole thermodynamics. <i>Physical Review D</i> , 2016, 93, .	1.6	5
1683	Covariant hyperbolization of force-free electrodynamics. <i>Physical Review D</i> , 2016, 93, .	1.6	21
1684	Near-horizon Kerr magnetosphere. <i>Physical Review D</i> , 2016, 93, .	1.6	33
1685	Plasma waves and jets from moving conductors. <i>Physical Review D</i> , 2016, 93, .	1.6	4
1686	Circularization of tidally disrupted stars around spinning supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3760-3780.	1.6	138
1687	A magnetic model for low/hard state of black hole binaries. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 004.	0.7	1
1688	On the theoretical framework of magnetized outflows from stellar-mass black holes and related observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2650-2657.	1.6	0
1689	FORMATION OF OVERHEATED REGIONS AND TRUNCATED DISKS AROUND BLACK HOLES: THREE-DIMENSIONAL GENERAL RELATIVISTIC RADIATION-MAGNETOHYDRODYNAMICS SIMULATIONS. <i>Astrophysical Journal</i> , 2016, 826, 23.	1.6	61
1690	Strongly Enhanced Stimulated Brillouin Backscattering in an Electron-Positron Plasma. <i>Physical Review Letters</i> , 2016, 116, 015004.	2.9	33

#	ARTICLE	IF	CITATIONS
1691	RADIATION AND POLARIZATION SIGNATURES OF THE 3D MULTIZONE TIME-DEPENDENT HADRONIC BLAZAR MODEL. <i>Astrophysical Journal</i> , 2016, 829, 69.	1.6	21
1692	EFFECTS OF SPIN ON HIGH-ENERGY RADIATION FROM ACCRETING BLACK HOLES. <i>Astrophysical Journal</i> , 2016, 831, 62.	1.6	5
1693	BARYON LOADING EFFICIENCY AND PARTICLE ACCELERATION EFFICIENCY OF RELATIVISTIC JETS: CASES FOR LOW LUMINOSITY BL LACS. <i>Astrophysical Journal</i> , 2016, 828, 13.	1.6	33
1694	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016, 6, .	2.8	898
1695	A MAD model for gamma-ray burst variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1045-1052.	1.6	13
1696	Covering factors of the dusty obscurers in radio-loud and radio-quiet quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2346-2352.	1.6	7
1697	Multifrequency study of a double radio galaxy J1706+4340. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 338-347.	1.6	8
1698	<i>SWIFT</i> view of the 2015 outburst of GS 2023+338 (V404 Cyg): complex evolution of spectral and temporal characteristics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1834-1846.	1.6	26
1699	Athena Wide Field Imager key science drivers. , 2016, , .		5
1700	RADIO FOLLOW-UP OF GRAVITATIONAL-WAVE TRIGGERS DURING ADVANCED LIGO O1. <i>Astrophysical Journal Letters</i> , 2016, 829, L28.	3.0	21
1701	Constraints on black hole spins with a general relativistic accretion disk corona model. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 003.	0.7	4
1702	Observational View of Magnetic Fields in Active Galactic Nuclei Jets. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 149-156.	0.0	0
1703	Ultrafast VHE Gamma-Ray Flares of ICÂ310. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 157-163.	0.0	0
1704	The jet detection in radio-loud narrow-line Seyfert 1 galaxies. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 188-191.	0.0	2
1705	Neutrino lighthouse powered by Sagittarius<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi mathvariant="normal">A</mml:mi></mml:mrow><mml:mrow><mml:mo>*</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math> dynamo. <i>Physical Review D</i> , 2016, 94, .	1.6	9
1706	A highly magnetized twin-jet base pinpoints a supermassive black hole. <i>Astronomy and Astrophysics</i> , 2016, 593, A47.	2.1	65
1707	The MIXR sample: AGN activity versus star formation across the cross-correlation of <i>WISE</i>, 3XMM, and FIRST/NVSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2631-2667.	1.6	71
1708	On the gamma-ray burst â€“ gravitational wave association in GW150914. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 291-294.	0.0	1

#	ARTICLE	IF	CITATIONS
1709	Mass-scaling as a method to constrain outflows and particle acceleration from low-luminosity accreting black holes. Monthly Notices of the Royal Astronomical Society, 0, , stw3150.	1.6	18
1710	CENTRAL ENGINE OF LATE-TIME X-RAY FLARES WITH INTERNAL ORIGIN. Astrophysical Journal, 2016, 832, 161.	1.6	20
1711	From Nearby Low Luminosity AGN to High Redshift Radio Galaxies: Science Interests with Square Kilometre Array. Journal of Astrophysics and Astronomy, 2016, 37, 1.	0.4	3
1712	Tracking Galaxy Evolution Through Low-Frequency Radio Continuum Observations using SKA and Citizen-Science Research using Multi-Wavelength Data. Journal of Astrophysics and Astronomy, 2016, 37, 1.	0.4	3
1713	Dynamics of particles around time conformal Schwarzschild black hole. European Physical Journal C, 2016, 76, 1.	1.4	31
1714	Magnetized particle motion around non-Schwarzschild black hole immersed in an external uniform magnetic field. Astrophysics and Space Science, 2016, 361, 1.	0.5	42
1715	A possible influence on standard model of quasars and active galactic nuclei in strong magnetic field. Astrophysics and Space Science, 2016, 361, 1.	0.5	5
1716	Does black hole spin play a key role in the FSRQ/BL Lac dichotomy?. Research in Astronomy and Astrophysics, 2016, 16, 002.	0.7	6
1717	Gamma-Ray Bursts and Population III Stars. Space Science Reviews, 2016, 202, 159-180.	3.7	17
1718	Interpreting the radio/X-ray correlation of black hole X-ray binaries based on the accretionâ€“jet model. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4377-4383.	1.6	31
1719	â€“Spectro-temporalâ€™ variabilities and possible physical mechanism for jet ejections. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4403-4416.	1.6	22
1720	Swift J1644+57: an ideal test bed of radiation mechanisms in a relativistic super-Eddington jet. Monthly Notices of the Royal Astronomical Society, 2016, 460, 396-416.	1.6	8
1721	How close can we approach the event horizon of the Kerr black hole from the detection of gravitational quasinormal modes?. Progress of Theoretical and Experimental Physics, 2016, 2016, 041E01.	1.8	7
1722	THE JET-POWERED SUPERNOVAE OF $\sim 10^{5.5} M_{\odot}$ POPULATION III STARS ARE OBSERVABLE BY EUCLID, WFIRST, WISH, AND JWST. Astrophysical Journal, 2016, 823, 83.	1.6	15
1723	ULTRAHIGH-ENERGY COSMIC RAYS AND BLACK HOLE MERGERS. Astrophysical Journal Letters, 2016, 823, L29.	3.0	39
1724	BINARY NEUTRON STAR MERGERS: A JET ENGINE FOR SHORT GAMMA-RAY BURSTS. Astrophysical Journal Letters, 2016, 824, L6.	3.0	163
1725	Penrose process in a charged axionâ€“dilaton coupled black hole. European Physical Journal C, 2016, 76, 1.	1.4	7
1726	The magnetic-field structure in a stationary accretion disk. Astronomy Reports, 2016, 60, 486-497.	0.2	2

#	ARTICLE	IF	CITATIONS
1727	SPATIAL GROWTH OF CURRENT-DRIVEN INSTABILITY IN RELATIVISTIC ROTATING JETS AND THE SEARCH FOR MAGNETIC RECONNECTION. <i>Astrophysical Journal</i> , 2016, 824, 48.	1.6	51
1728	The young radio lobe of 3C 84: inferred gas properties in the central 10 kpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2289-2294.	1.6	12
1729	Relativistic MHD simulations of core-collapse GRB jets: 3D instabilities and magnetic dissipation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1739-1760.	1.6	179
1730	On the magnetization of BL Lac jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2374-2382.	1.6	53
1731	On the linear stability of sheared and magnetized jets without current sheets – non-relativistic case. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 728-741.	1.6	10
1732	The mass and spin of the extreme Narrow Line Seyfert 1 Galaxy 1H 0707+495 and its implications for the trigger for relativistic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1716-1724.	1.6	47
1733	A selection effect boosting the contribution from rapidly spinning black holes to the cosmic X-ray background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2012-2023.	1.6	54
1734	How well can we measure supermassive black hole spin?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1927-1938.	1.6	21
1735	Inner engine shutdown from transitions in the angular momentum distribution in collapsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 2140-2149.	1.6	4
1736	Hot accretion flow with radiative cooling: state transitions in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1543-1553.	1.6	20
1737	Electromagnetic afterglows associated with gamma-ray emission coincident with binary black hole merger event GW150914. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 051E01.	1.8	35
1738	Black holes and gravitational waves in models of minicharged dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 054-054.	1.9	82
1739	PROBING THE INNERMOST REGIONS OF AGN JETS AND THEIR MAGNETIC FIELDS WITH RADIOASTRON. I. IMAGING BL LACERTAE AT 21 μas RESOLUTION. <i>Astrophysical Journal</i> , 2016, 817, 96.	1.6	114
1740	HIGH-SENSITIVITY 86 GHz (3.5 mm) VLBI OBSERVATIONS OF M87: DEEP IMAGING OF THE JET BASE AT A RESOLUTION OF 10 SCHWARZSCHILD RADII. <i>Astrophysical Journal</i> , 2016, 817, 131.	1.6	136
1741	Gamma ray emitting globular clusters: Possible contribution from relativistic jets of intermediate mass black holes. <i>New Astronomy</i> , 2016, 45, 29-31.	0.8	0
1742	ANALYTIC PROPERTIES OF FORCE-FREE JETS IN THE KERR SPACETIME – II. <i>Astrophysical Journal</i> , 2016, 816, 77.	1.6	11
1743	Energy flows in thick accretion discs and their consequences for black hole feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3915-3928.	1.6	48
1744	The rapid decay phase of the afterglow as the signature of the Blandford-Znajek mechanism. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4479-4486.	1.6	14

#	ARTICLE	IF	CITATIONS
1745	The physical fundamental plane of black hole activity: revisited. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	0.5	12
1746	Testing black hole neutrino-dominated accretion discs for long-duration gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1921-1926.	1.6	28
1747	Spin properties of supermassive black holes with powerful outflows. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 458, L24-L28.	1.2	19
1748	FREELY DECAYING TURBULENCE IN FORCE-FREE ELECTRODYNAMICS. <i>Astrophysical Journal</i> , 2016, 817, 89.	1.6	34
1749	Scale-invariant jet suppression across the black hole mass scale. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	0.5	5
1750	Testing the no-hair theorem with the continuum-fitting and the iron line methods: a short review. <i>Classical and Quantum Gravity</i> , 2016, 33, 064001.	1.5	83
1751	ENERGETIC GAMMA RADIATION FROM RAPIDLY ROTATING BLACK HOLES. <i>Astrophysical Journal</i> , 2016, 818, 50.	1.6	74
1752	INTRINSIC ELECTROMAGNETIC VARIABILITY IN CELESTIAL OBJECTS CONTAINING RAPIDLY SPINNING BLACK HOLES. <i>Astrophysical Journal</i> , 2016, 818, 82.	1.6	0
1753	THE OPTICAL-UV EMISSIVITY OF QUASARS: DEPENDENCE ON BLACK HOLE MASS AND RADIO LOUDNESS. <i>Astrophysical Journal Letters</i> , 2016, 818, L1.	3.0	23
1754	The central parsecs of M87: jet emission and an elusive accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3801-3816.	1.6	110
1755	A model for 3:2 HFQPO pairs in black hole binaries based on cosmic battery. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3859-3866.	1.6	1
1756	OPTICAL THERMONUCLEAR TRANSIENTS FROM TIDAL COMPRESSION OF WHITE DWARFS AS TRACERS OF THE LOW END OF THE MASSIVE BLACK HOLE MASS FUNCTION. <i>Astrophysical Journal</i> , 2016, 819, 3.	1.6	69
1757	First-generation science cases for ground-based terahertz telescopes. <i>Publication of the Astronomical Society of Japan</i> , 2016, 68, .	1.0	12
1758	The central engine of GRB 130831A and the energy breakdown of a relativistic explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1027-1042.	1.6	21
1759	IGR J12580+0134: THE FIRST TIDAL DISRUPTION EVENT WITH AN OFF-BEAM RELATIVISTIC JET. <i>Astrophysical Journal</i> , 2016, 816, 20.	1.6	29
1760	Optical monitoring observations of two $\hat{\Gamma}^3$ -ray narrow-line Seyfert 1 galaxies. <i>New Astronomy</i> , 2016, 44, 51-57.	0.8	4
1761	Supermassive black holes from collapsing dark matter Bose-Einstein condensates. <i>Classical and Quantum Gravity</i> , 2017, 34, 035006.	1.5	8
1762	Phase-transition Theory of Kerr Black Holes in the Electromagnetic Field. <i>Astrophysical Journal</i> , 2017, 835, 247.	1.6	6

#	ARTICLE	IF	CITATIONS
1763	Relativistic Jets in Active Galactic Nuclei and Microquasars. <i>Space Science Reviews</i> , 2017, 207, 5-61.	3.7	115
1764	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITOR AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017, 835, 82.	1.6	32
1765	On gravitational chirality as the genesis of astrophysical jets. <i>Classical and Quantum Gravity</i> , 2017, 34, 035005.	1.5	9
1766	Lorentz factor $\hat{\epsilon}$ Beaming corrected energy/luminosity correlations and GRB central engine models. <i>Journal of High Energy Astrophysics</i> , 2017, 13-14, 1-9.	2.4	24
1767	Observable acceleration of jets by a Kerr black hole. <i>General Relativity and Gravitation</i> , 2017, 49, 1.	0.7	9
1768	grim: A Flexible, Conservative Scheme for Relativistic Fluid Theories. <i>Astrophysical Journal</i> , 2017, 837, 92.	1.6	19
1769	Effects of inner Alfvén surface location on black hole energy extraction in the limit of a force-free magnetosphere. <i>Physical Review D</i> , 2017, 95, .	1.6	5
1770	Vertical Advection Effects on Hyper-accretion Disks and Potential Link between Gamma-Ray Bursts and Kilonovae. <i>Astrophysical Journal</i> , 2017, 836, 245.	1.6	10
1771	Meissner effect for weakly isolated horizons. <i>Physical Review D</i> , 2017, 95, .	1.6	9
1772	Effects of electromagnetic field on the motion of particles in dyonic Reissner-Nordström black hole. <i>International Journal of Modern Physics D</i> , 2017, 26, 1750091.	0.9	4
1773	Microphysics in the Gamma-Ray Burst Central Engine. <i>Astrophysical Journal</i> , 2017, 837, 39.	1.6	18
1774	Correlation analysis of radio properties and accretion-disk luminosity for low luminosity AGNs. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	0.5	5
1775	Fundamental Plane of Black Hole Activity in the Quiescent Regime. <i>Astrophysical Journal</i> , 2017, 836, 104.	1.6	20
1776	Polarization Radiation with Turbulent Magnetic Fields from X-Ray Binaries. <i>Astrophysical Journal</i> , 2017, 836, 72.	1.6	4
1777	Location of γ -ray emission and magnetic field strengths in OJ 287. <i>Astronomy and Astrophysics</i> , 2017, 597, A80.	2.1	61
1778	Pulsar magnetospheric convulsions induced by an external magnetic field. <i>Astronomy and Astrophysics</i> , 2017, 598, A88.	2.1	4
1779	Analytic Properties of Force-free Jets in the Kerr Spacetime. III. Uniform Field Solution. <i>Astrophysical Journal</i> , 2017, 836, 193.	1.6	15
1780	Photospheric emission in gamma-ray bursts. <i>International Journal of Modern Physics D</i> , 2017, 26, 1730018.	0.9	23

#	ARTICLE	IF	CITATIONS
1781	High energy radiation from jets and accretion disks near rotating black holes. AIP Conference Proceedings, 2017, , .	0.3	0
1782	rHARM: ACCRETION AND EJECTION IN RESISTIVE GR-MHD. Astrophysical Journal, 2017, 834, 29.	1.6	28
1783	A new view on the M87 jet origin: Turbulent loading leading to large-scale episodic wiggling. Astronomy and Astrophysics, 2017, 601, A52.	2.1	21
1784	Ultrahigh energy cosmic ray nuclei from remnants of dead quasars. Journal of High Energy Astrophysics, 2017, 13-14, 32-45.	2.4	6
1785	Quenching of Supermassive Black Hole Growth around the Apparent Maximum Mass. Astrophysical Journal Letters, 2017, 840, L9.	3.0	15
1786	Black holes in close binary systems and galactic nuclei. Astronomy Reports, 2017, 61, 265-274.	0.2	2
1787	Disk-Jet Connection in Active Supermassive Black Holes in the Standard Accretion Disk Regime. Astrophysical Journal, 2017, 840, 46.	1.6	21
1788	Particle dynamics around time conformal regular black holes via Noether symmetries. International Journal of Modern Physics D, 2017, 26, 1750059.	0.9	5
1789	The VLA-COSMOS 3 GHz Large Project: AGN and host-galaxy properties out to $z < 1$. Astronomy and Astrophysics, 2017, 602, A3.	2.1	113
1790	Can tidal disruption events produce the IceCube neutrinos?. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1354-1359.	1.6	58
1791	Radio Luminosity Function of Flat-spectrum Radio Quasars. Astrophysical Journal, 2017, 842, 87.	1.6	16
1792	A boosted Kerr black hole solution and the structure of a general astrophysical black hole. General Relativity and Gravitation, 2017, 49, 1.	0.7	6
1793	Implications of the Low Binary Black Hole Aligned Spins Observed by LIGO. Astrophysical Journal, 2017, 842, 111.	1.6	58
1794	Galaxy Evolution in the Radio Band: The Role of Star-forming Galaxies and Active Galactic Nuclei. Astrophysical Journal, 2017, 842, 95.	1.6	77
1795	A new, faint population of X-ray transients. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4841-4857.	1.6	46
1796	Magnetic fields threading black holes: restrictions from general relativity and implications for astrophysical black holes. Astrophysics and Space Science, 2017, 362, 1.	0.5	3
1797	Searching for intermediate-mass black holes in galaxies with low-luminosity AGN: a multiple-method approach. Astronomy and Astrophysics, 2017, 601, A20.	2.1	16
1798	The black hole accretion code. Computational Astrophysics and Cosmology, 2017, 4, .	22.7	154

#	ARTICLE	IF	CITATIONS
1799	Scenarios for Ultrafast Gamma-Ray Variability in AGN. <i>Astrophysical Journal</i> , 2017, 841, 61.	1.6	47
1800	Ion acceleration with radiation pressure in quantum electrodynamic regimes. , 2017, , .		0
1801	A swirling jet in the quasar 1308+326. <i>Astronomy and Astrophysics</i> , 2017, 602, A29.	2.1	23
1802	Constraint on the black hole spin of M87 from the accretion-jet model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 612-616.	1.6	28
1803	Binary neutron star mergers: a review of Einstein's richest laboratory. <i>Reports on Progress in Physics</i> , 2017, 80, 096901.	8.1	358
1804	What Can We Learn about GRB from the Variability Timescale Related Correlations?. <i>Astrophysical Journal</i> , 2017, 838, 143.	1.6	12
1805	Approximate universal relations for neutron stars and quark stars. <i>Physics Reports</i> , 2017, 681, 1-72.	10.3	242
1806	The puzzling case of the radio-loud QSO 3C 186: a gravitational wave recoiling black hole in a young radio source?. <i>Astronomy and Astrophysics</i> , 2017, 600, A57.	2.1	37
1807	Dynamics and center of mass energy of colliding particles around black hole in $f(R)$ gravity. <i>International Journal of Modern Physics D</i> , 2017, 26, 1741017.	0.9	22
1808	Probing the Magnetic Field Structure in on Black Hole Horizon Scales with Polarized Radiative Transfer Simulations. <i>Astrophysical Journal</i> , 2017, 837, 180.	1.6	66
1809	Fast Radio Bursts with Extended Gamma-Ray Emission?. <i>Astrophysical Journal Letters</i> , 2017, 836, L6.	3.0	27
1810	General relativistic simulations of compact binary mergers as engines for short gamma-ray bursts. <i>Classical and Quantum Gravity</i> , 2017, 34, 084002.	1.5	98
1811	Revealing Physical Activity of GRB Central Engine with Macronova/Kilonova Data. <i>Astrophysical Journal Letters</i> , 2017, 835, L22.	3.0	3
1812	Spontaneous excitation of an atom in a Kerr spacetime. <i>Physical Review D</i> , 2017, 95, .	1.6	16
1813	RESOLVING THE GEOMETRY OF THE INNERMOST RELATIVISTIC JETS IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2017, 834, 65.	1.6	27
1814	Flares in gamma-ray bursts: disc fragmentation and evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4399-4407.	1.6	17
1815	Simulating galaxy formation with black hole driven thermal and kinetic feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3291-3308.	1.6	725
1816	Evidence for Higher Black Hole Spin in Radio-loud Quasars. <i>Astrophysical Journal</i> , 2017, 849, 4.	1.6	16

#	ARTICLE	IF	CITATIONS
1817	An elevation of 0.1 light-seconds for the optical jet base in an accreting Galactic black hole system. <i>Nature Astronomy</i> , 2017, 1, 859-864.	4.2	59
1818	Estimation of mass outflow rates from dissipative accretion disc around rotating black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4806-4819.	1.6	24
1819	General relativistic magnetohydrodynamics simulations of prompt-collapse neutron star mergers: The absence of jets. <i>Physical Review D</i> , 2017, 96, .	1.6	34
1820	Rigidly connected magnetic lines: twisting and winding of magnetic lines. <i>General Relativity and Gravitation</i> , 2017, 49, 1.	0.7	4
1821	Numerical simulations of dissipationless disk accretion. <i>Astronomy Letters</i> , 2017, 43, 595-601.	0.1	3
1822	Bimodal Long-lasting Components in Short Gamma-Ray Bursts: Promising Electromagnetic Counterparts to Neutron Star Binary Mergers. <i>Astrophysical Journal</i> , 2017, 846, 142.	1.6	45
1823	Spin polarization of electrons by ultraintense lasers. <i>Physical Review A</i> , 2017, 96, .	1.0	77
1824	Black hole superradiance signatures of ultralight vectors. <i>Physical Review D</i> , 2017, 96, .	1.6	170
1825	Observable Emission Features of Black Hole GRMHD Jets on Event Horizon Scales. <i>Astrophysical Journal</i> , 2017, 845, 160.	1.6	16
1826	Tomographic reflection modelling of quasi-periodic oscillations in the black hole binary H 1743+322. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2979-2991.	1.6	66
1827	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5.	3.0	15
1828	Electromagnetic cascade masquerade: a way to mimic \hat{v}^3 -axion-like particle mixing effects in blazar spectra. <i>Astronomy and Astrophysics</i> , 2017, 603, A59.	2.1	27
1829	Discâ€“jet coupling in low-luminosity accreting neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 324-339.	1.6	53
1830	Possible quasi-periodic ejections in quasar B1308+326. <i>Astronomy and Astrophysics</i> , 2017, 604, A90.	2.1	4
1831	Properties of Neutrino-driven Ejecta from the Remnant of a Binary Neutron Star Merger: Pure Radiation Hydrodynamics Case. <i>Astrophysical Journal</i> , 2017, 846, 114.	1.6	92
1832	GiRaFFE: an open-source general relativistic force-free electrodynamics code. <i>Classical and Quantum Gravity</i> , 2017, 34, 215001.	1.5	15
1833	Novel scheme for simulating the force-free equations: Boundary conditions and the evolution of solutions towards stationarity. <i>Physical Review D</i> , 2017, 96, .	1.6	16
1834	What Distinguishes the Host Galaxies of Radio-loud and Radio-quiet AGNs?. <i>Astrophysical Journal</i> , 2017, 846, 42.	1.6	11

#	ARTICLE	IF	CITATIONS
1835	Jet in jet in M87. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4121-4127.	1.6	10
1836	Radiative Heating in the Kinetic Mode of AGN Feedback. Astrophysical Journal, 2017, 844, 42.	1.6	28
1837	Can we observe neutrino flares in coincidence with explosive transients?. Astronomy and Astrophysics, 2017, 603, A76.	2.1	21
1838	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events. Astrophysical Journal, 2017, 843, 116.	1.6	16
1839	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. Astrophysical Journal, 2017, 841, 89.	1.6	52
1840	Expanded solutions of force-free electrodynamics on general Kerr black holes. Physical Review D, 2017, 96, .	1.6	4
1841	Horizon instability of extremal Reissner-Nordström black holes to charged perturbations. Physical Review D, 2017, 95, .	1.6	22
1842	Electromagnetic versus Lense-Thirring alignment of black hole accretion discs. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2660-2671.	1.6	9
1843	General relativistic magnetohydrodynamic simulations of binary neutron star mergers forming a long-lived neutron star. Physical Review D, 2017, 95, .	1.6	136
1844	Neutrino-dominated accretion flows as the central engine of gamma-ray bursts. New Astronomy Reviews, 2017, 79, 1-25.	5.2	93
1845	Schwarze Löcher in Galaxienzentren. Physik in Unserer Zeit, 2017, 48, 30-36.	0.0	1
1846	Estimating gravitational radiation from super-emitting compact binary systems. Physical Review D, 2017, 95, .	1.6	12
1847	A model for the repeating FRB 121102 in the AGN scenario. Astronomy and Astrophysics, 2017, 602, A64.	2.1	33
1848	The many lives of active galactic nuclei—II: The formation and evolution of radio jets and their impact on galaxy evolution. Monthly Notices of the Royal Astronomical Society, 2017, 471, 658-670.	1.6	32
1849	Lepton Acceleration in the Vicinity of the Event Horizon: Very High Energy Emissions from Supermassive Black Holes. Astrophysical Journal, 2017, 845, 77.	1.6	17
1850	Paving the way to simultaneous multi-wavelength astronomy. New Astronomy Reviews, 2017, 79, 26-48.	5.2	11
1851	Magnetorotational collapse of supermassive stars: Black hole formation, gravitational waves, and jets. Physical Review D, 2017, 96, .	1.6	27
1852	Simulations of AGN jets: magnetic kink instability versus conical shocks. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4957-4978.	1.6	64

#	ARTICLE	IF	CITATIONS
1853	Multiwavelength detectability of Pop ^{III} GRBs from afterglow simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2476-2493.	1.6	2
1854	Enhanced gamma radiation towards the rotation axis from the immediate vicinity of extremely rotating black holes. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 471, L135-L139.	1.2	4
1855	Searching for High-energy, Horizon-scale Emissions from Galactic Black Hole Transients during Quiescence. <i>Astrophysical Journal</i> , 2017, 845, 40.	1.6	7
1856	On the linear stability of magnetized jets without current sheets in a relativistic case. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4647-4662.	1.6	15
1857	Self-gravity in Magnetized Neutrino-dominated Accretion Disks. <i>Astrophysical Journal</i> , 2017, 845, 64.	1.6	2
1858	Existence of steady gap solutions in rotating black hole magnetospheres. <i>Physical Review D</i> , 2017, 96, .	1.6	33
1859	Extragalactic radio surveys in the pre-Square Kilometre Array era. <i>Royal Society Open Science</i> , 2017, 4, 170522.	1.1	33
1860	Living on a Flare: Relativistic Reflection in V404 Cyg Observed by NuSTAR during Its Summer 2015 Outburst. <i>Astrophysical Journal</i> , 2017, 839, 110.	1.6	71
1861	A galactic microquasar mimicking winged radio galaxies. <i>Nature Communications</i> , 2017, 8, 1757.	5.8	12
1862	Constraints on spin of a supermassive black hole in quasars with big blue bump. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	0.5	10
1863	On the production of heavy axion-like particles in the accretion disks of gamma-ray bursts. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 775, 338-347.	1.5	1
1864	A Nonthermal Radio Filament Connected to the Galactic Black Hole?. <i>Astrophysical Journal Letters</i> , 2017, 850, L23.	3.0	18
1865	The correlations of multi-wave band luminosity and BLR luminosity in Fermi 2LAC blazars. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	0.5	1
1866	Radio observations of active galactic nuclei with mm-VLBI. <i>Astronomy and Astrophysics Review</i> , 2017, 25, 1.	9.1	58
1867	Charged cosmological black hole. <i>Physical Review D</i> , 2017, 96, .	1.6	4
1868	Hyperaccreting Black Hole as Gamma-Ray Burst Central Engine. II. Temporal Evolution of the Central Engine Parameters during the Prompt and Afterglow Phases. <i>Astrophysical Journal</i> , 2017, 849, 47.	1.6	49
1869	Estimative of conversion fractions of AGN magnetic luminosity to produce ultra high energy cosmic rays from the observation of Fermi-LAT gamma rays. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
1870	Signature of a Newborn Black Hole from the Collapse of a Supra-massive Millisecond Magnetar. <i>Astrophysical Journal</i> , 2017, 849, 119.	1.6	33

#	ARTICLE	IF	CITATIONS
1871	Magnetized black holes in an external gravitational field. <i>Physical Review D</i> , 2017, 96, .	1.6	8
1872	Black holes, disks, and jets following binary mergers and stellar collapse: The narrow range of electromagnetic luminosities and accretion rates. <i>Physical Review D</i> , 2017, 95, .	1.6	33
1873	Metric Independence of Vacuum and Force-Free Electromagnetic Fields. <i>Physical Review Letters</i> , 2017, 118, 141101.	2.9	4
1874	On the decay of strong magnetization in global disc simulations with toroidal fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 1838-1843.	1.6	24
1875	Blazar Variability from Turbulence in Jets Launched by Magnetically Arrested Accretion Flows. <i>Astrophysical Journal</i> , 2017, 843, 81.	1.6	18
1876	A <i>Suzaku</i> , <i>NuSTAR</i> , and <i>XMM-Newton</i> view on variable absorption and relativistic reflection in NGC 4151. <i>Astronomy and Astrophysics</i> , 2017, 603, A50.	2.1	26
1877	Spectra of black hole accretion models of ultraluminous X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2997-3014.	1.6	65
1878	Core shift effect in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 813-840.	1.6	17
1879	Particle dynamics near Kerr-MOG black hole. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	55
1880	Behaviour of charged collapsing fluids after hydrostatic equilibrium in R^n gravity. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	3
1881	Relativistic plasmas in AGN jets. <i>European Physical Journal D</i> , 2017, 71, 1.	0.6	6
1882	Testing black hole candidates with electromagnetic radiation. <i>Reviews of Modern Physics</i> , 2017, 89, .	16.4	194
1883	Neutrino pair annihilation above merger remnants: implications of a long-lived massive neutron star. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 084007.	1.4	43
1884	On the possible gamma-ray burstâ€“gravitational wave association in GW150914. <i>New Astronomy</i> , 2017, 51, 7-14.	0.8	49
1885	On extreme transient events from rotating black holes and their gravitational wave emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3219-3228.	1.6	16
1886	Intra-night variability of the blazar CTA 102 during its 2012 and 2016 giant outbursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2216-2223.	1.6	15
1887	On the efficiency of jet production in FR II radio galaxies and quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2294-2301.	1.6	19
1888	Evidence of barâ€“driven secular evolution in the gammaâ€“ray narrowâ€“line Seyfert 1 galaxy FBQS J164442.5+261913. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx022.	1.6	17

#	ARTICLE	IF	CITATIONS
1889	Estimation of bipolar jets from accretion discs around Kerr black holes. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4221-4235.	1.6	23
1890	Modelling the luminosities and sizes of radio sources: radio luminosity function at $z = 6$. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4083-4094.	1.6	28
1891	Magnetic field evolution in tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4879-4888.	1.6	35
1892	Radiative striped wind model for gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 0, , stx237.	1.6	16
1893	18 μ m VLBA Faraday rotation studies of six AGN jets. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2648-2663.	1.6	8
1894	Backflows by active galactic nuclei jets: global properties and influence on supermassive black hole accretion. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4526-4539.	1.6	13
1895	Discovery of giant radio galaxies from NVSS: radio and infrared properties. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2886-2906.	1.6	38
1896	Black hole lightning of IC 310 and the days after. AIP Conference Proceedings, 2017, , .	0.3	1
1897	The X-Ray Polarization of the Accretion Disk Coronae of Active Galactic Nuclei. Astrophysical Journal, 2017, 850, 14.	1.6	35
1898	Weibel Instability in Hot Plasma Flows with the Production of Gamma-Rays and Electron-Positron Pairs. Astrophysical Journal, 2017, 851, 129.	1.6	12
1899	Ultrahigh-energy cosmic rays from tidally-ignited white dwarfs. Physical Review D, 2017, 96, .	1.6	17
1900	Prompt electromagnetic transients from binary black hole mergers. Physical Review D, 2017, 96, .	1.6	34
1901	A modern approach to superradiance. Journal of High Energy Physics, 2017, 2017, 1.	1.6	57
1902	What sparks the radio-loud phase of nearby quasars?. Monthly Notices of the Royal Astronomical Society, 2017, 466, 921-944.	1.6	20
1903	Giant Metrewave Radio Telescope Monitoring of the Black Hole X-Ray Binary, V404 Cygni during Its 2015 June Outburst. Astrophysical Journal, 2017, 846, 111.	1.6	18
1904	Scale Invariant Jets: From Blazars to Microquasars. Astrophysical Journal, 2017, 851, 144.	1.6	6
1905	Modeling the High-energy Emission in GRB 110721A and Implications on the Early Multiwavelength and Polarimetric Observations. Astrophysical Journal, 2017, 848, 94.	1.6	24
1906	Electromagnetic counterparts to structured jets from gravitational wave detected mergers. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4953-4964.	1.6	117

#	ARTICLE	IF	CITATIONS
1907	Minimal model for extragalactic cosmic rays and neutrinos. <i>Physical Review D</i> , 2017, 96, .	1.6	29
1908	Outflow-driven Transients from the Birth of Binary Black Holes. II. Primary-induced Accretion Transients. <i>Astrophysical Journal</i> , 2017, 851, 53.	1.6	5
1909	Very high-frequency gravitational waves from magnetars and gamma-ray bursts. <i>Chinese Physics C</i> , 2017, 41, 125101.	1.5	4
1910	Outflow-driven Transients from the Birth of Binary Black Holes. I. Tidally Locked Secondary Supernovae. <i>Astrophysical Journal</i> , 2017, 851, 52.	1.6	8
1911	Probing the geometry and motion of AGN coronae through accretion disc emissivity profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1932-1945.	1.6	33
1912	A flat-spectrum candidate for a track-type high-energy neutrino emission event, the case of blazar PKS 0723+008. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 466, L34-L38.	1.2	11
1913	Comparison of Gravitational Waves from Central Engines of Gamma-Ray Bursts: Neutrino-dominated Accretion Flows, Blandford-Znajek Mechanisms, and Millisecond Magnetars. <i>Astrophysical Journal</i> , 2017, 850, 30.	1.6	18
1914	Revealing structure and evolution within the corona of the Seyfert galaxy I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4436-4451.	1.6	28
1915	Experimental Observation of a Current-Driven Instability in a Neutral Electron-Positron Beam. <i>Physical Review Letters</i> , 2017, 119, 185002.	2.9	44
1916	Shocks and angular momentum flips: a different path to feeding the nuclear regions of merging galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2643-2653.	1.6	50
1917	The Phylogeny of Quasars and the Ontogeny of Their Central Black Holes. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	1.1	22
1918	An Orientation-Based Unification of Young Jetted AGN: The Case of 3C 286. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	1.1	35
1919	Confrontation of the Magnetically Arrested Disc Scenario with Observations of FR II Sources. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	1.1	1
1920	Multi-Frequency Databases for AGN Investigation—Results and Perspectives. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	1.1	0
1921	Pair-Matching of Radio-Loud and Radio-Quiet AGNs. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	1.1	5
1922	The Correlation between the Total Magnetic Flux and the Total Jet Power. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	1.1	3
1923	Shocks in relativistic transverse stratified jets. <i>Astronomy and Astrophysics</i> , 2017, 606, A103.	2.1	22
1924	The Structure and Propagation of the Misaligned Jet M87. <i>Galaxies</i> , 2017, 5, 2.	1.1	25

#	ARTICLE	IF	CITATIONS
1925	OJ 287 as a Rotating Helix. <i>Galaxies</i> , 2017, 5, 12.	1.1	23
1926	Black Hole Accretion in Gamma Ray Bursts. <i>Galaxies</i> , 2017, 5, 15.	1.1	4
1927	The Signature of the Blandford-Znajek Mechanism in GRB Light Curves. <i>Galaxies</i> , 2017, 5, 21.	1.1	1
1928	The Disk-Driven Jet of Cygnus A. <i>Galaxies</i> , 2017, 5, 22.	1.1	1
1929	Knots in Relativistic Transverse Stratified Jets. <i>Galaxies</i> , 2017, 5, 50.	1.1	0
1930	Modeling Polarized Emission from Black Hole Jets: Application to M87 Core Jet. <i>Galaxies</i> , 2017, 5, 54.	1.1	3
1931	Rayleigh-Taylor instability in two-component relativistic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1253-1258.	1.6	16
1932	Constraining Magnetization of Gamma-Ray Bursts Outflows Using Prompt Emission Fluence. <i>Astrophysical Journal</i> , 2017, 850, 200.	1.6	6
1933	OJ287 taken to pieces: the origin of a precessing and rotating jet. <i>Journal of Physics: Conference Series</i> , 2017, 942, 012005.	0.3	0
1934	The Future of Black Hole Astrophysics in the LIGO-VIRGO-LPF Era. <i>Journal of Physics: Conference Series</i> , 2017, 840, 012023.	0.3	6
1935	High-Sensitivity AGN Polarimetry at Sub-Millimeter Wavelengths. <i>Galaxies</i> , 2017, 5, 65.	1.1	1
1936	The jet-disk symbiosis without maximal jets: 1D hydrodynamical jets revisited. <i>Astronomy and Astrophysics</i> , 2017, 601, A87.	2.1	12
1937	Rotation and toroidal magnetic field effects on the stability of two-component jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 592-605.	1.6	16
1938	Kink instability of force-free jets: a parameter space study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4635-4641.	1.6	9
1939	GW150914-like black holes as Galactic high-energy sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3332-3345.	1.6	25
1940	AGN spectral states from simultaneous UV and X-ray observations by XMM-Newton. <i>Astronomy and Astrophysics</i> , 2017, 603, A127.	2.1	20
1941	Using radiative energy losses to constrain the magnetization and magnetic reconnection rate at the base of black hole jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 337-357.	1.6	5
1942	Parsec-scale Faraday rotation and polarization of 20 active galactic nuclei jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx021.	1.6	23

#	ARTICLE	IF	CITATIONS
1943	Compact binary merger and kilonova: outflows from remnant disc. Monthly Notices of the Royal Astronomical Society, 2018, 476, 683-689.	1.6	4
1944	Plasmoid statistics in relativistic magnetic reconnection. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3797-3812.	1.6	20
1945	Bright Merger-nova Emission Powered by Magnetic Wind from a Newborn Black Hole. Astrophysical Journal Letters, 2018, 852, L5.	3.0	25
1946	The X-Ray Light Curve in GRB 170714A: Evidence for a Quark Star?. Astrophysical Journal, 2018, 854, 104.	1.6	20
1947	Disks around merging binary black holes: From GW150914 to supermassive black holes. Physical Review D, 2018, 97, .	1.6	29
1948	Particle acceleration in explosive relativistic reconnection events and Crab Nebula gamma-ray flares. Journal of Plasma Physics, 2018, 84, .	0.7	38
1949	On the Jet Properties of γ -Ray-loud Active Galactic Nuclei. Astrophysical Journal, Supplement Series, 2018, 235, 39.	3.0	74
1950	Repulsive Effect for Unbound High Energy Particles Along Rotation Axis in Kerr-Taub-NUT Spacetime. Communications in Theoretical Physics, 2018, 69, 399.	1.1	1
1951	Short gamma-ray burst central engines. International Journal of Modern Physics D, 2018, 27, 1842004.	0.9	25
1952	Bipolar Jets Launched by a Mean-field Accretion Disk Dynamo. Astrophysical Journal, 2018, 855, 130.	1.6	16
1953	Collapsing supra-massive magnetars: FRBs, the repeating FRB121102 and GRBs. Journal of Astrophysics and Astronomy, 2018, 39, 1.	0.4	12
1954	Extreme gravity tests with gravitational waves from compact binary coalescences: (II) ringdown. General Relativity and Gravitation, 2018, 50, 1.	0.7	216
1955	Vacuum birefringence and the x-ray polarization from black-hole accretion disks. Physical Review D, 2018, 97, .	1.6	10
1956	An HLLC Riemann solver for resistive relativistic magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3837-3860.	1.6	17
1957	Galactic nuclei evolution with spinning black holes: method and implementation. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3807-3835.	1.6	42
1958	Criteria for retrograde rotation of accreting black holes. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4872-4876.	1.6	4
1959	Modelling blazar flaring using a time-dependent fluid jet emission model – an explanation for orphan flares and radio lags. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4107-4121.	1.6	16
1961	Near-horizon Structure of Escape Zones of Electrically Charged Particles around Weakly Magnetized Rotating Black Hole. Astrophysical Journal, 2018, 853, 53.	1.6	24

#	ARTICLE	IF	CITATIONS
1962	Gamma-ray burst afterglow blast waves. <i>International Journal of Modern Physics D</i> , 2018, 27, 1842002.	0.9	18
1963	The multiwavelength spectrum of NGC 3115: hot accretion flow properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 5398-5402.	1.6	10
1964	External confinement and surface modes in magnetized force-free jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 2813-2821.	1.6	8
1965	On the linear stability of sheared and magnetized jets without current sheets – relativistic case. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3954-3966.	1.6	17
1966	An exact solution for a rotating black hole in modified gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 033-033.	1.9	23
1967	GW170817, general relativistic magnetohydrodynamic simulations, and the neutron star maximum mass. <i>Physical Review D</i> , 2018, 97, .	1.6	345
1968	Theories of central engine for long gamma-ray bursts. <i>Reports on Progress in Physics</i> , 2018, 81, 026901.	8.1	17
1969	Formation of precessing jets by tilted black hole discs in 3D general relativistic MHD simulations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 474, L81-L85.	1.2	206
1970	GRB 170817A Associated with GW170817: Multi-frequency Observations and Modeling of Prompt Gamma-Ray Emission. <i>Astrophysical Journal Letters</i> , 2018, 852, L30.	3.0	89
1971	Binary black hole in a double magnetic monopole field. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	1
1972	Brightening X-Ray/Optical/Radio Emission of GW170817/SGRB 170817A: Evidence for an Electron–Positron Wind from the Central Engine?. <i>Astrophysical Journal Letters</i> , 2018, 856, L33.	3.0	29
1973	Determination of the Spins of Supermassive Black Holes in FR I and FR II Radio Galaxies. <i>Astronomy Reports</i> , 2018, 62, 1-8.	0.2	5
1974	Low-luminosity gamma-ray bursts as the sources of ultrahigh-energy cosmic ray nuclei. <i>Physical Review D</i> , 2018, 97, .	1.6	61
1975	Possible role of magnetic reconnection in the electromagnetic counterpart of binary black hole merger. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 054-054.	1.9	17
1976	The distinguishing signature of magnetic Penrose process. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 478, L89-L94.	1.2	70
1977	The Role of Magnetic Fields in AGN Activity and Feedback. , 0, , 87-122.		0
1978	SED Constraints on the Highest-z Blazar Jet: QSO J0906+6930. <i>Astrophysical Journal</i> , 2018, 856, 105.	1.6	15
1979	A wide and collimated radio jet in 3C84 on the scale of a few hundred gravitational radii. <i>Nature Astronomy</i> , 2018, 2, 472-477.	4.2	99

#	ARTICLE	IF	CITATIONS
1980	A Radio Frequency Study of the Accreting Millisecond X-ray Pulsar, IGR J16597-3704, in the Globular Cluster NGC 6256. <i>Astrophysical Journal</i> , 2018, 854, 125.	1.6	12
1981	Shadows of Bonnor black dihole by chaotic lensing. <i>Physical Review D</i> , 2018, 97, .	1.6	49
1982	Charged string loops in Reissner-Nordström black hole background. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	5
1983	Magnetized advective accretion flows: formation of magnetic barriers in magnetically arrested discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2396-2409.	1.6	9
1984	Outflows from black hole hyperaccretion systems: short and long-short gamma-ray bursts and $\tilde{\text{quasi-supernovae}}^{\text{TM}}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2173-2182.	1.6	24
1985	Perfect relativistic magnetohydrodynamics around black holes in horizon penetrating coordinates. <i>Physical Review D</i> , 2018, 97, .	1.6	2
1986	Double Neutron Star Mergers and Short Gamma-ray Bursts: Long-lasting High-energy Signatures and Remnant Dichotomy. <i>Astrophysical Journal</i> , 2018, 854, 60.	1.6	58
1987	A Collapsar Model with Disk Wind: Implications for Supernovae Associated with Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2018, 854, 43.	1.6	12
1988	The Structure and Dynamics of the Subparsec Jet in M87 Based on 50 VLBA Observations over 17 Years at 43 GHz. <i>Astrophysical Journal</i> , 2018, 855, 128.	1.6	239
1989	Black Hole Hyperaccretion Inflow-Outflow Model. I. Long and Ultra-long Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2018, 852, 20.	1.6	38
1990	The power of the jets accelerated by the coronal magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4268-4271.	1.6	14
1991	Exploring the physics of the accretion and jet in nearby narrow-line Seyfert 1 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1356-1364.	1.6	7
1992	The pc-scale radio structure of MIR-observed radio galaxies. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 108.	0.7	3
1993	Gamma-ray flaring activity of NGC1275 in 2016-2017 measured by MAGIC. <i>Astronomy and Astrophysics</i> , 2018, 617, A91.	2.1	25
1994	The immediate environment of an astrophysical black hole. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 473, L146-L148.	1.2	2
1995	Binary Neutron Star and Short Gamma-Ray Burst Simulations in Light of GW170817. <i>Galaxies</i> , 2018, 6, 119.	1.1	7
1996	Investigating a population of infrared-bright gamma-ray burst host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2-27.	1.6	15
1997	Contribution of Cosmic Rays from Sources with a Monoenergetic Proton Spectrum to the Extragalactic Diffuse Gamma-Ray Emission. <i>Astronomy Letters</i> , 2018, 44, 541-545.	0.1	4

#	ARTICLE	IF	CITATIONS
1998	Optical/Infrared Polarised Emission in X-ray Binaries. <i>Galaxies</i> , 2018, 6, 3.	1.1	2
1999	The VLA-COSMOS 3 GHz Large Project: Star formation properties and radio luminosity functions of AGN with moderate-to-high radiative luminosities out to $z \approx 6$. <i>Astronomy and Astrophysics</i> , 2018, 620, A192.	2.1	19
2000	Parabolic Jets from the Spinning Black Hole in M87. <i>Astrophysical Journal</i> , 2018, 868, 146.	1.6	103
2001	General relativistic radiation magnetohydrodynamic simulations of thin magnetically arrested discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3547-3561.	1.6	22
2002	Two-temperature GRRMHD Simulations of M87. <i>Astrophysical Journal</i> , 2018, 864, 126.	1.6	63
2003	Physics of Pair Producing Gaps in Black Hole Magnetospheres. <i>Astrophysical Journal Letters</i> , 2018, 863, L31.	3.0	31
2004	The spin of the second-born black hole in coalescing binary black holes. <i>Astronomy and Astrophysics</i> , 2018, 616, A28.	2.1	145
2005	GRRMHD Simulations of Tidal Disruption Event Accretion Disks around Supermassive Black Holes: Jet Formation, Spectra, and Detectability. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	50
2006	Study on the Properties of Blazar Jets. <i>Chinese Astronomy and Astrophysics</i> , 2018, 42, 360-378.	0.1	1
2007	Electromagnetic Emission and Nucleosynthesis from Neutron Star Binary Mergers. <i>Astrophysics and Space Science Library</i> , 2018, , 637-671.	1.0	0
2008	The Polarization Behavior of Relativistic Synchrotron Jets. <i>Astrophysical Journal</i> , 2018, 864, 140.	1.6	19
2009	A unified accretion-ejection paradigm for black hole X-ray binaries. <i>Astronomy and Astrophysics</i> , 2018, 615, A57.	2.1	34
2010	Magnetic Fields in the Relativistic Jets of Active Galactic Nuclei. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 189-196.	0.0	1
2011	Gamma Ray Bursts: Progenitors, Accretion in the Central Engine, Jet Acceleration Mechanisms. , 2018, , .		1
2012	Ratio of kinetic-to-bolometric luminosity at the cold-disk accretion onto black holes. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 205-208.	0.0	0
2013	Why only a small fraction of quasars are radio loud?. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 201-204.	0.0	0
2014	Solving the missing GRB neutrino and GRB-SN puzzles. <i>Nuclear and Particle Physics Proceedings</i> , 2018, 297-299, 249-258.	0.2	2
2015	A Candidate Tidal Disruption Event in a Quasar at $z = 2.359$ from Abundance Ratio Variability. <i>Astrophysical Journal</i> , 2018, 859, 8.	1.6	12

#	ARTICLE	IF	CITATIONS
2016	A Multimessenger View of Galaxies and Quasars From Now to Mid-century. <i>Frontiers in Astronomy and Space Sciences</i> , 2018, 5, .	1.1	6
2017	Flaring radio lanterns along the ridge line: long-term oscillatory motion in the jet of S5 1803+784. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 359-370.	1.6	11
2018	Radio Galaxies at VHE Energies. <i>Galaxies</i> , 2018, 6, 116.	1.1	36
2019	Instability induced by recollimation in highly magnetised outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	4
2020	Analytic solution of a magnetized tori with magnetic polarization around Kerr black holes. <i>Astronomy and Astrophysics</i> , 2018, 619, A57.	2.1	7
2021	Simulating the magnetorotational collapse of supermassive stars: Incorporating gas pressure perturbations and different rotation profiles. <i>Physical Review D</i> , 2018, 98, .	1.6	13
2022	Quasinormal modes of weakly charged Einstein-Maxwell-dilaton black holes. <i>Physical Review D</i> , 2018, 98, .	1.6	22
2023	Fast-spinning Black Holes Inferred from Symmetrically Limb-brightened Radio Jets. <i>Astrophysical Journal</i> , 2018, 868, 82.	1.6	20
2024	Toward an inner connection of SNe Ic, SLSNe Ic, XRF connected SNe, SNe Ic-BL, and GRB connected SNe. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	1.3	1
2025	X-Ray, UV, and Radio Timing Observations of the Radio Galaxy 3C 120. <i>Astrophysical Journal</i> , 2018, 867, 128.	1.6	10
2026	Log-normal flux distribution of bright $\langle i \rangle$ Fermi $\langle /i \rangle$ blazars. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 141.	0.7	35
2027	Collisions of Neutron Stars with Primordial Black Holes as Fast Radio Bursts Engines. <i>Astrophysical Journal</i> , 2018, 868, 17.	1.6	29
2028	The limb-brightened jet of M87 down to the 7 Schwarzschild radii scale. <i>Astronomy and Astrophysics</i> , 2018, 616, A188.	2.1	128
2029	Total and Linearly Polarized Synchrotron Emission from Overpressured Magnetized Relativistic Jets. <i>Astrophysical Journal</i> , 2018, 860, 121.	1.6	32
2030	Detection of Coronal Magnetic Activity in nearby Active Supermassive Black Holes. <i>Astrophysical Journal</i> , 2018, 869, 114.	1.6	34
2032	HESS J1943+213: An Extreme Blazar Shining through the Galactic Plane. <i>Astrophysical Journal</i> , 2018, 862, 41.	1.6	15
2033	Very High-Energy Emission from the Direct Vicinity of Rapidly Rotating Black Holes. <i>Galaxies</i> , 2018, 6, 122.	1.1	8
2034	Fast radio bursts from primordial black hole binaries coalescence. <i>Physical Review D</i> , 2018, 98, .	1.6	21

#	ARTICLE	IF	CITATIONS
2035	Testing the accuracy of reflection-based supermassive black hole spin measurements in AGN. <i>Astronomy and Astrophysics</i> , 2018, 614, A44.	2.1	25
2036	Jet launching from binary black hole-neutron star mergers: Dependence on black hole spin, binary mass ratio, and magnetic field orientation. <i>Physical Review D</i> , 2018, 98, .	1.6	35
2037	Jet-related Excitation of the [C ii] Emission in the Active Galaxy NGC 4258 with SOFIA. <i>Astrophysical Journal</i> , 2018, 869, 61.	1.6	13
2038	Black hole pulsar. <i>Physical Review D</i> , 2018, 98, .	1.6	36
2039	Long-term millimeter VLBI monitoring of M 87 with KVN at milliarcsecond resolution: nuclear spectrum. <i>Astronomy and Astrophysics</i> , 2018, 610, L5.	2.1	18
2040	Post-Newtonian Magnetohydrodynamics. <i>Astrophysical Journal</i> , 2018, 868, 98.	1.6	5
2041	Efficient Nonthermal Particle Acceleration by the Kink Instability in Relativistic Jets. <i>Physical Review Letters</i> , 2018, 121, 245101.	2.9	55
2042	Observations and physics of prompt emission of gamma ray bursts. <i>Journal of Astrophysics and Astronomy</i> , 2018, 39, 1.	0.4	7
2043	Properties of Particle Trajectory Around a Weakly Magnetized Black Hole. <i>Communications in Theoretical Physics</i> , 2018, 70, 593.	1.1	1
2044	On the High-Energy Neutrino Emission from Active Galactic Nuclei. <i>Universe</i> , 2018, 4, 24.	0.9	3
2045	Superradiance in modified gravity (MOG). <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 021-021.	1.9	25
2046	Toy model for the acceleration of blazar jets. <i>Astronomy and Astrophysics</i> , 2018, 616, A93.	2.1	5
2047	Particle-in-cell simulations of pair discharges in a starved magnetosphere of a Kerr black hole. <i>Astronomy and Astrophysics</i> , 2018, 616, A184.	2.1	48
2048	Numerically solving the relativistic Grad-Shafranov equation in Kerr spacetimes: numerical techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3927-3944.	1.6	19
2049	Transejecta high-energy neutrino emission from binary neutron star mergers. <i>Physical Review D</i> , 2018, 98, .	1.6	46
2050	A new solution to the plasma starved event horizon magnetosphere. <i>Astronomy and Astrophysics</i> , 2018, 614, A104.	2.1	2
2051	Three-dimensional kinetic simulations of relativistic magnetostatic equilibria. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4342-4354.	1.6	5
2052	Toward the self-consistent model of cold disk accretion. <i>International Journal of Modern Physics D</i> , 2018, 27, 1844005.	0.9	1

#	ARTICLE	IF	CITATIONS
2053	Magnetohydrodynamic calculation of the temperature and wind velocity profile of the solar transition region. Preliminary results.. MATEC Web of Conferences, 2018, 145, 03009.	0.1	3
2054	Dynamic Monte Carlo simulations of radiatively accelerated GRB fireballs. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2352-2365.	1.6	3
2055	Covariant and 3 + 1 Equations for Dynamo-Chiral General Relativistic Magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	18
2056	Nonradial and nonpolytropic astrophysical outflows. Astronomy and Astrophysics, 2018, 612, A63.	2.1	7
2057	Jet launching radius in low-power radio-loud AGNs in advection-dominated accretion flows. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1803-1813.	1.6	4
2058	Electron-positron cascade in magnetospheres of spinning black holes. Physical Review D, 2018, 98, .	1.6	12
2059	An evolving jet from a strongly magnetized accreting X-ray pulsar. Nature, 2018, 562, 233-235.	13.7	60
2060	Gravitational lenses as high-resolution telescopes. Physics Reports, 2018, 778-779, 1-46.	10.3	14
2061	Observational signatures from horizonless black shells imitating rotating black holes. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
2062	Standing shocks in magnetized advection accretion flows onto a rotating black hole. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3446-3456.	1.6	2
2063	Black hole-neutron star mergers using a survey of finite-temperature equations of state. Physical Review D, 2018, 98, .	1.6	22
2064	Seeing Black Holes: From the Computer to the Telescope. Universe, 2018, 4, 86.	0.9	8
2065	Signatures of the Diskâ€™Jet Coupling in the Broad-line Radio Quasar 4C+74.26. Astrophysical Journal, 2018, 866, 132.	1.6	11
2066	How to constrain mass and spin of supermassive black holes through their disk emission. Astronomy and Astrophysics, 2018, 612, A59.	2.1	23
2067	Existence of the Blandford-Znajek monopole for a slowly rotating Kerr black hole. Physical Review D, 2018, 98, .	1.6	12
2068	The distribution and lifetime of powerful radio galaxies as a function of environment and redshift. Scientific Reports, 2018, 8, 15097.	1.6	7
2069	Dynamic Process of Spontaneous Energy Radiation from Spinning Black Holes through Force-free Magnetic Field. Astrophysical Journal, 2018, 864, 173.	1.6	4
2070	Constraints on Short, Hard Gamma-Ray Burst Beaming Angles from Gravitational Wave Observations. Astrophysical Journal, 2018, 858, 79.	1.6	12

#	ARTICLE	IF	CITATIONS
2071	Rigidly rotating string sticking in a Kerr black hole. <i>Physical Review D</i> , 2018, 98, .	1.6	6
2072	Flaring of blazars from an analytical, time-dependent model for combined synchrotron and synchrotron self-Compton radiative losses of multiple ultrarelativistic electron populations. <i>Astronomy and Astrophysics</i> , 2018, 616, A172.	2.1	4
2073	Lightning black holes as unidentified TeV sources. <i>Journal of Astrophysics and Astronomy</i> , 2018, 39, 1.	0.4	2
2074	Magnetosphere structure of a Kerr black hole: Marginally force-free equatorial boundary condition. <i>Physical Review D</i> , 2018, 98, .	1.6	7
2075	What powers the most relativistic jets? â€œ II. Flat-spectrum radio quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 2639-2654.	1.6	14
2076	Ultra-long Gamma-Ray Bursts from the Collapse of Blue Supergiant Stars: An End-to-end Simulation. <i>Astrophysical Journal</i> , 2018, 859, 48.	1.6	27
2077	A lower limit to the accretion disc radius in the low-luminosity AGN NGC 1052 derived from high-angular resolution data. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 478, L122-L126.	1.2	5
2078	Search for the signatures of a new-born black hole from the collapse of a supra-massive millisecond magnetar in short GRB light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 266-276.	1.6	6
2079	Jet Launching in Resistive GR-MHD Black Holeâ€™Accretion Disk Systems. <i>Astrophysical Journal</i> , 2018, 859, 28.	1.6	38
2080	A Unified Model for Tidal Disruption Events. <i>Astrophysical Journal Letters</i> , 2018, 859, L20.	3.0	200
2081	OJ287: Deciphering the â€™Rosetta stone of blazarsâ€™...â€™. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	68
2082	Exploring SMBH assembly with semi-analytic modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1995-2011.	1.6	37
2083	The relativistic jet of the Î³-ray emitting narrow-line Seyfert 1 galaxy 1H 0323+342. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 404-423.	1.6	26
2084	Simple metric for a magnetized, spinning, deformed mass. <i>Physical Review D</i> , 2018, 97, .	1.6	4
2085	Continued Brightening of the Afterglow of GW170817/GRB 170817A as Being Due to a Delayed Energy Injection. <i>Astrophysical Journal Letters</i> , 2018, 859, L3.	3.0	10
2086	Prompt gamma-ray emission of GRB 170817A associated to GW 170817: A consistent picture. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	2
2087	Estimates of supermassive black hole (SMBH) spins for the standard accretion disk model: Comparison with relativistic fitting of SMBH spectra. <i>New Astronomy</i> , 2018, 65, 25-28.	0.8	1
2088	Magnetic Field Transport in Accretion Disks. <i>Astrophysical Journal</i> , 2018, 854, 2.	1.6	18

#	ARTICLE	IF	CITATIONS
2089	Observational Signatures of Mass-loading in Jets Launched by Rotating Black Holes. <i>Astrophysical Journal</i> , 2018, 853, 44.	1.6	9
2090	Radiation Reaction of Charged Particles Orbiting a Magnetized Schwarzschild Black Hole. <i>Astrophysical Journal</i> , 2018, 861, 2.	1.6	46
2091	An MAD explanation for the correlation between bulk Lorentz factor and minimum variability time-scale. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3525-3529.	1.6	9
2092	Collimation, Acceleration, and Recollimation Shock in the Jet of Gamma-Ray Emitting Radio-loud Narrow-line Seyfert 1 Galaxy 1H0323+342. <i>Astrophysical Journal</i> , 2018, 860, 141.	1.6	52
2093	Revealing the Nature of Blazar Radio Cores through Multifrequency Polarization Observations with the Korean VLBI Network. <i>Astrophysical Journal</i> , 2018, 860, 112.	1.6	21
2094	The collapsar model of gamma ray burst central engine. <i>International Journal of Modern Physics D</i> , 2018, 27, 1830004.	0.9	6
2095	QED cascade saturation in extreme high fields. <i>Scientific Reports</i> , 2018, 8, 8400.	1.6	27
2096	Large-amplitude Blazar Polarization Angle Swing as a Signature of Magnetic Reconnection. <i>Astrophysical Journal Letters</i> , 2018, 862, L25.	3.0	42
2097	Probing Magnetic Fields of GRB X-Ray Flares with Polarization Observations. <i>Astrophysical Journal</i> , 2018, 862, 115.	1.6	8
2098	A Main Sequence for Quasars. <i>Frontiers in Astronomy and Space Sciences</i> , 2018, 5, .	1.1	76
2099	Central-engine-powered Bright X-Ray Flares in Short Gamma-Ray Bursts: A Hint of a Black Holeâ€“Neutron Star Merger?. <i>Astrophysical Journal</i> , 2018, 858, 34.	1.6	7
2100	Constraining the Type of Central Engine of GRBs with Swift Data. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 26.	3.0	43
2101	Explosions of Thorneâ€“Å»ytkow objects. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 475, L49-L51.	1.2	12
2102	Gravitational waves induced by the asymmetric jets of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 402-406.	1.6	3
2103	Difficulties of quantitative tests of the Kerr-hypothesis with X-ray observations of mass accreting black holes. <i>General Relativity and Gravitation</i> , 2018, 50, 1.	0.7	31
2104	The 2D Disk Structure with Advective Transonic Inflowâ€“Outflow Solutions around Black Holes. <i>Astrophysical Journal</i> , 2018, 860, 114.	1.6	13
2105	The environment of radio galaxies: a signature of AGN feedback at high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1340-1352.	1.6	9
2106	Radiation Processes and Models. , 0, , 1-42.		0

#	ARTICLE	IF	CITATIONS
2107	The Global Jet Structure of the Archetypical Quasar 3C 273. <i>Galaxies</i> , 2018, 6, 15.	1.1	19
2108	Probing Black Hole Magnetic Fields with QED. <i>Galaxies</i> , 2018, 6, 57.	1.1	0
2109	VLBA polarimetric monitoring of 3C 111. <i>Astronomy and Astrophysics</i> , 2018, 610, A32.	2.1	18
2110	The Growth of Stellar Mass Black Hole Binaries Trapped in the Accretion Disks of Active Galactic Nuclei. <i>Astrophysical Journal Letters</i> , 2018, 859, L25.	3.0	7
2111	Heating of accretion-disk coronae and jets by general relativistic magnetohydrodynamic turbulence. <i>Journal of Plasma Physics</i> , 2018, 84, .	0.7	12
2112	Magnetosphere of a spinning black hole and the role of the current sheet. <i>Physical Review D</i> , 2018, 98, .	1.6	11
2113	Determination of Supermassive Black Hole Spins Based on the Standard Shakuraâ€“Sunyaev Accretion Disk Model and Polarimetric Observations. <i>Astronomy Letters</i> , 2018, 44, 362-369.	0.1	17
2114	Constraints on the Composition, Magnetization, and Radiative Efficiency in the Jets of Blazars. <i>Astrophysical Journal</i> , 2018, 861, 97.	1.6	9
2115	Efficient ion acceleration and dense electronâ€“positron plasma creation in ultra-high intensity laser-solid interactions. <i>New Journal of Physics</i> , 2018, 20, 033014.	1.2	37
2116	Numerical General Relativistic MHD with Magnetically Polarized Matter. <i>Astrophysical Journal</i> , 2018, 861, 115.	1.6	6
2117	Collisional Penrose process and jets in Kerr naked singularity. <i>Astrophysics and Space Science</i> , 2018, 363, 1.	0.5	8
2118	Evolution of the magnetized, neutrino-cooled accretion disk in the aftermath of a black hole-neutron star binary merger. <i>Physical Review D</i> , 2018, 97, .	1.6	27
2119	Standing shocks in magnetized dissipative accretion flow around black holes. <i>Journal of Astrophysics and Astronomy</i> , 2018, 39, 1.	0.4	5
2120	Advective accretion flow properties around rotating black holes â€“ application to GRO J1655-40. <i>Journal of Astrophysics and Astronomy</i> , 2018, 39, 1.	0.4	6
2121	A magnetically driven origin for the low luminosity GRB 170817A associated with GW170817. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 067.	0.7	5
2122	Broad-band spectral study of the jet-disc emission in the radio-loud narrow-line Seyfert 1 galaxy 1Hâ€“0323+342. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2464-2475.	1.6	26
2123	Stochastic gravitational-wave background from spin loss of black holes. <i>Physical Review D</i> , 2018, 98, .	1.6	14
2124	Magnetic reconnection and Blandfordâ€“Znajek process around rotating black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5404-5409.	1.6	3

#	ARTICLE	IF	CITATIONS
2125	Gamma-Ray Burst Optical Afterglows with Two-component Jets: Polarization Evolution Revisited. <i>Astrophysical Journal</i> , 2018, 860, 44.	1.6	11
2126	On the charge of the Galactic centre black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4408-4423.	1.6	87
2127	Comparison of hard X-ray spectra of luminous radio galaxies and their radio-quiet counterparts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2861-2871.	1.6	20
2128	A Fundamental Line of Black Hole Activity. <i>Astrophysical Journal</i> , 2018, 863, 117.	1.6	14
2129	The collisional Penrose process. <i>General Relativity and Gravitation</i> , 2018, 50, 1.	0.7	23
2130	Magnetospheric Gamma-Ray Emission in Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2018, 852, 112.	1.6	17
2131	Misaligned Accretion and Jet Production. <i>Astrophysical Journal Letters</i> , 2018, 857, L7.	3.0	12
2132	The essence of the Blandford-Znajek process. <i>Progress of Theoretical and Experimental Physics</i> , 2018, .	1.8	10
2133	Hidden conformal symmetry for the accelerating Kerr black holes. <i>Classical and Quantum Gravity</i> , 2018, 35, 155002.	1.5	8
2134	Chirality in gravitational and electromagnetic interactions with matter. <i>International Journal of Geometric Methods in Modern Physics</i> , 2018, 15, 1840004.	0.8	2
2135	Model for how an accretion disk drives astrophysical jets and sheds angular momentum. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 014006.	0.9	5
2137	M87 black hole mass and spin estimate through the position of the jet boundary shape break. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1197-1205.	1.6	29
2138	Interferometric observations of supermassive black holes in the millimeter wave band. <i>Physics-Uspekhi</i> , 2019, 62, 423-449.	0.8	16
2139	The black hole mass, jet power and accretion in blazars and flat-spectrum radio-loud narrow-line Seyfert 1 galaxies. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	0.5	11
2140	Analytical and Numerical Methods and Test Calculations of One-dimensional Force-free Magnetodynamics on Arbitrary Magnetic Surfaces across Horizons of Spinning Black Holes. <i>Astrophysical Journal</i> , 2019, 881, 91.	1.6	2
2141	GW170817: The Energy Extraction Process of the Off-axis Relativistic Outflow and the Constraint on the Equation of State of Neutron Stars. <i>Astrophysical Journal</i> , 2019, 877, 2.	1.6	22
2142	Relationship Between the Spins and Masses of Supermassive Black Holes in Distant Active Galactic Nuclei with $z > 4$. <i>Astronomy Reports</i> , 2019, 63, 433-444.	0.2	1
2143	Blazar jets as the most efficient persistent engines. <i>Rendiconti Lincei</i> , 2019, 30, 137-143.	1.0	2

#	ARTICLE	IF	CITATIONS
2144	The Spin of M87*. <i>Astrophysical Journal Letters</i> , 2019, 880, L26.	3.0	19
2145	Dissipative Processes and Their Role in the Evolution of Radio Galaxies. <i>Galaxies</i> , 2019, 7, 70.	1.1	25
2146	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	3.0	175
2148	The Role of Radio Observations in Astronomy. , 2019, , 3-14.		0
2149	Emission and General Properties of Radio Waves. , 2019, , 15-40.		0
2151	Radio Wave Propagation. , 2019, , 58-68.		0
2152	The Nature of the Received Radio Signal. , 2019, , 69-81.		0
2153	Radiometers. , 2019, , 82-107.		0
2154	Spectrometers and Polarimeters. , 2019, , 108-128.		0
2155	Single-Aperture Radio Telescopes. , 2019, , 131-176.		0
2156	The Basics of Interferometry. , 2019, , 177-219.		0
2157	Aperture Synthesis. , 2019, , 220-265.		0
2158	Further Interferometric Techniques. , 2019, , 266-298.		0
2159	The Sun and the Planets. , 2019, , 301-308.		0
2160	Stars and Nebulae. , 2019, , 309-337.		0
2161	The Milky Way Galaxy. , 2019, , 338-366.		0
2162	Pulsars. , 2019, , 367-396.		0
2163	Active Galaxies. , 2019, , 397-440.		0

#	ARTICLE	IF	CITATIONS
2164	The Radio Contributions to Cosmology. , 2019, , 441-466.		0
2170	Asymptotic safety casts its shadow. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 029-029.	1.9	75
2171	Accretion into Black Hole, and Formation of Magnetically Arrested Accretion Disks. <i>Universe</i> , 2019, 5, 146.	0.9	7
2172	Hunting for extra dimensions in the shadow of M87*. <i>Physical Review D</i> , 2019, 100, .	1.6	224
2173	NGC 326: X-shaped no more. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3416-3422.	1.6	38
2174	On the maximum energy of protons in the hotspots of AGN jets. <i>EPJ Web of Conferences</i> , 2019, 210, 04006.	0.1	1
2175	Exponentially Decaying Extended Emissions Following Short Gamma-Ray Bursts with a Possible Luminosityâ€E-folding Time Correlation. <i>Astrophysical Journal</i> , 2019, 877, 147.	1.6	10
2176	1D Magnetodynamic Simulations of Force-free Fields around a Rapidly Rotating Black Hole via Nonradial Magnetic Surfaces along the Equatorial Plane. <i>Astrophysical Journal</i> , 2019, 878, 4.	1.6	1
2177	Theoretical model of hydrodynamic jet formation from accretion disks with turbulent viscosity. <i>Journal of High Energy Astrophysics</i> , 2019, 23, 6-13.	2.4	2
2178	Spatially resolved origin of millimeter-wave linear polarization in the nuclear region of 3C 84. <i>Astronomy and Astrophysics</i> , 2019, 622, A196.	2.1	29
2179	Charged particle dynamics in the vicinity of black hole from vector-tensor theory of gravity immersed in an external magnetic field. <i>Results in Physics</i> , 2019, 14, 102418.	2.0	3
2180	Binary Neutron Star (BNS) Merger: What We Learned from Relativistic Ejecta of GW/GRB 170817A. <i>Physics</i> , 2019, 1, 194-228.	0.5	2
2181	Toward a Full MHD Jet Model of Spinning Black Holes. I. Framework and a Split Monopole Example. <i>Astrophysical Journal</i> , 2019, 880, 93.	1.6	7
2182	Episodic Jets from Black Hole Accretion Disks. <i>Astrophysical Journal</i> , 2019, 877, 130.	1.6	5
2183	Identifying the electronâ€Epositron cascade regimes in high-intensity laser-matter interactions. <i>New Journal of Physics</i> , 2019, 21, 013028.	1.2	17
2184	Black hole magnetosphere with small-scale flux tubes â€E II. Stability and dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4114-4127.	1.6	22
2185	The Sub-Eddington Boundary for the Quasar Massâ€ELuminosity Plane: A Theoretical Perspective. <i>Universe</i> , 2019, 5, 145.	0.9	11
2186	Light-curve models of black hole â€E neutron star mergers: steps towards a multi-messenger parameter estimation. <i>Astronomy and Astrophysics</i> , 2019, 625, A152.	2.1	60

#	ARTICLE	IF	CITATIONS
2187	Constraining Quasar Relativistic Reflection Regions and Spins with Microlensing. <i>Astrophysical Journal</i> , 2019, 879, 35.	1.6	7
2188	Extremely High energy peaked BL Lac nature of the TeV blazar Mrk 501. <i>New Astronomy</i> , 2019, 73, 101278.	0.8	9
2189	A global view of the inner accretion and ejection flow around super massive black holes. <i>Astronomy and Astrophysics</i> , 2019, 630, A94.	2.1	91
2190	Constraining modified gravity with ringdown signals: An explicit example. <i>Physical Review D</i> , 2019, 100, .	1.6	31
2191	Influence of the vacuum polarization effect on the motion of charged particles in the magnetic field around a Schwarzschild black hole. <i>Physical Review D</i> , 2019, 100, .	1.6	13
2192	3C 84: Observational Evidence for Precession and a Possible Relation to TeV Emission. <i>Galaxies</i> , 2019, 7, 72.	1.1	12
2193	Inverse Compton Cascades in Pair-producing Gaps: Effects of Triplet Pair Production. <i>Astrophysical Journal</i> , 2019, 883, 66.	1.6	4
2194	Kink Instability: Evolution and Energy Dissipation in Relativistic Force-free Nonrotating Jets. <i>Astrophysical Journal</i> , 2019, 884, 39.	1.6	26
2195	Secularly powered outflows from AGNs: the dominance of non-merger driven supermassive black hole growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4016-4031.	1.6	21
2196	Accelerating AGN jets to parsec scales using general relativistic MHD simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2200-2218.	1.6	89
2197	Spin evolution and feedback of supermassive black holes in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4133-4153.	1.6	36
2198	Resolving accretion flows in nearby active galactic nuclei with the Event Horizon Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4606-4621.	1.6	9
2199	The role of magnetic field geometry in the evolution of neutron star merger accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4811-4825.	1.6	102
2200	Physics of "Cold" Disk Accretion onto Black Holes Driven by Magnetized Winds. <i>Galaxies</i> , 2019, 7, 18.	1.1	1
2201	Choked accretion: from radial infall to bipolar outflows by breaking spherical symmetry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5078-5087.	1.6	11
2202	Relativistic polytrope from the collimation and acceleration profiles of the M87 jet at subparsec scales and thermodynamic evidence for the Blandford-Znajek mechanism. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 489, L7-L11.	1.2	1
2203	Contribution from Ultrahigh-Energy Cosmic Rays to the Extragalactic Diffuse Gamma Ray Emission. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019, 83, 948-950.	0.1	0
2204	Black Hole Spin and Accretion Disk Magnetic Field Strength Estimates for More Than 750 Active Galactic Nuclei and Multiple Galactic Black Holes. <i>Astrophysical Journal</i> , 2019, 886, 37.	1.6	38

#	ARTICLE	IF	CITATIONS
2205	Gamma-Ray Bursts Induced by Turbulent Reconnection. <i>Astrophysical Journal</i> , 2019, 882, 184.	1.6	24
2206	Fermi-GBM Follow-up of LIGO-Virgo Binary Black Hole Mergers: Detection Prospects. <i>Astrophysical Journal</i> , 2019, 882, 53.	1.6	7
2207	GR-MHD Disk Winds and Jets from Black Holes and Resistive Accretion Disks. <i>Astrophysical Journal</i> , 2019, 882, 2.	1.6	25
2208	Electron Acceleration in Blazars: Application to the 3C 279 Flare on 2013 December 20. <i>Astrophysical Journal</i> , 2019, 884, 116.	1.6	10
2209	Statistical Study of Gamma-Ray Bursts with a Plateau Phase in the X-Ray Afterglow. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 1.	3.0	50
2210	High-Energy Multimessenger Transient Astrophysics. <i>Annual Review of Nuclear and Particle Science</i> , 2019, 69, 477-506.	3.5	40
2211	BAT AGN Spectroscopic Survey “XIII. The nature of the most luminous obscured AGN in the low-redshift universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3073-3092.	1.6	11
2212	A nearby luminous AGN sample optically selected from Hubble Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3793-3798.	1.6	5
2213	A Mechanism for the Triple-ridge Emission Structure of AGN Jets. <i>Astrophysical Journal</i> , 2019, 877, 19.	1.6	11
2214	Particle Acceleration by Cosmic Ray Viscosity in Radio-jet Shear Flows. <i>Astrophysical Journal</i> , 2019, 881, 123.	1.6	15
2215	Observations of the Ultra-compact X-Ray Binary 4U 1543-624 in Outburst with NICER, INTEGRAL, Swift, and ATCA. <i>Astrophysical Journal</i> , 2019, 883, 39.	1.6	10
2216	Electromagnetic Emission Post Spinning Black Hole Magnetized Neutron Star Mergers. <i>Astrophysical Journal Letters</i> , 2019, 883, L19.	3.0	7
2217	Prospects of detecting a large-scale anisotropy of ultra-high-energy cosmic rays from a nearby source with the K-EUSO orbital telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 034-034.	1.9	3
2218	Prospects for multi-messenger extended emission from core-collapse supernovae in the Local Universe. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	10
2219	Decoding signatures of extra dimensions and estimating spin of quasars from the continuum spectrum. <i>Physical Review D</i> , 2019, 100, .	1.6	24
2220	Testing the rotational nature of the supermassive object M87* from the circularity and size of its first image. <i>Physical Review D</i> , 2019, 100, .	1.6	253
2221	Science with the TianQin observatory: Preliminary results on testing the no-hair theorem with ringdown signals. <i>Physical Review D</i> , 2019, 100, .	1.6	51
2222	The Lense-Thirring timing-accretion plane for ULXs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 282-296.	1.6	26

#	ARTICLE	IF	CITATIONS
2223	Blandford-Znajek process in vacuum and its holographic dual. <i>Physical Review D</i> , 2019, 99, .	1.6	6
2224	Constrained field theories on Kerr backgrounds. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	1
2225	Enhanced pair production in collisions of intense pulsed lasers with a high-energy electron beam. <i>Physical Review A</i> , 2019, 100, .	1.0	2
2226	Influence of geometrical configuration on low angular momentum relativistic accretion around rotating black holes. <i>Physical Review D</i> , 2019, 100, .	1.6	3
2227	Magnetic inhibition of centrifugal instability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4061-4073.	1.6	6
2228	The unique case of the AGN core of M87: a misaligned low power blazar?. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	8
2229	Relativistic Fe K \pm line in the composite X-ray spectra of radio-loud active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4378-4388.	1.6	3
2230	Relativistic Jets from Active Galactic Nuclei. <i>Annual Review of Astronomy and Astrophysics</i> , 2019, 57, 467-509.	8.1	408
2231	Radio Galaxies – The TeV Challenge. <i>Galaxies</i> , 2019, 7, 23.	1.1	17
2232	Effect of charge and deformation parameter on energy extraction in charged non-Kerr black holes. <i>International Journal of Modern Physics D</i> , 2019, 28, 2040012.	0.9	1
2233	Merger signatures in low excitation radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2308-2312.	1.6	3
2234	Black Hole Hyperaccretion and Gamma-ray Bursts. <i>Chinese Astronomy and Astrophysics</i> , 2019, 43, 143-177.	0.1	2
2235	Long-term multiwavelength view of the blazar 1ES 1218+304. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5076-5086.	1.6	10
2236	Ultra-high-energy cosmic rays. <i>Physics Reports</i> , 2019, 801, 1-93.	10.3	107
2237	Determining the composition of radio plasma via circular polarization: the prospects of the Cygnus A hot spots. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 035-035.	1.9	3
2238	Spectral energy distribution of the inner accretion flow around Sgr A* – clue for a weak outflow in the innermost region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5614-5622.	1.6	34
2239	Feeding a Black Hole Jet. <i>Physics Magazine</i> , 2019, 12, .	0.1	0
2240	3D global simulations of RIAFs: convergence, effects of azimuthal extent, and dynamo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 848-869.	1.6	8

#	ARTICLE	IF	CITATIONS
2241	Advanced Lectures on General Relativity. Lecture Notes in Physics, 2019, , .	0.3	44
2242	Multi-wavelength study of the short term TeV flaring activity from the blazar Mrk 501 observed in June 2014. Advances in Space Research, 2019, 63, 766-778.	1.2	5
2243	First-Principles Plasma Simulations of Black-Hole Jet Launching. Physical Review Letters, 2019, 122, 035101.	2.9	109
2244	On the Minimum Jet Power of TeV BL Lac Objects in the Λ CDM Model. Astrophysical Journal, 2019, 871, 81.	1.6	21
2245	Clumpy jets from black hole–massive star binaries as engines of fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4197-4201.	1.6	2
2246	The Extended Flare in CTA 102 in 2016 and 2017 within a Hadronic Model through Cloud Ablation by the Relativistic Jet. Astrophysical Journal, 2019, 871, 19.	1.6	18
2247	An Absence of Radio-loud Active Galactic Nuclei in Geometrically Flat Quiescent Galaxies: Implications for Maintenance-mode Feedback Models. Astrophysical Journal Letters, 2019, 872, L12.	3.0	7
2248	Approaching the Black Hole by Numerical Simulations. Universe, 2019, 5, 99.	0.9	4
2249	Circular Polarization in Compact Radio Sources: Constraints on Particle Acceleration and Electron–Positron Pairs. Astrophysical Journal, 2019, 873, 55.	1.6	4
2250	$\hat{\nu}$ blight: Radiation GRMHD for Neutrino-driven Accretion Flows. Astrophysical Journal, Supplement Series, 2019, 241, 30.	3.0	26
2251	Constraining the Neutron Star Radius with Joint Gravitational-wave and Short Gamma-Ray Burst Observations of Neutron Star–Black Hole Coalescing Binaries. Astrophysical Journal, 2019, 877, 94.	1.6	17
2252	Propagation of a Short GRB Jet in the Ejecta: Jet Launching Delay Time, Jet Structure, and GW170817/GRB 170817A. Astrophysical Journal Letters, 2019, 877, L40.	3.0	39
2253	Jet structure in the afterglow phase for gamma-ray bursts with a precessing jet. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3214-3220.	1.6	8
2254	Luminosity–Luminosity Correlations in Flux-limited Multiwavelength Data. Astrophysical Journal, 2019, 877, 63.	1.6	4
2255	Radio emission from the unbound debris of tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4083-4092.	1.6	23
2256	A living theory catalogue for fast radio bursts. Physics Reports, 2019, 821, 1-27.	10.3	276
2257	A model for the radio/X-ray correlation in three neutron star low-mass X-ray binaries 4U 1728-34, Aql X-1ad, and EXO 1745-248. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1626-1633.	1.6	5
2258	Bardeen–Peterson alignment, jets, and magnetic truncation in GRMHD simulations of tilted thin accretion discs. Monthly Notices of the Royal Astronomical Society, 2019, 487, 550-561.	1.6	86

#	ARTICLE	IF	CITATIONS
2260	Black Hole Hyperaccretion Inflowâ€œOutflow Model. II. Long-duration Gamma-Ray Bursts and Supernova ⁵⁶Ni Bumps. <i>Astrophysical Journal</i> , 2019, 871, 117.	1.6	18
2261	A Resolution Study of Magnetically Arrested Disks. <i>Astrophysical Journal</i> , 2019, 874, 168.	1.6	29
2262	The relativistic jet of the $\hat{\gamma}$ -ray emitting narrow-line Seyfert 1 galaxy PKSâ€œJ1222+0413. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 181-197.	1.6	8
2263	Fifty Years of Energy Extraction from Rotating Black Hole: Revisiting Magnetic Penrose Process. <i>Universe</i> , 2019, 5, 125.	0.9	32
2264	The evolution of SMBH spin and AGN luminosities for $z < 6$ within a semi-analytic model of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 198-227.	1.6	31
2265	Merger and Mass Ejection of Neutron Star Binaries. <i>Annual Review of Nuclear and Particle Science</i> , 2019, 69, 41-64.	3.5	165
2266	Magnetar as Central Engine of Gamma-Ray Bursts: Central Engineâ€œJet Connection, Windâ€œJet Energy Partition, and Origin of Some Ultra-long Bursts. <i>Astrophysical Journal</i> , 2019, 877, 153.	1.6	12
2267	Polarized Light from the Transportation of a Matter-Antimatter Beam in a Plasma. <i>Physical Review Letters</i> , 2019, 122, 204801.	2.9	7
2268	Effective field theory of force-free electrodynamics. <i>Physical Review D</i> , 2019, 99, .	1.6	10
2269	Effects of spin on magnetized binary neutron star mergers and jet launching. <i>Physical Review D</i> , 2019, 99, .	1.6	39
2270	The redshift distribution of BL Lacs and FSRQs. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 013.	0.7	2
2271	Limits on Electromagnetic Counterparts of Gravitational-wave-detected Binary Black Hole Mergers. <i>Astrophysical Journal</i> , 2019, 875, 49.	1.6	14
2272	The Limited Contribution of Low- and High-luminosity Gamma-Ray Bursts to Ultra-high-energy Cosmic Rays. <i>Astrophysical Journal</i> , 2019, 876, 93.	1.6	11
2273	Study of energy extraction and epicyclic frequencies in Kerr-MOGÂ(modified gravity) black hole. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	16
2274	Diagnosing the remnants of binary neutron star merger from GW170817/GRB170817A event. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4479-4484.	1.6	8
2275	Black hole mass and spin estimates of the most distant quasars. <i>Astronomy and Astrophysics</i> , 2019, 625, A23.	2.1	8
2276	FSRQ/BL Lac dichotomy as the magnetized advective accretion process around black holes: a unified classification of blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3465-3472.	1.6	9
2277	Polarization with a Three-dimensional Mixed Magnetic Field and Its Application to GRB 170817A. <i>Astrophysical Journal</i> , 2019, 870, 96.	1.6	7

#	ARTICLE	IF	CITATIONS
2278	A Comparison between Radio Loud and Quiet Gamma-Ray Bursts, and Evidence for a Potential Correlation between Intrinsic Duration and Redshift in the Radio Loud Population. <i>Astrophysical Journal</i> , 2019, 871, 118.	1.6	12
2279	The Large-scale Magnetic Field of a Thin Accretion Disk with Outflows. <i>Astrophysical Journal</i> , 2019, 872, 149.	1.6	23
2280	A deep X-ray view of the bare AGN Ark 120. <i>Astronomy and Astrophysics</i> , 2019, 623, A11.	2.1	24
2281	Long-term FR II jet evolution: clues from three-dimensional simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3718-3735.	1.6	37
2282	Magnetic field at a jet base: extreme Faraday rotation in 3C 273 revealed by ALMA. <i>Astronomy and Astrophysics</i> , 2019, 623, A111.	2.1	23
2283	Two-temperature, Magnetically Arrested Disc simulations of the jet from the supermassive black hole in M87. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2873-2895.	1.6	105
2284	Thermodynamics and phase transitions of nonlinear electrodynamics black holes in an extended phase space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 052-052.	1.9	38
2285	Bosonization of strong-field pair plasma. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 002-002.	1.9	5
2286	Evidence for an emerging disc wind and collimated outflow during an X-ray flare in the narrow-line Seyfert 1 galaxy MrkA335. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4287-4297.	1.6	30
2287	Boosted Kerr black holes in general relativity. <i>Physical Review D</i> , 2019, 99, .	1.6	4
2288	A possible feedback mechanism of outflows from a black hole hyperaccretion disk in the center of jet-driven iPTF14hls. <i>Journal of High Energy Astrophysics</i> , 2019, 22, 5-9.	2.4	12
2289	Jet production in black-hole X-ray binaries and active galactic nuclei: mass feeding and advection of magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	9
2290	A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5294-5318.	1.6	22
2291	A relativistic disc reflection model for 1H0419â€“577: Multi-epoch spectral analysis with <i>XMM-Newton</i> and <i>NuSTAR</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2958-2967.	1.6	20
2292	Relativistic Jet Simulations of the Weibel Instability in the Slab Model to Cylindrical Jets with Helical Magnetic Fields. <i>Galaxies</i> , 2019, 7, 29.	1.1	11
2293	Submillimeter polarization and variability of quasar PKS 1830â€“211. <i>Astronomy and Astrophysics</i> , 2019, 621, A18.	2.1	9
2294	The AGN fuelling/feedback cycle in nearby radio galaxies I. ALMA observations and early results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4239-4259.	1.6	41
2295	Jet kinematics of the quasar 4C+21.35 from observations with the KaVA very long baseline interferometry array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2412-2421.	1.6	14

#	ARTICLE	IF	CITATIONS
2296	On some novel features of the Kerr–Newman-NUT spacetime. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	26
2297	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
2298	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	3.0	814
2299	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
2300	Faraday Rotation in the Jet of M87 inside the Bondi Radius: Indication of Winds from Hot Accretion Flows Confining the Relativistic Jet. <i>Astrophysical Journal</i> , 2019, 871, 257.	1.6	62
2301	GRB and blazar jets shining through their stripes. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	47
2302	The MRI Imprint on the Short-GRB Jets. <i>Astrophysical Journal</i> , 2019, 873, 12.	1.6	10
2303	Black hole magnetosphere with small-scale flux tubes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4920-4932.	1.6	21
2304	The magnetic field structure in CTA 102 from high-resolution mm-VLBI observations during the flaring state in 2016–2017. <i>Astronomy and Astrophysics</i> , 2019, 622, A158.	2.1	21
2305	Rapid black hole growth at the dawn of the Universe: a super-Eddington quasar at $z \approx 6.6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2575-2586.	1.6	28
2306	Accretion-ejection in rotating black holes: a model for “outliers” track of radio-X-ray correlation in X-ray binaries. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	0.5	6
2307	Observational signatures of magnetic field structure in relativistic AGN jets. <i>Astronomy and Astrophysics</i> , 2019, 622, A122.	2.1	8
2308	Numerical Simulations of Jets from Active Galactic Nuclei. <i>Galaxies</i> , 2019, 7, 24.	1.1	28
2309	Phenomenology of gamma-ray emitting binaries. <i>Rendiconti Lincei</i> , 2019, 30, 107-113.	1.0	6
2310	LoTSS DR1: Double-double radio galaxies in the HETDEX field. <i>Astronomy and Astrophysics</i> , 2019, 622, A13.	2.1	41
2311	Constraints on gamma-ray burst inner engines in a Blandford–Znajek framework. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 203-210.	1.6	8
2312	Breaking degeneracy in jet dynamics: multi-epoch joint modelling of the BL Lac PKS 2155–304. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4798-4812.	1.6	13
2313	Gravastar formation: What can be the evidence of a black hole?. <i>Physical Review D</i> , 2019, 99, .	1.6	17

#	ARTICLE	IF	CITATIONS
2314	Relativistic Jets of Blazars. <i>New Astronomy Reviews</i> , 2019, 87, 101541.	5.2	37
2315	General relativistic magnetohydrodynamic dynamo in thick accretion disks: fully nonlinear simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	16
2316	The Generalized Hardness-Intensity Diagram for Black Hole and Neutron Star X-Ray Binaries. <i>Astrophysical Journal</i> , 2019, 887, 164.	1.6	2
2317	The Polarization Behavior of Relativistic Synchrotron Self-Compton Jets. <i>Astrophysical Journal</i> , 2019, 885, 76.	1.6	16
2318	Growth of Massive Black Holes at High-z via Accretion Predominantly Driven by Magnetic Outflows. <i>Astrophysical Journal</i> , 2019, 886, 92.	1.6	7
2319	Radiative Properties of Magnetically Arrested Disks. <i>Astrophysical Journal</i> , 2019, 887, 167.	1.6	17
2320	Polarization of Astrophysical Events with Precessing Jets. <i>Astrophysical Journal</i> , 2019, 878, 140.	1.6	4
2321	Plasmas in Gamma-Ray Bursts: Particle Acceleration, Magnetic Fields, Radiative Processes and Environments. <i>Galaxies</i> , 2019, 7, 33.	1.1	1
2322	Possible Electromagnetic Phenomena during the Coalescence of Neutron Star-Black Hole Binary Systems. <i>Astronomy Letters</i> , 2019, 45, 728-739.	0.1	5
2323	A unified accretion-ejection paradigm for black hole X-ray binaries. <i>Astronomy and Astrophysics</i> , 2019, 626, A115.	2.1	30
2324	Relativistic Aspects of Accreting Supermassive Black Hole Binaries in Their Natural Habitat: A Review. <i>Galaxies</i> , 2019, 7, 63.	1.1	13
2325	Radio loudness along the quasar main sequence. <i>Astronomy and Astrophysics</i> , 2019, 630, A110.	2.1	28
2326	Derivation of the physical parameters of the jet in S5 0836+710 from stability analysis. <i>Astronomy and Astrophysics</i> , 2019, 627, A79.	2.1	14
2327	Low-mass and high-mass supermassive black holes in radio-loud AGNs are spun-up in different evolution paths. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 144.	0.7	3
2328	Constraining the charge of the Galactic centre black hole. <i>Journal of Physics: Conference Series</i> , 2019, 1258, 012031.	0.3	26
2329	The structure of magnetically dominated energy-extracting black hole magnetospheres: Dependencies on field line angular velocity. <i>Progress of Theoretical and Experimental Physics</i> , 2019, 2019, .	1.8	2
2330	Neutrino-dominated Accretion Flows with Magnetic Prandtl Number-dependent MRI-driven Turbulence. <i>Astrophysical Journal</i> , 2019, 881, 138.	1.6	4
2331	The Effect of Minor and Major Mergers on the Evolution of Low-excitation Radio Galaxies. <i>Astrophysical Journal</i> , 2019, 878, 88.	1.6	12

#	ARTICLE	IF	CITATIONS
2332	Observation of the Second LIGO/Virgo Event Connected with a Binary Neutron Star Merger S190425z in the Gamma-Ray Range. <i>Astronomy Letters</i> , 2019, 45, 710-727.	0.1	34
2333	The γ -ray sky seen at X-ray energies. <i>Astronomy and Astrophysics</i> , 2019, 631, A150.	2.1	10
2334	Astrophysical jets from boosted compact objects. <i>Physical Review D</i> , 2019, 100, .	1.6	7
2335	First 100 μ s of a long-lived magnetized neutron star formed in a binary neutron star merger. <i>Physical Review D</i> , 2019, 100, .	1.6	96
2336	Relation between winds and jets in radio-loud AGN. <i>Astronomy and Astrophysics</i> , 2019, 625, A25.	2.1	26
2337	Discovery of a galaxy overdensity around a powerful, heavily obscured FR II radio galaxy at $z=1.7$: star formation promoted by large-scale AGN feedback?. <i>Astronomy and Astrophysics</i> , 2019, 632, A26.	2.1	24
2338	Efficient Production of Sound Waves by AGN Jets in the Intracluster Medium. <i>Astrophysical Journal</i> , 2019, 886, 78.	1.6	31
2339	Neutrino fluence from gamma-ray bursts: off-axis view of structured jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4935-4943.	1.6	8
2340	Exploring the Morphology and Origins of the 4C 38.41 Jet. <i>Astrophysical Journal</i> , 2019, 886, 85.	1.6	9
2341	Dynamically Stable Ergostars Exist: General Relativistic Models and Simulations. <i>Physical Review Letters</i> , 2019, 123, 231103.	2.9	10
2342	Evidence for Helical Magnetic Fields Associated with AGN Jets and the Action of a Cosmic Battery. <i>Galaxies</i> , 2019, 7, 5.	1.1	28
2343	A Quasi-static Hyper-resistive Model of Ultra-high-energy Cosmic-ray Acceleration by Magnetically Collimated Jets Created by Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2019, 885, 4.	1.6	6
2345	Possible evidence of a supermassive black hole binary with two radio jets in blazar 3C279. <i>Astronomy and Astrophysics</i> , 2019, 621, A11.	2.1	8
2346	Positrons from primordial black hole microquasars and gamma-ray bursts. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 789, 538-544.	1.5	23
2347	A lesson from GW170817: most neutron star mergers result in tightly collimated successful GRB jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 840-851.	1.6	71
2348	The Properties of Parsec-scale Blazar Jets. <i>Astrophysical Journal</i> , 2019, 870, 28.	1.6	18
2349	A newly discovered double-double candidate microquasar in NGC 300. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2389-2406.	1.6	10
2350	The magnetic Rayleigh-Taylor instability around astrophysical black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2325-2336.	1.6	2

#	ARTICLE	IF	CITATIONS
2351	New Optical Manipulation of Relativistic Vortex Cutter. <i>Physical Review Letters</i> , 2019, 122, 024801.	2.9	35
2352	On the magnetization and the radiative efficiency of BL Lac jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1192-1201.	1.6	18
2353	Observing black holes spin. <i>Nature Astronomy</i> , 2019, 3, 41-47.	4.2	107
2354	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
2355	Ratio of the jet power to the bolometric luminosity of the disk during accretion onto a black hole. <i>International Journal of Modern Physics D</i> , 2019, 28, 1950032.	0.9	1
2356	Ultraluminous X-ray sources as magnetically powered sub-Eddington advective accretion flows around stellar mass black holes. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 482, L24-L28.	1.2	12
2357	Internal instabilities in magnetized jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2107-2131.	1.6	12
2358	Active galactic nuclei imaging programs of the RadioAstron mission. <i>Advances in Space Research</i> , 2020, 65, 712-719.	1.2	8
2359	Linking gravitational waves and X-ray phenomena with joint LISA and Athena observations. <i>Nature Astronomy</i> , 2020, 4, 26-31.	4.2	31
2360	Conditions for jet breakout in neutron stars' mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 483-487.	1.6	7
2361	Quasi-simultaneous radio and X-ray observations of Aql X-1: probing low luminosities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2858-2871.	1.6	16
2362	Interplasmoid Compton scattering and the Compton dominance of BL Lacs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 549-555.	1.6	14
2363	Blandford-Znajek process as Alfvénic superradiance. <i>Physical Review D</i> , 2020, 101, .	1.6	6
2364	A two-fluid model for black-hole accretion flows: Particle acceleration, outflows, and TeV emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4194-4220.	1.6	2
2365	Magnetic energy dissipation and origin of non-thermal spectra in radiatively efficient relativistic sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 3900-3907.	1.6	10
2366	The surprisingly small impact of magnetic fields on the inner accretion flow of Sagittarius A* fueled by stellar winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3272-3293.	1.6	44
2367	The L_{radio} vs L_{UV} radio relation and corona-disc-jet connection in optically selected radio-loud quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 245-268.	1.6	39
2368	A self-lensing supermassive binary black hole at radio frequencies: the story of Spikey continues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3336-3347.	1.6	6

#	ARTICLE	IF	CITATIONS
2369	The effects of resolution on black hole accretion simulations of jets. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2428-2439.	1.6	5
2370	The structure of weakly magnetized $\hat{\gamma}$ -ray burst jets. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3320-3333.	1.6	51
2371	The stringent upper limit on jet power in the persistent soft-state source 4U1957+11. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 498, L40-L45.	1.2	6
2372	Particle acceleration in astrophysical jets. New Astronomy Reviews, 2020, 89, 101543.	5.2	51
2373	Radio galaxies and feedback from AGN jets. New Astronomy Reviews, 2020, 88, 101539.	5.2	135
2374	The nearby extreme accretion and feedback system PDS456: finding a complex radio-emitting nucleus. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2620-2626.	1.6	14
2375	The Origin of Matter at the Base of Relativistic Jets in Active Galactic Nuclei. Universe, 2020, 6, 99.	0.9	10
2376	Nonlinear electrostatic waves in an electron-positron plasma. AIP Advances, 2020, 10, 065208.	0.6	5
2377	Astrophysical implications of neutron star inspiral and coalescence. International Journal of Modern Physics D, 2020, 29, 2041015.	0.9	17
2378	Disc formation and jet inclination effects in common envelopes. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2057-2065.	1.6	33
2379	From galactic nuclei to the halo outskirts: tracing supermassive black holes across cosmic history and environments. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4681-4706.	1.6	27
2380	Characterization of variability in blazar light curves. Astronomische Nachrichten, 2020, 341, 713-725.	0.6	12
2381	The evolution of gamma-ray burst jet opening angle through cosmic time. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4371-4381.	1.6	12
2382	The Dynamics of Binary Neutron Star Mergers and GW170817. Annual Review of Nuclear and Particle Science, 2020, 70, 95-119.	3.5	118
2383	Cosmic-Ray Extremely Distributed Observatory. Symmetry, 2020, 12, 1835.	1.1	33
2384	A full characterization of the supermassive black hole in IRAS09149+6206. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1480-1498.	1.6	14
2385	High-energy neutrino emission subsequent to gravitational wave radiation from supermassive black hole mergers. Physical Review D, 2020, 102, .	1.6	10
2386	Neutron star mergers and how to study them. Living Reviews in Relativity, 2020, 23, 1.	8.2	31

#	ARTICLE	IF	CITATIONS
2387	X-ray Properties of 3C 111: Separation of Primary Nuclear Emission and Jet Continuum. <i>Universe</i> , 2020, 6, 219.	0.9	3
2388	The Physical Processes and Observing Techniques of Radio Astronomy. <i>Undergraduate Lecture Notes in Physics</i> , 2020, , .	0.1	2
2389	Large amplitude electromagnetic solitons in a fully relativistic magnetized electron-positron-pair plasma. <i>Advances in Space Research</i> , 2020, 66, 2265-2273.	1.2	5
2390	Protonâ€“synchrotron as the radiation mechanism of the prompt emission of gamma-ray bursts?. <i>Astronomy and Astrophysics</i> , 2020, 636, A82.	2.1	35
2391	On the distribution of fluxes of gamma-ray blazars: hints for a stochastic process?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1294-1300.	1.6	11
2392	Magnetorotational Explosion of a Massive Star Supported by Neutrino Heating in General Relativistic Three-dimensional Simulations. <i>Astrophysical Journal</i> , 2020, 896, 102.	1.6	76
2393	Jets from Tidal Disruption Events. <i>New Astronomy Reviews</i> , 2020, 89, 101538.	5.2	18
2394	The mass, spin, and rotational energy of the remnant black holes from compact binary mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 643-647.	1.6	4
2395	Hyper-Eddington accretion flows on to black holes accompanied by powerful outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 302-317.	1.6	31
2396	Magnetosphere of an orbiting neutron star. <i>Physical Review D</i> , 2020, 101, .	1.6	20
2397	Black hole mergers from dwarf to massive galaxies with the NewHorizon and Horizon-AGN simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2219-2238.	1.6	67
2398	Probing the origin of low-frequency radio emission in PG quasars with the uGMRT â€“ I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5826-5839.	1.6	24
2399	Structured, relativistic jets driven by radiation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3158-3177.	1.6	13
2400	Qâ€“wind code release: a non-hydrodynamical approach to modelling line-driven winds in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 402-412.	1.6	8
2401	Radiative kinetic simulations of steady-state relativistic plasmoid magnetic reconnection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1365-1381.	1.6	10
2402	Blob formation and ejection from the radiative inefficient accretion flow around massive black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1561-1577.	1.6	8
2403	Testing jet geometries and discâ€“jet coupling in the neutron star LMXB 4U 0614+091 with the internal shocks model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3351-3367.	1.6	11
2404	Charged particle dynamics in the surrounding of Schwarzschild anti-de Sitter black hole with topological defect immersed in an external magnetic field. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	9

#	ARTICLE	IF	CITATIONS
2405	Deciphering the properties of the central engine in GRB collapsars. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2910-2921.	1.6	4
2406	Acceleration of high energy protons in AGN relativistic jets. Physical Review D, 2020, 102, .	1.6	9
2407	Relativistic AGN jets â€œ III. Synthesis of synchrotron emission from double-double radio galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3638-3657.	1.6	3
2408	Observational signatures of disc and jet misalignment in images of accreting black holes. Monthly Notices of the Royal Astronomical Society, 2020, 499, 362-378.	1.6	42
2409	Inverse reconstruction of jet structure from off-axis gamma-ray burst afterglows. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1217-1235.	1.6	27
2410	Gamma-ray flares from relativistic magnetic reconnection in the jet of the quasar 3C 279. Nature Communications, 2020, 11, 4176.	5.8	42
2411	Magnetic ergostars, jet formation, and gamma-ray bursts: Ergoregions versus horizons. Physical Review D, 2020, 102, .	1.6	3
2412	Editorial for the Special Issue â€œAccretion Disks, Jets, Gamma-Ray Bursts and Related Gravitational Wavesâ€. Universe, 2020, 6, 242.	0.9	0
2413	Black hole spin in X-ray binaries: giving uncertainties an $\langle i \rangle$. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3640-3666.	1.6	15
2414	On the significance of relativistically hot pairs in the jets of FR II radio galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3749-3754.	1.6	7
2415	Neutron star merger remnants. General Relativity and Gravitation, 2020, 52, 1.	0.7	80
2416	Maximum observable blueshift from circular equatorial Kerr orbiters. Physical Review D, 2020, 102, .	1.6	22
2417	POEMMAâ€™s target-of-opportunity sensitivity to cosmic neutrino transient sources. Physical Review D, 2020, 102, .	1.6	24
2418	Viscous evolution of a massive disk surrounding stellar-mass black holes in full general relativity. Physical Review D, 2020, 102, .	1.6	35
2419	Rank-3 moment closures in general relativistic neutrino transport. Physical Review D, 2020, 102, .	1.6	14
2420	On Spin dependence of the Fundamental Plane of black hole activity. Monthly Notices of the Royal Astronomical Society, 2020, 495, 278-284.	1.6	7
2421	The thermal-radiative wind in the neutron star low-mass X-ray binary GX 13A+1. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4970-4980.	1.6	9
2422	Physical parameters of active galactic nuclei derived from properties of the jet geometry transition region. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2532-2543.	1.6	13

#	ARTICLE	IF	CITATIONS
2423	The consequences of gamma-ray burst jet opening angle evolution on the inferred star formation rate. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5041-5047.	1.6	6
2424	Characterizing the dynamo in a radiatively inefficient accretion flow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4854-4866.	1.6	11
2425	Magnetized Particle Motion in \hat{t}^3 -Spacetime in a Magnetic Field. <i>Galaxies</i> , 2020, 8, 76.	1.1	19
2426	Is OJ 287 a Single Supermassive Black Hole?. <i>Universe</i> , 2020, 6, 191.	0.9	16
2427	Dynamics of magnetized particles around 4-D Einstein Gauss-Bonnet black hole. <i>Physics of the Dark Universe</i> , 2020, 30, 100715.	1.8	49
2428	Precursor flares of short gamma-ray bursts from crust yielding due to tidal resonances in coalescing binaries of rotating, magnetized neutron stars. <i>Physical Review D</i> , 2020, 101, .	1.6	23
2429	Gamma-ray burst jet propagation, development of angular structure, and the luminosity function. <i>Astronomy and Astrophysics</i> , 2020, 636, A105.	2.1	40
2430	Radio morphology-accretion mode link in Fanaroff-Riley type II low-excitation radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4355-4366.	1.6	22
2431	Magnetar as Central Engine of Gamma-Ray Bursts: Quasi-universal Jet, Event Rate, and X-Ray Luminosity Function of Dipole Radiations. <i>Astrophysical Journal</i> , 2020, 894, 52.	1.6	2
2432	Kink instabilities in relativistic jets can drive quasi-periodic radiation signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1817-1825.	1.6	26
2433	Determination of magnetic field strength on the event horizon of supermassive black holes in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 614-620.	1.6	10
2434	Role of magnetically dominated disc-outflow symbiosis on bright hard-state black hole sources: ultra-luminous X-ray sources to quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 350-364.	1.6	2
2435	Disc tearing and Bardeen-Petterson alignment in GRMHD simulations of highly tilted thin accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 983-990.	1.6	53
2436	The GLEAM 4-Jy (G4Jy) Sample: II. Host galaxy identification for individual sources. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	12
2437	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
2438	Polarization imaging of M 87 jets by general relativistic radiative transfer calculation based on GRMHD simulations. <i>Publication of the Astronomical Society of Japan</i> , 2020, 72, .	1.0	12
2439	Jet efficiencies and black hole spins in jetted quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 981-991.	1.6	15
2440	Cosmic rays from the nearby starburst galaxy NGC 253: the effect of a low-luminosity active galactic nucleus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2109-2116.	1.6	10

#	ARTICLE	IF	CITATIONS
2441	Fast Radio Burst Counterparts and Their Implications for the Central Engine. <i>Astrophysical Journal</i> , 2020, 892, 135.	1.6	16
2442	Supermassive Black Holes as Possible Sources of Ultrahigh-energy Cosmic Rays. <i>Astrophysical Journal</i> , 2020, 895, 14.	1.6	56
2443	Ab Initio Horizon-scale Simulations of Magnetically Arrested Accretion in Sagittarius A* Fed by Stellar Winds. <i>Astrophysical Journal Letters</i> , 2020, 896, L6.	3.0	59
2444	Explosions Driven by the Coalescence of a Compact Object with the Core of a Massive-star Companion inside a Common Envelope: Circumstellar Properties, Light Curves, and Population Statistics. <i>Astrophysical Journal</i> , 2020, 892, 13.	1.6	57
2445	The Thermodynamics of the Perturbed Schwarzschild Black Hole. <i>International Journal of Theoretical Physics</i> , 2020, 59, 2214-2222.	0.5	2
2446	Gamma-ray and optical properties of the flat spectrum radio quasar 3C 279 flare in June 2015. <i>Journal of High Energy Astrophysics</i> , 2020, 26, 65-76.	2.4	3
2447	Joint <i>XMM-Newton</i> and <i>NuSTAR</i> observations of the reflection spectrum of III Zw 2. <i>Astronomy and Astrophysics</i> , 2020, 635, A172.	2.1	7
2448	Hydrodynamical backflow in X-shaped radio galaxy PKS 2014+55. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1271-1283.	1.6	43
2449	Physics of Pair Producing Gaps in Black Hole Magnetospheres. II. General Relativity. <i>Astrophysical Journal</i> , 2020, 895, 121.	1.6	25
2450	Cosmic Spin and Mass Evolution of Black Holes and Its Impact. <i>Astrophysical Journal</i> , 2020, 895, 130.	1.6	2
2451	Particle dynamics around the black string. <i>Classical and Quantum Gravity</i> , 2020, 37, 185008.	1.5	7
2452	Separating Accretion and Mergers in the Cosmic Growth of Black Holes with X-Ray and Gravitational-wave Observations. <i>Astrophysical Journal</i> , 2020, 895, 95.	1.6	29
2453	Plasmoid formation in global GRMHD simulations and AGN flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1549-1565.	1.6	57
2454	Accretion disc-jet couplings in X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2408-2415.	1.6	2
2455	Large-scale poloidal magnetic field dynamo leads to powerful jets in GRMHD simulations of black hole accretion with toroidal field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3656-3662.	1.6	82
2456	Accelerating strangelets via Penrose process in non-BPS fuzz-balls. <i>Nuclear Physics B</i> , 2020, 954, 115010.	0.9	10
2457	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
2458	The key role of magnetic fields in binary neutron star mergers. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	0.7	48

#	ARTICLE	IF	CITATIONS
2459	Localizing the $\hat{\Gamma}^3$ -ray emitting region in the blazar TXS 2013+370. <i>Astronomy and Astrophysics</i> , 2020, 634, A112.	2.1	8
2460	Oscillation of high-energy neutrinos from choked jets in stellar and merger ejecta. <i>Physical Review D</i> , 2020, 101, .	1.6	13
2461	Searches for pulsar-like candidates from unidentified objects in the Third Catalog of Hard Fermi-LAT Sources with machine learning techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1093-1109.	1.6	7
2462	Magnetic Fields and Afterglows of BdHNe: Inferences from GRB 130427A, GRB 160509A, GRB 160625B, GRB 180728A, and GRB 190114C. <i>Astrophysical Journal</i> , 2020, 893, 148.	1.6	25
2463	The Jet-Disk Coupling of Seyfert Galaxies from a Complete Hard X-ray Sample. <i>Universe</i> , 2020, 6, 68.	0.9	4
2464	Determining the Composition of Relativistic Jets from Polarization Maps. <i>Astrophysical Journal</i> , 2020, 896, 30.	1.6	16
2465	Large-scale Dynamics of Winds Originating from Black Hole Accretion Flows. II. Magnetohydrodynamics. <i>Astrophysical Journal</i> , 2020, 890, 81.	1.6	11
2466	Influence of weak electromagnetic fields on charged particle ISCOs. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	0.7	6
2467	Viscous Evolution of Magnetized Clumps: A Source for X-Ray Flares in Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2020, 888, 64.	1.6	2
2468	Consistent Blandford-Znajek expansion. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 009-009.	1.9	11
2469	The Nature of $\hat{\Gamma}^3$ -Ray Variability in Blazars. <i>Astrophysical Journal</i> , 2020, 891, 120.	1.6	50
2470	Relativistic Jets from AGN Viewed at Highest Angular Resolution. <i>Galaxies</i> , 2020, 8, 1.	1.1	16
2471	Multi-epoch Modeling of TXS 0506+056 and Implications for Long-term High-energy Neutrino Emission. <i>Astrophysical Journal</i> , 2020, 891, 115.	1.6	53
2472	Influence of Cosmic Repulsion and Magnetic Fields on Accretion Disks Rotating around Kerr Black Holes. <i>Universe</i> , 2020, 6, 26.	0.9	138
2473	Doppler Factor Estimation for Fermi Blazars. <i>Astrophysical Journal</i> , 2020, 897, 10.	1.6	31
2474	Charged particle and epicyclic motions around $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e840" altimg="si74.svg" \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Einstein} \hat{\text{a}} \text{€} \text{Gauss} \hat{\text{a}} \text{€} \text{Bonnet black hole immersed in an external magnetic field. Physics of the Dark Universe, 2020, 30, 100640.$	1.8	49
2475	Force-free electrodynamics near rotation axis of a Kerr black hole. <i>Classical and Quantum Gravity</i> , 2020, 37, 085012.	1.5	5
2476	Effect of magnetic flux advection on the dynamics of shock in accretion flow around a rotating black hole. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 040.	0.7	0

#	ARTICLE	IF	CITATIONS
2477	On Beltrami states near black hole event horizon. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	9
2478	Venturing beyond the ISCO: detecting X-ray emission from the plunging regions around black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5532-5550.	1.6	20
2479	Neutrinos and gravitational waves from magnetized neutrino-dominated accretion discs with magnetic coupling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3962-3970.	1.6	6
2480	Striped Blandford/Znajek jets from advection of small-scale magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4203-4225.	1.6	22
2481	Effect of Electromagnetic Interaction on Galactic Center Flare Components. <i>Astrophysical Journal</i> , 2020, 897, 99.	1.6	28
2482	Magnetic effects on the generation of gravitational waves in a black hole-neutron star binary system. <i>Classical and Quantum Gravity</i> , 2020, 37, 095002.	1.5	1
2483	Magnetohydrodynamics Simulations of Active Galactic Nucleus Disks and Jets. <i>Annual Review of Astronomy and Astrophysics</i> , 2020, 58, 407-439.	8.1	73
2484	How to tell an accreting boson star from a black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 521-535.	1.6	80
2485	An extremely powerful long-lived superluminal ejection from the black hole MAXI J1820+070. <i>Nature Astronomy</i> , 2020, 4, 697-703.	4.2	74
2486	Magnetically charged black holes from non-linear electrodynamics and the Event Horizon Telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 003-003.	1.9	171
2487	On the comparison of AGN with GRMHD simulations: I. Sgr A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1404-1418.	1.6	26
2488	Triggering mixing and deceleration in FRI jets: a solution. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 494, L22-L26.	1.2	15
2489	Understanding the giant gamma-ray outburst on June 16, 2015 from the blazar 3C 279. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	0.5	6
2490	On the injection of relativistic electrons in the jet of 3C 279. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 410-426.	1.6	5
2491	The optically selected 1.4-GHz quasar luminosity function below $1\hat{\mu}\text{mJy}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5297-5312.	1.6	8
2492	Comparison of SEDs of very massive radio-loud and radio-quiet AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 315-325.	1.6	14
2493	Spin of the M87 Black Hole. <i>Annalen Der Physik</i> , 2020, 532, 1900480.	0.9	5
2494	Can we detect PeV neutrinos from merging black hole binaries?. <i>Journal of High Energy Astrophysics</i> , 2020, 25, 17-22.	2.4	0

#	ARTICLE	IF	CITATIONS
2495	Black hole immersed dark matter halo. <i>Physical Review D</i> , 2020, 101, .	1.6	28
2496	Electromagnetic counterparts of black hole–neutron star mergers: dependence on the neutron star properties. <i>European Physical Journal A</i> , 2020, 56, 1.	1.0	34
2497	Black Hole Hyperaccretion in Collapsars. II. Gravitational Waves. <i>Astrophysical Journal</i> , 2020, 889, 73.	1.6	12
2498	Centrifugal acceleration of protons by a supermassive black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4884-4891.	1.6	7
2499	NuSTAR Perspective on High-redshift MeV Blazars. <i>Astrophysical Journal</i> , 2020, 889, 164.	1.6	13
2500	Multiwavelength study of the radio galaxy NGC 1275 with TACTIC , $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si108.svg"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{F} \langle \text{mml:mi} \rangle \text{e} \langle \text{mml:mi} \rangle \text{r} \langle \text{mml:mi} \rangle \text{m} \langle \text{mml:mi} \rangle \text{i} \langle \text{mml:mi} \rangle \text{and} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.svg"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \text{w} \langle \text{mml:mi} \rangle \text{i} \langle \text{mml:mi} \rangle \text{f} \langle \text{mml:mi} \rangle \text{t} \langle \text{mml:mi} \rangle \text{during December 2016} \text{–} \text{February 2017}. New Astronomy, 2020, 80, 101402.$	0.8	4
2501	Magnetized Particle Motion around Black Holes in Conformal Gravity: Can Magnetic Interaction Mimic Spin of Black Holes?. <i>Universe</i> , 2020, 6, 44.	0.9	26
2502	Rotating black holes with an anisotropic matter field. <i>Physical Review D</i> , 2020, 101, .	1.6	16
2503	Stochastic acceleration in the relativistic jets of BL Lacertae objects. <i>New Astronomy</i> , 2020, 79, 101393.	0.8	4
2504	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69.	2.1	54
2505	Winds and feedback from supermassive black holes accreting at low rates: hydrodynamical treatment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2553-2571.	1.6	5
2506	Kinetic turbulence in shining pair plasma: intermittent beaming and thermalization by radiative cooling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 603-626.	1.6	25
2507	Multidimensional Simulations of Ergospheric Pair Discharges around Black Holes. <i>Physical Review Letters</i> , 2020, 124, 145101.	2.9	47
2508	Linking extended and plateau emissions of short gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 783-791.	1.6	8
2509	Origin of spin–orbit misalignments: the microblazar V4641 Sgr. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2179-2204.	1.6	12
2510	Radio and X-ray monitoring of the accreting millisecond X-ray pulsar IGR J17591–2342 in outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1091-1101.	1.6	17
2511	Estimation of the jet inclination angle for the TDE Swift J1644+57. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1634-1640.	1.6	1
2512	A parameter survey of Sgr A* radiative models from GRMHD simulations with self-consistent electron heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4168-4186.	1.6	45

#	ARTICLE	IF	CITATIONS
2513	The Structure of Radiatively Inefficient Black Hole Accretion Flows. <i>Astrophysical Journal</i> , 2020, 891, 63.	1.6	26
2514	Jets in the soft state in Cyg X-3 caused by advection of the donor magnetic field and unification with low-mass X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 223-231.	1.6	9
2515	Proton Synchrotron Gamma-Rays and the Energy Crisis in Blazars. <i>Astrophysical Journal Letters</i> , 2020, 893, L20.	3.0	23
2516	Cool outflows in galaxies and their implications. <i>Astronomy and Astrophysics Review</i> , 2020, 28, 1.	9.1	253
2517	One hundred years of testing general relativity: from Eddington's eclipse to general relativistic MHD. <i>Rendiconti Lincei</i> , 2020, 31, 315-318.	1.0	1
2518	Observational signatures of gamma-rays from bright blazars and wakefield theory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2229-2237.	1.6	5
2519	Differentiating disc and black hole-driven jets with EHT images of variability in M87. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5606-5616.	1.6	11
2520	Magnetohydrodynamic simulations of binary neutron star mergers in general relativity: Effects of magnetic field orientation on jet launching. <i>Physical Review D</i> , 2020, 101, .	1.6	37
2521	Determination of supermassive black hole spins in active galactic nuclei. <i>International Journal of Modern Physics A</i> , 2020, 35, 2040054.	0.5	2
2522	TXS 2116+077: A Gamma-Ray Emitting Relativistic Jet Hosted in a Galaxy Merger. <i>Astrophysical Journal</i> , 2020, 892, 133.	1.6	11
2523	Self-organized criticality in multi-pulse gamma-ray bursts. <i>Frontiers of Physics</i> , 2021, 16, 1.	2.4	11
2524	Coincidence and reproducibility in the EHT black hole experiment. <i>Studies in History and Philosophy of Science Part A</i> , 2021, 85, 63-78.	0.6	3
2525	Discovery of oscillations above 200 keV in a black hole X-ray binary with Insight-HXMT. <i>Nature Astronomy</i> , 2021, 5, 94-102.	4.2	71
2526	Black hole mass, jet, and accretion disk connection: An analysis of radio-loud and radio-quiet quasars. <i>Astronomische Nachrichten</i> , 2021, 342, 142-146.	0.6	1
2528	Radiation signatures from striped blazar jet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1145-1157.	1.6	13
2529	Dragged surfaces. On the accretion tori in the ergoregion. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 1497-1539.	1.0	6
2530	Magnetic reconnection as a mechanism for energy extraction from rotating black holes. <i>Physical Review D</i> , 2021, 103, .	1.6	25
2531	Measurement of Black Hole Spin via X-ray Reflection Spectra. <i>Journal of Physics: Conference Series</i> , 2021, 1739, 012008.	0.3	0

#	ARTICLE	IF	CITATIONS
2532	The effect of $\hat{\nu}$ -distributed trapped electrons on fully nonlinear electrostatic solitary waves in an electron-positron-relativistic ion plasma. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 065701.	0.7	3
2533	Relevance of jet magnetic field structure for blazar axionlike particle searches. <i>Physical Review D</i> , 2021, 103, .	1.6	16
2534	Radio loudness and classification for radio sources. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 313-325.	1.0	6
2535	A Survey of Active Galaxies at TeV Photon Energies with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2021, 907, 67.	1.6	13
2536	Can the EHT M87 results be used to test general relativity?. <i>Physical Review D</i> , 2021, 103, .	1.6	55
2537	Magnetic flux inversion in a peculiar changing look AGN. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 502, L50-L54.	1.2	26
2538	The Physics of Accretion Discs, Winds and Jets in Tidal Disruption Events. <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	12
2539	Radiative Penrose process: Energy gain by a single radiating charged particle in the ergosphere of rotating black hole. <i>Physical Review D</i> , 2021, 103, .	1.6	29
2540	A concordance scenario for the observed neutrino from a tidal disruption event. <i>Nature Astronomy</i> , 2021, 5, 472-477.	4.2	28
2541	Multimessenger Parameter Estimation of GW170817: From Jet Structure to the Hubble Constant. <i>Astrophysical Journal</i> , 2021, 908, 200.	1.6	21
2542	Black Hole Science With the Laser Interferometer Space Antenna. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	12
2543	Observational Evidence for Enhanced Black Hole Accretion in Giant Elliptical Galaxies. <i>Astrophysical Journal</i> , 2021, 908, 85.	1.6	11
2544	The tune of the Universe: the role of plasma in tests of strong-field gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 563-573.	1.6	21
2545	Testing Blandford-Znajek Mechanism in Black Hole Hyperaccretion Flows for Long-duration Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2021, 908, 242.	1.6	9
2546	A fully kinetic model for orphan gamma-ray flares in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 688-693.	1.6	12
2547	Electron-beam interaction with emission-line clouds in blazars. <i>Astronomy and Astrophysics</i> , 2021, 646, A115.	2.1	7
2548	Identifying Black Hole Central Engines in Gamma-Ray Bursts. <i>Astrophysical Journal Letters</i> , 2021, 908, L2.	3.0	13
2549	Possible evidence of a universal radio/X-ray correlation in a near-complete sample of hard X-ray selected seyfert galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1987-1998.	1.6	10

#	ARTICLE	IF	CITATIONS
2550	Two-dimensional Particle-in-cell Simulations of Axisymmetric Black Hole Magnetospheres. <i>Astrophysical Journal</i> , 2021, 908, 88.	1.6	5
2551	Pair Drizzle around Sub-Eddington Supermassive Black Holes. <i>Astrophysical Journal</i> , 2021, 907, 73.	1.6	26
2552	Signatures of Einstein-Maxwell dilaton-axion gravity from the observed jet power and the radiative efficiency. <i>Physical Review D</i> , 2021, 103, .	1.6	6
2553	Placing LOFAR-detected quasars in ν emission space: implications for winds, jets and star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4154-4169.	1.6	7
2554	Final Compact Remnants in Core-collapse Supernovae from 20 to 40 M_{\odot} : The Lower Mass Gap. <i>Astrophysical Journal</i> , 2021, 908, 106.	1.6	20
2555	Relativistic-induced opacity of electron-positron plasmas. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 045010.	0.9	1
2556	Particle Acceleration by Relativistic Magnetic Reconnection Driven by Kink Instability Turbulence in Poynting Flux-Dominated Jets. <i>Astrophysical Journal</i> , 2021, 908, 193.	1.6	30
2557	Electromagnetic counterparts of compact binary mergers. <i>Journal of Plasma Physics</i> , 2021, 87, .	0.7	13
2558	Magnetically modified spherical accretion in GRMHD: reconnection-driven convection and jet propagation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 6076-6095.	1.6	21
2559	Understanding the Puzzling Acceleration of Jets of Active Galactic Nuclei. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 25.	3.0	0
2560	A full relativistic thin disc – the physics of the plunging region and the value of the stress at the ISCO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5025-5045.	1.6	3
2561	Kerr metric Killing bundles. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	6
2562	Flux variability from ejecta in structured relativistic jets with large-scale magnetic fields. <i>Astronomy and Astrophysics</i> , 2021, 647, A77.	2.1	10
2563	How to distinguish an actual astrophysical magnetized black hole mimicker from a true (theoretical) black hole. <i>Astrophysics and Space Science</i> , 2021, 366, 1.	0.5	0
2564	Computational general relativistic force-free electrodynamics. <i>Astronomy and Astrophysics</i> , 2021, 647, A57.	2.1	8
2565	A ring accelerator? Unusual jet dynamics in the IceCube candidate PKS 1502+106. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3145-3178.	1.6	16
2566	Black Hole Glimmer Signatures of Mass, Spin, and Inclination. <i>Astrophysical Journal</i> , 2021, 909, 217.	1.6	22
2567	Blandford-Znajek jets in galaxy formation simulations: method and implementation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3619-3650.	1.6	26

#	ARTICLE	IF	CITATIONS
2568	A Broadband View on Microquasar MAXI J1820+070 during the 2018 Outburst. <i>Astrophysical Journal</i> , 2021, 910, 21.	1.6	11
2569	Relativistic tidal accelerations in the exterior Schwarzschild spacetime. <i>Physical Review D</i> , 2021, 103, .	1.6	0
2570	The origins and impact of outflow from super-Eddington flow. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 450-466.	1.0	21
2571	Accretion Geometry in the Hard State of the Black Hole X-Ray Binary MAXI J1820+070. <i>Astrophysical Journal Letters</i> , 2021, 909, L9.	3.0	40
2572	Jet collimation in NGC 315 and other nearby AGN. <i>Astronomy and Astrophysics</i> , 2021, 647, A67.	2.1	32
2573	The Large-scale Magnetic Field Advected in the Corona of a Thin Accretion Disk. <i>Astrophysical Journal</i> , 2021, 909, 158.	1.6	8
2574	Correlations between $\hat{\nu}^3$ -ray luminosity and magnetization of the jet as well as relativistic electron injection power: cases for Mrk 421, 3C 454.3 and 3C 279. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2523-2538.	1.6	6
2575	Particle acceleration in radio galaxies with flickering jets: GeV electrons to ultrahigh energy cosmic rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5948-5964.	1.6	11
2576	Electromagnetic emission from a binary black hole merger remnant in plasma: Field alignment and plasma temperature. <i>Physical Review D</i> , 2021, 103, .	1.6	7
2577	Explaining temporal variations in the jet PA of the blazar OJ287 using its BBH central engine model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4400-4412.	1.6	28
2578	Jet Collimation and Acceleration in the Giant Radio Galaxy NGC 315. <i>Astrophysical Journal</i> , 2021, 909, 76.	1.6	25
2579	Cosmic Gamma Ray Bursts. <i>Acta Physica Polonica A</i> , 2021, 139, 273-276.	0.2	2
2580	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	3.0	67
2581	Computational general relativistic force-free electrodynamics. <i>Astronomy and Astrophysics</i> , 2021, 647, A58.	2.1	11
2582	Maxwell fields in boosted Kerr black holes. <i>Physical Review D</i> , 2021, 103, .	1.6	1
2583	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
2584	Big and Young Supermassive Black Holes in the Early Universe. <i>Galaxies</i> , 2021, 9, 23.	1.1	8
2585	Force-free magnetosphere attractors for near-horizon extreme and near-extreme limits of Kerr black hole. <i>Classical and Quantum Gravity</i> , 2021, 38, 075022.	1.5	5

#	ARTICLE	IF	CITATIONS
2586	A Jet-bases Emission Model of the EHT2017 Image of M87*. <i>Astrophysical Journal</i> , 2021, 909, 168.	1.6	12
2587	A Possible Kilonova Powered by Magnetic Wind from a Newborn Black Hole. <i>Astrophysical Journal</i> , 2021, 911, 97.	1.6	6
2588	Frequency and Time Dependence of Linear Polarization in Turbulent Jets of Blazars. <i>Galaxies</i> , 2021, 9, 27.	1.1	23
2589	Detectability of "Merger-nova" Emission from a Long-lived Magnetar in Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2021, 912, 14.	1.6	7
2590	Minidisk Dynamics in Accreting, Spinning Black Hole Binaries: Simulations in Full General Relativity. <i>Astrophysical Journal Letters</i> , 2021, 910, L26.	3.0	20
2591	Kinetic powers of the relativistic jets in Mrk 421 and Mrk 501. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 878-887.	1.6	4
2592	Intermittent mildly magnetized jets as the source of GRBs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3947-3955.	1.6	19
2593	Estimates of the Early Electromagnetic Emission from Compact Binary Mergers. <i>Astrophysical Journal</i> , 2021, 911, 87.	1.6	3
2594	Physical origin of the non-physical spin evolution of MAXI J1820A+070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2168-2180.	1.6	18
2595	Probing the innermost regions of AGN jets and their magnetic fields with RadioAstron. <i>Astronomy and Astrophysics</i> , 2021, 648, A82.	2.1	5
2596	Enhanced X-Ray Emission from the Most Radio-powerful Quasar in the Universe's First Billion Years. <i>Astrophysical Journal</i> , 2021, 911, 120.	1.6	17
2597	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
2598	Matter Density Distribution of General Relativistic Highly Magnetized Jets Driven by Black Holes. <i>Astrophysical Journal</i> , 2021, 911, 34.	1.6	5
2599	Jet properties of XTE J1752~223 during its 2009-2010 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4242-4251.	1.6	8
2600	Jet's Accretion System in the Nearby mJy Radio Galaxies. <i>Astrophysical Journal</i> , 2021, 911, 17.	1.6	10
2601	Post-merger Jets from Supermassive Black Hole Coalescences as Electromagnetic Counterparts of Gravitational Wave Emission. <i>Astrophysical Journal Letters</i> , 2021, 911, L15.	3.0	17
2602	Comments on magnetic black holes. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	43
2603	Multimessenger Binary Mergers Containing Neutron Stars: Gravitational Waves, Jets, and $\hat{1}^3$ -Ray Bursts. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	17

#	ARTICLE	IF	CITATIONS
2604	Multiwavelength study of the quiescent states of six brightest flat-spectrum radio quasars detected by <i>Fermi</i> -LAT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1103-1114.	1.6	14
2605	Relativistic Outflows from a GRMHD Mean-field Disk Dynamo. <i>Astrophysical Journal</i> , 2021, 911, 85.	1.6	9
2606	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
2607	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	3.0	56
2608	Black hole jets bent by magnetic fields. <i>Nature</i> , 2021, 593, 40-41.	13.7	0
2609	The jet collimation profile at high resolution in BL Lacertae. <i>Astronomy and Astrophysics</i> , 2021, 649, A153.	2.1	14
2610	Magneto-rotational instability in magnetically polarized discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4278-4288.	1.6	1
2611	The newborn black hole in GRB 191014C proves that it is alive. <i>Astronomy and Astrophysics</i> , 2021, 649, A75.	2.1	21
2612	The Powers of Relativistic Jets Depend on the Spin of Accreting Supermassive Black Holes. <i>Astrophysical Journal</i> , 2021, 913, 93.	1.6	20
2613	The high energy Universe at ultra-high resolution: the power and promise of X-ray interferometry. <i>Experimental Astronomy</i> , 2021, 51, 1081-1107.	1.6	14
2614	GRB 180418A: A Possibly Short Gamma-Ray Burst with a Wide-angle Outflow in a Faint Host Galaxy. <i>Astrophysical Journal</i> , 2021, 912, 95.	1.6	8
2615	Properties of ultralight bosons from heavy quasar spins via superradiance. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 007.	1.9	22
2616	Fast Magnetic Reconnection Structures in Poynting Flux-dominated Jets. <i>Astrophysical Journal</i> , 2021, 912, 109.	1.6	17
2617	Generating ultradense pair beams using 400 GeV protons. <i>Physical Review Research</i> , 2021, 3, .	1.6	17
2618	Jets, disc-winds, and oscillations in general relativistic, magnetically driven flows around black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3596-3615.	1.6	13
2619	Crystals of gauged solitons, force-free plasma, and resurgence. <i>Physical Review D</i> , 2021, 103, .	1.6	7
2620	From a locality-principle for new physics to image features of regular spinning black holes with disks. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 073.	1.9	32
2621	A marginally fast-cooling proton-synchrotron model for prompt GRBs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1367-1381.	1.6	12

#	ARTICLE	IF	CITATIONS
2622	Neutrino signal dependence on gamma-ray burst emission mechanism. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 034.	1.9	24
2623	THEZA: TeraHertz Exploration and Zooming-in for Astrophysics. <i>Experimental Astronomy</i> , 2021, 51, 559-594.	1.6	17
2624	Fully general relativistic magnetohydrodynamic simulations of accretion flows onto spinning massive black hole binary mergers. <i>Physical Review D</i> , 2021, 103, .	1.6	11
2625	Neutrino propagation in winds around the central engine of sGRB. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4968-4980.	1.6	1
2626	Nonthermal processes in hot accretion flows onto supermassive black holes: An inhomogeneous model. <i>Astronomy and Astrophysics</i> , 2021, 649, A87.	2.1	10
2627	Multimessenger Signals from Black Hole–Neutron Star Mergers without Significant Tidal Disruption. <i>Astrophysical Journal Letters</i> , 2021, 912, L18.	3.0	15
2628	Compaction-driven black hole growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 172-190.	1.6	18
2629	Magnetized relativistic jets and helical magnetic fields. <i>Astronomy and Astrophysics</i> , 2021, 650, A60.	2.1	9
2630	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
2631	General relativistic rotational energy extraction from black holes-accretion disk systems. <i>Classical and Quantum Gravity</i> , 2021, 38, 145014.	1.5	14
2632	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
2633	Uniqueness of extremal isolated horizons and their identification with horizons of all type D black holes*. <i>Classical and Quantum Gravity</i> , 2021, 38, 135032.	1.5	4
2634	Particle diffusion and acceleration in magnetorotational instability turbulence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1128-1147.	1.6	6
2635	The Jet–disk Boundary Layer in Black Hole Accretion. <i>Astrophysical Journal</i> , 2021, 914, 55.	1.6	17
2636	The Role of Jet–Cocoon Mixing, Magnetization, and Shock Breakout in Neutrino and Cosmic-Ray Emission from Short Gamma-Ray Bursts. <i>Astrophysical Journal Letters</i> , 2021, 915, L4.	3.0	18
2637	Synthetic gamma-ray light curves of Kerr black hole magnetospheric activity from particle-in-cell simulations. <i>Astronomy and Astrophysics</i> , 2021, 650, A163.	2.1	27
2638	Numerical simulations of jets. <i>New Astronomy Reviews</i> , 2021, 92, 101610.	5.2	34
2639	Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. <i>Physical Review D</i> , 2021, 103, .	1.6	338

#	ARTICLE	IF	CITATIONS
2640	The non-null and force-free electromagnetic field. <i>Classical and Quantum Gravity</i> , 2021, 38, 145018.	1.5	1
2641	Charged particle motion around a magnetized Reissner-Nordström black hole. <i>Physical Review D</i> , 2021, 103, .	1.6	27
2642	Relativistic fluid dynamics: physics for many different scales. <i>Living Reviews in Relativity</i> , 2021, 24, 1.	8.2	34
2643	Quasi-isometric embedding of Kerr poloidal submanifolds. <i>Classical and Quantum Gravity</i> , 2021, 38, 145030.	1.5	1
2644	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
2645	Pinpointing the jet apex of 3C 84. <i>Astronomy and Astrophysics</i> , 2021, 650, L18.	2.1	9
2646	Black hole parameter estimation with synthetic very long baseline interferometry data from the ground and from space. <i>Astronomy and Astrophysics</i> , 2021, 650, A56.	2.1	18
2647	Polarized light shows hot gas swirling around a galactic core. <i>Physics Today</i> , 2021, 74, 16-18.	0.3	0
2648	The content of astrophysical jets. <i>Astronomische Nachrichten</i> , 2021, 342, 727-734.	0.6	6
2649	Potential origin of the state-dependent high-energy tail in the black hole microquasar Cygnus X-1 as seen with INTEGRAL. <i>Astronomy and Astrophysics</i> , 2021, 650, A93.	2.1	13
2650	The evolution of binary neutron star post-merger remnants: a review. <i>General Relativity and Gravitation</i> , 2021, 53, 1.	0.7	50
2651	AGN jets and winds in polarized light: the case of Mrk 231. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2550-2561.	1.6	6
2652	Radio signals from early direct collapse black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5606-5618.	1.6	1
2653	Slow black hole accretion drives mass loss. <i>Nature Astronomy</i> , 2021, 5, 873-874.	4.2	0
2654	An Observational Signature of Sub-equipartition Magnetic Fields in the Spectra of Black Hole Binaries. <i>Astrophysical Journal</i> , 2021, 916, 63.	1.6	3
2655	RadioAstron reveals a spine-sheath jet structure in 3C 273. <i>Astronomy and Astrophysics</i> , 2021, 654, A27.	2.1	11
2656	High-Frequency Polarization Variability from Active Galactic Nuclei. <i>Galaxies</i> , 2021, 9, 51.	1.1	0
2657	A Dyson sphere around a black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1723-1732.	1.6	8

#	ARTICLE	IF	CITATIONS
2658	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	4.2	65
2659	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
2660	Extreme relativistic reflection in the active galaxy ESO 033-G002. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1557-1572.	1.6	5
2661	The radio loudness of SDSS quasars from the LOFAR Two-metre Sky Survey: ubiquitous jet activity and constraints on star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5888-5907.	1.6	28
2662	Introducing the NEWHORIZON simulation: Galaxy properties with resolved internal dynamics across cosmic time. <i>Astronomy and Astrophysics</i> , 2021, 651, A109.	2.1	88
2663	Convex X-ray spectra of PKS 2155-304 and constraints on the minimum electron energy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3996-4006.	1.6	1
2664	A new radio census of neutron star X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3899-3922.	1.6	37
2665	Energy Injection Driven by Precessing Jets in Gamma-Ray Burst Afterglows. <i>Astrophysical Journal</i> , 2021, 916, 71.	1.6	9
2666	Magnetic Hair and Reconnection in Black Hole Magnetospheres. <i>Physical Review Letters</i> , 2021, 127, 055101.	2.9	40
2667	Accretion-modified Stars in Accretion Disks of Active Galactic Nuclei: Gravitational-wave Bursts and Electromagnetic Counterparts from Merging Stellar Black Hole Binaries. <i>Astrophysical Journal Letters</i> , 2021, 916, L17.	3.0	26
2668	Constraining properties of GRB central engines with X-ray flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1047-1054.	1.6	4
2669	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
2670	The origin of X-ray emission in 3CRR sources: Hints from mid-infrared <i>Spitzer</i> observations. <i>Astronomy and Astrophysics</i> , 2021, 654, A141.	2.1	2
2671	Is the EHT black hole experiment a new experiment in the guise of an old experiment?. <i>Studies in History and Philosophy of Science Part A</i> , 2021, 88, 41-49.	0.6	1
2672	Spatial Variations of Magnetic Field along Active Galactic Nuclei Jets on Sub-parsec to Megaparsec Scales. <i>Astrophysical Journal</i> , 2021, 916, 95.	1.6	2
2673	Dynamics of particle near time conformal slowly rotating Kerr black hole. <i>Chinese Journal of Physics</i> , 2021, , .	2.0	1
2674	Possible evidence for a supermassive binary black hole in 3C454.3. <i>Astronomy and Astrophysics</i> , 2021, 653, A7.	2.1	4
2675	Toroidal magnetic fields in self-gravitating disks around black holes. <i>Physical Review D</i> , 2021, 104, .	1.6	2

#	ARTICLE	IF	CITATIONS
2676	Periodic Fast Radio Bursts from Luminous X-ray Binaries. <i>Astrophysical Journal</i> , 2021, 917, 13.	1.6	55
2677	Kilonova Emission from Black Hole–Neutron Star Mergers. II. Luminosity Function and Implications for Target-of-opportunity Observations of Gravitational-wave Triggers and Blind Searches. <i>Astrophysical Journal</i> , 2021, 917, 24.	1.6	30
2678	Strong gravitational lens image of the M87 black hole with a simple accreting matter model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5974-5990.	1.6	7
2679	Magnetic fields in the accretion disks for various inner boundary conditions. <i>Astronomy and Astrophysics</i> , 2021, 652, A38.	2.1	12
2680	Inherent and Local Magnetic Field Structures in Jets from Active Galactic Nuclei. <i>Galaxies</i> , 2021, 9, 58.	1.1	13
2681	Outflows in the radio-intermediate quasar III Zw 2: a polarization study with the EVLA and uGMRT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 991-1001.	1.6	12
2682	Shadows and lensing of black holes immersed in strong magnetic fields. <i>Physical Review D</i> , 2021, 104, .	1.6	39
2683	Stellar Transits across a Magnetized Accretion Torus as a Mechanism for Plasmoid Ejection. <i>Astrophysical Journal</i> , 2021, 917, 43.	1.6	36
2684	Scaling of Turbulent Viscosity and Resistivity: Extracting a Scale-dependent Turbulent Magnetic Prandtl Number. <i>Astrophysical Journal Letters</i> , 2021, 917, L3.	3.0	5
2685	Backreaction of mass and angular momentum accretion on black holes: General formulation of metric perturbations and application to the Blandford–Znajek process. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	1.8	7
2686	Estimating the Black Hole Spin for the X-Ray Binary MAXI J1820+070. <i>Astrophysical Journal</i> , 2021, 916, 108.	1.6	23
2687	Modeling the motion of a bright spot in jets from black holes M87* and SgrA*. <i>General Relativity and Gravitation</i> , 2021, 53, 1.	0.7	4
2688	From electrons to Janskys: Full Stokes polarized radiative transfer in 3D relativistic particle-in-cell jet simulations. <i>Astronomy and Astrophysics</i> , 2021, 653, A10.	2.1	1
2689	Structure, dynamics and quantum chaos in atoms and molecules under strong magnetic fields. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100112.	1.3	4
2690	Electrically charged black holes and the Blandford–Znajek mechanism. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2798-2805.	1.6	18
2691	Science with the TianQin Observatory: Preliminary results on testing the no-hair theorem with extreme mass ratio inspirals. <i>Physical Review D</i> , 2021, 104, .	1.6	18
2692	Can the Blandford–Znajek Mechanism Power Steady Jets?. <i>Astrophysical Journal Letters</i> , 2021, 918, L22.	3.0	16
2693	Clues on jet behavior from simultaneous radio-X-ray fits of GX 339-4. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	6

#	ARTICLE	IF	CITATIONS
2694	Nature of the ultrarelativistic prompt emission phase of GRB 190114C. <i>Physical Review D</i> , 2021, 104, .	1.6	13
2695	Investigating the evolution of PKS 1144+379: Comparison of VLBI and scintillation techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
2696	Observational Constraints on Black Hole Spin. <i>Annual Review of Astronomy and Astrophysics</i> , 2021, 59, 117-154.	8.1	101
2697	Supermassive stars with random transverse magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 1481-1500.	1.6	1
2698	XMM-Newton spectrum of the radio-loud quasar 3C 215: Slim accretion disk or SMBH binary. <i>Astronomy and Astrophysics</i> , 2021, 653, A100.	2.1	1
2699	General relativistic radiation transport: implications for VLBI/EHT observations of AGN discs, winds, and jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4933-4952.	1.6	2
2700	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
2701	Probing Strong-Field QED with Doppler-Boosted Petawatt-Class Lasers. <i>Physical Review Letters</i> , 2021, 127, 114801.	2.9	24
2702	Magnetospheres of black hole-neutron star binaries. <i>Physical Review D</i> , 2021, 104, .	1.6	13
2703	The Study of X-Ray Flux Variability of M87. <i>Astrophysical Journal</i> , 2021, 919, 110.	1.6	1
2704	Radiation GRMHD simulations of M87: funnel properties and prospects for gap acceleration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4864-4878.	1.6	11
2705	Investigating possible unification of Seyfert galaxies and blazars in Fermi Large Area Telescope sample. <i>Astronomische Nachrichten</i> , 2021, 342, 1024.	0.6	1
2706	Fundamental physics using the temporal gravitational wave background. <i>Physical Review D</i> , 2021, 104, .	1.6	11
2707	Ultra-delayed Neutrino-driven Explosion of Rotating Massive-star Collapse. <i>Astrophysical Journal</i> , 2021, 919, 80.	1.6	17
2708	Wet extreme mass ratio inspirals may be more common for spaceborne gravitational wave detection. <i>Physical Review D</i> , 2021, 104, .	1.6	27
2709	Dynamics of electrostatic waves in relativistic electron-positron-ion degenerate plasma. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	0
2710	Detection of a parsec-scale jet in a radio-quiet narrow-line Seyfert 1 galaxy with highly accreting supermassive black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1305-1313.	1.6	14
2711	A Global Numerical Model of the Prompt Emission in Short Gamma-ray Bursts. <i>Astrophysical Journal</i> , 2021, 918, 59.	1.6	20

#	ARTICLE	IF	CITATIONS
2712	No-hair theorem in the wake of Event Horizon Telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 028.	1.9	56
2713	Ray-tracing in relativistic jet simulations: A polarimetric study of magnetic field morphology and electron scaling relations. <i>Astronomy and Astrophysics</i> , 2021, 656, A143.	2.1	11
2714	Pair-regulated Kleinâ€Nishina relativistic magnetic reconnection with applications to blazars and accreting black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4532-4572.	1.6	12
2715	Operator lifetime and the force-free electrodynamic limit of magnetised holographic plasma. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	4
2716	Stellar-mass Black Hole Spin Measurements and its Implementation. <i>Journal of Physics: Conference Series</i> , 2021, 2012, 012108.	0.3	0
2717	Luminosity of accretion disks in compact objects with a quadrupole. <i>Physical Review D</i> , 2021, 104, .	1.6	14
2718	Test the growth models of black hole by jointing LIGO and Insight-HXMT observations. <i>Journal of High Energy Astrophysics</i> , 2021, 32, 6-10.	2.4	0
2719	Acceleration of the highâ€energy protons in an active galactic nuclei. <i>Astronomische Nachrichten</i> , 2021, 342, 182-185.	0.6	1
2720	LeMMINGs III. The <i>e-</i> MERLIN legacy survey of the Palomar sample: exploring the origin of nuclear radio emission in active and inactive galaxies through the [Oâ€%<sc>iii</sc>] â€ radio connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2019-2038.	1.6	14
2721	Accretion-to-jet energy conversion efficiency in GW170817. <i>Astronomy and Astrophysics</i> , 2021, 645, A93.	2.1	13
2722	Influence of flow thickness on general relativistic low angular momentum accretion around spinning black holes. <i>Physical Review D</i> , 2021, 103, .	1.6	2
2723	Giant X-Ray and Optical Bump in GRBs: Evidence for Fallback Accretion Model. <i>Astrophysical Journal</i> , 2021, 906, 60.	1.6	9
2724	Analytical Solution of Magnetically Dominated Astrophysical Jets and Winds: Jet Launching, Acceleration, and Collimation. <i>Astrophysical Journal</i> , 2021, 906, 105.	1.6	32
2725	3D magnetized jet break-out from neutron-star binary merger ejecta: afterglow emission from the jet and the ejecta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1843-1855.	1.6	35
2729	Hydrodynamics near the central engine. , 1976, , 369-383.		7
2730	Variability in accreting black holes. , 1986, , 229-241.		3
2731	Quasars and Their Host Galaxies. , 2006, , 195-211.		4
2732	Physical Processes in Active Galactic Nuclei. , 1990, , 161-275.		40

#	ARTICLE	IF	CITATIONS
2733	SN1998bw and Hypernovae. Lecture Notes in Physics, 2003, , 243-281.	0.3	11
2734	Gamma-Ray Bursts: The Underlying Model. Lecture Notes in Physics, 2003, , 393-418.	0.3	39
2735	Jet Formation and Collimation. , 2002, , 41-70.		13
2736	Flares in accretion disks. , 1995, , 135-158.		10
2737	Hypernovae and Other Black-Hole-Forming Supernovae. Astrophysics and Space Science Library, 2004, , 277-325.	1.0	47
2738	The Collapsar Engine for GRBS and Hypernovae. Astrophysics and Space Science Library, 2004, , 327-355.	1.0	4
2739	Explosion Mechanisms of Massive Stars. Astrophysics and Space Science Library, 2004, , 65-97.	1.0	6
2740	Theory of Disk Accretion onto Supermassive Black Holes. Astrophysics and Space Science Library, 2004, , 89-126.	1.0	5
2741	Magnetic Fields in Astrophysical Jets: From Launch to Termination. Space Sciences Series of ISSI, 2012, , 325-370.	0.0	1
2742	Particle Acceleration in Relativistic Outflows. Space Sciences Series of ISSI, 2012, , 309-339.	0.0	1
2743	X-Ray Spectroscopy of Cosmic Sources. NATO ASI Series Series B: Physics, 1995, , 169-203.	0.2	6
2744	Three Little Pieces for Computer and Relativity. , 2014, , 391-425.		1
2745	Energy Extraction from Spinning Black Holes Via Relativistic Jets. , 2014, , 523-535.		15
2746	Relativistic Jets in Stellar Systems. Astrophysics and Space Science Library, 2015, , 25-44.	1.0	1
2747	Theory of Relativistic Jets. Astrophysics and Space Science Library, 2015, , 177-205.	1.0	9
2749	Black Hole Superradiance in Astrophysics. Lecture Notes in Physics, 2015, , 157-211.	0.3	2
2750	Progenitors. , 2009, , 385-476.		1
2751	Active Galactic Nuclei at the Crossroads of Astrophysics. , 2007, , 147-162.		6

#	ARTICLE	IF	CITATIONS
2752	Measuring Spacetime: From Big Bang to Black Holes. Lecture Notes in Physics, 0, , 169-189.	0.3	4
2753	General Relativistic MHD Jets. Lecture Notes in Physics, 2010, , 265-287.	0.3	10
2754	From Multiwavelength to Mass Scaling: Accretion and Ejection in Microquasars and AGN. Lecture Notes in Physics, 2010, , 143-172.	0.3	19
2755	Sources of GeV Photons and the Fermi Results. Saas-Fee Advanced Course, 2013, , 225-355.	1.1	8
2756	Magnetic Fields, Black Holes and Accretion Disks. , 1987, , 194-202.		2
2757	Hydromagnetic Disk Winds in AGN: The YSO Connection. , 1992, , 459-469.		2
2758	Physical Processes in Active Galactic Nuclei. , 1990, , 161-275.		11
2759	Magnetohydrodynamics of Rotating Black Holes. , 1998, , 82-119.		6
2760	Astronomy at the Frontiers of Science. Issues in Agroecology, 2011, , .	0.1	1
2761	Evolution of Astrophysics: Stars, Galaxies, Dark Matter, and Particle Acceleration. , 2012, , 71-102.		1
2762	Supernovae and Gamma-Ray Bursts. , 2013, , 693-733.		4
2763	Stationary Relativistic MHD Flows. , 1996, , 699-725.		19
2764	QSO Luminosity Functions and Evolution. , 1989, , 1-24.		1
2765	Physics of the Central Engine. , 1989, , 141-153.		1
2766	Accretion Disk Magnetohydrodynamics and the Origin of Jets. , 1989, , 35-57.		29
2767	Jets and Magnetic Fields. Astrophysics and Space Science Library, 1989, , 117-128.	1.0	3
2768	Black Holes in our Galaxy. , 1987, , 279-296.		1
2769	Particle Acceleration in Astrophysical jets. , 1987, , 223-236.		5

#	ARTICLE	IF	CITATIONS
2770	The Possible Mechanism of the Formation of the Hard Spectrum of Active Galactic Nuclei. Astrophysics and Space Science Library, 1986, , 149-171.	1.0	2
2771	Accretion Disk Electrodynamics. , 1985, , 453-469.		6
2772	Ultra-High Energy Cosmic Ray Production by Current Disruption in Active Galactic Nuclei. , 1985, , 471-473.		1
2773	Black Hole " Driven Hydromagnetic Flows. Astrophysics and Space Science Library, 1983, , 201-213.	1.0	25
2774	Nuclei of Galaxies: The Origin of Plasma Beams. , 1981, , 139-164.		11
2775	Emission from the Nuclei of Nearby Galaxies: Evidence for Massive Black Holes?. , 1978, , 237-244.		7
2776	Energy Flow in The Universe. , 2001, , 283-293.		4
2777	Physical Processes for X-Ray Emission in Galactic Nuclei. , 1981, , 87-99.		3
2778	Cosmical Magnetism. , 1994, , 181-211.		4
2779	The Physics of Disk Winds. , 1991, , 539-564.		29
2780	Accreting Black Holes. , 2020, , 15-54.		6
2781	Confirming the spin parameter of the black hole in Cygnus X-1 using the Insight-HXMT. Journal of High Energy Astrophysics, 2020, 27, 53-63.	2.4	10
2784	Physics and fate of jet-related emission line regions. , 2010, , 183-193.		4
2787	Spectral ageing analysis and dynamical analysis of the double-double radio galaxy J1548"3216. Astronomy and Astrophysics, 2010, 510, A84.	2.1	26
2788	The mass function of nearby black hole candidates. Astronomy and Astrophysics, 2010, 521, A55.	2.1	29
2789	TeV gamma ray opacity in PKS 2155-304. Astronomy and Astrophysics, 2011, 526, A61.	2.1	2
2790	AGILE detection of intense ¹³ -ray activity from the blazar PKS"0537"441 in October 2008. Astronomy and Astrophysics, 2010, 522, A109.	2.1	7
2791	Coupled jet-disk model for Sagittarius A*: explaining the flat-spectrum radio core with GRMHD simulations of jets. Astronomy and Astrophysics, 2013, 559, L3.	2.1	97

#	ARTICLE	IF	CITATIONS
2792	Particle-in-cell simulation study of the interaction between a relativistically moving leptonic micro-cloud and ambient electrons. <i>Astronomy and Astrophysics</i> , 2015, 577, A137.	2.1	3
2793	Probing the radio loud/quiet AGN dichotomy with quasar clustering. <i>Astronomy and Astrophysics</i> , 2017, 600, A97.	2.1	31
2794	First 3 α mm-VLBI imaging of the two-sided jet in Cygnus A. <i>Astronomy and Astrophysics</i> , 2016, 588, L9.	2.1	44
2795	The MURALES survey. <i>Astronomy and Astrophysics</i> , 2018, 619, A83.	2.1	7
2796	Orientation of the crescent image of M 87*. <i>Astronomy and Astrophysics</i> , 2020, 634, A38.	2.1	11
2797	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
2798	Two-temperature solutions and emergent spectra from relativistic accretion discs around black holes. <i>Astronomy and Astrophysics</i> , 2020, 642, A209.	2.1	13
2799	Mechanical feedback effects on primordial black hole accretion. <i>Astronomy and Astrophysics</i> , 2020, 638, A132.	2.1	11
2800	SDSS J211852.96 $\hat{\sim}$ 073227.5: The first non-local, interacting, late-type intermediate Seyfert galaxy with relativistic jets. <i>Astronomy and Astrophysics</i> , 2020, 636, L12.	2.1	16
2801	Search and analysis of giant radio galaxies with associated nuclei (SAGAN). <i>Astronomy and Astrophysics</i> , 2020, 642, A153.	2.1	42
2802	Magnetically driven superluminal motion from rotating black holes. <i>Astronomy and Astrophysics</i> , 2001, 369, 308-322.	2.1	30
2803	On black hole masses, radio-loudness and bulge luminosities of Seyfert galaxies. <i>Astronomy and Astrophysics</i> , 2001, 380, 31-39.	2.1	22
2804	Coalescing neutron stars -A step towards physical models. <i>Astronomy and Astrophysics</i> , 2001, 380, 544-577.	2.1	112
2805	Baryonic pollution in gamma-ray bursts: The case of a magnetically driven wind emitted from a disk orbiting a stellar mass black hole. <i>Astronomy and Astrophysics</i> , 2002, 388, 189-201.	2.1	16
2806	Kerr black holes and time profiles of gamma ray bursts. <i>Astronomy and Astrophysics</i> , 2002, 393, L15-L19.	2.1	9
2807	Relativistic outflows from remnants of compact object mergers and their viability for short gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2005, 436, 273-311.	2.1	206
2808	Magnetic collimation of the relativistic jet in M $\hat{\sim}$ 87. <i>Astronomy and Astrophysics</i> , 2005, 442, L7-L10.	2.1	20
2809	An explanation of the Z-track sources. <i>Astronomy and Astrophysics</i> , 2006, 460, 233-244.	2.1	34

#	ARTICLE	IF	CITATIONS
2810	A model of the light curves of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2007, 468, 563-569.	2.1	37
2811	On the existence of a reverse shock in magnetized gamma-ray burst ejecta. <i>Astronomy and Astrophysics</i> , 2008, 478, 747-753.	2.1	52
2812	A simplified model of jet power from active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2008, 482, 1-8.	2.1	6
2813	Des Vents et des Jets Astrophysiques. <i>Annales De Physique</i> , 1994, 19, 459-599.	0.2	3
2814	Iron Fluorescence from within the Innermost Stable Orbit of Black Hole Accretion Disks. <i>Astrophysical Journal</i> , 1997, 488, 109-118.	1.6	187
2815	Central Engines of Active Galactic Nuclei: Properties of Collimated Outflows and Applications for Cosmology. <i>Astrophysical Journal</i> , 1998, 493, 536-546.	1.6	25
2816	Collimation of Highly Variable Magnetohydrodynamic Disturbances around a Rotating Black Hole. <i>Astrophysical Journal</i> , 1998, 500, 632-641.	1.6	1
2817	Minimum Torque and Minimum Dissipation Black Hole-Driven Winds. <i>Astrophysical Journal</i> , 1998, 506, 790-804.	1.6	9
2818	The Hard X-Ray to Gamma-Ray Spectrum in the EGRET Active Galactic Nuclei. <i>Astrophysical Journal</i> , 1998, 508, 601-607.	1.6	1
2819	Collisional Stellar Dynamics around Massive Black Holes in Active Galactic Nuclei. <i>Astrophysical Journal</i> , 1999, 514, 725-745.	1.6	28
2820	What Is the Accretion Rate in NGC 4258?. <i>Astrophysical Journal</i> , 1999, 516, 177-186.	1.6	84
2821	Can Precessing Jets Explain the Light Curves of Gamma-Ray Bursts?. <i>Astrophysical Journal</i> , 1999, 520, 666-679.	1.6	37
2822	A Magnetically Switched, Rotating Black Hole Model for the Production of Extragalactic Radio Jets and the Fanaroff and Riley Class Division. <i>Astrophysical Journal</i> , 1999, 522, 753-766.	1.6	181
2823	Abundance and Evolution of Radio-loud Quasars in Cold Dark Matter Cosmology. <i>Astrophysical Journal</i> , 1999, 526, 555-559.	1.6	1
2824	Magnetocentrifugal Launching of Jets from Accretion Disks. I. Cold Axisymmetric Flows. <i>Astrophysical Journal</i> , 1999, 526, 631-642.	1.6	165
2825	The Peculiar Type Ic Supernova 1997ef: Another Hypernova. <i>Astrophysical Journal</i> , 2000, 534, 660-669.	1.6	162
2826	General Relativistic Simulations of Early Jet Formation in a Rapidly Rotating Black Hole Magnetosphere. <i>Astrophysical Journal</i> , 2000, 536, 668-674.	1.6	132
2827	Hard X-Ray Spectra of Broad-Line Radio Galaxies from the Rossi X-Ray Timing Explorer. <i>Astrophysical Journal</i> , 2000, 537, 654-666.	1.6	76

#	ARTICLE	IF	CITATIONS
2828	Toward a Model for the Progenitors of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2000, 538, 187-191.	1.6	89
2829	Gamma-Ray Binaries: Stable Mass Transfer from a Neutron Star to a Black Hole. <i>Astrophysical Journal</i> , 1998, 503, L53-L56.	1.6	22
2830	On the Radio-to-X-Ray Light Curves of SN 1998[CLC] and GRB 980425. <i>Astrophysical Journal</i> , 1999, 512, L47-L50.	1.6	17
2831	The Evolution of the BL Lacertae Objects. <i>Astrophysical Journal</i> , 1999, 516, L9-L12.	1.6	11
2832	Shading and Smothering of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 1999, 521, L117-L120.	1.6	42
2833	A Novel Mechanism for the Formation of Electron-Positron Outflow from Hot Accretion Disks. <i>Astrophysical Journal</i> , 1999, 523, L21-L24.	1.6	15
2834	Sagittarius A* Polarization: No Advection-dominated Accretion Flow, Low Accretion Rate, and Nonthermal Synchrotron Emission. <i>Astrophysical Journal</i> , 2000, 538, L121-L124.	1.6	93
2835	Extracting Energy from a Black Hole through the Transition Region. <i>Astrophysical Journal</i> , 2000, 540, L17-L20.	1.6	13
2836	Gamma-Ray Cloud Quasars: A View with BEPPOSAX. <i>Astrophysical Journal</i> , 2000, 543, 535-544.	1.6	65
2837	On Black Hole Masses and Radio Loudness in Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2000, 543, L111-L114.	1.6	263
2838	Measuring the Brightness Temperature Distribution of Extragalactic Radio Sources with Space VLBI. <i>Astrophysical Journal</i> , 2001, 549, L55-L58.	1.6	31
2839	The Merger of a Helium Star and a Black Hole: Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2001, 550, 357-367.	1.6	75
2840	The Radio Luminosity-Black Hole Mass Correlation for Quasars from the FIRST Bright Quasar Survey and a Unification Scheme for Radio-loud and Radio-quiet Quasars. <i>Astrophysical Journal</i> , 2001, 551, L17-L21.	1.6	150
2841	Black Hole Magnetospheres around Thin Disks Driving Inward and Outward Winds. <i>Astrophysical Journal</i> , 2001, 552, 710-717.	1.6	22
2842	Explosive Nucleosynthesis in Hypernovae. <i>Astrophysical Journal</i> , 2001, 555, 880-899.	1.6	133
2843	Radiative Hydromagnetic Shocks in Relativistic Outflow Sources. <i>Astrophysical Journal</i> , 2001, 560, 145-159.	1.6	14
2844	An Evolutionary Scenario for Blazar Unification. <i>Astrophysical Journal</i> , 2002, 564, 86-91.	1.6	149
2845	Accretion Disk Torqued by a Black Hole. <i>Astrophysical Journal</i> , 2002, 567, 463-476.	1.6	84

#	ARTICLE	IF	CITATIONS
2846	Asymmetric Supernovae from Magnetocentrifugal Jets. <i>Astrophysical Journal</i> , 2002, 568, 807-819.	1.6	145
2847	Transmagnetosonic Accretion in a Black Hole Magnetosphere. <i>Astrophysical Journal</i> , 2002, 570, 264-276.	1.6	18
2848	The Blazar Main Sequence. <i>Astrophysical Journal</i> , 2002, 571, 226-233.	1.6	117
2849	Magnetohydrodynamic Shock Conditions for Accreting Plasma onto Kerr Black Holes. I. <i>Astrophysical Journal</i> , 2002, 572, 950-961.	1.6	26
2850	Evidence of Spin and Energy Extraction in a Galactic Black Hole Candidate: The [ITAL]XMM-Newton[/ITAL]/EPIC-[CLC]pn[/CLC] Spectrum of XTE J1650âˆ’500. <i>Astrophysical Journal</i> , 2002, 570, L69-L73.	1.6	189
2851	Searching for the Physical Drivers of Eigenvector 1: From Quasars to Nanoquasars. <i>Astrophysical Journal</i> , 2002, 571, L77-L80.	1.6	31
2852	A Study of 3CR Radio Galaxies from [ITAL][CLC]z[/CLC] to [ITAL]â€‰=â€‰0.15 to [ITAL][CLC]z[/CLC] to [ITAL]â€‰=â€‰0.65. II. Evidence for an Evolving Radio Structure. <i>Astronomical Journal</i> , 2002, 124, 1239-1257.	1.9	14
2853	Radio/X-Ray Luminosity Relation for X-Rayâ€‘Bright Galactic Nuclei: Implications for Weighing Supermassive Black Holes. <i>Astronomical Journal</i> , 2002, 124, 1948-1953.	1.9	6
2854	The Accretion Rates and Spectral Energy Distributions of BL Lacertae Objects. <i>Astrophysical Journal</i> , 2002, 579, 554-559.	1.6	36
2855	Forceâ€‘free Waves and Black Hole Magnetospheric Causality. <i>Astrophysical Journal</i> , 2003, 583, 842-852.	1.6	15
2856	Gravitational Radiation from Gammaâ€‘Ray Burst Progenitors. <i>Astrophysical Journal</i> , 2003, 589, 861-870.	1.6	102
2857	Relativistic Acceleration of Magnetically Driven Jets. <i>Astrophysical Journal</i> , 2003, 592, 321-331.	1.6	26
2858	Poynting Fluxâ€‘dominated Jets in Decreasingâ€‘Density Atmospheres. I. The Nonrelativistic Currentâ€‘driven Kink Instability and the Formation of â€‘Wiggledâ€‘Structures. <i>Astrophysical Journal</i> , 2004, 617, 123-154.	1.6	91
2859	Magnetically Driven Accretion Flows in the Kerr Metric. IV. Dynamical Properties of the Inner Disk. <i>Astrophysical Journal</i> , 2005, 622, 1008-1023.	1.6	130
2860	Spitzer Reveals Hidden Quasar Nuclei in Some Powerful FR II Radio Galaxies. <i>Astrophysical Journal</i> , 2006, 647, 161-171.	1.6	134
2861	Trapping of Magnetic Flux by the Plunge Region of a Black Hole Accretion Disk. <i>Astrophysical Journal</i> , 2006, 651, 1023-1030.	1.6	61
2862	A New Population of Highâ€‘Redshift Shortâ€‘Duration Gammaâ€‘Ray Bursts. <i>Astrophysical Journal</i> , 2007, 664, 1000-1010.	1.6	145
2863	The Variable Warm Absorber in Circinus Xâ€‘1. <i>Astrophysical Journal</i> , 2008, 672, 1091-1102.	1.6	25

#	ARTICLE	IF	CITATIONS
2864	Multifrequency Polarimetry of the NRAO 140 Jet: Possible Detection of a Helical Magnetic Field and Constraints on Its Pitch Angle. <i>Astrophysical Journal</i> , 2008, 682, 798-802.	1.6	35
2865	THREE-DIMENSIONAL SIMULATIONS OF VERTICAL MAGNETIC FLUX IN THE IMMEDIATE VICINITY OF BLACK HOLES. <i>Astrophysical Journal</i> , 2009, 704, 1065-1085.	1.6	30
2866	X-RAY POINT SOURCES AND RADIO GALAXIES IN CLUSTERS OF GALAXIES. <i>Astrophysical Journal</i> , 2009, 705, 854-867.	1.6	29
2867	TRANSPORT OF LARGE-SCALE POLOIDAL FLUX IN BLACK HOLE ACCRETION. <i>Astrophysical Journal</i> , 2009, 707, 428-445.	1.6	135
2868	Force-free electrodynamics and foliations in an arbitrary spacetime. <i>Classical and Quantum Gravity</i> , 2020, 37, 245006.	1.5	3
2869	The null and force-free electromagnetic field. <i>Classical and Quantum Gravity</i> , 2021, 38, 045011.	1.5	2
2870	Moving away from the near-horizon attractor of the extreme Kerr force-free magnetosphere. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 048-048.	1.9	7
2871	Inference on disk-jet connection of MAXI J1836-194 from spectral analysis with the TCAF solution. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 028.	0.7	16
2873	A new lepto-hadronic model applied to the first simultaneous multiwavelength data set for Cygnus X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2112-2126.	1.6	24
2874	Correlating spectral and timing properties in the evolving jet of the microblazar MAXI J1836-194. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5910-5926.	1.6	13
2875	The disc-jet symbiosis emerges: modelling the emission of Sagittarius A* with electron thermodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3604-3619.	1.6	102
2877	Black hole-neutron star coalescence: Effects of the neutron star spin on jet launching and dynamical ejecta mass. <i>Physical Review D</i> , 2020, 102, .	1.6	15
2878	Charged particle motion around non-singular black holes in conformal gravity in the presence of external magnetic field. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	19
2879	Magnetized particle motion around magnetized Schwarzschild-MOG black hole. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	34
2880	Numerical Simulations of Black Hole Accretion Flows. <i>Supercomputing Frontiers and Innovations</i> , 2018, 5, .	0.5	5
2881	Jet Formation in MHD Simulations. , 2009, , .		1
2889	Particle Acceleration Driven by Null Electromagnetic Fields Near a Kerr Black Hole. <i>Universe</i> , 2021, 7, 1.	0.9	2
2890	ON THE IMPORTANCE OF VERY LIGHT INTERNALLY SUBSONIC AGN JETS IN RADIO-MODE AGN FEEDBACK. <i>Astrophysical Journal</i> , 2016, 826, 17.	1.6	26

#	ARTICLE	IF	CITATIONS
2891	STELLAR TIDAL DISRUPTION EVENTS BY DIRECT-COLLAPSE BLACK HOLES. <i>Astrophysical Journal</i> , 2016, 826, 80.	1.6	15
2892	HIGH ENERGY NEUTRINOS PRODUCED IN THE ACCRETION DISKS BY NEUTRONS FROM NUCLEI DISINTEGRATED IN THE AGN JETS. <i>Astrophysical Journal</i> , 2016, 833, 279.	1.6	2
2893	Triggering and Delivery Algorithms for AGN Feedback. <i>Astrophysical Journal</i> , 2017, 841, 133.	1.6	48
2894	The ALMA Discovery of the Rotating Disk and Fast Outflow of Cold Molecular Gas in NGC 1275. <i>Astrophysical Journal</i> , 2019, 883, 193.	1.6	46
2895	Dust Formation in AGN Winds. <i>Astrophysical Journal</i> , 2019, 885, 126.	1.6	11
2896	Properties of Trans-fast Magnetosonic Jets in Black Hole Magnetospheres. <i>Astrophysical Journal</i> , 2020, 892, 37.	1.6	15
2897	Choked Accretion onto a Schwarzschild Black Hole: A Hydrodynamical Jet-launching Mechanism. <i>Astrophysical Journal</i> , 2020, 893, 81.	1.6	8
2898	ALMA Polarimetry Measures Magnetically Aligned Dust Grains in the Torus of NGC 1068. <i>Astrophysical Journal</i> , 2020, 893, 33.	1.6	21
2899	Circular Polarization from Inhomogeneous Synchrotron Sources. <i>Astrophysical Journal</i> , 2020, 894, 47.	1.6	1
2900	GRB 111209A/SN 2011kl: Collapse of a Supramassive Magnetar with r-mode Oscillation and Fallback Accretion onto a Newborn Black Hole. <i>Astrophysical Journal</i> , 2020, 895, 46.	1.6	4
2901	A Machine Learning-based Source Property Inference for Compact Binary Mergers. <i>Astrophysical Journal</i> , 2020, 896, 54.	1.6	28
2902	The Second Plateau in X-Ray Afterglow Providing Additional Evidence for Rapidly Spinning Magnetars as the GRB Central Engine. <i>Astrophysical Journal</i> , 2020, 896, 42.	1.6	10
2903	Gap-type Particle Acceleration in the Magnetospheres of Rotating Supermassive Black Holes. <i>Astrophysical Journal</i> , 2020, 895, 99.	1.6	11
2904	Cosmological Evolution of Flat-spectrum Radio Quasars Based on the Swift/BAT 105 Month Catalog and Their Contribution to the Cosmic MeV Gamma-Ray Background Radiation. <i>Astrophysical Journal</i> , 2020, 896, 172.	1.6	8
2905	Kilonova Emission from Black Hole–Neutron Star Mergers. I. Viewing-angle-dependent Lightcurves. <i>Astrophysical Journal</i> , 2020, 897, 20.	1.6	37
2906	Broadband X-Ray Observation of Broad-line Radio Galaxy 3C 109. <i>Astrophysical Journal</i> , 2020, 897, 47.	1.6	2
2907	Physical Implications of the Subthreshold GRB GBM-190816 and Its Associated Subthreshold Gravitational-wave Event. <i>Astrophysical Journal</i> , 2020, 899, 60.	1.6	11
2908	Jet Properties of Compact Steep-spectrum Sources and an Eddington-ratio-driven Unification Scheme of Jet Radiation in Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2020, 899, 2.	1.6	15

#	ARTICLE	IF	CITATIONS
2909	Comprehensive Multimessenger Modeling of the Extreme Blazar 3HSP J095507.9+355101 and Predictions for IceCube. <i>Astrophysical Journal</i> , 2020, 899, 113.	1.6	27
2910	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
2911	Magnetic Reconnection and Hot Spot Formation in Black Hole Accretion Disks. <i>Astrophysical Journal</i> , 2020, 900, 100.	1.6	113
2912	A Numerical Scheme for General Relativistic Radiation Magnetohydrodynamics Based on Solving a Grid-based Boltzmann Equation. <i>Astrophysical Journal</i> , 2020, 901, 96.	1.6	11
2913	Spectral Variability of the Blazar 3C 279 in the Optical to X-Ray Band during 2009–2018. <i>Astrophysical Journal</i> , 2020, 902, 2.	1.6	5
2914	Comprehensive Analysis of Magnetospheric Gaps around Kerr Black Holes Using 1D GRPIC Simulations. <i>Astrophysical Journal</i> , 2020, 902, 80.	1.6	25
2915	Radio Activity of Supermassive Black Holes with Extremely High Accretion Rates. <i>Astrophysical Journal</i> , 2020, 904, 200.	1.6	22
2916	X-Ray Constraints on the Spectral Energy Distribution of the $z=5.18$ Blazar SDSS J013127.34+032100.1. <i>Astrophysical Journal</i> , 2020, 904, 27.	1.6	3
2917	Hadronic High-energy Emission from Magnetically Arrested Disks in Radio Galaxies. <i>Astrophysical Journal</i> , 2020, 905, 178.	1.6	13
2918	Deterministic Aspect of the γ -Ray Variability in Blazars. <i>Astrophysical Journal</i> , 2020, 905, 160.	1.6	6
2919	NEUTRON-STAR MERGER EJECTA AS OBSTACLES TO NEUTRINO-POWERED JETS OF GAMMA-RAY BURSTS. <i>Astrophysical Journal Letters</i> , 2016, 816, L30.	3.0	119
2920	The Persistent Radio Jet Coupled to Hard X-Rays in the Soft State of Cyg X-1. <i>Astrophysical Journal Letters</i> , 2020, 894, L18.	3.0	8
2921	Physical Conditions and Particle Acceleration in the Kiloparsec Jet of Centaurus A. <i>Astrophysical Journal Letters</i> , 2020, 901, L27.	3.0	3
2922	Special Supernova Signature from BH–NS/BH Progenitor Systems. <i>Astrophysical Journal Letters</i> , 2020, 902, L37.	3.0	2
2923	The role of dipolar magnetic field of AGN in the morphology and evolution of extragalactic radio sources. <i>Communications of the Byurakan Astrophysical Observatory</i> , 0, , 8-19.	0.0	1
2924	INTRINSIC BRIGHTNESS TEMPERATURES OF COMPACT RADIO JETS AS A FUNCTION OF FREQUENCY. <i>Journal of the Korean Astronomical Society</i> , 2014, 47, 303-309.	1.5	6
2925	PAGAN II: THE EVOLUTION OF AGN JETS ON SUB-PARSEC SCALES. <i>Journal of the Korean Astronomical Society</i> , 2015, 48, 299-311.	1.5	8
2926	KEY SCIENCE OBSERVATIONS OF AGNs WITH THE KaVA ARRAY. <i>Publications of the Korean Astronomical Society</i> , 2015, 30, 633-636.	0.1	5

#	ARTICLE	IF	CITATIONS
2927	A persistent double nuclear structure in 3C 84. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1024-1035.	1.6	5
2928	Neutrino-dominated Accretion Flows: A Second Nucleosynthesis Factory in Core-collapse Supernovae and Regulating the Iron Markets in Galaxies. Astrophysical Journal, 2021, 920, 5.	1.6	4
2929	Large optical modulations during 2018 outburst of MAXI J1820+070 reveal evolution of warped accretion disc through X-ray state change. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1062-1074.	1.6	11
2930	The Origin of Radio Emission in Black Hole X-ray Binaries. Galaxies, 2021, 9, 78.	1.1	3
2931	Evolution patterns of the peak energy in the GRB prompt emission. Astronomy and Astrophysics, 2021, 656, A134.	2.1	6
2932	Parabolic jet shape on parsec scales in high redshift AGN. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1899-1911.	1.6	4
2933	Penrose process for a charged black hole in a uniform magnetic field. Physical Review D, 2021, 104, .	1.6	8
2934	Multiwavelength View of the M87 Black Hole Captured by the Event Horizon Telescope. Research Notes of the AAS, 2021, 5, 221.	0.3	0
2935	Algorithms and radiation dynamics for the vicinity of black holes. I. Methods and codes. Astronomy and Astrophysics, 0, , .	2.1	1
2936	Neutrino absorption and other physics dependencies in neutrino-cooled black hole accretion discs. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1377-1412.	1.6	52
2937	A laser-like plasma platform for photon-photon physics: the two photon Breit-Wheeler process. New Journal of Physics, 2021, 23, 115006.	1.2	11
2938	Properties of Very Broad Line MgII Radio-Loud and Radio-Quiet Quasars. Galaxies, 2021, 9, 74.	1.1	2
2939	Forecast for cosmological parameter estimation with gravitational-wave standard sirens from the LISA-Taiji network. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	2.0	30
2940	The intra-day optical monitoring of BL Lacertae object 1ES 1218+304 at its highest X-ray flux level. Research in Astronomy and Astrophysics, 2021, 21, 197.	0.7	2
2941	Differentiating short gamma-ray bursts progenitors through multi-MeV neutrinos. Journal of High Energy Astrophysics, 2021, 32, 87-101.	2.4	1
2942	Effect of perfect fluid dark matter on particle motion around a static black hole immersed in an external magnetic field. Physics of the Dark Universe, 2021, 34, 100891.	1.8	15
2943	What Do γ -Ray Bursts Look Like?. Astrophysics and Space Science Library, 2000, , 355-368.	1.0	0
2944	Effects of the Blandford-Znajek Process on Evolution of Radial Structure of Black Hole Accretion Disks. Astrophysics and Space Science Library, 2000, , 243-248.	1.0	0

#	ARTICLE	IF	CITATIONS
2945	Energy and Radiation Mechanisms of Gamma-Ray Bursts. Astrophysics and Space Science Library, 2000, , 369-378.	1.0	0
2946	Jets from Young Stars and Compact Objects Environments. , 2001, , 225-234.		0
2947	Gamma-Ray Bursts. Astronomy and Astrophysics Library, 2001, , 367-396.	0.2	0
2948	Origin and Physics of the Highest Energy Particles in the Universe. , 2001, , 515-537.		2
2949	Relativistic Jet Formation in Microquasars. , 2001, , 245-254.		0
2950	The Continuous Jets of Cygnus X-1. , 2001, , 255-258.		0
2951	Challenges of the Highest Energy Events Observed. , 2001, , 505-522.		0
2952	Gamma-ray bursts. , 2001, , 499-528.		0
2953	Microquasars: Open Questions and Future Perspectives. , 2001, , 319-333.		0
2954	Active Galactic Nuclei and the Properties of Supermassive Black Holes. , 2002, , 141-150.		0
2955	From Ttauri Stars to Black Holes: Classical and Relativistic Models of Jets. , 2003, , 241-244.		0
2957	MASSIVE BLACK HOLE EVOLUTION IN RADIO-LOUD ACTIVE GALACTIC NUCLEI. Journal of the Korean Astronomical Society, 2003, 36, 177-187.	1.5	1
2958	White Dwarfs and Neutron Stars. , 2004, , 363-417.		0
2959	Theoretical overview on high-energy emission in microquasars. , 2007, , 321-331.		0
2960	Models for Microquasars. , 2007, , .		0
2961	MHD simulations of accretion disks and jets: strengths&limitations. , 2008, , 111-118.		0
2962	An RMHD study of transition between prompt and afterglow GRB phases. , 2008, , .		0
2963	General Properties of Jets from Active Galactic Nuclei and Comparison with Protostellar Jets. Thirty Years of Astronomical Discovery With UKIRT, 2009, , 273-281.	0.3	0

#	ARTICLE	IF	CITATIONS
2965	Jets from Collapsing Stars. Thirty Years of Astronomical Discovery With UKIRT, 2009, , 559-561.	0.3	0
2966	Final Stages of Stellar Evolution. Astronomy and Astrophysics Library, 2010, , 221-348.	0.2	0
2967	Gravitational Wave Astronomy. Issues in Agroecology, 2011, , 87-106.	0.1	0
2968	A Magnetic Model for Low/Hard States Associated with Jets in Black Hole X-Ray Binaries. International Journal of Astronomy and Astrophysics, 2012, 02, 156-166.	0.2	0
2971	Astrophysical Black Holes: Evidence of a Horizon?. Lecture Notes in Physics, 2013, , 399-436.	0.3	0
2972	Measuring Black Hole Spin Using X-Ray Reflection Spectroscopy. Space Sciences Series of ISSI, 2013, , 277-294.	0.0	0
2973	Current Status of Simulations. Space Sciences Series of ISSI, 2013, , 87-100.	0.0	0
2975	Black Holes and Neutron Stars. , 2013, , 613-652.		1
2976	Active Galactic Nuclei. , 2013, , 305-386.		0
2977	Energetic and Broad Band Spectral Distribution of Emission from Astronomical Jets. Space Sciences Series of ISSI, 2013, , 371-403.	0.0	0
2978	13 Cosmic Particle Accelerators. , 2013, , 611-637.		0
2980	A Kinetic-Theory Description of Fluids. , 2013, , 68-132.		0
2981	Numerical Relativistic Hydrodynamics: High-Order Methods. , 2013, , 459-490.		0
2982	Numerical Relativistic Hydrodynamics: Finite-Difference Methods. , 2013, , 386-413.		0
2983	Relativistic Perfect Fluids. , 2013, , 133-189.		0
2984	Numerical Relativistic Hydrodynamics: HRSC Methods. , 2013, , 414-458.		0
2985	Relativistic Hydrodynamics of Selfgravitating Fluids. , 2013, , 593-658.		0
2986	Linear and Nonlinear Hydrodynamic Waves. , 2013, , 190-257.		0

#	ARTICLE	IF	CITATIONS
2987	A Brief Review of General Relativity. , 2013, , 2-67.		1
2988	Formulations of the Einsteinâ€Euler Equations. , 2013, , 318-385.		0
2989	Reaction Fronts: Detonations and Deflagrations. , 2013, , 258-284.		0
2990	Relativistic Non-Perfect Fluids. , 2013, , 285-316.		0
2991	Relativistic Hydrodynamics of Non-Selfgravitating Fluids. , 2013, , 492-592.		0
2992	Jets. Lecture Notes in Physics, 2014, , 161-222.	0.3	0
2993	An Overview of Jets and Outflows in Stellar Mass Black Holes. Space Sciences Series of ISSI, 2014, , 323-337.	0.0	0
2994	Hair of Astrophysical Black Holes. Springer Proceedings in Physics, 2014, , 393-398.	0.1	0
2995	The Astrophysical Signatures of Black Holes: The Horizon, The ISCO, The Ergosphere and The Light Circle. , 2014, , 501-522.		0
2996	Black Hole Physics. Lecture Notes in Physics, 2014, , 73-97.	0.3	0
2997	X-Ray Emission from Galactic Nuclei. , 1980, , 339-354.		1
2998	The Active Region in Galactic Nuclei: An Outline. , 1980, , 663-666.		0
2999	Active Galactic Nuclei and Particle Acceleration in Accretion Disks Around Massive Black Holes. , 1982, , 323-345.		0
3000	The Nature of the Energy Source in Radio Galaxies and Active Galactic Nuclei. , 1982, , 247-253.		0
3001	The Nature of the Energy Source in Radio Galaxies and Active Galactic Nuclei. , 1982, , 247-253.		1
3002	Formation, Equilibrium and Stability of Jets. , 1985, , 85-94.		1
3003	Some Theoretical Aspects of AGNs. Astrophysics and Space Science Library, 1986, , 447-457.	1.0	1
3004	The Revived Penrose Process can Power the Central Engine in Active Galactic Nuclei. , 1986, , 395-398.		0

#	ARTICLE	IF	CITATIONS
3005	Mechanisms for Outflow in AGNs. Astrophysics and Space Science Library, 1988, , 163-176.	1.0	0
3007	Magnetic Fields in the Central Engines of Active Galactic Nuclei. Astrophysics and Space Science Library, 1989, , 255-265.	1.0	0
3008	Conference Summary: Active Galactic Nuclei. Astrophysics and Space Science Library, 1989, , 283-287.	1.0	0
3009	High Redshift Quasars in the Cold Dark Matter Cosmology. , 1989, , 147-152.		0
3010	Magnetic Flares in Close Binaries. , 1990, , 761-803.		2
3012	Nonlinear Expansion Triggered by Magnetic Stress in Accretion Flow onto a Black Hole. , 1993, , 109-111.		0
3014	Magnetized Accretion Disks Driving Jets. , 1994, , 249-252.		0
3015	Testing the Central Engines in AGNs. , 1998, , 453-454.		0
3016	Radio Observations of Active Galactic Nuclei: Evidence for Disks and Black Holes. Astrophysics and Space Science Library, 1999, , 247-264.	1.0	0
3019	A Cosmic Battery around Black Holes. Astrophysics and Space Science Library, 2015, , 227-244.	1.0	1
3020	Spherical Black Holes. , 2014, , 19-75.		0
3022	Sources of the Ultra-High Energy Cosmic Rays. Open Journal of Modern Physics, 2015, 2015, 1-10.	0.3	0
3023	GRAVITATIONAL COLLAPSE OF STARS AND THE METHODS OF ITS OBSERVATIONS. Odessa Astronomical Publications, 2015, 28, 21-29.	0.2	0
3024	Evidence for Two-Component Jet in Sw J1644+57. , 2015, , .		0
3025	ACTIVE GALACTIC NUCLEUS INTERACTION WITH THE HOT GAS ENVIRONMENT: UNDERSTANDING FROM THE RADIO AND X-RAY DATA. Publications of the Korean Astronomical Society, 2015, 30, 423-427.	0.1	0
3026	Black Hole Observationsâ€”Towards the Event Horizon. Springer Proceedings in Physics, 2016, , 15-22.	0.1	0
3027	Andere Teilgebiete der Physik im Rahmen der SRT. , 2016, , 67-80.		0
3028	Vierervektoren und Vierertensoren. , 2016, , 41-52.		0

#	ARTICLE	IF	CITATIONS
3029	Das Wirkungsprinzip der ART. , 2016, , 197-208.		0
3030	Gamma-Ray Bursts and Population III Stars. Space Sciences Series of ISSI, 2016, , 161-182.	0.0	0
3031	Relativistische Punktmechanik. , 2016, , 53-66.		0
3032	Kugelsymmetrische Sternmodelle. , 2016, , 171-184.		0
3033	Die Schwarzschild-Lösung als Schwarzes Loch. , 2016, , 185-195.		0
3034	Present Status of Creating Relativistic Electron-Positron Plasmas. The Review of Laser Engineering, 2016, 44, 672.	0.0	0
3035	Der Minkowski-Raum – die Raumzeit der SRT. , 2016, , 11-25.		0
3037	Lorentz-Transformationen. , 2016, , 27-39.		0
3038	Die klassischen Effekte der ART. , 2016, , 153-169.		0
3039	Die rotierende Staubscheibe. , 2016, , 295-306.		0
3040	Present Status of Creating Relativistic Electron-Positron Plasmas. The Review of Laser Engineering, 2016, 44, 595.	0.0	0
3042	Rotierende und elektrisch geladene Schwarze Löcher. , 2016, , 259-294.		0
3044	The Anatomy of Galaxies. Astrophysics and Space Science Library, 2016, , 243-379.	1.0	1
3045	Disks and Jets. Space Sciences Series of ISSI, 2016, , 449-477.	0.0	0
3046	Magnetic Fields at Largest Universal Strengths: Overview. Space Sciences Series of ISSI, 2016, , 3-14.	0.0	0
3048	Mathematische Methoden. , 2016, , 219-257.		0
3049	Der Newtonsche Grenzfall. , 2016, , 135-142.		0
3050	Grundideen. , 2016, , 83-89.		0

#	ARTICLE	IF	CITATIONS
3051	Geometrie der Raumzeit. , 2016, , 91-106.		0
3052	A jet acceleration mechanism for the black hole disk system. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 039701.	0.2	0
3053	Thoughts on 50 Years in Astrophysics and Cosmology and on What Comes Next. Fundamental Theories of Physics, 2017, , 353-361.	0.1	0
3056	Relativistic Jets in Active Galactic Nuclei and Microquasars. Space Sciences Series of ISSI, 2017, , 5-61.	0.0	0
3057	Central accumulation of magnetic flux in massive Seyfert galaxies as a possible engine to trigger ultrahigh energy cosmic rays. Physical Review D, 2017, 96, .	1.6	2
3058	Disk-Jet Connection in Black Holes. Thirty Years of Astronomical Discovery With UKIRT, 2018, , 299-309.	0.3	0
3059	Microquasars, Binary Systems with Powerful Jets. Springer Theses, 2018, , 83-103.	0.0	0
3060	Transonic Flow Solutions with Explicit Cooling and Viscosity. Thirty Years of Astronomical Discovery With UKIRT, 2018, , 67-83.	0.3	0
3062	Knots in Relativistic Transverse Stratified Jets. Thirty Years of Astronomical Discovery With UKIRT, 2019, , 79-83.	0.3	0
3071	Rotating Black Holes. Lecture Notes in Physics, 2019, , 103-140.	0.3	0
3072	AGN Singularities and Jets Modelled with the Superstar Scenario. International Journal of Astronomy and Astrophysics, 2019, 09, 142-153.	0.2	0
3073	Black-hole jets begin to reveal their antimatter secrets. Nature, 0, , .	13.7	0
3075	Rotating Black Holes. , 2019, , 243-256.		0
3076	Energy and Matter in the Universe. , 2019, , 341-364.		0
3085	The Panchromatic Polarisation Signatures of Active Galactic Nuclei. Astrophysics and Space Science Library, 2019, , 363-389.	1.0	0
3093	The speed of light on the Earth and in the gravity-free space. Advanced Studies in Theoretical Physics, 0, , 241-252.	0.1	0
3095	BL Lacertae Objects: A Short Review. Communications of the Byurakan Astrophysical Observatory, 0, , 121-142.	0.0	0
3102	A necessary condition ensuring the strong hyperbolicity of first-order systems. Journal of Hyperbolic Differential Equations, 2019, 16, 193-221.	0.3	2

#	ARTICLE	IF	CITATIONS
3103	Astrophysical black holes. , 2019, , 1-22.		3
3104	Growth and feedback from the first black holes. , 2019, , 177-194.		1
3105	OPTICAL LUMINOSITY OF ACTIVE GALACTIC NUCLEI AND THE INTENSITY OF ITS HARD RADIATION I. Odessa Astronomical Publications, 2019, 32, 55-62.	0.2	0
3106	Broadband X-Ray Constraints on the Accreting Black Hole in Quasar 4C 74.26. Astrophysical Journal, 2019, 885, 62.	1.6	4
3107	Black Hole Superradiance in Astrophysics. Lecture Notes in Physics, 2020, , 199-265.	0.3	0
3108	Electric Penrose process: High-energy acceleration of ionized particles by nonrotating weakly charged black hole. Physical Review D, 2021, 104, .	1.6	14
3109	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). IV. Rapidly Growing (Super)Massive Black Holes in Extremely Radio-loud Galaxies. Astrophysical Journal, 2021, 921, 51.	1.6	8
3110	Gamma Rays and Neutrinos as Complementary Probes in Astrophysics. , 1983, , 51-56.		1
3111	Sources of Extragalactic Cosmic Rays: Photons and Neutrinos as Probes. , 1983, , 231-244.		2
3112	Acceleration of charged particles from near-extremal rotating black holes embedded in magnetic fields. Classical and Quantum Gravity, 2021, 38, 015007.	1.5	2
3113	Blazar jets launched with similar energy per baryon, independently of their power. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4092-4102.	1.6	3
3114	Apparent superluminal velocities and random walk in the velocity space. Modern Physics Letters A, 2021, 36, 2150017.	0.5	0
3115	Electro-magnetic energy extraction from rotating black holes in AdS. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
3116	The Emergence of the X-Ray Luminosity/Cluster Richness Relation for Radio Galaxies. Astrophysical Journal, 2020, 905, 156.	1.6	1
3117	Messengers of the Universe-Cosmic Rays Exploring Supermassive Black Holes. Galaxies, 2021, 9, 2.	1.1	0
3118	Jet opening angle and linear scale of launch region of blazars. Proceedings of the International Astronomical Union, 2019, 15, 320-322.	0.0	0
3120	Black hole magnetospheres in the Born-Infeld theory. International Journal of Modern Physics D, 2020, 29, 2050013.	0.9	0
3121	Black Holes and Superradiant Instabilities. Lecture Notes in Physics, 2020, , 107-198.	0.3	0

#	ARTICLE	IF	CITATIONS
3122	Extragalactic Radio Astronomy: Galaxy Classification, Active Galactic Nuclei, Superluminal Motion, Galaxy Clusters, and the Cosmic Microwave Background. Undergraduate Lecture Notes in Physics, 2020, , 269-321.	0.1	0
3123	Cosmic Particle Accelerators. , 2020, , 827-863.		0
3125	Weak Alfvénic turbulence in relativistic plasmas. Part 2. current sheets and dissipation. Journal of Plasma Physics, 2021, 87, .	0.7	13
3126	Penrose Process: Its Variants and Astrophysical Applications. Universe, 2021, 7, 416.	0.9	27
3127	The Gravitational-wave physics II: Progress. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	54
3128	Relativistic jet acceleration region in a black hole magnetosphere. Physical Review D, 2021, 104, .	1.6	3
3129	State-of-the-art energetic and morphological modelling of the launching site of the M87 jet. Nature Astronomy, 2022, 6, 103-108.	4.2	33
3131	GAMMA-RAY BURSTS AND THEIR CENTRAL ENGINES. , 2006, , 307-329.		0
3132	Stellar Explosion: From Supernovae to Gamma-Ray Bursts. , 2005, , 95-117.		0
3140	Theory of Gamma-Ray Burst Sources. , 2007, , 77-113.		0
3141	Gamma-ray Astrophysics - Before GLAST. , 2007, , 215-229.		0
3142	Les trous noirs en rotation. Lecture Notes in Physics Monographs, 1997, , 59-101.	0.5	0
3143	30 Years Blandford-Znajek Process “ Are Black Hole Jets Driven by the Ergosphere ? , 2007, , 422-427.		0
3145	String Mechanism for Relativistic Jet Formation. , 2007, , 434-436.		0
3146	Photon sphere and phase transition of d -dimensional ($d \geq 5$) charged Gauss-Bonnet AdS black holes. Communications in Theoretical Physics, 2020, 72, 105402.	1.1	5
3147	Effects of precession versus instabilities on the jets of GRS 1758+258. Astronomy and Astrophysics, 2020, 643, A150.	2.1	2
3148	Link between radio-loud AGNs and host-galaxy shape. Astronomy and Astrophysics, 2020, 644, A12.	2.1	8
3149	Black hole mass accretion rates and efficiency factors for over 750 AGN and multiple GBH. Monthly Notices of the Royal Astronomical Society, 2020, 500, 215-231.	1.6	3

#	ARTICLE	IF	CITATIONS
3150	Black hole spin evolution in warped accretion discs. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3719-3727.	1.6	7
3151	A study of radial self-similar non-relativistic MHD outflow models: parameter space exploration and application to the water fountain W43A. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2071-2090.	1.6	1
3152	Electromagnetic counterpart to gravitational waves from coalescence of binary black hole with magnetic monopole charge. International Journal of Modern Physics A, 2020, 35, 2050205.	0.5	0
3153	Electromagnetic Counterparts of Gravitational Waves in the Hz-kHz Range. , 2021, , 1-45.		0
3154	Ambilateral collimation study of the twin-jets in NGC 1052. Astronomy and Astrophysics, 2022, 658, A119.	2.1	11
3155	Particle-in-Cell Simulations of Astrophysical Relativistic Jets. Universe, 2021, 7, 450.	0.9	4
3156	Accretion mode and jet collimation in active galactic nuclei. Astronomische Nachrichten, 0, , .	0.6	0
3157	Point-wise Self-similar Solution for Spiral Shocks in an Accretion Disk with Mass Outflow in a Binary. Astrophysical Journal, 2021, 922, 120.	1.6	1
3158	Are Compton-thin AGNs Globally Compton Thin?. Astrophysical Journal, 2021, 922, 85.	1.6	4
3159	No Detectable Kilonova Counterpart is Expected for O3 Neutron Star-Black Hole Candidates. Astrophysical Journal, 2021, 921, 156.	1.6	33
3160	Jet propagation through inhomogeneous media and shock ionization. Astronomische Nachrichten, 2021, 342, 1171.	0.6	3
3161	Jet launching of M87. Nature Astronomy, 0, , .	4.2	1
3162	The PG-RQS survey. Building the radio spectral distribution of radio-quiet quasars. The 45-GHz data. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1043-1058.	1.6	10
3163	Confined Penrose process with charged particles. Physical Review D, 2021, 104, .	1.6	5
3164	Quasinormal modes of the Kerr-Newman black hole: GW150914 and fundamental physics implications. Physical Review D, 2021, 104, .	1.6	6
3165	Dark QED from inflation. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
3166	A Revised View of the Linear Polarization in the Subparsec Core of M87 at 7 mm. Astrophysical Journal, 2021, 922, 180.	1.6	5
3167	Giant Radio Quasars: Composite Optical Spectra. Astrophysical Journal, 2021, 922, 52.	1.6	4

#	ARTICLE	IF	CITATIONS
3168	Effects of radiative losses on the relativistic jets of high-mass microquasars. <i>Astronomy and Astrophysics</i> , 2022, 658, A100.	2.1	6
3169	The astrophysics of rotational energy extraction from a black hole. <i>Nature Astronomy</i> , 2021, 5, 1086-1088.	4.2	0
3170	Blandford-Znajek mechanism in the general stationary axially-symmetric black-hole spacetime. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 002.	1.9	16
3171	Photon emissions from near-horizon extremal and near-extremal Kerr equatorial emitters. <i>Physical Review D</i> , 2021, 104, .	1.6	4
3172	Massive Black-Hole Mergers. , 2021, , 1-33.		2
3173	Fe $\langle \text{scp} \rangle$ emission in active galactic nuclei. <i>Astronomische Nachrichten</i> , 2022, 343, .	0.6	9
3174	INDUCING INTRINSIC $\hat{\Gamma}^3$ -RAY EMISSION OF THE INTERSTELLAR MEDIUM BY INTENSE FLUXES OF PROTONS AND $\hat{\Gamma}^{\pm}$ -PARTICLES IN ACTIVE GALACTIC NUCLEI. <i>Odessa Astronomical Publications</i> , 2020, 33, 28-33.	0.2	0
3175	Implications of the Low-frequency Turnover in the Spectrum of Radio Knot C in DG Tau. <i>Astrophysical Journal</i> , 2021, 923, 61.	1.6	2
3176	The Origin and Evolution of Giant Radio Galaxies. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 8, .	1.1	1
3177	Relevance of photon-photon dispersion within the jet for blazar axionlike particle searches. <i>Physical Review D</i> , 2022, 105, .	1.6	5
3178	Magnetic reconnection and energy extraction from a spinning black hole with broken Lorentz symmetry. <i>Physical Review D</i> , 2022, 105, .	1.6	21
3179	The Relativistic Jet and Central Engine of Fermi Blazars. <i>Astrophysical Journal</i> , 2022, 925, 40.	1.6	16
3180	Anisotropic Multimessenger Signals from Black Hole Neutrino-dominated Accretion Flows with Outflows in Binary Compact Object Mergers. <i>Astrophysical Journal</i> , 2022, 925, 43.	1.6	11
3181	What really makes an accretion disc MAD. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2040-2051.	1.6	19
3182	Circumnuclear Dust in AP Librae and the Source of Its VHE Emission. <i>Astrophysical Journal</i> , 2022, 924, 57.	1.6	3
3183	Exploring the GRB population: robust afterglow modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2848-2867.	1.6	11
3184	Constraints on compact binary merger evolution from spin-orbit misalignment in gravitational-wave observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1454-1461.	1.6	18
3185	A unified accretion-ejection paradigm for black hole X-ray binaries. <i>Astronomy and Astrophysics</i> , 2022, 659, A194.	2.1	9

#	ARTICLE	IF	CITATIONS
3186	Axion string signatures: a cosmological plasma collider. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	14
3187	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
3188	Statistical Analyses of the Energies of X-Ray Plateaus and Flares in Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2022, 924, 69.	1.6	9
3189	Black Hole Flares: Ejection of Accreted Magnetic Flux through 3D Plasmoid-mediated Reconnection. <i>Astrophysical Journal Letters</i> , 2022, 924, L32.	3.0	86
3190	GRMHD Simulations and Modeling for Jet Formation and Acceleration Region in AGNs. <i>Universe</i> , 2022, 8, 85.	0.9	13
3191	Time-resolved spectroscopy on the heartbeat state of GRS 1915+105 using <i>AstroSat</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1841-1847.	1.6	8
3192	Black hole to breakout: 3D GRMHD simulations of collapsar jets reveal a wide range of transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4962-4975.	1.6	36
3193	PICSAR-QED: a Monte Carlo module to simulate strong-field quantum electrodynamics in particle-in-cell codes for exascale architectures. <i>New Journal of Physics</i> , 2022, 24, 025009.	1.2	6
3194	The Response of Black Hole Spark Gaps to External Changes: A Production Mechanism of Rapid TeV Flares?. <i>Astrophysical Journal</i> , 2022, 924, 28.	1.6	7
3195	The prototype X-ray binary GX 339+4: using TeV γ -rays to assess LMXBs as Galactic cosmic ray accelerators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5187-5198.	1.6	6
3196	Galactic and extragalactic sources of very high energy gamma rays. <i>European Physical Journal: Special Topics</i> , 2022, 231, 27-66.	1.2	4
3197	The Estimation of Fundamental Physics Parameters for Fermi-LAT Blazars. <i>Astrophysical Journal</i> , 2022, 925, 97.	1.6	11
3198	Central engine of the highest redshift blazar. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	6
3199	Relativistic X-Ray Reverberation from Super-Eddington Accretion Flow. <i>Astrophysical Journal</i> , 2022, 925, 151.	1.6	1
3200	Toward measuring the spin of obscured supermassive black holes. <i>Astronomy and Astrophysics</i> , 2022, 658, A68.	2.1	1
3201	The Dynamical Structure of the Outflows Driven by a Large-scale Magnetic Field. <i>Astrophysical Journal</i> , 2022, 926, 11.	1.6	3
3202	Jets in magnetically arrested hot accretion flows: geometry, power, and black hole spin-down. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3795-3813.	1.6	58
3203	Modelling the kinematics of the decelerating jets from the black hole X-ray binary MAXI J1348+630. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4826-4841.	1.6	11

#	ARTICLE	IF	CITATIONS
3204	Cooking pasta with Lie groups. Nuclear Physics B, 2022, 976, 115693.	0.9	8
3205	Jet Parameters in the Black Hole X-Ray Binary MAXI J1820+070. Astrophysical Journal, 2022, 925, 189.	1.6	15
3206	Are low-frequency quasi-periodic oscillations in accretion flows the disk response to jet instability?. Astronomy and Astrophysics, 2022, 660, A66.	2.1	9
3207	Blandford-Znajek process in quadratic gravity. Physical Review D, 2022, 105, .	1.6	8
3208	PKS 1424+240: yet another masquerading BL Lac object as a possible IceCube neutrino source. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4697-4701.	1.6	8
3209	Jet launching from merging magnetized binary neutron stars with realistic equations of state. Physical Review D, 2021, 104, .	1.6	7
3210	Finding Rare Quasars: VLA Snapshot Continuum Survey of FRI Quasar Candidates Selected from the LOFAR Two-Metre Sky Survey (LoTSS). Galaxies, 2022, 10, 2.	1.1	3
3211	Multi-Wavelength Study of a Proto-BCG at $z = 1.7$. Galaxies, 2021, 9, 115.	1.1	3
3212	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). VI. Distant Filamentary Structures Pointed Out by High- z Radio Galaxies at $z \gtrsim 4$. Astrophysical Journal, 2022, 926, 76.	1.6	5
3213	General Relativistic Magnetohydrodynamics Mean-Field Dynamics. Fluids, 2022, 7, 87.	0.8	5
3214	Absorption Features in Sub-TeV Gamma-Ray Spectra of BL Lac Objects. Astrophysical Journal, 2022, 926, 95.	1.6	2
3215	Effective description of non-equilibrium currents in cold magnetized plasma. SciPost Physics, 2022, 12, .	1.5	0
3216	Energy Extraction via Magnetic Reconnection in the Ergosphere of a Rotating Non-Kerr Black Hole. Astrophysical Journal, 2022, 925, 149.	1.6	6
3217	Conditions for Direct Black Hole Seed Collapse near a Radio-loud Quasar 1 Gyr after the Big Bang. Astrophysical Journal, 2022, 926, 114.	1.6	8
3218	Gamma-radiation sky maps from compact binaries. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 027.	1.9	0
3219	Impact of non-thermal particles on the spectral and structural properties of M87. Astronomy and Astrophysics, 2022, 660, A107.	2.1	26
3220	Constraints on Cosmic Ray Acceleration Capabilities of Black Holes in X-ray Binaries and Active Galactic Nuclei. Symmetry, 2022, 14, 482.	1.1	2
3221	Alfvénic superradiance for a monopole magnetosphere around a Kerr black hole. Physical Review D, 2022, 105, .	1.6	2

#	ARTICLE	IF	CITATIONS
3222	Gravitational analog of Faraday rotation in the magnetized Kerr and Reissner-Nordström spacetimes. <i>Physical Review D</i> , 2022, 105, .	1.6	12
3223	The Composition and Power of the Jet of the Broad-line Radio Galaxy 3C 120. <i>Astrophysical Journal Letters</i> , 2022, 928, L9.	3.0	8
3224	Chapter 3 Extra-galactic gamma-ray sources *. <i>Chinese Physics C</i> , 2022, 46, 030003.	1.5	5
3225	One-dimensional Force-free Numerical Simulations of Alfvén Waves around a Spinning Black String. <i>Astrophysical Journal</i> , 2022, 928, 84.	1.6	0
3226	Dual-high-frequency VLBI study of blazar-jet brightness-temperature gradients and collimation profiles. <i>Astronomy and Astrophysics</i> , 2022, 660, A1.	2.1	2
3227	Can Stellar-mass Black Hole Growth Disrupt Disks of Active Galactic Nuclei? The Role of Mechanical Feedback. <i>Astrophysical Journal</i> , 2022, 927, 41.	1.6	23
3228	Towards traversable wormholes from force-free plasmas. <i>SciPost Physics</i> , 2022, 12, .	1.5	3
3229	3D RMHD simulations of jet-wind interactions in high-mass X-ray binaries. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	7
3230	Dark fluxes from accreting black holes through several mechanisms. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	3
3231	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
3232	Radio-loud versus Radio-quiet Gamma-Ray Bursts: The Role of Binary Progenitors. <i>Astrophysical Journal</i> , 2022, 928, 104.	1.6	4
3233	Constraints on Kerr-Newman black holes from merger-ringdown gravitational-wave observations. <i>Physical Review D</i> , 2022, 105, .	1.6	21
3234	Physical model for the broadband energy spectrum of X-ray illuminated accretion discs: Fitting the spectral energy distribution of NGC 5548. <i>Astronomy and Astrophysics</i> , 2022, 661, A135.	2.1	14
3235	<scp>ExHaLe-jet</scp>: an extended hadro-leptonic jet model for blazars “ I. Code description and initial results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3948-3971.	1.6	6
3236	On the high-energy protons regular acceleration in the Fermi Bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
3237	Rapid X-ray variability in Mkn 421 during a multiwavelength campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1662-1679.	1.6	3
3238	Rotating neutron stars without light cylinders. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1947-1957.	1.6	2
3239	Long-term 3D MHD simulations of black hole accretion discs formed in neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2689-2707.	1.6	18

#	ARTICLE	IF	CITATIONS
3240	Minidisk Accretion onto Spinning Black Hole Binaries: Quasi-periodicities and Outflows. <i>Astrophysical Journal</i> , 2022, 928, 187.	1.6	15
3241	Cosmology and High-Energy Astrophysics: A 50-Year Perspective on Personalities, Progress, and Prospects. <i>Annual Review of Astronomy and Astrophysics</i> , 2022, 60, .	8.1	1
3242	A Channel to Form Fast-spinning Black Hole“Neutron Star Binary Mergers as Multimessenger Sources. <i>Astrophysical Journal</i> , 2022, 928, 163.	1.6	17
3243	Long-term multi-wavelength study of temporal and spectral properties of 3C 279. <i>Astroparticle Physics</i> , 2022, 139, 102687.	1.9	6
3244	Millisecond Magnetars. <i>Astrophysics and Space Science Library</i> , 2022, , 245-280.	1.0	5
3245	Nonthermal Radiation of the Extreme TeV Blazar 1ES 0229+200 from Electromagnetic Cascades on Infrared Photon Field. <i>Universe</i> , 2021, 7, 494.	0.9	2
3246	Determination of supermassive black hole spins in local active galactic nuclei. <i>Astronomische Nachrichten</i> , 0, , .	0.6	5
3247	Search and analysis of giant radio galaxies with associated nuclei (SAGAN). <i>Astronomy and Astrophysics</i> , 2022, 660, A59.	2.1	7
3248	Coalescence of black hole“neutron star binaries. <i>Living Reviews in Relativity</i> , 2021, 24, 1.	8.2	29
3249	Gamma-Ray Bursts: Multiwavelength Investigations and Models. <i>Astronomy Letters</i> , 2021, 47, 791-830.	0.1	4
3250	Magnetic field strengths of the synchrotron self-absorption region in the jet of CTA102 during radio flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 815-833.	1.6	6
3251	Long-term FR II jet evolution in dense environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 2084-2096.	1.6	13
3252	Is “dark energy” a quantum vacuum energy?. <i>Modern Physics Letters A</i> , 2021, 36, .	0.5	7
3253	Positron Effects on Polarized Images and Spectra from Jet and Accretion Flow Models of M87* and Sgr A*. <i>Astrophysical Journal</i> , 2021, 923, 272.	1.6	13
3254	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
3255	Probing the Innermost Regions of AGN Jets and Their Magnetic Fields with RadioAstron. V. Space and Ground Millimeter-VLBI Imaging of OJ 287. <i>Astrophysical Journal</i> , 2022, 924, 122.	1.6	23
3256	A study on Electrostatic Solitary Wave Structures In a Semiclassical Plasma. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3257	Generalized Lense-Thirring metrics: higher-curvature corrections and solutions with matter. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	3

#	ARTICLE	IF	CITATIONS
3258	PATOKA: Simulating Electromagnetic Observables of Black Hole Accretion. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 64.	3.0	25
3259	Revisiting Black Hole Hyperaccretion in the Center of Gamma-Ray Bursts for the Lower Mass Gap. <i>Astrophysical Journal</i> , 2022, 929, 83.	1.6	4
3260	Wakefield Acceleration in a Jet from a Neutrino-driven Accretion Flow around a Black Hole. <i>Astrophysical Journal</i> , 2022, 929, 42.	1.6	1
3261	A Relativistic Disk in Sagittarius A*. , 0, , 475-481.		0
3262	Relativistic global solutions of neutrino-dominated accretion flows with magnetic coupling. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
3263	Eigenvalue repulsions in the quasinormal spectra of the Kerr-Newman black hole. <i>Physical Review D</i> , 2022, 105, .	1.6	15
3264	âœ“æœ“çfâ¼4€â±•âššâ¼jâ¼2jâ©æ–†â¼çš,,ç”ç©¶è¼›â±•. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2022, ,0.2		1
3265	Effects of tidal charge on magnetic reconnection and energy extraction from spinning braneworld black hole. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 050.	1.9	9
3266	Spinning black holes magnetically connected to a Keplerian disk. <i>Astronomy and Astrophysics</i> , 2022, 663, A169.	2.1	10
3267	The Formation of Intermediate-mass Black Holes in Galactic Nuclei. <i>Astrophysical Journal Letters</i> , 2022, 929, L22.	3.0	26
3268	Properties of the accretion disc, jet and disc-wind around Kerr black hole. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, 1.	0.4	3
3269	Misaligned Spinning Binary Black Hole Mergers in Hot Magnetized Plasma. <i>Astrophysical Journal Letters</i> , 2022, 930, L1.	3.0	10
3270	Magnetization of Relativistic Current-carrying Jets with Radial Velocity Shear. <i>Astrophysical Journal</i> , 2022, 929, 181.	1.6	1
3271	Are astrophysical âœ“blackâœ“holes leaky?. <i>International Journal of Modern Physics D</i> , 2022, 31, .	0.9	4
3272	Charged fluid nonconducting toroidal structures orbiting a Schwarzschild black hole immersed in a split-monopole magnetic field. <i>Physical Review D</i> , 2022, 105, .	1.6	1
3273	The science case and challenges of space-borne sub-millimeter interferometry. <i>Acta Astronautica</i> , 2022, 196, 314-333.	1.7	15
3274	Kinematics of Parsec-scale Jets of Gamma-Ray Blazars at 43 GHz during 10 yr of the VLBA-BU-BLAZAR Program. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 12.	3.0	40
3275	First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L16.	3.0	187

#	ARTICLE	IF	CITATIONS
3276	Jet launching from binary neutron star mergers: Incorporating neutrino transport and magnetic fields. <i>Physical Review D</i> , 2022, 105, .	1.6	16
3277	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
3278	On LGRB progenitors: An approach from thermally-produced neutrinos. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 217-228.	2.4	0
3279	Is there a trade-off relation between efficiency and power in a collisional Penrose process in an extreme Reissner-Nordström spacetime?. <i>Physical Review D</i> , 2022, 105, .	1.6	0
3280	Investigating the Diskâ€“Jet Structure in M87 through Flux Separation in the Linear and Circular Polarization Images. <i>Astrophysical Journal</i> , 2022, 931, 25.	1.6	4
3281	The Effect of Supernova Convection On Neutron Star and Black Hole Masses. <i>Astrophysical Journal</i> , 2022, 931, 94.	1.6	24
3282	GRB 210121A: Observation of Photospheric Emissions from Different Regimes and the Evolution of the Outflow. <i>Astrophysical Journal</i> , 2022, 931, 112.	1.6	4
3284	A <i>NuSTAR</i> and <i>Swift</i> view of the hard state of MAXI J1813âˆ’095. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1952-1960.	1.6	2
3285	Unraveling the Innermost Jet Structure of OJ 287 with the First GMVA + ALMA Observations. <i>Astrophysical Journal</i> , 2022, 932, 72.	1.6	12
3286	Explaining the â€“Outliersâ€™ Track in Black Hole X-ray Binaries with a BZ-Jet and Inner-Disk Coupling. <i>Universe</i> , 2022, 8, 333.	0.9	1
3287	A pure hadronic model description of the observed neutrino emission from the tidal disruption event AT2019dsg. <i>European Physical Journal C</i> , 2022, 82, .	1.4	0
3288	Resonant shattering flares in black hole-neutron star and binary neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5385-5402.	1.6	12
3289	Investigating the detection rates and inference of gravitational-wave and radio emission from black hole neutron star mergers. <i>Astronomy and Astrophysics</i> , 2022, 664, A160.	2.1	3
3290	Observational signatures of black hole accretion: rotating versus spherical flows with tilted magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1392-1403.	1.6	4
3291	Ergomagnetosphere, ejection disc, magnetopause in M87 â€“ 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
3292	Stripping Model for Short Gamma-Ray Bursts in Neutron Star Mergers. <i>Particles</i> , 2022, 5, 198-209.	0.5	8
3293	Thermal Conduction Effects on the Accretionâ€“Ejection Mechanism. <i>Outflow Process Investigation. Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
3294	Blandfordâ€“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

#	ARTICLE	IF	CITATIONS
3295	A simple analytical model of magnetic jets. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 515, L17-L22.	1.2	4
3296	Spin-induced scalarization and magnetic fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137227.	1.5	9
3297	Massive Black-Hole Mergers. , 2022, , 851-883.		0
3298	Electromagnetic Counterparts of Gravitational Waves in the Hz-kHz Range. , 2022, , 947-991.		0
3299	Jet Formation Mechanism of the Gamma-Ray-emitting Narrow-line Seyfert 1 Galaxies. Research in Astronomy and Astrophysics, 2022, 22, 095006.	0.7	1
3300	Black Hole to Photosphere: 3D GRMHD Simulations of Collapsars Reveal Wobbling and Hybrid Composition Jets. Astrophysical Journal Letters, 2022, 933, L9.	3.0	34
3301	On the problem of boundary conditions for mixed type equations arising in the description of astrophysical transonic flows. Physics-Uspekhi, 0, , .	0.8	0
3302	Curved Jet Motion. I. Orbiting and Precessing Jets. Astrophysical Journal, 2022, 933, 71.	1.6	1
3303	Exploring the disk-jet connection in NGC 315. Astronomy and Astrophysics, 2022, 664, A166.	2.1	6
3304	Constraining X-ray emission of a magnetically arrested disk by radio-loud AGNs with an extreme-ultraviolet deficit. Astronomy and Astrophysics, 2022, 663, L4.	2.1	0
3305	Eigenvalue repulsions and quasinormal mode spectra of Kerr-Newman: an extended study. Journal of High Energy Physics, 2022, 2022, .	1.6	11
3306	General-relativistic neutrino-radiation magnetohydrodynamic simulation of seconds-long black hole-neutron star mergers. Physical Review D, 2022, 106, .	1.6	40
3308	GRMHD simulations of accreting neutron stars with non-dipole fields. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3144-3161.	1.6	17
3309	Persistent mysteries of jet engines, formation, propagation, and particle acceleration: Have they been addressed experimentally?. New Astronomy Reviews, 2022, 95, 101661.	5.2	5
3310	Cosmic black holes “ from stellar to supermassive black holes in galaxies. Annalen Der Physik, 2006, 518, 60-74.	0.9	2
3311	Shapes of galaxies hosting radio-loud AGNs with z<0.1. Astronomy and Astrophysics, 2022, 665, A114.	2.1	2
3312	Determination of the Physical Parameters of AGNs in Seyfert 1 Galaxies LEDA 3095839 and VII Zw 244 Based on Spectropolarimetric Observations. Universe, 2022, 8, 383.	0.9	1
3313	The irreducible mass and the horizon area of LIGO's black holes. Classical and Quantum Gravity, 0, , .	1.5	2

#	ARTICLE	IF	CITATIONS
3314	GRB 211211A: a Prolonged Central Engine under a Strong Magnetic Field Environment. <i>Astrophysical Journal Letters</i> , 2022, 934, L12.	3.0	17
3315	Nucleosynthesis Contribution of Neutrino-dominated Accretion Flows to the Chemical Evolution of Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2022, 934, 1.	1.6	3
3316	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
3317	GRB Afterglow of the Sub-relativistic Materials with Energy Injection. <i>Astrophysical Journal</i> , 2022, 933, 243.	1.6	1
3318	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). VII. Redshift Evolution of Radio Galaxy Environments at $z = 0.3\text{--}1.4$. <i>Astrophysical Journal</i> , 2022, 934, 68.	1.6	5
3319	The relation between optical and $\hat{\Gamma}^3$ -ray emission in BL Lac sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4810-4827.	1.6	3
3320	Open-Source Radiative Modeling Tools for Extragalactic VHE Gamma-ray Sources. <i>Galaxies</i> , 2022, 10, 85.	1.1	0
3321	Efficiency of Penrose process in spacetime of axially symmetric magnetized Reissner-Nordström black hole. <i>Physical Review D</i> , 2022, 106, .	1.6	8
3322	Double flows anchored in a Kerr black hole horizon $\hat{\Gamma}^3$. I. Meridionally self-similar MHD models with loading terms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 3796-3817.	1.6	0
3323	Schwarzschild Black Hole Perturbed by a Force-Free Magnetic Field. <i>Foundations of Physics</i> , 2022, 52, .	0.6	1
3324	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
3325	Glimpses of violation of strong cosmic censorship in rotating black holes. <i>Physical Review D</i> , 2022, 106, .	1.6	6
3326	MIGHTEE: the nature of the radio-loud AGN population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 245-263.	1.6	12
3327	A blast from the infant Universe: The very high- z GRB 210905A. <i>Astronomy and Astrophysics</i> , 2022, 665, A125.	2.1	7
3328	Component of Energy Flow from Supercritical Accretion Disks Around Rotating Stellar Mass Black Holes. <i>Astrophysical Journal</i> , 2022, 935, 26.	1.6	5
3329	Modeling the Gamma-Ray Burst Jet Properties with 3D General Relativistic Simulations of Magnetically Arrested Accretion Flows. <i>Astrophysical Journal</i> , 2022, 935, 176.	1.6	1
3330	Jets, Disks and Winds from Spinning Black Holes: Nature or Nurture?. <i>Galaxies</i> , 2022, 10, 89.	1.1	2
3331	Radio dichotomy in quasars with $H\alpha$ FWHM greater than $15\text{‰}000\text{‰}km\text{‰}s^{-1}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 2824-2832.	1.6	1

#	ARTICLE	IF	CITATIONS
3332	Classification and Jet Power of Fermi Blazars. <i>Astrophysical Journal</i> , 2022, 935, 4.	1.6	9
3333	Spin-driven jet feedback in idealized simulations of galaxy groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 3750-3772.	1.6	13
3334	ALMA Detection of Parsec-scale Blobs at the Head of a Kiloparsec-scale Jet in the Nearby Seyfert Galaxy NGC 1068. <i>Astrophysical Journal Letters</i> , 2022, 936, L1.	3.0	4
3336	Feasibility study of observing γ -ray emission from high redshift blazars using the MACE telescope. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, .	0.4	2
3337	r-process Viable Outflows are Suppressed in Global Alpha-viscosity Models of Collapsar Disks. <i>Astrophysical Journal Letters</i> , 2022, 934, L30.	3.0	14
3338	The Photon Ring in M87*. <i>Astrophysical Journal</i> , 2022, 935, 61.	1.6	26
3339	Vortices in Black Holes. <i>Physical Review Letters</i> , 2022, 129, .	2.9	4
3340	Physical Origin of the Dark Spot in the First Image of Supermassive Black Hole SgrA*. <i>Astronomy</i> , 2022, 1, 93-98.	0.6	4
3341	Ladder operators and quasinormal modes in Bañados-Teitelboim-Zanelli black holes. <i>Physical Review D</i> , 2022, 106, .	1.6	2
3343	Resonant energization of particles by radio AGN. <i>Astronomy and Astrophysics</i> , 2022, 664, L14.	2.1	1
3344	Relativistic Magnetic Explosions. <i>Astrophysical Journal</i> , 2022, 934, 140.	1.6	3
3345	Accreting White Dwarfs. , 2022, , 1-45.		0
3346	Study of general relativistic magnetohydrodynamic accretion flow around black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 5092-5109.	1.6	5
3347	Long-duration Gamma-Ray Burst and Associated Kilonova Emission from Fast-spinning Black Hole–Neutron Star Mergers. <i>Astrophysical Journal Letters</i> , 2022, 936, L10.	3.0	20
3348	Bridging the Bondi and Event Horizon Scales: 3D GRMHD Simulations Reveal X-shaped Radio Galaxy Morphology. <i>Astrophysical Journal Letters</i> , 2022, 936, L5.	3.0	16
3349	The Structure of Gamma Ray Burst Jets. <i>Galaxies</i> , 2022, 10, 93.	1.1	11
3350	Jets from Accretion Disk Dynamos: Consistent Quenching Modes for Dynamo and Resistivity. <i>Astrophysical Journal</i> , 2022, 935, 22.	1.6	2
3351	Constraining the Hubble constant and its lower limit from the proper motion of extragalactic radio jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 447-457.	1.6	1

#	ARTICLE	IF	CITATIONS
3352	Large-scale magnetic fields enabling fitting of the high-frequency QPOs observed around supermassive black holes. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 1220-1233.	1.0	4
3353	Dynamical Unification of Tidal Disruption Events. <i>Astrophysical Journal Letters</i> , 2022, 937, L28.	3.0	12
3354	The road toward imaging a black hole: A personal perspective. <i>Natural Sciences</i> , 2022, 2, .	1.0	1
3355	Constraints on the merging binary neutron star mass distribution and equation of state based on the incidence of jets in the population. <i>Astronomy and Astrophysics</i> , 2022, 666, A174.	2.1	6
3356	Properties of MAXI J1348-630 during Its Second Outburst in 2019. <i>Galaxies</i> , 2022, 10, 95.	1.1	2
3357	Black Hole Hyperaccretion in Collapsars. III. GRB Timescale. <i>Astrophysical Journal</i> , 2022, 936, 182.	1.6	3
3358	Image of a Kerr-Melvin black hole with a thin accretion disk. <i>Physical Review D</i> , 2022, 106, .	1.6	13
3359	Motion of Particles around Time Conformal Dilaton Black Holes. <i>Symmetry</i> , 2022, 14, 2033.	1.1	0
3360	Multi-messenger Observations of Binary Neutron Star Mergers in the O4 Run. <i>Astrophysical Journal</i> , 2022, 937, 79.	1.6	31
3361	The structure of the ultrarelativistic prompt emission phase and the properties of the black hole in GRB 180720B. <i>European Physical Journal C</i> , 2022, 82, .	1.4	7
3362	Moderate correlation between the accretion disk and jet power in a large sample of Fermi blazars. <i>Physical Review D</i> , 2022, 106, .	1.6	2
3363	The jet formation mechanism of gamma-ray narrow-line Seyfert 1 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 1381-1388.	1.6	2
3364	Energy extraction via magnetic reconnection in Lorentz breaking Kerr–Sen and Kiselev black holes. <i>European Physical Journal C</i> , 2022, 82, .	1.4	13
3365	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
3366	Two-dimensional particle simulation of the boundary between a hot pair plasma and magnetized electrons and protons: Out-of-plane magnetic field. <i>Physics of Plasmas</i> , 2022, 29, .	0.7	3
3367	The origin of the photospheric emission of GRB 220426A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 2088-2102.	1.6	3
3368	Magnetically arrested accretion disks launching structured jets in application to GRB and AGN engines. <i>Astronomy and Astrophysics</i> , 2022, 668, A66.	2.1	2
3369	Observational signatures of Schwarzschild-MOG black holes in scalar-tensor-vector gravity: shadows and rings with different accretions. <i>European Physical Journal C</i> , 2022, 82, .	1.4	23

#	ARTICLE	IF	CITATIONS
3370	Large-scale outflow structure and radiation properties of super-Eddington flow: Dependence on the accretion rates. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 1378-1395.	1.0	6
3371	Simulated optical light curves of super-Eddington tidal disruption events with ZEBRA flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 6013-6021.	1.6	4
3372	Polarization Observations of AGN Jets: Past and Future. <i>Galaxies</i> , 2022, 10, 102.	1.1	5
3373	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
3374	Signatures of extra dimensions in black hole jets. <i>Physical Review D</i> , 2022, 106, .	1.6	1
3375	Modeling Nearby Low-Luminosity Active-Galactic-Nucleus Jet Images at All VLBI Scales. <i>Galaxies</i> , 2022, 10, 104.	1.1	0
3376	Quantum contribution to luminosity of quasars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 092.	1.9	2
3377	Transitions and Origin of the Type-B Quasi-periodic Oscillations in the Black Hole X-Ray Binary MAXI J1348â€“630. <i>Astrophysical Journal</i> , 2022, 938, 108.	1.6	11
3378	A multiwavelength study of multiple spectral component jets in AGN: testing the IC/CMB model for the large-scale-jet X-ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 3222-3250.	1.6	5
3379	Event horizon of a charged black hole binary merger. <i>Physical Review D</i> , 2022, 106, .	1.6	3
3380	Robust supermassive black hole spin mass-energy characteristics: a new method and results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 5144-5159.	1.6	2
3381	Bhjet: a public multizone, steady state jet + thermal corona spectral model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 5853-5881.	1.6	7
3382	Lepto-hadronic Jet-disk Model for the Multiwavelength SED of M87. <i>Astrophysical Journal</i> , 2022, 938, 79.	1.6	3
3383	Black Hole Hyperaccretion in Collapsars: A Review. <i>Universe</i> , 2022, 8, 529.	0.9	2
3384	Truncated accretion discs in black hole X-ray binaries: dynamics and variability signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 5032-5049.	1.6	3
3385	Diverse Polarimetric Features of AGN Jets from Various Viewing Angles: Towards a Unified View. <i>Galaxies</i> , 2022, 10, 103.	1.1	1
3386	A multi-band study and exploration of the radio waveâ€“ γ -ray connection in 3C 84. <i>Astronomy and Astrophysics</i> , 2023, 669, A32.	2.1	5
3387	Gamma-Ray Bursts. , 2022, , 1-34.		2

#	ARTICLE	IF	CITATIONS
3388	Self-gravitating disks around rapidly spinning, tilted black holes: General-relativistic simulations. <i>Physical Review D</i> , 2022, 106, .	1.6	3
3389	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
3390	Hadronic signatures from magnetically dominated baryon-loaded AGN jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 2719-2734.	1.6	2
3391	X-Ray Spectra from Weakly Magnetized Accretion Flows. <i>Astrophysical Journal</i> , 2022, 939, 87.	1.6	0
3392	Massive black hole binaries in LISA: Multimessenger prospects and electromagnetic counterparts. <i>Physical Review D</i> , 2022, 106, .	1.6	13
3393	Synthetic Images of Magnetospheric Reconnection-Powered Radiation around Supermassive Black Holes. <i>Physical Review Letters</i> , 2022, 129, .	2.9	9
3394	Habitability of Exoplanets around Black Hole. <i>Journal of Physics: Conference Series</i> , 2022, 2364, 012057.	0.3	0
3395	GRRMHD simulations of MAD accretion discs declining from super-Eddington to sub-Eddington accretion rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 3441-3461.	1.6	6
3396	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
3397	Synchrotron emitting komissarov torus with magnetic polarization around kerr black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	2
3398	The Observed Polarization Direction Depending on Geometrical and Kinematic Parameters of Relativistic Jets. <i>Astronomy Reports</i> , 2022, 66, 845-871.	0.2	1
3399	Disc tearing leads to low and high frequency quasi-periodic oscillations in a GRMHD simulation of a thin accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 1656-1671.	1.6	7
3400	BASS. XXXIII. Swift-BAT Blazars and Their Jets through Cosmic Time. <i>Astrophysical Journal</i> , 2022, 940, 77.	1.6	3
3401	GRB 220426A: A Thermal Radiation-Driven Dominated Gamma-Ray Burst. <i>Astrophysical Journal</i> , 2022, 940, 142.	1.6	5
3402	H-AMR: A New GPU-accelerated GRMHD Code for Exascale Computing with 3D Adaptive Mesh Refinement and Local Adaptive Time Stepping. <i>Astrophysical Journal, Supplement Series</i> , 2022, 263, 26.	3.0	22
3403	Extragalactic neutrino-emission induced by supermassive and stellar mass black hole mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 6158-6182.	1.6	5
3404	A very luminous jet from the disruption of a star by a massive black hole. <i>Nature</i> , 2022, 612, 430-434.	13.7	23
3405	How the super-Eddington regime affects black hole spin evolution in high-redshift galaxies. <i>Astronomy and Astrophysics</i> , 2023, 669, A143.	2.1	3

#	ARTICLE	IF	CITATIONS
3406	Numerical simulations of MHD jets from Keplerian accretion disks. <i>Astronomy and Astrophysics</i> , 2023, 669, A159.	2.1	1
3407	Linear Polarization Signatures of Particle Acceleration in High-Synchrotron-Peak Blazars. <i>Universe</i> , 2022, 8, 644.	0.9	5
3408	Probing plasma physics with spectral index maps of accreting black holes on event horizon scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 4203-4220.	1.6	6
3409	Multimessenger Picture of J1048+7143*. <i>Astrophysical Journal</i> , 2022, 940, 163.	1.6	6
3410	Jet Cloud-Star Interaction as an Interpretation of Neutrino Outburst from the Blazar TXS 0506+056. <i>Universe</i> , 2023, 9, 1.	0.9	1
3411	Rimmed and rippled accretion disc models to explain AGN continuum lags. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 2754-2768.	1.6	11
3412	Jets from SANE super-Eddington accretion discs: morphology, spectra, and their potential as targets for ngEHT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 2812-2837.	1.6	1
3413	Modeling Reconstructed Images of Jets Launched by SANE Super-Eddington Accretion Flows around SMBHs with the ngEHT. <i>Galaxies</i> , 2022, 10, 117.	1.1	3
3414	Emission Modeling in the EHT-ngEHT Age. <i>Galaxies</i> , 2023, 11, 4.	1.1	2
3415	Wakefield Acceleration in the Universe. <i>International Journal of Modern Physics D</i> , 0, , .	0.9	0
3416	Jets in radio galaxies and quasars: an observational perspective. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, .	0.4	7
3417	The effect of outflows on CMB bounds from Primordial Black Hole accretion. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 016.	1.9	5
3418	Jet power, intrinsic $\hat{\Gamma}^3$ -ray luminosity, and accretion in jetted AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 6199-6209.	1.6	3
3419	Probing Plasma Composition with the Next Generation Event Horizon Telescope (ngEHT). <i>Galaxies</i> , 2023, 11, 11.	1.1	4
3420	State-of-the-art collapsar jet simulations imply undetectable subphotospheric neutrinos. <i>Physical Review D</i> , 2023, 107, .	1.6	5
3421	The MURALES survey. <i>Astronomy and Astrophysics</i> , 2023, 671, A32.	2.1	2
3422	Analytic kludge waveforms for extreme-mass-ratio inspirals of a charged object around a Kerr-Newman black hole. <i>Physical Review D</i> , 2023, 107, .	1.6	7
3423	Galaxy fields of LISA massive black hole mergers in a simulated universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 5962-5986.	1.6	6

#	ARTICLE	IF	CITATIONS
3424	Interface instabilities in hydrodynamic relativistic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3009-3026.	1.6	2
3425	Multi-Wavelength and Multi-Messenger Studies Using the Next-Generation Event Horizon Telescope. <i>Galaxies</i> , 2023, 11, 17.	1.1	2
3426	Minidisc influence on flow variability in accreting spinning black hole binaries: simulations in full general relativity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 392-401.	1.6	3
3435	Nucleosynthesis in Jet-Driven and Jet-Associated Supernovae. , 2023, , 1-38.		0
3436	Extracting energy via magnetic reconnection from Kerr-de Sitter black holes. <i>Physical Review D</i> , 2022, 106, .	1.6	6
3437	The ngEHT's Role in Measuring Supermassive Black Hole Spins. <i>Galaxies</i> , 2023, 11, 6.	1.1	9
3438	An Elusive Population of Massive Disk Galaxies Hosting Double-lobed Radio-loud Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2022, 941, 95.	1.6	6
3439	GRB minimum variability timescale with Insight-HXMT and <i>Swift</i> . <i>Astronomy and Astrophysics</i> , 2023, 671, A112.	2.1	7
3440	Observational and Energetic Properties of Astrophysical and Galactic Black Holes. <i>Symmetry</i> , 2023, 15, 293.	1.1	7
3441	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
3442	Monte-Carlo-based relativistic radiation hydrodynamics code with a higher-order scheme. <i>Physical Review D</i> , 2023, 107, .	1.6	6
3443	Inclination dependence of warm coronal flux in high-accretion-rate AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 129-146.	1.6	0
3444	Magnetic-induced spontaneous scalarization in dynamical Chern-Simons gravity. <i>European Physical Journal C</i> , 2023, 83, .	1.4	4
3445	Modelling kilonova afterglows: Effects of the thermal electron population and interaction with GRB outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 2727-2746.	1.6	5
3446	Thermal and Nonthermal Emission from a Peculiar Long-duration GRB 211211A. <i>Astrophysical Journal</i> , 2023, 943, 146.	1.6	9
3447	Surfatron acceleration of the protons to high energy in relativistic jets. <i>Physical Review D</i> , 2023, 107, .	1.6	0
3448	Dynamics and Equation of State Dependencies of Relevance for Nucleosynthesis in Supernovae and Neutron Star Mergers. , 2023, , 1-98.		2
3449	Studying Postmerger Outflows from Magnetized-neutrino-cooled Accretion Disks. <i>Astrophysical Journal</i> , 2023, 944, 220.	1.6	0

#	ARTICLE	IF	CITATIONS
3450	Electromagnetic radiation reaction and energy extraction from black holes: The tail term cannot be ignored. <i>Physical Review D</i> , 2023, 107, .	1.6	4
3451	Forbidden trajectories for path integrals. <i>Physical Review A</i> , 2023, 107, .	1.0	1
3452	General Physical Properties of Gamma-Ray-emitting Radio Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2023, 265, 60.	3.0	2
3453	Ultrafast Variability in AGN Jets: Intermittency and Lighthouse Effect. <i>Astrophysical Journal Letters</i> , 2023, 946, L51.	3.0	1
3454	Rotation of the crescent image of M87* and polarization of its ESE hotspot. , 2023, , .		0
3455	Accretion Disk Evolution in Tidal Disruption Events. , 2023, , 1-24.		0
3456	Algorithms and radiation dynamics for the vicinity of black holes. <i>Astronomy and Astrophysics</i> , 2023, 671, A131.	2.1	0
3457	EAGLE-like simulation models do not solve the entropy core problem in groups and clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3164-3186.	1.6	3
3458	Radiative Reconnection-powered TeV Flares from the Black Hole Magnetosphere in M87. <i>Astrophysical Journal Letters</i> , 2023, 943, L29.	3.0	15
3459	Two-dimensional Particle-in-cell Simulations of Axisymmetric Black Hole Magnetospheres: Angular Dependence of the Blandfordâ€Znajek Flux. <i>Astrophysical Journal</i> , 2023, 943, 164.	1.6	2
3460	Short time-scale evolution of the polarized radio jet during V404 Cygniâ€™s 2015 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 185-207.	1.6	0
3461	Scalar perturbation around rotating regular black hole: Superradiance instability and quasinormal modes. <i>Physical Review D</i> , 2023, 107, .	1.6	3
3462	Tachyonic instability of Reissner-NordstrÅm-Melvin black holes in Einstein-Maxwell-scalar theory. <i>Nuclear Physics B</i> , 2023, 987, 116110.	0.9	1
3463	The Hydrodynamic Evolution of Binary Black Holes Embedded within the Vertically Stratified Disks of Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2023, 944, 44.	1.6	9
3464	Using Machine Learning to link black hole accretion flows with spatially resolved polarimetric observables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 4867-4888.	1.6	6
3465	Jets and Rings in Images of Spinning Black Holes. <i>Astrophysical Journal</i> , 2023, 944, 55.	1.6	2
3466	Spherical symmetry in the kilonova AT2017gfo/GW170817. <i>Nature</i> , 2023, 614, 436-439.	13.7	16
3467	Instability of ultracompact horizonless spacetimes. <i>Physical Review D</i> , 2023, 107, .	1.6	7

#	ARTICLE	IF	CITATIONS
3468	Multi-messenger Model for the Prompt Emission from GRB 221009A. <i>Astrophysical Journal Letters</i> , 2023, 944, L34.	3.0	12
3469	Density Profiles of Collapsed Rotating Massive Stars Favor Long Gamma-Ray Bursts. <i>Astrophysical Journal Letters</i> , 2023, 944, L38.	3.0	5
3470	Exploring the role of composition and mass loading on the properties of hadronic jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 6017-6039.	1.6	1
3471	MOJAVE â€“ XX. Persistent linear polarization structure in parsec-scale AGN jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 6053-6069.	1.6	8
3472	Configuration of the global magnetic field in AGN parsec-scale jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 6335-6349.	1.6	3
3473	Close Binary Stars. VIII: Close Binary Star Systems in the Late Stages of Evolution. <i>Astronomy Reports</i> , 2022, 66, S567-S691.	0.2	2
3474	Curvature of the Spectral Energy Distribution, Compton Dominance, and Synchrotron Peak Frequency in Jetted Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2023, 944, 157.	1.6	2
3475	The Complex X-Ray Obscuration Environment in the Radio-loud Type 2 Quasar 3C 223. <i>Astrophysical Journal</i> , 2023, 944, 152.	1.6	2
3476	Jets in FRO radio galaxies. <i>Astronomy and Astrophysics</i> , 2023, 672, A104.	2.1	5
3477	Charging up boosted black holes. <i>Physical Review D</i> , 2023, 107, .	1.6	4
3478	Neutrino transport in general relativistic neutron star merger simulations. <i>Living Reviews in Solar Physics</i> , 2023, 9, .	5.0	12
3479	Magnetic Flux Transport in Radiatively Inefficient Accretion Flows and the Pathway toward a Magnetically Arrested Disk. <i>Astrophysical Journal</i> , 2023, 944, 182.	1.6	3
3480	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
3481	Accretion Flow Morphology in Numerical Simulations of Black Holes from the ngEHT Model Library: The Impact of Radiation Physics. <i>Galaxies</i> , 2023, 11, 38.	1.1	4
3482	Perspectives on relativistic electronâ€“positron pair plasma experiments of astrophysical relevance using high-power lasers. <i>Physics of Plasmas</i> , 2023, 30, .	0.7	7
3483	Numerical-relativity simulation for tidal disruption of white dwarfs by a supermassive black hole. <i>Physical Review D</i> , 2023, 107, .	1.6	2
3484	Radio Emission of Nearby Early-type Galaxies in the Low and Very Low Radio Luminosity Range. <i>Astrophysical Journal</i> , 2023, 944, 195.	1.6	2
3485	Extraction energy from charged Vaidya black hole via the Penrose process. <i>Communications in Theoretical Physics</i> , 2023, 75, 045404.	1.1	1

#	ARTICLE	IF	CITATIONS
3487	On the non-minimal coupling of magnetic fields with gravity in Schwarzschild spacetime. <i>Classical and Quantum Gravity</i> , 2023, 40, 075016.	1.5	2
3488	Global 3D Radiation Magnetohydrodynamic Simulations of Accretion onto a Stellar-mass Black Hole at Sub- and Near-critical Accretion Rates. <i>Astrophysical Journal</i> , 2023, 945, 57.	1.6	3
3489	Chasing supermassive black hole merging events with <i>Athena</i> and <i>LISA</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 2577-2592.	1.6	4
3490	Astrophysics with the Laser Interferometer Space Antenna. <i>Living Reviews in Relativity</i> , 2023, 26, .	8.2	107
3491	High-rate 256+ Gbit/s laser communications for enhanced high-resolution imaging using space-based very long baseline interferometry (VLBI). , 2023, , .		0
3492	Disentangling the AGN and Star formation Contributions to the Radioâ€“X-Ray Emission of Radio-loud Quasars at 1 < Z < 2. <i>Astrophysical Journal</i> , 2023, 945, 145.	1.6	3
3493	Energy extraction from Janis-Newman-Winicour naked singularity. <i>Physical Review D</i> , 2023, 107, .	1.6	2
3494	Next-to-leading-order solution to Kerr-Newman black hole superradiance. <i>Physical Review D</i> , 2023, 107, .	1.6	0
3495	Wind-fed GRMHD simulations of Sagittarius A*: tilt and alignment of jets and accretion discs, electron thermodynamics, and multiscale modelling of the rotation measure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 4277-4298.	1.6	10
3496	A Candidate Relativistic Tidal Disruption Event at 340 Mpc. <i>Astrophysical Journal</i> , 2023, 945, 142.	1.6	4
3497	A Systematic View of Ten New Black Hole Spins. <i>Astrophysical Journal</i> , 2023, 946, 19.	1.6	12
3498	Observable Signatures of Stellar-mass Black Holes in Active Galactic Nuclei. <i>Astrophysical Journal Letters</i> , 2023, 946, L3.	3.0	5
3499	Black holesâ€“up close. <i>Nature</i> , 2023, 615, 597-604.	18.7	2
3500	The Collimation of Relativistic Jets in Postâ€“Neutron Star Binary Merger Simulations. <i>Astrophysical Journal Letters</i> , 2023, 946, L9.	3.0	2
3501	On the Zeeman effect in magnetically arrested disks. <i>Publication of the Astronomical Society of Japan</i> , 0, , .	1.0	0
3502	MaNGA integral-field stellar kinematics of LoTSS radio galaxies: Luminous radio galaxies tend to be slow rotators. <i>Astronomy and Astrophysics</i> , 2023, 673, A12.	2.1	1
3503	Joint constraints on cosmological parameters using future multi-band gravitational wave standard siren observations*. <i>Chinese Physics C</i> , 2023, 47, 065104.	1.5	9
3504	Bubble in the Whale: Identifying the Optical Counterparts and Extended Nebula for the Ultraluminous X-Ray Sources in NGC 4631. <i>Astrophysical Journal</i> , 2023, 946, 72.	1.6	2

#	ARTICLE	IF	CITATIONS
3505	The Effects of Gas Angular Momentum on the Formation of Magnetically Arrested Disks and the Launching of Powerful Jets. <i>Astrophysical Journal Letters</i> , 2023, 946, L42.	3.0	2
3506	Non-Linear Electrodynamics in Blandford-Znajek Energy Extraction. <i>Annalen Der Physik</i> , 2023, 535, .	0.9	3
3507	Dynamic and Polarimetric VLBI imaging with a multiscalar approach. <i>Astronomy and Astrophysics</i> , 2023, 673, A151.	2.1	2
3508	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
3509	Equilibrium non-self-gravitating tori around black holes in parametrized spherically symmetric space-times. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 2415-2428.	1.6	4
3510	Two-temperature GRMHD simulations of black hole accretion flows with multiple magnetic loops. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 2307-2324.	1.6	5
3511	Dark photon superradiance: Electrodynamics and multimessenger signals. <i>Physical Review D</i> , 2023, 107, .	1.6	7
3512	Synchrotron afterglow model for AT 2022cmc: jetted tidal disruption event or engine-powered supernova?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 4028-4037.	1.6	4
3513	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
3594	The nature of compact radio sources: the case of FR0 radio galaxies. <i>Astronomy and Astrophysics Review</i> , 2023, 31, .	9.1	6
3611	Plasma mirrors as a path to the Schwinger limit: theoretical and numerical developments. <i>European Physical Journal: Special Topics</i> , 2023, 232, 2303-2346.	1.2	1
3616	Nucleosynthesis in Jet-Driven and Jet-Associated Supernovae. , 2023, , 3877-3914.		0
3617	Dynamics and Equation of State Dependencies of Relevance for Nucleosynthesis in Supernovae and Neutron Star Mergers. , 2023, , 4005-4102.		0
3666	Black Holes: Accretion Processes in X-ray Binaries. , 2024, , 1-28.		0
3740	Black Holes: Accretion Processes in X-ray Binaries. , 2024, , 3911-3938.		0
3741	Gamma-Ray Bursts. , 2024, , 5093-5126.		0
3742	Accreting White Dwarfs. , 2024, , 3775-3819.		0
3743	Accretion Disk Evolution in Tidal Disruption Events. , 2024, , 5127-5150.		0

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