

Sera Markoff

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2185873/publications.pdf>

Version: 2024-02-01

171
papers

19,371
citations

18465

62
h-index

11047

137
g-index

172
all docs

172
docs citations

172
times ranked

7798
citing authors

#	ARTICLE	IF	CITATIONS
1	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	3.0	2,264
2	LOFAR: The LOw-Frequency ARray. <i>Astronomy and Astrophysics</i> , 2013, 556, A2.	2.1	1,755
3	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	3.0	897
4	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	3.0	814
5	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	3.0	806
6	A scheme to unify low-power accreting black holes. <i>Astronomy and Astrophysics</i> , 2004, 414, 895-903.	2.1	631
7	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	3.0	618
8	First Sagittarius A* Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole in the Center of the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 930, L12.	3.0	568
9	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	3.0	519
10	Going with the Flow: Can the Base of Jets Subsume the Role of Compact Accretion Disk Coronae?. <i>Astrophysical Journal</i> , 2005, 635, 1203-1216.	1.6	459
11	A jet model for the broadband spectrum of XTE J1118+480. <i>Astronomy and Astrophysics</i> , 2001, 372, L25-L28.	2.1	412
12	Radio/X-ray correlation in the low/hard state of GX 339-4. <i>Astronomy and Astrophysics</i> , 2003, 400, 1007-1012.	2.1	356
13	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	3.0	297
14	Dissecting X-ray-Emitting Gas Around the Center of Our Galaxy. <i>Science</i> , 2013, 341, 981-983.	6.0	232
15	A Jet-ADAF model for Sgr A*. <i>Astronomy and Astrophysics</i> , 2002, 383, 854-863.	2.1	217
16	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	3.0	215
17	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	3.0	215
18	The Nature of the 10 kilosecond X-ray flare in Sgr A*. <i>Astronomy and Astrophysics</i> , 2001, 379, L13-L16.	2.1	210

#	ARTICLE	IF	CITATIONS
19	Exploring the role of jets in the radio/X-ray correlations of GX 339-4. <i>Astronomy and Astrophysics</i> , 2003, 397, 645-658.	2.1	207
20	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
21	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. <i>Physical Review Letters</i> , 2020, 125, 141104.	2.9	190
22	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
23	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	3.0	175
24	THE FUNDAMENTAL PLANE OF ACCRETION ONTO BLACK HOLES WITH DYNAMICAL MASSES. <i>Astrophysical Journal</i> , 2009, 706, 404-416.	1.6	172
25	Using the Fundamental Plane of black hole activity to distinguish X-ray processes from weakly accreting black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 267-286.	1.6	172
26	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	3.0	163
27	Multiwavelength Observations of the 2002 Outburst of GX 339-4: Two Patterns of X-ray Optical/Near-Infrared Behavior. <i>Astrophysical Journal</i> , 2005, 624, 295-306.	1.6	154
28	CHANDRA/HETGS CENSUS OF X-RAY VARIABILITY FROM Sgr A* DURING 2012. <i>Astrophysical Journal</i> , 2013, 774, 42.	1.6	146
29	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	3.0	142
30	Cygnus X-1 contains a 21-solar mass black hole—Implications for massive star winds. <i>Science</i> , 2021, 371, 1046-1049.	6.0	138
31	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	3.0	137
32	The radio/X-ray domain of black hole X-ray binaries at the lowest radio luminosities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 290-300.	1.6	128
33	A VARIABLE MID-INFRARED SYNCHROTRON BREAK ASSOCIATED WITH THE COMPACT JET IN GX 339-4. <i>Astrophysical Journal Letters</i> , 2011, 740, L13.	3.0	124
34	CHANDRA/HETGS OBSERVATIONS OF THE BRIGHTEST FLARE SEEN FROM Sgr A*. <i>Astrophysical Journal</i> , 2012, 759, 95.	1.6	119
35	Toward the event horizon—the supermassive black hole in the Galactic Center. <i>Classical and Quantum Gravity</i> , 2013, 30, 244003.	1.5	119
36	A large light-mass component of cosmic rays at 10 ¹⁷ –10 ^{17.5} electronvolts from radio observations. <i>Nature</i> , 2016, 531, 70-73.	13.7	116

#	ARTICLE	IF	CITATIONS
37	Relativistic Jets in Active Galactic Nuclei and Microquasars. <i>Space Science Reviews</i> , 2017, 207, 5-61.	3.7	115
38	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
39	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
40	RADIO AND MILLIMETER MONITORING OF $\text{Sgr}^* \text{A}^{\dagger}$: SPECTRUM, VARIABILITY, AND CONSTRAINTS ON THE G2 ENCOUNTER. <i>Astrophysical Journal</i> , 2015, 802, 69.	1.6	99
41	Results from an Extensive Simultaneous Broadband Campaign on the Underluminous Active Nucleus M81*: Further Evidence for Mass-scaling Accretion in Black Holes. <i>Astrophysical Journal</i> , 2008, 681, 905-924.	1.6	90
42	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
43	The Spectral Energy Distribution of Quiescent Black Hole X-ray Binaries: New Constraints from <i>Spitzer</i> . <i>Astrophysical Journal</i> , 2007, 670, 600-609.	1.6	88
44	Constraining jet/disc geometry and radiative processes in stellar black holes XTE J1118+480 and GX 339 α 4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1638-1650.	1.6	88
45	Constraining X-ray Binary Jet Models via Reflection. <i>Astrophysical Journal</i> , 2004, 609, 972-976.	1.6	86
46	Black Hole Flares: Ejection of Accreted Magnetic Flux through 3D Plasmoid-mediated Reconnection. <i>Astrophysical Journal Letters</i> , 2022, 924, L32.	3.0	86
47	Sgr A* flares: tidal disruption of asteroids and planets?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1315-1324.	1.6	82
48	How to hide large-scale outflows: size constraints on the jets of Sgr A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 1519-1532.	1.6	81
49	The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , 2019, 871, 30.	1.6	81
50	A radio parallax to the black hole X-ray binary MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 493, L81-L86.	1.2	80
51	Formation of the compact jets in the black hole CX 339 α 4. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 431, L107-L111.	1.2	79
52	The accretion-ejection coupling in the black hole candidate X-ray binary MAXI J1836 α 194. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1390-1402.	1.6	79
53	Disc-jet coupling in the 2009 outburst of the black hole candidate H1743 α 322. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, , no-no.	1.6	77
54	Polarized NIR and X-ray flares from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008, 479, 625-639.	2.1	73

#	ARTICLE	IF	CITATIONS
55	Further clues to the nature of composite LINER/H II galaxies. <i>Astronomy and Astrophysics</i> , 2004, 418, 429-443.	2.1	72
56	Correlated optical, X-ray, and γ -ray flaring activity seen with INTEGRAL during the 2015 outburst of V404 Cygni. <i>Astronomy and Astrophysics</i> , 2015, 581, L9.	2.1	72
57	General relativistic magnetohydrodynamic simulations of accretion on to Sgr A*: how important are radiative losses?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1928-1939.	1.6	70
58	Simultaneous NIR/sub-mm observation of flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008, 492, 337-344.	2.1	69
59	The black hole candidate XTE J1752-223 towards and in quiescence: optical and simultaneous X-ray-radio observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2656-2667.	1.6	68
60	Disk Jet Coupling in the 2017/2018 Outburst of the Galactic Black Hole Candidate X-Ray Binary MAXI J1535-571. <i>Astrophysical Journal</i> , 2019, 883, 198.	1.6	67
61	The Fundamental Plane of Black Hole Accretion and Its Use as a Black Hole-Mass Estimator. <i>Astrophysical Journal</i> , 2019, 871, 80.	1.6	67
62	A rapidly changing jet orientation in the stellar-mass black-hole system V404 Cygni. <i>Nature</i> , 2019, 569, 374-377.	13.7	67
63	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	3.0	67
64	Kinetic simulations of mildly relativistic shocks I. Particle acceleration in high Mach number shocks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5105-5119.	1.6	66
65	AN EVOLVING COMPACT JET IN THE BLACK HOLE X-RAY BINARY MAXI J1836-194. <i>Astrophysical Journal Letters</i> , 2013, 768, L35.	3.0	65
66	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	4.2	65
67	Following the 2008 outburst decay of the black hole candidate H 1743-322 in X-ray and radio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1255-1263.	1.6	63
68	The black hole candidate MAXI J1659-152 in and towards quiescence in X-ray and radio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 3308-3315.	1.6	62
69	Extreme jet ejections from the black hole X-ray binary V404 Cygni. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3141-3162.	1.6	62
70	Tracing the Jet Contribution to the Mid-IR over the 2005 Outburst of GRO J1655-40 via Broadband Spectral Modeling. <i>Astrophysical Journal</i> , 2007, 670, 610-623.	1.6	59
71	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
72	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	3.0	56

#	ARTICLE	IF	CITATIONS
73	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
74	Jet-lag in Sagittarius A*: what size and timing measurements tell us about the central black hole in the Milky Way. <i>Astronomy and Astrophysics</i> , 2009, 496, 77-83.	2.1	53
75	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
76	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2004, 425, 1061-1068.	2.1	51
77	Monitoring the Morphology of M87* in 2009-2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	1.6	51
78	THE INTRINSIC TWO-DIMENSIONAL SIZE OF SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2014, 790, 1.	1.6	50
79	ALMA and VLA measurements of frequency-dependent time lags in Sagittarius A*: evidence for a relativistic outflow. <i>Astronomy and Astrophysics</i> , 2015, 576, A41.	2.1	50
80	Radio monitoring of the hard state jets in the 2011 outburst of MAXI J1836-194. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1745-1759.	1.6	50
81	THE 2015 DECAY OF THE BLACK HOLE X-RAY BINARY V404 CYGNI: ROBUST DISK-JET COUPLING AND A SHARP TRANSITION INTO QUIESCENCE. <i>Astrophysical Journal</i> , 2017, 834, 104.	1.6	50
82	THE X-RAY FLUX DISTRIBUTION OF SAGITTARIUS A* AS SEEN BY CHANDRA. <i>Astrophysical Journal</i> , 2015, 799, 199.	1.6	47
83	Why the fundamental plane of black hole activity is not simply a distance driven artifact. <i>New Astronomy</i> , 2006, 11, 567-576.	0.8	45
84	MULTIWAVELENGTH OBSERVATIONS OF A0620-00 IN QUIESCENCE. <i>Astrophysical Journal</i> , 2011, 743, 26.	1.6	45
85	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	1.6	44
86	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	1.6	43
87	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	3.0	43
88	DETERMINING THE OPTIMAL LOCATIONS FOR SHOCK ACCELERATION IN MAGNETOHYDRODYNAMICAL JETS. <i>Astrophysical Journal</i> , 2010, 723, 1343-1350.	1.6	42
89	Constraints on relativistic jets in quiescent black hole X-ray binaries from broad-band spectral modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 4098-4111.	1.6	42
90	Observational signatures of disc and jet misalignment in images of accreting black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 362-378.	1.6	42

#	ARTICLE	IF	CITATIONS
91	Evidence for a compact jet dominating the broad-band spectrum of the black hole accretor XTE J1550-564. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	41
92	THE LACK OF TORUS EMISSION FROM BL LACERTAE OBJECTS: AN INFRARED VIEW OF UNIFICATION WITH <i>WISE</i> . <i>Astrophysical Journal Letters</i> , 2012, 745, L27.	3.0	41
93	ALMA Observations of the Terahertz Spectrum of Sagittarius A*. <i>Astrophysical Journal Letters</i> , 2019, 881, L2.	3.0	40
94	A CONNECTION BETWEEN PLASMA CONDITIONS NEAR BLACK HOLE EVENT HORIZONS AND OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2015, 814, 139.	1.6	38
95	Self-consistent spectra from radiative GRMHD simulations of accretion on to Sgr A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 2872-2884.	1.6	37
96	LOFAR discovery of a quiet emission mode in PSR B0823+26. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2493-2506.	1.6	36
97	Chandra Spectral and Timing Analysis of Sgr A*'s Brightest X-Ray Flares. <i>Astrophysical Journal</i> , 2019, 886, 96.	1.6	36
98	Sagittarius A* in Context: Daily Flares as a Probe of the Fundamental X-Ray Emission Process in Accreting Black Holes. <i>Astrophysical Journal</i> , 2005, 618, L103-L106.	1.6	33
99	High-Resolution X-Ray Spectroscopy of a Low-Luminosity Active Galactic Nucleus: The Structure and Dynamics of M81*. <i>Astrophysical Journal</i> , 2007, 669, 830-840.	1.6	32
100	On the Nature of the EGRET Source at the Galactic Center. <i>Astrophysical Journal</i> , 1997, 489, L47-L50.	1.6	32
101	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
102	Linking accretion flow and particle acceleration in jets II. Self-similar jet models with full relativistic MHD gravitational mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 959-970.	1.6	30
103	Wide-field LOFAR imaging of the field around the double-double radio galaxy B1834+620. <i>Astronomy and Astrophysics</i> , 2015, 584, A112.	2.1	30
104	General relativistic MHD simulations of non-thermal flaring in Sagittarius A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5281-5302.	1.6	30
105	Linking accretion flow and particle acceleration in jets I. New relativistic magnetohydrodynamical jet solutions including gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 587-598.	1.6	29
106	Exploring plasma evolution during Sagittarius A* flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 1005-1016.	1.6	28
107	Constraining particle acceleration in Sgr A* with simultaneous GRAVITY, <i>Spitzer</i> , <i>NuSTAR</i> , and <i>Chandra</i> observations. <i>Astronomy and Astrophysics</i> , 2021, 654, A22.	2.1	28
108	A clean sightline to quiescence: multiwavelength observations of the high Galactic latitude black hole X-ray binary Swift J1357.2+0933. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2707-2716.	1.6	27

#	ARTICLE	IF	CITATIONS
109	A black hole X-ray binary at ~ 100 Hz: multiwavelength timing of MAXI J1820+070 with HiPERCAM and NICER. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 490, L62-L66.	1.2	27
110	Tracking the variable jets of V404 Cygni during its 2015 outburst. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2950-2972.	1.6	27
111	Low-radio-frequency eclipses of the redback pulsar J2215+5135 observed in the image plane with LOFAR. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2681-2689.	1.6	26
112	The varying kinematics of multiple ejecta from the black hole X-ray binary MAXI J1820+070. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3393-3403.	1.6	26
113	A time-dependent jet model for the emission from Sagittarius A*. Astronomy and Astrophysics, 2009, 508, L13-L16.	2.1	25
114	AS ABOVE, SO BELOW: EXPLOITING MASS SCALING IN BLACK HOLE ACCRETION TO BREAK DEGENERACIES IN SPECTRAL INTERPRETATION. Astrophysical Journal Letters, 2015, 812, L25.	3.0	24
115	Simultaneous X-Ray and Infrared Observations of Sagittarius A*'s Variability. Astrophysical Journal, 2019, 871, 161.	1.6	24
116	Rapid compact jet quenching in the Galactic black hole candidate X-ray binary MAXI J1535+571. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5772-5785.	1.6	24
117	A new lepto-hadronic model applied to the first simultaneous multiwavelength data set for Cygnus X-1. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2112-2126.	1.6	24
118	Sagittarius A* High-energy X-Ray Flare Properties during NuStar Monitoring of the Galactic Center from 2012 to 2015. Astrophysical Journal, 2017, 843, 96.	1.6	23
119	A new method for extending solutions to the self-similar relativistic magnetohydrodynamic equations for black hole outflows. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4417-4435.	1.6	23
120	Revelations in our own backyard: Chandra's unique Galactic Center discoveries. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7196-7201.	3.3	22
121	A CHANDRA SURVEY OF SUPERMASSIVE BLACK HOLES WITH DYNAMICAL MASS MEASUREMENTS. Astrophysical Journal, 2012, 749, 129.	1.6	22
122	X-ray spectral components of the blazar and binary black hole candidate OJ 287 (2005-2020). Monthly Notices of the Royal Astronomical Society, 2021, 504, 5575-5587.	1.6	22
123	Selective Dynamical Imaging of Interferometric Data. Astrophysical Journal Letters, 2022, 930, L18.	3.0	21
124	A JET MODEL FOR THE BROADBAND SPECTRUM OF THE SEYFERT 1 GALAXY NGC 4051. Astrophysical Journal, 2011, 735, 107.	1.6	20
125	A Wildly Flickering Jet in the Black Hole X-Ray Binary MAXI J1535+571. Astrophysical Journal, 2018, 867, 114.	1.6	20
126	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. Astrophysical Journal Letters, 2022, 930, L21.	3.0	20

#	ARTICLE	IF	CITATIONS
127	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022, 930, L20.	3.0	20
128	The millimetre variability of M81*. <i>Astronomy and Astrophysics</i> , 2007, 463, 551-557.	2.1	19
129	Shell-shocked: the interstellar medium near Cygnus X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 3579-3592.	1.6	19
130	Using infrared/X-ray flare statistics to probe the emission regions near the event horizon of Sgr A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 552-559.	1.6	19
131	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021, 915, 99.	1.6	19
132	From Multiwavelength to Mass Scaling: Accretion and Ejection in Microquasars and AGN. <i>Lecture Notes in Physics</i> , 2010, , 143-172.	0.3	19
133	Spectral and imaging properties of Sgr A* from high-resolution 3D GRMHD simulations with radiative cooling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3178-3192.	1.6	19
134	Mass-scaling as a method to constrain outflows and particle acceleration from low-luminosity accreting black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3150.	1.6	18
135	SYMBA: An end-to-end VLBI synthetic data generation pipeline. <i>Astronomy and Astrophysics</i> , 2020, 636, A5.	2.1	18
136	A Self-Consistent Model for the Broadband Spectrum of Sagittarius A East at the Galactic Center. <i>Astrophysical Journal</i> , 1998, 508, L65-L69.	1.6	18
137	Simultaneous Monitoring of X-Ray and Radio Variability in Sagittarius A*. <i>Astrophysical Journal</i> , 2017, 845, 35.	1.6	17
138	A BLACK HOLE MASS-VARIABILITY TIMESCALE CORRELATION AT SUBMILLIMETER WAVELENGTHS. <i>Astrophysical Journal Letters</i> , 2015, 811, L6.	3.0	15
139	High-energy cosmic ray production in X-ray binary jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3212-3222.	1.6	15
140	Combining timing characteristics with physical broad-band spectral modelling of black hole X-ray binary GX339-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3696-3714.	1.6	14
141	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
142	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
143	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
144	Is the plateau state in GRS 1915+105 equivalent to canonical hard states?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 763-776.	1.6	12

#	ARTICLE	IF	CITATIONS
145	Unraveling the Innermost Jet Structure of OJ 287 with the First GMVA + ALMA Observations. <i>Astrophysical Journal</i> , 2022, 932, 72.	1.6	12
146	Relativistic AGN jets – II. Jet properties and mixing effects for episodic jet activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3969-3985.	1.6	11
147	Paving the way to simultaneous multi-wavelength astronomy. <i>New Astronomy Reviews</i> , 2017, 79, 26-48.	5.2	11
148	What Is the Hidden Depolarization Mechanism in Low-luminosity AGNs?. <i>Astrophysical Journal Letters</i> , 2017, 843, L31.	3.0	11
149	Simultaneous Multiwavelength Observations of V404 Cygni during its 2015 June Outburst Decay Strengthen the Case for an Extremely Energetic Jet-base. <i>Astrophysical Journal</i> , 2017, 851, 148.	1.6	11
150	ALMA observations of A0620+00: fresh clues on the nature of quiescent black hole X-ray binary jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 191-197.	1.6	9
151	Disc jet coupling changes as a possible indicator for outbursts from GX 339+4 remaining within the X-ray hard state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 521-540.	1.6	9
152	No Sign of G2's Encounter Affecting Sgr A*'s X-Ray Flaring Rate from Chandra Observations. <i>Astrophysical Journal</i> , 2019, 884, 148.	1.6	9
153	A LOFAR DETECTION OF THE LOW-MASS YOUNG STAR T TAU AT 149 MHz. <i>Astrophysical Journal</i> , 2017, 834, 206.	1.6	8
154	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
155	Discovery of a radio transient in M81. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1181-1196.	1.6	7
156	The Chandra High-resolution X-Ray Spectrum of Quiescent Emission from Sgr A*. <i>Astrophysical Journal</i> , 2020, 891, 71.	1.6	7
157	Multiwavelength Variability of Sagittarius A* in 2019 July. <i>Astrophysical Journal</i> , 2022, 931, 7.	1.6	7
158	A Swift study of long-term changes in the X-ray flaring properties of Sagittarius A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2851-2863.	1.6	6
159	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	1.6	6
160	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
161	A jet-dominated model for a broad-band spectral energy distribution of the nearby low-luminosity active galactic nucleus in M94. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 435-450.	1.6	5
162	Evidence for an expanding corona based on spectral-timing modelling of multiple black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	5

#	ARTICLE	IF	CITATIONS
163	Relativistic AGN jets – III. Synthesis of synchrotron emission from double-double radio galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3638-3657.	1.6	3
164	Infrared interferometry to spatially and spectrally resolve jets in X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2020, 495, 525-535.	1.6	2
165	Jets at lowest mass accretion rates. Proceedings of the International Astronomical Union, 2010, 6, 82-86.	0.0	1
166	Fitting along the Fundamental Plane: New comparisons of jet physics across the black hole mass scale. Proceedings of the International Astronomical Union, 2010, 6, 250-254.	0.0	1
167	GRS1915+105: a comparison of the plateau state to the canonical hard state. Proceedings of the International Astronomical Union, 2010, 6, 294-298.	0.0	1
168	Blazar monitoring with LOFAR. Proceedings of the International Astronomical Union, 2014, 10, 95-96.	0.0	1
169	The 3 Ms Chandra campaign on Sgr A*: a census of X-ray flaring activity from the Galactic center. Proceedings of the International Astronomical Union, 2013, 9, 374-378.	0.0	0
170	Elusive Accretion Discs in Low Luminosity AGN. Proceedings of the International Astronomical Union, 2016, 12, 192-195.	0.0	0
171	Relativistic Jets in Active Galactic Nuclei and Microquasars. Space Sciences Series of ISSI, 2017, , 5-61.	0.0	0