

Sera Markoff

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168
papers

12,187
citations

53
h-index

108
g-index

172
ext. papers

15,720
ext. citations

5.9
avg, IF

5.91
L-index

#	Paper	IF	Citations
168	LOFAR: The LOW-Frequency ARray. <i>Astronomy and Astrophysics</i> , 2013 , 556, A2	5.1	1266
167	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L1	7.9	1110
166	A scheme to unify low-power accreting black holes. <i>Astronomy and Astrophysics</i> , 2004 , 414, 895-903	5.1	566
165	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L6	7.9	466
164	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019 , 875, L5	7.9	429
163	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L4	7.9	411
162	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	4.7	397
161	A jet model for the broadband spectrum of XTE J1118+480. <i>Astronomy and Astrophysics</i> , 2001 , 372, L25-L28	5.2	387
160	Radio/X-ray correlation in the low/hard state of GX 339-4. <i>Astronomy and Astrophysics</i> , 2003 , 400, 1007-1012	5.0	327
159	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019 , 875, L2	7.9	325
158	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019 , 875, L3	7.9	267
157	A Jet-ADAF model for Sgr A*. <i>Astronomy and Astrophysics</i> , 2002 , 383, 854-863	5.1	203
156	Exploring the role of jets in the radio/X-ray correlations of GX 339-4. <i>Astronomy and Astrophysics</i> , 2003 , 397, 645-658	5.1	200
155	Dissecting x-ray-emitting gas around the center of our galaxy. <i>Science</i> , 2013 , 341, 981-3	33.3	197
154	The Nature of the 10 kilosecond X-ray flare in Sgr A*. <i>Astronomy and Astrophysics</i> , 2001 , 379, L13-L16	5.1	195
153	THE FUNDAMENTAL PLANE OF ACCRETION ONTO BLACK HOLES WITH DYNAMICAL MASSES. <i>Astrophysical Journal</i> , 2009 , 706, 404-416	4.7	155
152	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	4.3	147

151	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	4.7	140
150	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	4.3	137
149	ACHANDRA/HETGS CENSUS OF X-RAY VARIABILITY FROM Sgr A* DURING 2012. <i>Astrophysical Journal</i> , 2013 , 774, 42	4.7	123
148	A VARIABLE MID-INFRARED SYNCHROTRON BREAK ASSOCIATED WITH THE COMPACT JET IN GX 339-4. <i>Astrophysical Journal Letters</i> , 2011 , 740, L13	7.9	111
147	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	4.3	109
146	Toward the event horizon—the supermassive black hole in the Galactic Center. <i>Classical and Quantum Gravity</i> , 2013 , 30, 244003	3.3	103
145	CHANDRA/HETGS OBSERVATIONS OF THE BRIGHTEST FLARE SEEN FROM Sgr A*. <i>Astrophysical Journal</i> , 2012 , 759, 95	4.7	101
144	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 243, 26	8	96
143	RADIO AND MILLIMETER MONITORING OF $\text{Sgr A}^?$: SPECTRUM, VARIABILITY, AND CONSTRAINTS ON THE G2 ENCOUNTER. <i>Astrophysical Journal</i> , 2015 , 802, 69	4.7	90
142	A large light-mass component of cosmic rays at 10^{17} - $10^{17.5}$ electronvolts from radio observations. <i>Nature</i> , 2016 , 531, 70-3	50.4	90
141	Relativistic Jets in Active Galactic Nuclei and Microquasars. <i>Space Science Reviews</i> , 2017 , 207, 5-61	7.5	89
140	Jet spectral breaks in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 429, 815-832	4.3	88
139	The Spectral Energy Distribution of Quiescent Black Hole X-Ray Binaries: New Constraints from Spitzer. <i>Astrophysical Journal</i> , 2007 , 670, 600-609	4.7	86
138	Constraining jet/disc geometry and radiative processes in stellar black holes XTE J1118+480 and GX 339-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 398, 1638-1650	4.3	83
137	Constraining X-Ray Binary Jet Models via Reflection. <i>Astrophysical Journal</i> , 2004 , 609, 972-976	4.7	81
136	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	4.7	79
135	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	4.3	78
134	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	4.3	74

133	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. <i>Physical Review Letters</i> , 2020 , 125, 141104	7.4	74
132	Sgr A* flares: tidal disruption of asteroids and planets?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 1315-1324	4.3	73
131	The accretionâ€jection coupling in the black hole candidate X-ray binary MAXI J1836â€94. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 1390-1402	4.3	71
130	Formation of the compact jets in the black hole GX 339â€. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013 , 431, L107-L111	4.3	71
129	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021 , 910, L13	7.9	70
128	Simultaneous NIR/sub-mm observation of flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008 , 492, 337-344	5.1	67
127	The black hole candidate XTE J1752â€23 towards and in quiescence: optical and simultaneous X-ray-radio observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 423, 2656-2667	4.3	66
126	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	4.3	66
125	Further clues to the nature of composite LINER/H II galaxies. <i>Astronomy and Astrophysics</i> , 2004 , 418, 429-443	5.1	66
124	Correlated optical, X-ray, andâ€ray flaring activity seen with INTEGRAL during the 2015 outburst of V404 Cygni. <i>Astronomy and Astrophysics</i> , 2015 , 581, L9	5.1	65
123	Polarized NIR and X-ray flares from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008 , 479, 625-639	5.1	65
122	AN EVOLVING COMPACT JET IN THE BLACK HOLE X-RAY BINARY MAXI J1836â€94. <i>Astrophysical Journal Letters</i> , 2013 , 768, L35	7.9	62
121	The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , 2019 , 871, 30	4.7	60
120	Discâ€jet coupling in the 2009 outburst of the black hole candidate H1743â€22. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , no-no	4.3	59
119	Tracing the Jet Contribution to the Mid-IR over the 2005 Outburst of GRO J1655â€00 via Broadband Spectral Modeling. <i>Astrophysical Journal</i> , 2007 , 670, 610-623	4.7	58
118	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021 , 910, L12	7.9	58
117	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	4.3	57
116	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	4.3	55

115	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	5.1	51
114	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2004 , 425, 1061-1068	5.1	51
113	Accelerating AGN jets to parsec scales using general relativistic MHD simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 2200-2218	4.3	46
112	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	12.1	45
111	A rapidly changing jet orientation in the stellar-mass black-hole system V404 Cygni. <i>Nature</i> , 2019 , 569, 374-377	50.4	45
110	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	4.3	45
109	Radio monitoring of the hard state jets in the 2011 outburst of MAXI J1836-094. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 1745-1759	4.3	45
108	THE INTRINSIC TWO-DIMENSIONAL SIZE OF SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2014 , 790, 1	4.7	45
107	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	4.7	44
106	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	4.3	44
105	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	5.1	43
104	Cygnus X-1 contains a 21-solar mass black hole-Implications for massive star winds. <i>Science</i> , 2021 , 371, 1046-1049	33.3	43
103	Kinetic simulations of mildly relativistic shocks. Particle acceleration in high Mach number shocks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5105-5119	4.3	41
102	THE X-RAY FLUX DISTRIBUTION OF SAGITTARIUS A* AS SEEN BY CHANDRA. <i>Astrophysical Journal</i> , 2015 , 799, 199	4.7	41
101	MULTIWAVELENGTH OBSERVATIONS OF A0620-00 IN QUIESCENCE. <i>Astrophysical Journal</i> , 2011 , 743, 26	4.7	40
100	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	4.3	38
99	DETERMINING THE OPTIMAL LOCATIONS FOR SHOCK ACCELERATION IN MAGNETOHYDRODYNAMICAL JETS. <i>Astrophysical Journal</i> , 2010 , 723, 1343-1350	4.7	38
98	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	4.3	37

97	THE LACK OF TORUS EMISSION FROM BL LACERTAE OBJECTS: AN INFRARED VIEW OF UNIFICATION WITH WISE. <i>Astrophysical Journal Letters</i> , 2012 , 745, L27	7.9	37
96	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	4.3	36
95	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	4.7	35
94	A CONNECTION BETWEEN PLASMA CONDITIONS NEAR BLACK HOLE EVENT HORIZONS AND OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2015 , 814, 139	4.7	34
93	Why the fundamental plane of black hole activity is not simply a distance driven artifact. <i>New Astronomy</i> , 2006 , 11, 567-576	1.8	34
92	LOFAR discovery of a quiet emission mode in PSR B0823+26. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 2493-2506	4.3	32
91	On the Nature of the EGRET Source at the Galactic Center. <i>Astrophysical Journal</i> , 1997 , 489, L47-L50	4.7	32
90	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	4.7	31
89	The Fundamental Plane of Black Hole Accretion and Its Use as a Black Hole-Mass Estimator. <i>Astrophysical Journal</i> , 2019 , 871, 80	4.7	30
88	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021 , 910, L14	7.9	28
87	Linking accretion flow and particle acceleration in jets III. New relativistic magnetohydrodynamical jet solutions including gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 428, 587-598	4.3	27
86	ALMA Observations of the Terahertz Spectrum of Sagittarius A*. <i>Astrophysical Journal Letters</i> , 2019 , 881, L2	7.9	26
85	Linking accretion flow and particle acceleration in jets III. Self-similar jet models with full relativistic MHD gravitational mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 959-970	4.3	26
84	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	4.7	26
83	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	4.3	25
82	Exploring plasma evolution during Sagittarius A* flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 441, 1005-1016	4.3	25
81	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	4.3	25
80	A time-dependent jet model for the emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2009 , 508, L13-L16	5.1	25

79	Disc Tearing and Bardeen-Petterson Alignment in GRMHD Simulations of Highly Tilted Thin Accretion Discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4.3	24
78	Wide-field LOFAR imaging of the field around the double-double radio galaxy B1834+620. <i>Astronomy and Astrophysics</i> , 2015 , 584, A112	5.1	24
77	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	7.9	23
76	Low-radio-frequency eclipses of the redback pulsar J2215+5135 observed in the image plane with LOFAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 2681-2689	4.3	22
75	Chandra Spectral and Timing Analysis of Sgr A* β Brightest X-Ray Flares. <i>Astrophysical Journal</i> , 2019 , 886, 96	4.7	22
74	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020 , 640, A69	5.1	21
73	ACHANDRASURVEY OF SUPERMASSIVE BLACK HOLES WITH DYNAMICAL MASS MEASUREMENTS. <i>Astrophysical Journal</i> , 2012 , 749, 129	4.7	21
72	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	4.3	21
71	Simultaneous X-Ray and Infrared Observations of Sagittarius A* β Variability. <i>Astrophysical Journal</i> , 2019 , 871,	4.7	20
70	Sagittarius β High-energy X-Ray Flare Properties during NuStar Monitoring of the Galactic Center from 2012 to 2015. <i>Astrophysical Journal</i> , 2017 , 843, 96	4.7	20
69	AS ABOVE, SO BELOW: EXPLOITING MASS SCALING IN BLACK HOLE ACCRETION TO BREAK DEGENERACIES IN SPECTRAL INTERPRETATION. <i>Astrophysical Journal Letters</i> , 2015 , 812, L25	7.9	20
68	Revelations in our own backyard: Chandra β unique Galactic Center discoveries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7196-201	11.5	20
67	Monitoring the Morphology of M87* in 2009 β 2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020 , 901, 67	4.7	20
66	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022 , 930, L14	7.9	20
65	Tracking the variable jets of V404 Cygni during its 2015 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 2950-2972	4.3	19
64	A JET MODEL FOR THE BROADBAND SPECTRUM OF THE SEYFERT 1 GALAXY NGC 4051. <i>Astrophysical Journal</i> , 2011 , 735, 107	4.7	19
63	A new method for extending solutions to the self-similar relativistic magnetohydrodynamic equations for black hole outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 4417-4435	4.3	19
62	The millimetre variability of M 81*. <i>Astronomy and Astrophysics</i> , 2007 , 463, 551-557	5.1	18

61	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020 , 897, 148	4-7	18
60	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	7-9	18
59	A black hole X-ray binary at ~ 100 Hz: multiwavelength timing of MAXI J1820+070 with HiPERCAM and NICER. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019 , 490, L62-L66	4-3	17
58	A Self-Consistent Model for the Broadband Spectrum of Sagittarius A East at the Galactic Center. <i>Astrophysical Journal</i> , 1998 , 508, L65-L69	4-7	17
57	Shell-shocked: the interstellar medium near Cygnus X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 3579-3592	4-3	16
56	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021 , 911, L11	7-9	16
55	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	4-3	16
54	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022 , 930, L13	7-9	16
53	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022 , 930, L15	7-9	16
52	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> , 2016 , stw3150	4-3	15
51	From Multiwavelength to Mass Scaling: Accretion and Ejection in Microquasars and AGN. <i>Lecture Notes in Physics</i> , 2010 , 143-172	0.8	15
50	Black Hole Flares: Ejection of Accreted Magnetic Flux through 3D Plasmoid-mediated Reconnection. <i>Astrophysical Journal Letters</i> , 2022 , 924, L32	7-9	14
49	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022 , 930, L17	7-9	14
48	Simultaneous Monitoring of X-Ray and Radio Variability in Sagittarius A*. <i>Astrophysical Journal</i> , 2017 , 845, 35	4-7	13
47	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> ,	12.1	13
46	A Wildly Flickering Jet in the Black Hole X-Ray Binary MAXI J1535-071. <i>Astrophysical Journal</i> , 2018 , 867, 114	4-7	13
45	General relativistic MHD simulations of non-thermal flaring in Sagittarius A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 5281-5302	4-3	13
44	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	4-3	12

43	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	4.3	12
42	Rapid compact jet quenching in the Galactic black hole candidate X-ray binary MAXI J1535-571. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 5772-5785	4.3	12
41	What Is the Hidden Depolarization Mechanism in Low-luminosity AGNs?. <i>Astrophysical Journal Letters</i> , 2017 , 843, L31	7.9	11
40	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022 , 930, L19	7.9	11
39	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	4.7	10
38	A BLACK HOLE MASS-VARIABILITY TIMESCALE CORRELATION AT SUBMILLIMETER WAVELENGTHS. <i>Astrophysical Journal Letters</i> , 2015 , 811, L6	7.9	10
37	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	4.3	10
36	High-energy cosmic ray production in X-ray binary jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 3212-3222	4.3	10
35	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021 , 915, 99	4.7	10
34	Combining timing characteristics with physical broad-band spectral modelling of black hole X-ray binary GX 339-5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 3696-3714	4.3	9
33	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	4.3	9
32	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022 , 930, L21	7.9	9
31	A LOFAR DETECTION OF THE LOW-MASS YOUNG STAR T TAU AT 149 MHz. <i>Astrophysical Journal</i> , 2017 , 834, 206	4.7	8
30	X-ray spectral components of the blazar and binary black hole candidate OJ 287 (2005-2020). <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 5575-5587	4.3	8
29	The varying kinematics of multiple ejecta from the black hole X-ray binary MAXI J1820 + 070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 3393-3403	4.3	8
28	Constraining particle acceleration in Sgr A* with simultaneous GRAVITY, Spitzer, NuSTAR, and Chandra observations. <i>Astronomy and Astrophysics</i> ,	5.1	8
27	Breaking degeneracy in jet dynamics: multi-epoch joint modelling of the BL Lac PKS 2155-04. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 4798-4812	4.3	8
26	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022 , 930, L20	7.9	8

25	Relativistic AGN jets α II. Jet properties and mixing effects for episodic jet activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 3969-3985	4.3	7
24	No Sign of G2B Encounter Affecting Sgr A* β X-Ray Flaring Rate from Chandra Observations. <i>Astrophysical Journal</i> , 2019 , 884, 148	4.7	7
23	SYMBA: An end-to-end VLBI synthetic data generation pipeline. <i>Astronomy and Astrophysics</i> , 2020 , 636, A5	5.1	7
22	Correlating spectral and timing properties in the evolving jet of the microblazar MAXI J1836 α 194. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 5910-5926	4.3	7
21	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021 , 912, 35	4.7	7
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12	Blazar monitoring with LOFAR. <i>Proceedings of the International Astronomical Union</i> , 2014 , 10, 95-96	0.1	1
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