

Sera Markoff

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022 , 925, 13	4.7	2
167	Black Hole Flares: Ejection of Accreted Magnetic Flux through 3D Plasmoid-mediated Reconnection. <i>Astrophysical Journal Letters</i> , 2022 , 924, L32	7.9	14
166	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	4.3	1
165	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
164	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
163	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022 , 930, L17	7.9	14
162	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
161	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
160	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
159	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022 , 930, L18	7.9	7
158	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
157	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
156	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
155	Multiwavelength Variability of Sagittarius A* in 2019 July. <i>Astrophysical Journal</i> , 2022 , 931, 7	4.7	1
154	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	4.3	4
153	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	4.3	7
152	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021 , 910, L14	7.9	28

151	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
150	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
149	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021 , 911, L11	7.9	16
148	The high energy Universe at ultra-high resolution: the power and promise of X-ray interferometry. <i>Experimental Astronomy</i> , 2021 , 51, 1081	1.3	0
147	X-ray spectral components of the blazar and binary black hole candidate OJ 287 (2005â2020). <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 5575-5587	4.3	8
146	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021 , 912, 35	4.7	7
145	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
144	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021 , 910, L12	7.9	58
143	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021 , 915, 99	4.7	10
142	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
141	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
140	The Chandra High-resolution X-Ray Spectrum of Quiescent Emission from Sgr A*. <i>Astrophysical Journal</i> , 2020 , 891, 71	4.7	3
139	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
138	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
137	Monitoring the Morphology of M87* in 2009â2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020 , 901, 67	4.7	20
136	SYMBA: An end-to-end VLBI synthetic data generation pipeline. <i>Astronomy and Astrophysics</i> , 2020 , 636, A5	5.1	7
135	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
134	A new lepto-hadronic model applied to the first simultaneous multiwavelength data set for Cygnus Xâ1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 2112-2126	4.3	10

133	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
132	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
131	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020 , 897, 148	4.7	18
130	Infrared interferometry to spatially and spectrally resolve jets in X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 525-535	4.3	1
129	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
128	Relativistic AGN jets. III. Synthesis of synchrotron emission from double-double radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 3638-3657	4.3	0
127	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
126	The unique case of the AGN core of M87: a misaligned low power blazar?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 ,	4.3	6
125	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
124	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
123	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
122	A rapidly changing jet orientation in the stellar-mass black-hole system V404 Cygni. <i>Nature</i> , 2019 , 569, 374-377	5.4	45
121	Combining timing characteristics with physical broad-band spectral modelling of black hole X-ray binary GX 339-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 3696-3714	4.3	9
120	Simultaneous X-Ray and Infrared Observations of Sagittarius A* Variability. <i>Astrophysical Journal</i> , 2019 , 871,	4.7	20
119	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019 , 875, L3	7.9	267
118	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019 , 875, L2	7.9	325
117	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L4	7.9	411
116	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

115	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019 , 875, L5	7.9	429
114	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
113	Kinetic simulations of mildly relativistic shocks α . Particle acceleration in high Mach number shocks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5105-5119	4.3	41
112	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 243, 26	8	96
111	ALMA Observations of the Terahertz Spectrum of Sagittarius A*. <i>Astrophysical Journal Letters</i> , 2019 , 881, L2	7.9	26
110	ALMA observations of A0620: 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
109	Discovery of a radio transient in M81. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 1181-1196	4.3	4
108	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
107	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
106	Disk-Jet Coupling in the 2017/2018 Outburst of the Galactic Black Hole Candidate X-Ray Binary MAXI J1535-071. <i>Astrophysical Journal</i> , 2019 , 883, 198	4.7	35
105	No Sign of G2 Encounter Affecting Sgr A* X-Ray Flaring Rate from Chandra Observations. <i>Astrophysical Journal</i> , 2019 , 884, 148	4.7	7
104	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
103	Chandra Spectral and Timing Analysis of Sgr A* Brightest X-Ray Flares. <i>Astrophysical Journal</i> , 2019 , 886, 96	4.7	22
102	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
101	A Wildly Flickering Jet in the Black Hole X-Ray Binary MAXI J1535-071. <i>Astrophysical Journal</i> , 2018 , 867, 114	4.7	13
100	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
99	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
98	Relativistic Jets in Active Galactic Nuclei and Microquasars. <i>Space Science Reviews</i> , 2017 , 207, 5-61	7.5	89

97	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
96	A LOFAR DETECTION OF THE LOW-MASS YOUNG STAR T TAU AT 149 MHz. <i>Astrophysical Journal</i> , 2017 , 834, 206	4.7	8
95	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
94	Simultaneous Monitoring of X-Ray and Radio Variability in Sagittarius A*. <i>Astrophysical Journal</i> , 2017 , 845, 35	4.7	13
93	Paving the way to simultaneous multi-wavelength astronomy. <i>New Astronomy Reviews</i> , 2017 , 79, 26-48	7.9	6
92	Sagittarius $\{A\}$ * 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
91	What Is the Hidden Depolarization Mechanism in Low-luminosity AGNs?. <i>Astrophysical Journal Letters</i> , 2017 , 843, L31	7.9	11
90	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	4.3	4
89	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
88	Relativistic Jets in Active Galactic Nuclei and Microquasars. <i>Space Sciences Series of ISSI</i> , 2017 , 5-61	0.1	
87	Elusive Accretion Discs in Low Luminosity AGN. <i>Proceedings of the International Astronomical Union</i> , 2016 , 12, 192-195	0.1	
86	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
85	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
84	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
83	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
82	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
81	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
80	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

79	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
78	RADIO AND MILLIMETER MONITORING OF $\text{Sgr} \text{ A}^?$: SPECTRUM, VARIABILITY, AND CONSTRAINTS ON THE G2 ENCOUNTER. <i>Astrophysical Journal</i> , 2015 , 802, 69	4.7	90
77	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
76	A BLACK HOLE MASS-VARIABILITY TIMESCALE CORRELATION AT SUBMILLIMETER WAVELENGTHS. <i>Astrophysical Journal Letters</i> , 2015 , 811, L6	7.9	10
75	A CONNECTION BETWEEN PLASMA CONDITIONS NEAR BLACK HOLE EVENT HORIZONS AND OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2015 , 814, 139	4.7	34
74	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
73	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
72	Radio monitoring of the hard state jets in the 2011 outburst of MAXI J1836-94. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 1745-1759	4.3	45
71	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
70	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	5.1	65
69	THE X-RAY FLUX DISTRIBUTION OF SAGITTARIUS A* AS SEEN BY CHANDRA. <i>Astrophysical Journal</i> , 2015 , 799, 199	4.7	41
68	Blazar monitoring with LOFAR. <i>Proceedings of the International Astronomical Union</i> , 2014 , 10, 95-96	0.1	1
67	The accretionâ€”ejection coupling in the black hole candidate X-ray binary MAXI J1836-94. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 1390-1402	4.3	71
66	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
65	Linking accretion flow and particle acceleration in jets â€”I. 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
64	THE INTRINSIC TWO-DIMENSIONAL SIZE OF SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2014 , 790, 1	4.7	45
63	Exploring plasma evolution during Sagittarius A* flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 441, 1005-1016	4.3	25
62	Relativistic AGN jets â€”I. 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

61	Formation of the compact jets in the black hole GX 339-4. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013 , 431, L107-L111	4-3	71
60	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
59	AN EVOLVING COMPACT JET IN THE BLACK HOLE X-RAY BINARY MAXI J1836-094. <i>Astrophysical Journal Letters</i> , 2013 , 768, L35	7-9	62
58	Toward the event horizon—the supermassive black hole in the Galactic Center. <i>Classical and Quantum Gravity</i> , 2013 , 30, 244003	3-3	103
57	Linking accretion flow and particle acceleration in jets II. New relativistic magnetohydrodynamical jet solutions including gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 428, 587-598	4-3	27
56	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
55	ACHANDRA/HETGS CENSUS OF X-RAY VARIABILITY FROM Sgr A* DURING 2012. <i>Astrophysical Journal</i> , 2013 , 774, 42	4-7	123
54	Dissecting x-ray-emitting gas around the center of our galaxy. <i>Science</i> , 2013 , 341, 981-3	33-3	197
53	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
52	The 3 Ms Chandra campaign on Sgr A*: a census of X-ray flaring activity from the Galactic center. <i>Proceedings of the International Astronomical Union</i> , 2013 , 9, 374-378	0-1	
51	LOFAR: The LOW-Frequency ARray. <i>Astronomy and Astrophysics</i> , 2013 , 556, A2	5-1	1266
50	Disc-jet coupling in the 2009 outburst of the black hole candidate H1743-322. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , no-no	4-3	59
49	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
48	The black hole candidate XTE J1752-23 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
47	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
46	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
45	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
44	ACHANDRASURVEY OF SUPERMASSIVE BLACK HOLES WITH DYNAMICAL MASS MEASUREMENTS. <i>Astrophysical Journal</i> , 2012 , 749, 129	4-7	21

43	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
42	CHANDRA/HETGS OBSERVATIONS OF THE BRIGHTEST FLARE SEEN FROM Sgr A*. <i>Astrophysical Journal</i> , 2012 , 759, 95	4.7	101
41	MULTIWAVELENGTH OBSERVATIONS OF A0620-00 IN QUIESCENCE. <i>Astrophysical Journal</i> , 2011 , 743, 26	4.7	40
40	A JET MODEL FOR THE BROADBAND SPECTRUM OF THE SEYFERT 1 GALAXY NGC 4051. <i>Astrophysical Journal</i> , 2011 , 735, 107	4.7	19
39	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
38	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
37	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
36	Evidence for a compact jet dominating the broad-band spectrum of the black hole accretor XTE J1550-64. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , no-no	4.3	37
35	DETERMINING THE OPTIMAL LOCATIONS FOR SHOCK ACCELERATION IN MAGNETOHYDRODYNAMICAL JETS. <i>Astrophysical Journal</i> , 2010 , 723, 1343-1350	4.7	38
34	Revelations in our own backyard: Chandra's 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
33	Jets at lowest mass accretion rates. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 82-86	0.1	1
32	Fitting along the Fundamental Plane: New comparisons of jet physics across the black hole mass scale. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 250-254	0.1	1
31	GRS1915+105: a comparison of the plateau state to the canonical hard state. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 294-298	0.1	1
30	From Multiwavelength to Mass Scaling: Accretion and Ejection in Microquasars and AGN. <i>Lecture Notes in Physics</i> , 2010 , 143-172	0.8	15
29	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
28	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
27	THE FUNDAMENTAL PLANE OF ACCRETION ONTO BLACK HOLES WITH DYNAMICAL MASSES. <i>Astrophysical Journal</i> , 2009 , 706, 404-416	4.7	155
26	A time-dependent jet model for the emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2009 , 508, L13-L16	5.1	25

25	Polarized NIR and X-ray flares from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008 , 479, 625-639	5.1	65
24	Simultaneous NIR/sub-mm observation of flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008 , 492, 337-344	5.1	67
23	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
22	The millimetre variability of M 81*. <i>Astronomy and Astrophysics</i> , 2007 , 463, 551-557	5.1	18
21	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
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15	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
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13	A scheme to unify low-power accreting black holes. <i>Astronomy and Astrophysics</i> , 2004 , 414, 895-903	5.1	566
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