

Thomas Krichbaum

List of Publications by Year in descending order

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255
papers

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260
times ranked

5611
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.	8.3	2,264
2	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	8.3	897
3	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
4	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
5	Event-horizon-scale structure in the supermassive black hole candidate at the Galactic Centre. <i>Nature</i> , 2008, 455, 78-80.	27.8	699
6	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
7	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.	8.3	568
8	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
9	Jet-Launching Structure Resolved Near the Supermassive Black Hole in M87. <i>Science</i> , 2012, 338, 355-358.	12.6	336
10	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	8.3	297
11	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	8.3	215
12	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
13	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.	8.3	187
14	Optical and radio behaviour of the BL Lacertae object 0716+714. <i>Astronomy and Astrophysics</i> , 2003, 402, 151-169.	5.1	179
15	Rapid Variability in S5 0716+714 Across the Electromagnetic Spectrum. <i>Astronomical Journal</i> , 1996, 111, 2187.	4.7	178
16	Resolved magnetic-field structure and variability near the event horizon of Sagittarius A*. <i>Science</i> , 2015, 350, 1242-1245.	12.6	176
17	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	7.7	175
18	1.3 mm WAVELENGTH VLBI OF SAGITTARIUS A*: DETECTION OF TIME-VARIABLE EMISSION ON EVENT HORIZON SCALES. <i>Astrophysical Journal Letters</i> , 2011, 727, L36.	8.3	169

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19	Simultaneous <i>Planck</i> , <i>Swift</i> , and <i>Fermi</i> observations of X-ray and γ -ray selected blazars. <i>Astronomy and Astrophysics</i> , 2012, 541, A160.	5.1	166
20	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	8.3	163
21	The unprecedented optical outburst of the quasar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2006, 453, 817-822.	5.1	152
22	BlackHoleCam: Fundamental physics of the galactic center. <i>International Journal of Modern Physics D</i> , 2017, 26, 1730001.	2.1	148
23	Correlated radio and optical variability in the BL Lacertae object 0716 + 714. <i>Astrophysical Journal</i> , 1991, 372, L71.	4.5	146
24	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
25	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	8.3	137
26	The limb-brightened jet of M87 down to the 7 Schwarzschild radii scale. <i>Astronomy and Astrophysics</i> , 2018, 616, A188.	5.1	128
27	Detection of significant cm to sub-mm band radio and γ -ray correlated variability in Fermi bright blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 1899-1909.	4.4	116
28	A GLOBAL 86 GHZ VLBI SURVEY OF COMPACT RADIO SOURCES. <i>Astronomical Journal</i> , 2008, 136, 159-180.	4.7	105
29	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.	10.1	99
30	230 GHz VLBI OBSERVATIONS OF M87: EVENT-HORIZON-SCALE STRUCTURE DURING AN ENHANCED VERY-HIGH-ENERGY γ -RAY STATE IN 2012. <i>Astrophysical Journal</i> , 2015, 807, 150.	4.5	98
31	<i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A15.	5.1	93
32	Motion and properties of nuclear radio components in Seyfert galaxies seen with VLBI. <i>Astronomy and Astrophysics</i> , 2004, 417, 925-944.	5.1	91
33	Subrelativistic Radio Jets and Parsec-Scale Absorption in Two Seyfert Galaxies. <i>Astrophysical Journal</i> , 1999, 517, L81-L84.	4.5	89
34	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE <i>FERMI</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 810-827.	4.5	87
35	A new activity phase of the blazar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2008, 491, 755-766.	5.1	85
36	Annual Modulation in the Intraday Variability of Quasar 0917+624 due to Interstellar Scintillation. <i>Astrophysical Journal</i> , 2001, 550, L11-L14.	4.5	84

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37	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015, 576, A126.	5.1	84
38	Radio to gamma-ray variability study of blazar S5 0716+714. <i>Astronomy and Astrophysics</i> , 2013, 552, A11.	5.1	83
39	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009, 707, 727-737.	4.5	81
40	The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , 2019, 871, 30.	4.5	81
41	Intraday variability in compact extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2003, 401, 161-172.	5.1	79
42	Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5 0716+71. <i>Astronomy and Astrophysics</i> , 2008, 490, 1019-1037.	5.1	73
43	The stratified two-sided jet of Cygnus A. <i>Astronomy and Astrophysics</i> , 2016, 585, A33.	5.1	72
44	MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510-089 in early 2012. <i>Astronomy and Astrophysics</i> , 2014, 569, A46.	5.1	70
45	Simultaneous NIR/sub-mm observation of flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008, 492, 337-344.	5.1	69
46	Detection of Intrinsic Source Structure at $\sim \frac{1}{3}$ Schwarzschild Radii with Millimeter-VLBI Observations of SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2018, 859, 60.	4.5	67
47	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
48	Kinematic study of the blazar S5 0716+714. <i>Astronomy and Astrophysics</i> , 2005, 433, 815-825.	5.1	65
49	PERSISTENT ASYMMETRIC STRUCTURE OF SAGITTARIUS A* ON EVENT HORIZON SCALES. <i>Astrophysical Journal</i> , 2016, 820, 90.	4.5	65
50	A highly magnetized twin-jet base pinpoints a supermassive black hole. <i>Astronomy and Astrophysics</i> , 2016, 593, A47.	5.1	65
51	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	10.1	65
52	A 3.5 mm POLARIMETRIC SURVEY OF RADIO-LOUD ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , Supplement Series, 2010, 189, 1-14.	7.7	64
53	Superluminal non-ballistic jet swing in the quasar NRAO 150 revealed by mm-VLBI. <i>Astronomy and Astrophysics</i> , 2007, 476, L17-L20.	5.1	63
54	The WEBT campaign to observe AO 0235+16 in the 2003-2004 observing season. <i>Astronomy and Astrophysics</i> , 2005, 438, 39-53.	5.1	62

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55	Planck early results. XIV. ERCSC validation and extreme radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A14.	5.1	61
56	Location of γ -ray emission and magnetic field strengths in OJ 287. <i>Astronomy and Astrophysics</i> , 2017, 597, A80.	5.1	61
57	Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5 0716+71. <i>Astronomy and Astrophysics</i> , 2006, 451, 797-807.	5.1	58
58	Radio observations of active galactic nuclei with mm-VLBI. <i>Astronomy and Astrophysics Review</i> , 2017, 25, 1.	25.5	58
59	Multifrequency variability of the blazar AO 0235+164. <i>Astronomy and Astrophysics</i> , 2006, 459, 731-743.	5.1	58
60	Multiwavelength intraday variability of the BL Lacertae S5 0716+714. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1357-1370.	4.4	57
61	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	8.3	56
62	F-GAMMA: variability Doppler factors of blazars from multiwavelength monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 4625-4632.	4.4	55
63	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
64	Radio jet emission from GeV-emitting narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2015, 575, A55.	5.1	54
65	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	54
66	The high activity of 3C 454.3 in autumn 2007. <i>Astronomy and Astrophysics</i> , 2008, 485, L17-L20.	5.1	52
67	Constraining the location of rapid gamma-ray flares in the flat spectrum radio quasar 3C 273. <i>Astronomy and Astrophysics</i> , 2013, 557, A71.	5.1	52
68	IMAGING AN EVENT HORIZON: MITIGATION OF SOURCE VARIABILITY OF SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2016, 817, 173.	4.5	51
69	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	4.5	51
70	Radio and γ -ray follow-up of the exceptionally high-activity state of PKS 1510–089 in 2011. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 2418-2429.	4.4	50
71	Intraday variability in compact extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2000, 141, 221-256.	2.1	50
72	Radio-to-UV monitoring of AO 0235+164 by the WEBT and Swift during the 2006–2007 outburst. <i>Astronomy and Astrophysics</i> , 2008, 480, 339-347.	5.1	49

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73	FIRST <i>NuSTAR</i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	4.5	49
74	Expansion of SN 1993J. <i>Science</i> , 1995, 270, 1475-1478.	12.6	48
75	Discovery of shell-like radio-structure in SN1993J. <i>Nature</i> , 1995, 373, 44-45.	27.8	47
76	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	4.5	47
77	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	4.5	44
78	First 3 α mm-VLBI imaging of the two-sided jet in Cygnus A. <i>Astronomy and Astrophysics</i> , 2016, 588, L9.	5.1	44
79	Radio-to- γ -ray monitoring of the narrow-line Seyfert 1 galaxy PMN J0948+0022 from 2008 to 2011. <i>Astronomy and Astrophysics</i> , 2012, 548, A106.	5.1	43
80	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	4.5	43
81	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	8.3	43
82	The F-GAMMA programme: multi-frequency study of active galactic nuclei in the <i>Fermi</i> era. <i>Astronomy and Astrophysics</i> , 2016, 596, A45.	5.1	42
83	VLBA monitoring of Mrk 421 at 15 α GHz and 24 α GHz during 2011. <i>Astronomy and Astrophysics</i> , 2012, 545, A117.	3.1	41
84	Sub-Milliarcsecond Imaging of Sgr A* and M 87. <i>Journal of Physics: Conference Series</i> , 2006, 54, 328-334.	0.4	39
85	Long-term monitoring of selected radio sources. <i>Astronomy and Astrophysics</i> , 2000, 145, 1-10.	2.1	39
86	Multiwavelength VLBI observations of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2011, 525, A76.	5.1	38
87	On the calibration of full-polarization 86 α GHz global VLBI observations. <i>Astronomy and Astrophysics</i> , 2012, 542, A107.	5.1	38
88	Jet outflow and gamma-ray emission correlations in S5 0716+714. <i>Astronomy and Astrophysics</i> , 2014, 571, L2.	5.1	37
89	NUclei of GALaxies. <i>Astronomy and Astrophysics</i> , 2007, 464, 553-563.	5.1	37
90	Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5 0716+71. <i>Astronomy and Astrophysics</i> , 2006, 456, 117-129.	5.1	35

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91	Connection between inner jet kinematics and broadband flux variability in the BL Lacertae object S5 0716+714. <i>Astronomy and Astrophysics</i> , 2015, 578, A123.	5.1	35
92	Evidence for a large-scale helical magnetic field in the quasar 3C 454.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3341-3356.	4.4	34
93	PKS 1502+106: A high-redshift Fermi blazar at extreme angular resolution. <i>Astronomy and Astrophysics</i> , 2016, 586, A60.	5.1	34
94	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. <i>Astronomy and Astrophysics</i> , 2018, 619, A45.	5.1	32
95	Jet collimation in NGC 315 and other nearby AGN. <i>Astronomy and Astrophysics</i> , 2021, 647, A67.	5.1	32
96	Intraday Variability in Northern Hemisphere Radio Sources. <i>Publications of the Astronomical Society of Australia</i> , 2002, 19, 14-18.	3.4	31
97	The IDV source J1128+5925, a new candidate for annual modulation?. <i>Astronomy and Astrophysics</i> , 2007, 470, 83-95.	5.1	31
98	Jet-cloud collisions in the jet of the Seyfert galaxy NGC 3079. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 731-740.	4.4	31
99	Evidence of internal rotation and a helical magnetic field in the jet of the quasar NRAO 150. <i>Astronomy and Astrophysics</i> , 2014, 566, A26.	5.1	31
100	A Possible Periodicity in the Radio Light Curves of 3C 454.3. <i>Research in Astronomy and Astrophysics</i> , 2007, 7, 364-374.	1.1	30
101	FINE-SCALE STRUCTURE OF THE QUASAR 3C 279 MEASURED WITH 1.3 mm VERY LONG BASELINE INTERFEROMETRY. <i>Astrophysical Journal</i> , 2013, 772, 13.	4.5	30
102	Exploring the nature of the broadband variability in the flat spectrum radio quasar 3C 273. <i>Astronomy and Astrophysics</i> , 2016, 590, A61.	5.1	30
103	A Major Radio Outburst in III Z [CLC] _w [CLC] 2 with an Extremely Inverted, Millimeter-peaked Spectrum. <i>Astrophysical Journal</i> , 1999, 514, L17-L20.	4.5	30
104	Spatially resolved origin of millimeter-wave linear polarization in the nuclear region of 3C 84. <i>Astronomy and Astrophysics</i> , 2019, 622, A196.	5.1	29
105	The multifrequency campaign on 3C 279 in January 2006. <i>Astronomy and Astrophysics</i> , 2010, 522, A66.	5.1	28
106	Long-term variability of extragalactic radio sources in the Planck Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2013, 553, A107.	5.1	28
107	A historic jet-emission minimum reveals hidden spectral features in 3C 273. <i>Astronomy and Astrophysics</i> , 2006, 451, L1-L4.	5.1	27
108	Intra-day variability observations of S5 0716+714 over 4.5 years at 4.8 GHz. <i>Astronomy and Astrophysics</i> , 2012, 543, A78.	5.1	26

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109	Inner jet kinematics and the viewing angle towards the \hat{I}^3 -ray narrow-line Seyfert 1 galaxy 1H 0323+342. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 176.	1.7	26
110	Wisps in the Galactic center: Near-infrared triggered observations of the radio source Sgr \hat{A}^* at 43 \hat{A}° GHz. <i>Astronomy and Astrophysics</i> , 2016, 587, A37.	5.1	26
111	ACCELERATION OF COMPACT RADIO JETS ON SUB-PARSEC SCALES. <i>Astrophysical Journal</i> , 2016, 826, 135.	4.5	26
112	X-ray emission from the blazar AO 0235+16: the XMM-Newton and Chandra point of view. <i>Astronomy and Astrophysics</i> , 2006, 452, 845-856.	5.1	26
113	Dual-Frequency VSOP Imaging of the Jet in S5 0836+710. <i>Publication of the Astronomical Society of Japan</i> , 2006, 58, 253-259.	2.5	25
114	F-GAMMA: On the phenomenological classification of continuum radio spectra variability patterns of $\langle i \rangle$ Fermi $\langle /i \rangle$ blazars. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012007.	0.4	25
115	The simultaneous low state spectral energy distribution of 1ES \hat{A}° 2344+514 from radio to very high energies. <i>Astronomy and Astrophysics</i> , 2013, 556, A67.	5.1	25
116	Very Long Baseline polarimetry and the $\langle i \rangle \hat{I}^3 \langle /i \rangle$ -ray connection in Markarian 421 during the broadband campaign in 2011. <i>Astronomy and Astrophysics</i> , 2014, 571, A54.	5.1	25
117	Coordinated NIR/mm observations of flare emission from Sagittarius \hat{A}^* . <i>Astronomy and Astrophysics</i> , 2010, 517, A46.	5.1	24
118	The TeV blazar Markarian 421 at the highest spatial resolution. <i>Astronomy and Astrophysics</i> , 2013, 559, A75.	5.1	24
119	50 \hat{I}^4 as resolution VLBI images of AGN's at \hat{I}° 3 \hat{A}° mm. <i>Astronomy and Astrophysics</i> , 1998, 131, 451-467.	2.1	24
120	Probing the innermost regions of AGN jets and their magnetic fields with RadioAstron. <i>Astronomy and Astrophysics</i> , 2017, 604, A111.	5.1	23
121	What can the 2008/10 broadband flare of PKS \hat{A}° 1502+106 tell us?. <i>Astronomy and Astrophysics</i> , 2016, 590, A48.	5.1	22
122	Space-VLBI \hat{A}° polarimetry of the BL \hat{A}° Lacertae object S5 0716+714: rapid polarization variability in the VLBI \hat{A}° core. <i>Astronomy and Astrophysics</i> , 2006, 452, 83-95.	5.1	22
123	Simultaneous Radio to (Sub-) mm-Monitoring of Variability and Spectral Shape Evolution of potential GLAST Blazars. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	21
124	Asymmetric structure in Sgr \hat{A}^* at 3 \hat{A}° mm from closure phase measurements with VLBA, GBT and LMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1382-1392.	4.4	21
125	F-GAMMA: Multi-frequency radio monitoring of $\langle i \rangle$ Fermi $\langle /i \rangle$ blazars. <i>Astronomy and Astrophysics</i> , 2019, 626, A60.	5.1	21
126	Global millimeter VLBI array survey of ultracompact extragalactic radio sources at 86 GHz. <i>Astronomy and Astrophysics</i> , 2019, 622, A92.	5.1	21

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127	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.	5.1	21
128	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	8.3	21
129	Very-long-baseline radio interferometry (VLBI) observations of gamma-ray blazars: results from millimeter-VLBI observations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11377-11380.	7.1	20
130	Annual Modulation in the Variability Properties of the IDV Source 0917+624?. <i>Publications of the Astronomical Society of Australia</i> , 2002, 19, 64-68.	3.4	20
131	Search for Electron–Positron Annihilation Radiation from the Jet in 3C 120. <i>Astrophysical Journal</i> , 2007, 665, 232-236.	4.5	20
132	Radio and optical intra-day variability observations of five blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2457-2463.	4.4	20
133	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022, 930, L21.	8.3	20
134	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022, 930, L20.	8.3	20
135	The radio lightcurve of SN 2008iz in M82 revealed by Urumqi observations. <i>Astronomy and Astrophysics</i> , 2010, 509, A47.	5.1	19
136	Full-Stokes polarimetry with circularly polarized feeds. <i>Astronomy and Astrophysics</i> , 2018, 609, A68.	5.1	19
137	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021, 915, 99.	4.5	19
138	RESOLVING THE INNER JET STRUCTURE OF 1924-292 WITH THE EVENT HORIZON TELESCOPE. <i>Astrophysical Journal Letters</i> , 2012, 757, L14.	8.3	18
139	SYMBA: An end-to-end VLBI synthetic data generation pipeline. <i>Astronomy and Astrophysics</i> , 2020, 636, A5.	5.1	18
140	Rapid polarization variations at 20 cm in 0917+624. <i>Astronomy and Astrophysics</i> , 2001, 367, 770-779.	5.1	18
141	Quasi-simultaneous multi-frequency observations of inverted-spectrum GPS candidate sources. <i>Astronomy and Astrophysics</i> , 2008, 489, 49-55.	5.1	17
142	High cadence, linear, and circular polarization monitoring of OJ 287. <i>Astronomy and Astrophysics</i> , 2018, 619, A88.	5.1	17
143	A seasonal cycle and an abrupt change in the variability characteristics of the intraday variable source S4 0954+65. <i>Astronomy and Astrophysics</i> , 2012, 542, A121.	5.1	17
144	High-frequency very long baseline interferometry studies of NRAO 530. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 2260-2272.	4.4	16

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145	Resolving the Base of the Relativistic Jet in M87 at 6Rsch Resolution with Global mm-VLBI. <i>Galaxies</i> , 2016, 4, 39.	3.0	16
146	The radio structure of S5 1803+784. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 966-974.	4.4	15
147	Periodicity of the ejection of superluminal components in 3C345. <i>Research in Astronomy and Astrophysics</i> , 2009, 9, 137-150.	1.7	15
148	First 230GHz VLBI fringes on 3C 279 using the APEX Telescope. <i>Astronomy and Astrophysics</i> , 2015, 581, A32.	5.1	15
149	Probing the gamma-ray variability in 3C 279 using broad-band observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 418-427.	4.4	15
150	The jet collimation profile at high resolution in BL Lacertae. <i>Astronomy and Astrophysics</i> , 2021, 649, A153.	5.1	14
151	Morphology of high-luminosity compact radio sources.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11348-11355.	7.1	13
152	Large-scale motion, oscillations and a possible halo on the counter-jet side in 1803+784. <i>Astronomy and Astrophysics</i> , 2005, 444, 443-454.	5.1	13
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