

Thomas Krichbaum

List of Publications by Year in descending order

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255
papers

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23567

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5611
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambilateral collimation study of the twin-jets in NGC 1052. <i>Astronomy and Astrophysics</i> , 2022, 658, A119.	5.1	11
2	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	4.5	6
3	The Intrinsic Structure of Sagittarius A* at 1.3 cm and 7 mm. <i>Astrophysical Journal</i> , 2022, 926, 108.	4.5	13
4	MOMO \hat{a} V. Effelsberg, <i>Swift</i>, and <i>Fermi</i> study of the blazar and supermassive binary black hole candidate OJ 287 in a period of high activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3165-3179.	4.4	5
5	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
6	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
7	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
8	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
9	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
10	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
11	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	8.3	21
12	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
13	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
14	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
15	Unraveling the Innermost Jet Structure of OJ 287 with the First GMVA + ALMA Observations. <i>Astrophysical Journal</i> , 2022, 932, 72.	4.5	12
16	Intra-Day Variability Observations of Two Dozens of Blazars at 4.8 GHz. <i>Universe</i> , 2021, 7, 15.	2.5	1
17	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	8.3	215
18	Jet collimation in NGC 315 and other nearby AGN. <i>Astronomy and Astrophysics</i> , 2021, 647, A67.	5.1	32

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19	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
20	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
21	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	8.3	56
22	The jet collimation profile at high resolution in BL Lacertae. <i>Astronomy and Astrophysics</i> , 2021, 649, A153.	5.1	14
23	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	4.5	43
24	Pinpointing the jet apex of 3C 84. <i>Astronomy and Astrophysics</i> , 2021, 650, L18.	5.1	9
25	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	10.1	65
26	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021, 915, 99.	4.5	19
27	Possible evidence for a supermassive binary black hole in 3C454.3. <i>Astronomy and Astrophysics</i> , 2021, 653, A7.	5.1	4
28	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	4.5	44
29	Localizing the γ -ray emitting region in the blazar TXS 2019+370. <i>Astronomy and Astrophysics</i> , 2020, 634, A112.	5.1	8
30	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	4.5	47
31	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
32	Multiband RadioAstron space VLBI imaging of the jet in quasar S5 0836+710. <i>Astronomy and Astrophysics</i> , 2020, 641, A40.	5.1	8
33	SYMBA: An end-to-end VLBI synthetic data generation pipeline. <i>Astronomy and Astrophysics</i> , 2020, 636, A5.	5.1	18
34	Sub-milliarcsecond imaging of a bright flare and ejection event in the extragalactic jet 3C 111. <i>Astronomy and Astrophysics</i> , 2020, 644, A85.	5.1	6
35	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	4.5	51
36	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal</i> , Supplement Series, 2019, 243, 26.	7.7	175

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37	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
38	F-GAMMA: Multi-frequency radio monitoring of <i>Fermi</i> blazars. <i>Astronomy and Astrophysics</i> , 2019, 626, A60.	5.1	21
39	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
40	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
41	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
42	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
43	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
44	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
45	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
46	Global millimeter VLBI array survey of ultracompact extragalactic radio sources at 86 GHz. <i>Astronomy and Astrophysics</i> , 2019, 622, A92.	5.1	21
47	Micro-arcsecond structure of Sagittarius A* revealed by high-sensitivity 86 GHz VLBI observations. <i>Astronomy and Astrophysics</i> , 2019, 621, A119.	5.1	9
48	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
49	Possible evidence of a supermassive black hole binary with two radio jets in blazar 3C279. <i>Astronomy and Astrophysics</i> , 2019, 621, A11.	5.1	8
50	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
51	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
52	The limb-brightened jet of M87 down to the 7 Schwarzschild radii scale. <i>Astronomy and Astrophysics</i> , 2018, 616, A188.	5.1	128
53	High cadence, linear, and circular polarization monitoring of OJ 287. <i>Astronomy and Astrophysics</i> , 2018, 619, A88.	5.1	17
54	Full-Stokes polarimetry with circularly polarized feeds. <i>Astronomy and Astrophysics</i> , 2018, 609, A68.	5.1	19

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55	Detection of Intrinsic Source Structure at $\sim 1/3$ Schwarzschild Radii with Millimeter-VLBI Observations of SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2018, 859, 60.	4.5	67
56	Model simulation of jet precession in quasar PG 1302-102. <i>Astronomy and Astrophysics</i> , 2018, 615, A123.	5.1	8
57	Effelsberg Monitoring of a Sample of RadioAstron Blazars: Analysis of Intra-Day Variability. <i>Galaxies</i> , 2018, 6, 49.	3.0	7
58	The 1.4Åmm Core of Centaurus A: First VLBI Results with the South Pole Telescope. <i>Astrophysical Journal</i> , 2018, 861, 129.	4.5	6
59	Location of γ -ray emission and magnetic field strengths in OJ287. <i>Astronomy and Astrophysics</i> , 2017, 597, A80.	5.1	61
60	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
61	Probing the innermost regions of AGN jets and their magnetic fields with RadioAstron. <i>Astronomy and Astrophysics</i> , 2017, 604, A111.	5.1	23
62	Possible quasi-periodic ejections in quasar B1308+326. <i>Astronomy and Astrophysics</i> , 2017, 604, A90.	5.1	4
63	Multiwavelength variability analysis of the blazar 3C 273. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
64	BlackHoleCam: Fundamental physics of the galactic center. , 2017, , .		5
65	Radio observations of active galactic nuclei with mm-VLBI. <i>Astronomy and Astrophysics Review</i> , 2017, 25, 1.	25.5	58
66	BlackHoleCam: Fundamental physics of the galactic center. <i>International Journal of Modern Physics D</i> , 2017, 26, 1730001.	2.1	148
67	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
68	The Disk-Driven Jet of Cygnus A. <i>Galaxies</i> , 2017, 5, 22.	3.0	1
69	3 mm GMVA Observations of Total and Polarized Emission from Blazar and Radio Galaxy Core Regions. <i>Galaxies</i> , 2017, 5, 67.	3.0	12
70	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
71	The African Millimetre Telescope. , 2017, , .		8
72	Looking for the first time into the heart of the blazar TXS 2013+370. , 2017, , .		0

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73	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
74	Inner jet kinematics and the viewing angle towards the $\hat{\nu}^3$ -ray narrow-line Seyfert 1 galaxy 1H 0323+342. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 176.	1.7	26
75	PKS 1502+106: A high-redshift Fermi blazar at extreme angular resolution. <i>Astronomy and Astrophysics</i> , 2016, 586, A60.	5.1	34
76	Multiwavelength Picture of the Blazar S5 0716+714 during Its Brightest Outburst. <i>Galaxies</i> , 2016, 4, 69.	3.0	1
77	Discovery of off-axis jet structure of TeV blazar Mrk 501 with mm-VLBI. <i>Astronomy and Astrophysics</i> , 2016, 586, A113.	5.1	11
78	The stratified two-sided jet of Cygnus A. <i>Astronomy and Astrophysics</i> , 2016, 585, A33.	5.1	72
79	Wisps in the Galactic center: Near-infrared triggered observations of the radio source Sgr A* at 43 GHz. <i>Astronomy and Astrophysics</i> , 2016, 587, A37.	5.1	26
80	Exploring the Magnetic Field Configuration in BL Lac Using GMVA. <i>Galaxies</i> , 2016, 4, 32.	3.0	3
81	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
82	Direct Imaging of a Toroidal Magnetic Field in the Inner Jet of NRAO 150. <i>Galaxies</i> , 2016, 4, 70.	3.0	1
83	Location and origin of gamma-rays in blazars. <i>Journal of Physics: Conference Series</i> , 2016, 718, 052032.	0.4	4
84	NIR triggered observations of Sgr A* at 43 GHz. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 52-53.	0.0	0
85	What can the 2008/10 broadband flare of PKS 1502+106 tell us?. <i>Astronomy and Astrophysics</i> , 2016, 590, A48.	5.1	22
86	Asymmetric structure in Sgr A* at 3Åmm 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
87	PERSISTENT ASYMMETRIC STRUCTURE OF SAGITTARIUS A* ON EVENT HORIZON SCALES. <i>Astrophysical Journal</i> , 2016, 820, 90.	4.5	65
88	ACCELERATION OF COMPACT RADIO JETS ON SUB-PARSEC SCALES. <i>Astrophysical Journal</i> , 2016, 826, 135.	4.5	26
89	A highly magnetized twin-jet base pinpoints a supermassive black hole. <i>Astronomy and Astrophysics</i> , 2016, 593, A47.	5.1	65
90	IMAGING AN EVENT HORIZON: MITIGATION OF SOURCE VARIABILITY OF SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2016, 817, 173.	4.5	51

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91	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
92	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
93	mm-VLBI observations of the active galaxy 3C111 in outburst. , 2016, , .		1
94	Zooming towards the Event Horizon - mm-VLBI today and tomorrow. , 2016, , .		0
95	The latest results from the Global mm-VLBI Array. , 2016, , .		0
96	VLBI at APEX: First fringes. , 2016, , .		0
97	Intra-day variability observations and the VLBI structure analysis of quasar S4 α 0917+624. <i>Astronomy and Astrophysics</i> , 2015, 578, A34.	5.1	8
98	Radio jet emission from GeV-emitting narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2015, 575, A55.	5.1	54
99	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
100	First 230 α GHz VLBI fringes on 3C 279 using the APEX Telescope. <i>Astronomy and Astrophysics</i> , 2015, 581, A32.	5.1	15
101	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015, 576, A126.	5.1	84
102	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
103	No asymmetric outflows from Sagittarius A* during the pericenter passage of the gas cloud G2. <i>Astronomy and Astrophysics</i> , 2015, 576, L16.	5.1	12
104	Resolved magnetic-field structure and variability near the event horizon of Sagittarius A*. <i>Science</i> , 2015, 350, 1242-1245.	12.6	176
105	230 GHz VLBI OBSERVATIONS OF M87: EVENT α HORIZON α SCALE STRUCTURE DURING AN ENHANCED VERY α HIGH α ENERGY γ RAY STATE IN 2012. <i>Astrophysical Journal</i> , 2015, 807, 150.	4.5	98
106	Millimeter VLBI observations: Black Hole Physics and the Origin of Jets. , 2015, , .		0
107	High resolution mm-VLBI imaging of Cygnus A. , 2015, , .		0
108	The off-axis jet structure in Mrk 501 at mm-wavelengths. , 2015, , .		0

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109	Localizing the gamma rays from blazar PKS 1502+106. , 2015, , .		0
110	Perplexing correlations between Gamma-ray emission and parsec-scale jet orientation variations in the BL Lac object S5 0716+714. , 2015, , .		0
111	5 year Global 3-mm VLBI survey of Gamma-ray active blazars. , 2015, , .		0
112	Very Long Baseline Polarimetry and the Gamma-ray connection in Markarian 421 during the broadband campaign in 2011. , 2015, , .		0
113	Very Long Baseline polarimetry and the γ -ray connection in Markarian 421 during the broadband campaign in 2011. Astronomy and Astrophysics, 2014, 571, A54.	5.1	25
114	Jet outflow and gamma-ray emission correlations in S5 0716+714. Astronomy and Astrophysics, 2014, 571, L2.	5.1	37
115	Evidence of internal rotation and a helical magnetic field in the jet of the quasar NRAO 150. Astronomy and Astrophysics, 2014, 566, A26.	5.1	31
116	A possible precessing nozzle and the Lense-Thirring effect in blazar 3C 454.3. Research in Astronomy and Astrophysics, 2014, 14, 249-274.	1.7	13
117	Detection of significant cm to sub-mm band radio and γ -ray correlated variability in Fermi bright blazars. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1899-1909.	4.4	116
118	MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510+089 in early 2012. Astronomy and Astrophysics, 2014, 569, A46.	5.1	70
119	Two active states of the narrow-line gamma-ray-loud AGN GB 1310+487. Astronomy and Astrophysics, 2014, 565, A26.	5.1	4
120	2251+158 (3C 454.3): detection of an arc-like structure on parsec scales. Astronomy and Astrophysics, 2013, 557, A37.	5.1	9
121	Evidence for a large-scale helical magnetic field in the quasar 3C 454.3. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3341-3356.	4.4	34
122	IDV observations & study of the quasar 0917+624. Astrophysics and Space Science, 2013, 346, 15-17.	1.4	3
123	Radio to gamma-ray variability study of blazar S5 0716+714. Astronomy and Astrophysics, 2013, 552, A11.	5.1	83
124	Radio and γ -ray follow-up of the exceptionally high-activity state of PKS 1510+089 in 2011. Monthly Notices of the Royal Astronomical Society, 2013, 428, 2418-2429.	4.4	50
125	FINE-SCALE STRUCTURE OF THE QUASAR 3C 279 MEASURED WITH 1.3 mm VERY LONG BASELINE INTERFEROMETRY. Astrophysical Journal, 2013, 772, 13.	4.5	30
126	The TeV blazar Markarian 421 at the highest spatial resolution. Astronomy and Astrophysics, 2013, 559, A75.	5.1	24

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127	The simultaneous low state spectral energy distribution of 1ES2344+514 from radio to very high energies. <i>Astronomy and Astrophysics</i> , 2013, 556, A67.	5.1	25
128	Long-term variability of extragalactic radio sources in the <i>Planck</i> Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2013, 553, A107.	5.1	28
129	Two-year monitoring of intra-day variability of quasar 1156+295 at 4.8 GHz. <i>Astronomy and Astrophysics</i> , 2013, 555, A134.	5.1	12
130	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
131	Rapid variability: what do we learn from correlated mm-/gamma-ray variability in jets?. , 2013, , .		0
132	Properties of the radio jet emission of gamma-ray Narrow Line Seyfert 1s. , 2013, , .		0
133	Radio observations of the first three-months of <i>Fermi</i> AGN at 4.8 GHz. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 147-157.	1.7	5
134	The parsec-scale jet of PKS1749+096. <i>Astronomy and Astrophysics</i> , 2012, 544, A89.	5.1	11
135	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
136	VLBA monitoring of Mrk 421 at 15 GHz and 24 GHz during 2011. <i>Astronomy and Astrophysics</i> , 2012, 545, A117.	5.1	41
137	RESOLVING THE INNER JET STRUCTURE OF 1924-292 WITH THE EVENT HORIZON TELESCOPE. <i>Astrophysical Journal Letters</i> , 2012, 757, L14.	8.3	18
138	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
139	Detecting supermassive binary black holes with VLBI - discovery of a ring-structure in 3C454.3. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012029.	0.4	4
140	F-GAMMA: On the phenomenological classification of continuum radio spectra variability patterns of <i>Fermi</i> blazars. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012007.	0.4	25
141	A search for linear polarization in the active galactic nucleus 3C84 at 239 and 348 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1192-1198.	4.4	8
142	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
143	Jet-Launching Structure Resolved Near the Supermassive Black Hole in M87. <i>Science</i> , 2012, 338, 355-358.	12.6	336
144	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

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145	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
146	On the calibration of full-polarization 86 GHz global VLBI observations. <i>Astronomy and Astrophysics</i> , 2012, 542, A107.	5.1	38
147	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
148	On the influence of the Sun on the rapid variability of compact extragalactic sources. <i>Astronomy and Astrophysics</i> , 2011, 530, A129.	5.1	3
149	Planck early results. XIV. ERCSC validation and extreme radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A14.	5.1	61
150	Planck 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
151	Multiwavelength VLBI observations of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2011, 525, A76.	5.1	38
152	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
153	IDV Observations of BL 0716+714 at 5 GHz. <i>Journal of Astrophysics and Astronomy</i> , 2011, 32, 57-58.	1.0	0
154	Radio Variability of First 3-Month Fermi Blazars at 5 GHz: Affected by Interstellar Scintillation?. <i>Journal of Astrophysics and Astronomy</i> , 2011, 32, 29-32.	1.0	1
155	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
156	Intraday Variability and the Local Interstellar Medium. , 2011, , .		0
157	A 3.5 mm POLARIMETRIC SURVEY OF RADIO-LOUD ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal, Supplement Series</i> , 2010, 189, 1-14.	7.7	64
158	High resolution studies of the IDV quasar J1128+592. <i>Journal of Physics: Conference Series</i> , 2010, 218, 012013.	0.4	0
159	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 810-827.	4.5	87
160	Progress of research on AGNs at the Urumqi Observatory. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 244-246.	5.1	0
161	The multifrequency campaign on 3C 279 in January 2006. <i>Astronomy and Astrophysics</i> , 2010, 522, A66.	5.1	28
162	The radio lightcurve of SN 2008iz in M82 revealed by Urumqi observations. <i>Astronomy and Astrophysics</i> , 2010, 509, A47.	5.1	19

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163	Coordinated NIR/mm observations of flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2010, 517, A46.	5.1	24
164	3mm POLARIZATION PROPERTIES OF OPTICAL AND γ -RAY CLASSES OF BLAZARS. <i>International Journal of Modern Physics D</i> , 2010, 19, 923-929.	2.1	0
165	A new three-stage evolution model for millimeter to centimeter wavelength outbursts in BL Lacertae. <i>Research in Astronomy and Astrophysics</i> , 2010, 10, 47-66.	1.7	4
166	Very Long Baseline Array observations of the intraday variable source J1128+592. <i>Astronomy and Astrophysics</i> , 2009, 508, 161-171.	5.1	8
167	Periodicity of the ejection of superluminal components in 3C345. <i>Research in Astronomy and Astrophysics</i> , 2009, 9, 137-150.	1.7	15
168	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
169	Multi-frequency measurements of the NVSS foreground sources in the cosmic background imager fields. <i>Astronomy and Astrophysics</i> , 2009, 501, 801-812.	5.1	9
170	Resolving the jet in Cygnus A. , 2009, , .		0
171	Towards mm-VLBI. , 2009, , .		0
172	Event-horizon-scale structure in the supermassive black hole candidate at the Galactic Centre. <i>Nature</i> , 2008, 455, 78-80.	27.8	699
173	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
174	A GLOBAL 86 GHZ VLBI SURVEY OF COMPACT RADIO SOURCES. <i>Astronomical Journal</i> , 2008, 136, 159-180.	4.7	105
175	High-frequency VLBI observations of Sgr A* during a multi-frequency campaign in May 2007. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012059.	0.4	2
176	Quasi-simultaneous multi-frequency observations of inverted-spectrum GPS candidate sources. <i>Astronomy and Astrophysics</i> , 2008, 489, 49-55.	5.1	17
177	The high activity of 3C 454.3 in autumn 2007. <i>Astronomy and Astrophysics</i> , 2008, 485, L17-L20.	5.1	52
178	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
179	A new activity phase of the blazar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2008, 491, 755-766.	5.1	85
180	Simultaneous NIR/sub-mm observation of flare emission from Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2008, 492, 337-344.	5.1	69

#	ARTICLE	IF	CITATIONS
181	Simultaneous Radio to (Sub-) mm-Monitoring of Variability and Spectral Shape Evolution of potential GLAST Blazars. AIP Conference Proceedings, 2007, , .	0.4	21
182	Refractive Focusing of Interstellar Clouds and Intraday Polarization Angle Swings. Research in Astronomy and Astrophysics, 2007, 7, 215-223.	1.1	0
183	A Possible Periodicity in the Radio Light Curves of 3C 454.3. Research in Astronomy and Astrophysics, 2007, 7, 364-374.	1.1	30
184	Search for Electron-Positron Annihilation Radiation from the Jet in 3C 120. Astrophysical Journal, 2007, 665, 232-236.	4.5	20
185	The IDV source J1128+5925, a new candidate for annual modulation?. Astronomy and Astrophysics, 2007, 470, 83-95.	5.1	31
186	Superluminal non-ballistic jet swing in the quasar NRAO 150 revealed by mm-VLBI. Astronomy and Astrophysics, 2007, 476, L17-L20.	5.1	63
187	Jet-cloud collisions in the jet of the Seyfert galaxy NGC 3079. Monthly Notices of the Royal Astronomical Society, 2007, 377, 731-740.	4.4	31
188	NUclei of GALaxies. Astronomy and Astrophysics, 2007, 464, 553-563.	5.1	37
189	A global 86-GHz VLBI survey of compact radio sources. , 2007, , .		0
190	Kinematic studies of the IDV quasar 0917+624. , 2007, , .		0
191	Effects of the turbulent ISM on radio observations of quasars. , 2007, , .		0
192	VLBI at the highest frequencies - AGN studied with micro-arcsecond resolution. , 2007, , .		1
193	Rapid and correlated variability of blazar S5 0716+71 from radio- to sub-mm bands. , 2007, , .		0
194	A historic jet-emission minimum reveals hidden spectral features in 3C 273. Astronomy and Astrophysics, 2006, 451, L1-L4.	5.1	27
195	Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5 0716+71. Astronomy and Astrophysics, 2006, 451, 797-807.	5.1	58
196	High frequency VLBI observations of the scatter-broadened quasar B2 005+403. Astronomy and Astrophysics, 2006, 451, 85-98.	5.1	2
197	Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5 0716+71. Astronomy and Astrophysics, 2006, 456, 117-129.	5.1	35
198	The unprecedented optical outburst of the quasar 3C 454.3. Astronomy and Astrophysics, 2006, 453, 817-822.	5.1	152

#	ARTICLE	IF	CITATIONS
199	Sub-Milliarcsecond Imaging of Sgr A* and M 87. <i>Journal of Physics: Conference Series</i> , 2006, 54, 328-334.	0.4	39
200	Determination of radio spectra from catalogues and identification of gigahertz peaked sources using the Virtual Observatory. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 583-583.	0.0	0
201	Refractive Focusing by Interstellar Clouds and the Rapid Polarization Angle Swing in QSO 1150+812. <i>Research in Astronomy and Astrophysics</i> , 2006, 6, 1-14.	1.1	2
202	High Brightness Temperatures in IDV Sources. <i>Research in Astronomy and Astrophysics</i> , 2006, 6, 530-542.	1.1	2
203	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
204	Space-VLBI Polarimetry of the BL Lacertae object S5 0716+714: rapid polarization variability in the VLBI core. <i>Astronomy and Astrophysics</i> , 2006, 452, 83-95.	5.1	22
205	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
206	Multifrequency variability of the blazar AO 0235+164. <i>Astronomy and Astrophysics</i> , 2006, 459, 731-743.	5.1	58
207	Kinematic study of the blazar S5 0716+714. <i>Astronomy and Astrophysics</i> , 2005, 433, 815-825.	5.1	65
208	The radio structure of S5 1803+784. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 966-974.	4.4	15
209	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
210	Relativistic jet motion in the core of the radio-loud quasar J1101+7225. <i>Astronomy and Astrophysics</i> , 2005, 438, 785-792.	5.1	1
211	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
212	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
213	BL Lacertae: Hard Optical Spectrum and GeV γ -ray Emission. <i>Research in Astronomy and Astrophysics</i> , 2004, 4, 231-246.	1.1	0
214	III Zw 2: Evolution of a Radio Galaxy in a Nutshell. <i>Publications of the Astronomical Society of Australia</i> , 2003, 20, 126-128.	3.4	8
215	Optical and radio behaviour of the BL Lacertae object 0716+714. <i>Astronomy and Astrophysics</i> , 2003, 402, 151-169.	5.1	179
216	Intraday variability in compact extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2003, 401, 161-172.	5.1	79

#	ARTICLE	IF	CITATIONS
217	Multifrequency Polarization Variations in the Quasar 0917+624. Research in Astronomy and Astrophysics, 2002, 2, 325-346.	1.1	9
218	Annual Modulation in the Variability Properties of the IDV Source 0917+624?. Publications of the Astronomical Society of Australia, 2002, 19, 64-68.	3.4	20
219	A Very Rapid Extreme Scattering Event in the IDV Source 0954+658. Publications of the Astronomical Society of Australia, 2002, 19, 10-13.	3.4	11
220	Intraday Variability in Northern Hemisphere Radio Sources. Publications of the Astronomical Society of Australia, 2002, 19, 14-18.	3.4	31
221	The Size of IDV Jet Cores. Publications of the Astronomical Society of Australia, 2002, 19, 55-59.	3.4	2
222	147 GHz VLBI observations: Detection of 3C 273 and 3C 279 on the 3100 km baseline MetsÄhovi ä€ Pico Veleta. Astronomy and Astrophysics, 2002, 390, L19-L22.	3.1	8
223	Sgr A*: Observations, Models, and Imaging of the event horizon with VLBI. Symposium - International Astronomical Union, 2001, 205, 28-31.	0.1	0
224	Annual Modulation in the Intraday Variability of Quasar 0917+624 due to Interstellar Scintillation. Astrophysical Journal, 2001, 550, L11-L14.	4.5	84
225	Multiwavelength Study of the Quasar PKS 0528+134. Astrophysical Journal, 2001, 551, 172-177.	4.5	5
226	Studies of the fine structure of the object 1803+784. Astronomy Letters, 2001, 27, 1-14.	1.0	4
227	Spectral Reversal and Stratification of the Jet in 3C 273. Research in Astronomy and Astrophysics, 2001, 1, 296-304.	1.1	0
228	Periodic Variations of the Jet Flow Lorentz Factor in 3C 273. Research in Astronomy and Astrophysics, 2001, 1, 236-244.	1.1	8
229	Rapid polarization variations at 20 cm in 0917+624. Astronomy and Astrophysics, 2001, 367, 770-779.	5.1	18
230	VSOP Observations of the BL LAC Object 2007+777. , 2001, , 97-100.		0
231	Multifrequency Polarization Variations in 0917+624. , 2001, , 119-122.		0
232	Long-term monitoring of selected radio sources. Astronomy and Astrophysics, 2000, 145, 1-10.	2.1	39
233	Intraday variability in compact extragalactic radio sources. Astronomy and Astrophysics, 2000, 141, 221-256.	2.1	50
234	A Major Radio Outburst in III Z [CLC]w[/CLC] 2 with an Extremely Inverted, Millimeter-peaked Spectrum. Astrophysical Journal, 1999, 514, L17-L20.	4.5	30

#	ARTICLE	IF	CITATIONS
235	Subrelativistic Radio Jets and Parsec-Scale Absorption in Two Seyfert Galaxies. <i>Astrophysical Journal</i> , 1999, 517, L81-L84.	4.5	89
236	High Precision Astrometry with Closure Constraints. <i>International Astronomical Union Colloquium</i> , 1998, 164, 389-390.	0.1	0
237	Some Theoretical Studies of Two Gamma-Ray Blazars: PKS 0528+134 and Mrk 421. <i>International Astronomical Union Colloquium</i> , 1998, 164, 93-94.	0.1	0
238	A Multi-Frequency VLBI Total Intensity and Polarization Study of the BL Lacertae Object 0716+714. <i>International Astronomical Union Colloquium</i> , 1998, 164, 173-174.	0.1	0
239	Polarization Properties of Intraday Variable Blazars. <i>International Astronomical Union Colloquium</i> , 1998, 164, 277-278.	0.1	0
240	50 μ s resolution VLBI images of AGN's at ≈ 3 mm. <i>Astronomy and Astrophysics</i> , 1998, 131, 451-467.	2.1	24
241	Global 3- and 7-mm VLBI Observations of OJ 287. <i>Publication of the Astronomical Society of Japan</i> , 1996, 48, 37-44.	2.5	4
242	Millimeter-VLBI with a Large Millimeter-Array: Future Possibilities. <i>Globular Clusters - Guides To Galaxies</i> , 1996, , 95-102.	0.1	2
243	Rapid Variability in S5 0716+714 Across the Electromagnetic Spectrum. <i>Astronomical Journal</i> , 1996, 111, 2187.	4.7	178
244	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
245	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
246	Discovery of shell-like radio-structure in SN1993J. <i>Nature</i> , 1995, 373, 44-45.	27.8	47
247	Expansion of SN 1993J. <i>Science</i> , 1995, 270, 1475-1478.	12.6	48
248	mm-VLBI: Jets in the Vicinity of Galaxy-Cores. , 1994, , 187-188.		1
249	Probing the sub-parsec scale structures in extragalactic radio jets: VLBI at 43 GHz. , 1993, , 71-78.		2
250	The Sub-parsec Structure of AGN. , 1992, , 574-576.		3
251	Intraday Variability of Compact Radio Sources. , 1992, , 600-602.		0
252	The Radio Jets of the S5-Quasar 1928+738. , 1992, , 589-591.		1

#	ARTICLE	IF	CITATIONS
253	Correlated radio and optical variability in the BL Lacertae object 0716 + 714. <i>Astrophysical Journal</i> , 1991, 372, L71.	4.5	146
254	Further 7 millimeter VLBI observations of 3C 84 and other sources with 100 microarcsecond angular resolution. <i>Astrophysical Journal</i> , 1990, 360, L43.	4.5	7
255	The Size of Blazar Radio Cores from Intraday Variability. , 0, , 274-276.		0