Krisztina Ãva GabÃ¡nyi

List of Publications by Year
in descending order

71 papers	1,157 citations	394421 19 h-index	414414 32 g-index
72 all docs	72 docs citations	72 times ranked	1672 citing authors

#	Article	IF	Citations
1	The quest for dual and binary supermassive black holes: A multi-messenger view. New Astronomy Reviews, 2019, 86, 101525.	12.8	119
2	Radio to gamma-ray variability study of blazar S5 0716+714. Astronomy and Astrophysics, 2013, 552, A11.	5.1	83
3	Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5â€‰0716+71. Astronomy and Astrophysics, 2008, 490, 1019-1037.	5.1	73
4	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
5	Multiwavelength intraday variability of the BL Lacertae S5 0716+714. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1357-1370.	4.4	57
6	A spinning supermassive black hole binary model consistent with VLBI observations of the S5 1928+738 jet. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1370-1382.	4.4	42
7	Evolving parsec-scale radio structure in the most distant blazar known. Nature Communications, 2020, 11, 143.	12.8	39
8	Into the central 10Âpc of the most distant known radio quasar. Astronomy and Astrophysics, 2011, 531, L5.	5.1	37
9	ALMA CONTINUUM OBSERVATIONS OF A 30 Myr OLD GASEOUS DEBRIS DISK AROUND HD 21997. Astrophysical Journal Letters, 2013, 777, L25.	8.3	37
10	On the nature of bright compact radio sources atz> 4.5. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3260-3275.	4.4	37
11	Global e-VLBI observations of the gamma-ray narrow line SeyfertÂ1 PMN J0948+0022. Astronomy and Astrophysics, 2011, 528, L11.	5.1	35
12	High-resolution double morphology of the most distant known radio quasar at z = 6.12. Astronomy and Astrophysics, 2008, 484, L39-L42.	5.1	34
13	The IDV source Jâ€‰1128+5925, a new candidate for annual modulation?. Astronomy and Astrophysics, 2007, 470, 83-95.	5.1	31
14	VLTI/MIDI atlas of disks around low- and intermediate-mass young stellar objects. Astronomy and Astrophysics, 2018, 617, A83.	5.1	29
15	Constraining the parameters of the putative supermassive binary black hole in PG 1302â€“102 from its radio structure. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1290-1296.	4.4	28
16	High-resolution images of five radio quasars at early cosmological epochs. Astronomy and Astrophysics, 2010, 524, A83.	5.1	23
17	Two in one? A possible dual radio-emitting nucleus in the quasar SDSS J1425+3231. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1185-1191.	4.4	22
18	J0906+6930: a radio-loud quasar in the early Universe. Monthly Notices of the Royal Astronomical Society, 2017, 468, 69-76.	4.4	22

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19	Parsec-scale jet properties of the quasar PG 1302â^'102. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1812-1821.	4.4	20
20	Powerful AGN jets and unbalanced cooling in the hot atmosphere of IC 4296. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1917-1925.	4.4	18
21	The radio structure of 3C 316, a galaxy with double-peaked narrow optical emission lines. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1161-1171.	4.4	17
22	FOUR DUAL AGN CANDIDATES OBSERVED WITH THE VLBA. Astrophysical Journal, 2016, 826, 106.	4.5	17
23	A seasonal cycle and an abrupt change in the variability characteristics of the intraday variable source S4 0954+65. Astronomy and Astrophysics, 2012, 542, A121.	5.1	17
24	Very Long Baseline Interferometry with the SKA. , 2015, , .		17
25	Very Large Array Radio Study of a Sample of Nearby X-Ray and Optically Bright Early-type Galaxies. Astrophysical Journal, Supplement Series, 2022, 258, 30.	7.7	16
26	VLBI observation of the newly discovered zÂ=Â5.18 quasar SDSS J0131â^'0321. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 450, L57-L60.	3.3	13
27	Radio spectra of bright compact sources at z>4.5. Monthly Notices of the Royal Astronomical Society, 0, , stx215.	4.4	13
28	Constraining the radio jet proper motion of the high-redshift quasar J2134â^'0419 at zÂ=Â4.3. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1065-1070.	4.4	13
29	POSSIBLE DETECTION OF APPARENT SUPERLUMINAL INWARD MOTION IN MARKARIAN 421 AFTER THE GIANT X-RAY FLARE IN 2010 FEBRUARY. Astrophysical Journal, 2012, 759, 84.	4.5	12
30	A Catalog of Active Galactic Nuclei from the First 1.5 Gyr of the Universe. Frontiers in Astronomy and Space Sciences, 2017, 4, .	2.8	12
31	A single radio-emitting nucleus in the dual AGN candidate NGC 5515. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1509-1514.	4.4	11
32	Four hot DOGs in the microwave. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2058-2065.	4.4	11
33	The radio structure of the peculiar narrow-line Seyfert 1 galaxy candidate J1100+4421. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1554-1561.	4.4	11
34	Flaring radio lanterns along the ridge line: long-term oscillatory motion in the jet of S5 1803+784. Monthly Notices of the Royal Astronomical Society, 2018, 478, 359-370.	4.4	11
35	Radio properties of the Î³ â€ray emitting CSO candidate 2234+282. Astronomische Nachrichten, 2016, 337, 65-68.	1.2	10
36	VERY LONG BASELINE INTERFEROMETRY SEARCH FOR THE RADIO COUNTERPART OF HESS J1943+213. Astrophysical Journal, 2013, 762, 63.	4.5	9

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37	Mid-infrared interferometric variability of DG Tauri: Implications for the inner-disk structure. Astronomy and Astrophysics, 2017, 604, A84.	5.1	9
38	Very Long Baseline Array observations of the intraday variable source J1128+592. Astronomy and Astrophysics, 2009, 508, 161-171.	5.1	8
39	Unveiling the weak radio quasar population at $zge 4$. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2542-2549.	4.4	8
40	VLBI observations of VIK J2318â˜3113, a quasar at zâ€„=â€„6.44. Astronomy and Astrophysics, 2022, 662, L2.	5.1	7
41	Radio-loud Quasars above Redshift 4: Very Long Baseline Interferometry (VLBI) Imaging of an Extended Sample. Astrophysical Journal, Supplement Series, 2022, 260, 49.	7.7	7
42	A self-lensing supermassive binary black hole at radio frequencies: the story of Spikey continues. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3336-3347.	4.4	6
43	J1128+592: a highly variable IDV source. Astronomische Nachrichten, 2007, 328, 863-866.	1.2	5
44	HESS J1943+213: A NON-CLASSICAL HIGH-FREQUENCY-PEAKED BL LAC OBJECT. Astrophysical Journal, 2016, 822, 117.	4.5	5
45	VLBI observations of four radio quasars at z > 4: blazars or not?. Monthly Notices of the Royal Astronomical Society, 0, , stx160.	4.4	5
46	VLBI observations of flared optical quasar CGRaBSâ€‰J0809+5341. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	4
47	Dust evolution in the circumstellar disc of the unclassified B[e] star HD 50138. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3112-3123.	4.4	4
48	The loud and the quiet: searching for radio counterparts of two radio-weak BL Lac candidates with VLBI. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 482, L34-L39.	3.3	4
49	Radio emission from dust-obscured galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3641-3647.	4.4	4
50	High-resolution Radio Image of a Candidate Radio Galaxy at zÂ=Â5.72. Research Notes of the AAS, 2018, 2, 200.	0.7	4
51	Mid-infrared Variability of the Neutrino Source Blazar TXS 0506+056. Research Notes of the AAS, 2018, 2, 130.	0.7	3
52	High frequency VLBI observations of the scatter-broadened quasar Bâ€‰2005+403. Astronomy and Astrophysics, 2006, 451, 85-98.	5.1	2
53	Radio interferometric observations of two core-dominated triple radio sources atz > 3. Astronomy and Astrophysics, 2010, 523, A34.	5.1	2
54	A compact radio source in the high-redshift soft gamma-ray blazar IGR J12319â€“0749. Astronomy and Astrophysics, 2013, 552, A109.	5.1	2

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55	The rare extended radio-loud narrow-line Seyfert 1 galaxy SDSS J1030+5516 at high resolution. Astrophysics and Space Science, 2019, 364, 1.	1.4	2
56	Very Long Baseline Interferometry Observations of the Proposed Radio Counterpart of an EGRET Source. Symmetry, 2020, 12, 1516.	2.2	2
57	A small radio galaxy at z = 4.026. Astronomische Nachrichten, 2021, 342, 1092-1096.	1.2	2
58	The Quasar CTD 135 Is Not a Compact Symmetric Object. Symmetry, 2022, 14, 321.	2.2	2
59	Identification of Potential Weak Target Radio Quasars for ASTRO-G In-Beam Phase-Referencing: Table 1. Publication of the Astronomical Society of Japan, 2009, 61, 123-127.	2.5	1
60	Searching for a pair of accreting supermassive black holes in J1425+3231. Proceedings of the International Astronomical Union, 2016, 12, 223-226.	0.0	1
61	4Câ€‰18.47: A Recoiling AGN Candidate in the Radio and Infrared. Research Notes of the AAS, 2021, 5, 118.	0.7	1
62	Multi-scale Radio and X-Ray Structure of the High-redshift Quasar PMN J0909+0354. Astrophysical Journal, 2021, 915, 98.	4.5	1
63	VLBI Non-detection of a Candidate Dual AGN in a Galaxy Merger. Research Notes of the AAS, 2019, 3, 1.	0.7	1
64	European VLBI Network Observations of the Proposed Dual AGN SDSS J101022.95+141300.9. Astrophysical Journal, 2021, 922, 99.	4.5	1
65	High resolution studies of the IDV quasar J1128+592. Journal of Physics: Conference Series, 2010, 218, 012013.	0.4	0
66	Probing the temporal and spatial variations of dust emission in the protoplanetary disk of DG Tau with VLTI/MIDI: Preliminary results. Astronomische Nachrichten, 2013, 334, 912-915.	1.2	0
67	Atlas of low-mass young stellar object disks from mid-infrared interferometry. Proceedings of the International Astronomical Union, 2015, 11, .	0.0	0
68	A jet proper motion study in the early Universe. Proceedings of the International Astronomical Union, 2018, 14, 252-253.	0.0	0
69	Is 4C+29.48 a Î³-ray source?. Astronomy and Astrophysics, 2018, 612, A109.	5.1	0
70	Is There a Blazar Nested in the Core of the Radio Galaxy 3C 411?. Astrophysical Journal, 2019, 873, 61.	4.5	0
71	Mid-infared Light Curve and High-resolution Radio Structure of the Candidate Neutrino Source GB6 J1040+0617. Research Notes of the AAS, 2019, 3, 36.	0.7	0