

Yu A Kovalev

List of Publications by Year in descending order

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217
papers

11,691
citations

20797

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30058

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227
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3792
citing authors

#	ARTICLE	IF	CITATIONS
1	THE SPECTRAL ENERGY DISTRIBUTION OF <i>FERMI</i> BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70.	1.6	741
2	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. VI. KINEMATICS ANALYSIS OF A COMPLETE SAMPLE OF BLAZAR JETS. <i>Astronomical Journal</i> , 2009, 138, 1874-1892.	1.9	388
3	MOJAVE. X. PARSEC-SCALE JET ORIENTATION VARIATIONS AND SUPERLUMINAL MOTION IN ACTIVE GALACTIC NUCLEI. <i>Astronomical Journal</i> , 2013, 146, 120.	1.9	327
4	Sub-Milliarcsecond Imaging of Quasars and Active Galactic Nuclei. III. Kinematics of Parsec-scale Radio Jets. <i>Astrophysical Journal</i> , 2004, 609, 539-563.	1.6	319
5	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. V. MULTI-EPOCH VLBA IMAGES. <i>Astronomical Journal</i> , 2009, 137, 3718-3729.	1.9	296
6	Sub-Milliarcsecond Imaging of Quasars and Active Galactic Nuclei. IV. Fine-Scale Structure. <i>Astronomical Journal</i> , 2005, 130, 2473-2505.	1.9	285
7	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011, 736, 131.	1.6	261
8	MOJAVE. XIII. PARSEC-SCALE AGN JET KINEMATICS ANALYSIS BASED ON 19 YEARS OF VLBA OBSERVATIONS AT 15 GHz. <i>Astronomical Journal</i> , 2016, 152, 12.	1.9	203
9	Jet opening angles and gamma-ray brightness of AGN. <i>Astronomy and Astrophysics</i> , 2009, 507, L33-L36.	2.1	202
10	RadioAstron: A telescope with a size of 300 000 km: Main parameters and first observational results. <i>Astronomy Reports</i> , 2013, 57, 153-194.	0.2	197
11	MOJAVE. XV. VLBA 15 GHz Total Intensity and Polarization Maps of 437 Parsec-scale AGN Jets from 1996 to 2017. <i>Astrophysical Journal</i> , Supplement Series, 2018, 234, 12.	3.0	187
12	INSIGHTS INTO THE HIGH-ENERGY γ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>FERMI</i> ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	1.6	185
13	MOJAVE: Monitoring of Jets in Active galactic nuclei with VLBA Experiments. <i>Astronomy and Astrophysics</i> , 2012, 545, A113.	2.1	182
14	Relativistic beaming and gamma-ray brightness of blazars. <i>Astronomy and Astrophysics</i> , 2010, 512, A24.	2.1	181
15	THE RELATION BETWEEN AGN GAMMA-RAY EMISSION AND PARSEC-SCALE RADIO JETS. <i>Astrophysical Journal</i> , 2009, 696, L17-L21.	1.6	176
16	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. VIII. FARADAY ROTATION IN PARSEC-SCALE AGN JETS. <i>Astronomical Journal</i> , 2012, 144, 105.	1.9	174
17	The Inner Jet of the Radio Galaxy [OBJECTNAME STATUS="LINKS"]M87[/OBJECTNAME]. <i>Astrophysical Journal</i> , 2007, 668, L27-L30.	1.6	172
18	<i>FERMI</i> DISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009, 699, 31-39.	1.6	165

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19	Relativistic Beaming and the Intrinsic Properties of Extragalactic Radio Jets. <i>Astrophysical Journal</i> , 2007, 658, 232-244.	1.6	158
20	MOJAVE. XVII. Jet Kinematics and Parent Population Properties of Relativistically Beamed Radio-loud Blazars. <i>Astrophysical Journal</i> , 2019, 874, 43.	1.6	157
21	Opacity in compact extragalactic radio sources and its effect on astrophysical and astrometric studies. <i>Astronomy and Astrophysics</i> , 2008, 483, 759-768.	2.1	154
22	The unprecedented optical outburst of the quasar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2006, 453, 817-822.	2.1	152
23	Properties of flat-spectrum radio-loud narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2015, 575, A13.	2.1	140
24	A VLBA survey of the core shift effect in AGN jets. <i>Astronomy and Astrophysics</i> , 2011, 532, A38.	2.1	129
25	MOJAVE â€“ XIV. Shapes and opening angles of AGN jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4992-5003.	1.6	129
26	The Third VLBA Calibrator Survey: VCS3. <i>Astronomical Journal</i> , 2005, 129, 1163-1170.	1.9	120
27	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. XI. SPECTRAL DISTRIBUTIONS. <i>Astronomical Journal</i> , 2014, 147, 143.	1.9	115
28	PROBING THE INNERMOST REGIONS OF AGN JETS AND THEIR MAGNETIC FIELDS WITH RADIOASTRON. I. IMAGING BL LACERTAE AT 21 Î¼as RESOLUTION. <i>Astrophysical Journal</i> , 2016, 817, 96.	1.6	114
29	THE SIXTH VLBA CALIBRATOR SURVEY: VCS6. <i>Astronomical Journal</i> , 2008, 136, 580-585.	1.9	111
30	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. VII. BLAZAR JET ACCELERATION. <i>Astrophysical Journal</i> , 2009, 706, 1253-1268.	1.6	111
31	Results of WEBT, VLBA and RXTE monitoring of 3C 279 during 2006â€“2007. <i>Astronomy and Astrophysics</i> , 2008, 492, 389-400.	2.1	107
32	The Fourth VLBA Calibrator Survey: VCS4. <i>Astronomical Journal</i> , 2006, 131, 1872-1879.	1.9	106
33	The Fifth VLBA Calibrator Survey: VCS5. <i>Astronomical Journal</i> , 2007, 133, 1236-1242.	1.9	104
34	A CONNECTION BETWEEN APPARENT VLBA JET SPEEDS AND INITIAL ACTIVE GALACTIC NUCLEUS DETECTIONS MADE BY THE <i>FERMI</i> GAMMA-RAY OBSERVATORY</i>. <i>Astrophysical Journal</i> , 2009, 696, L22-L26.	1.6	101
35	Î³-RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011, 742, 27.	1.6	101
36	<i>FERMI</i> LARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. <i>Astrophysical Journal</i> , 2010, 721, 1425-1447.	1.6	99

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37	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.	4.2	99
38	Multiwavelength Observations of the Powerful Gamma-Ray Quasar PKS 1510+089: Clues on the Jet Composition. <i>Astrophysical Journal</i> , 2008, 672, 787-799.	1.6	97
39	RADIO/GAMMA-RAY TIME DELAY IN THE PARSEC-SCALE CORES OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal Letters</i> , 2010, 722, L7-L11.	3.0	95
40	THE VERY LONG BASELINE ARRAY GALACTIC PLANE SURVEY—VGA PS. <i>Astronomical Journal</i> , 2011, 142, 35.	1.9	95
41	Microarcsecond VLBI Pulsar Astrometry with PSR II. Parallax Distances for 57 Pulsars. <i>Astrophysical Journal</i> , 2019, 875, 100.	1.6	93
42	Intrinsic Brightness Temperatures of AGN Jets. <i>Astrophysical Journal</i> , 2006, 642, L115-L118.	1.6	89
43	Single-epoch VLBI imaging study of bright active galactic nuclei at 2 GHz and 8 GHz. <i>Astronomy and Astrophysics</i> , 2012, 544, A34.	2.1	89
44	WEBT and XMM-Newton observations of 3C 454.3 during the post-outburst phase. <i>Astronomy and Astrophysics</i> , 2007, 473, 819-827.	2.1	88
45	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND". <i>Astrophysical Journal</i> , 2010, 712, 405-420.	1.6	88
46	MOJAVE. XII. ACCELERATION AND COLLIMATION OF BLAZAR JETS ON PARSEC SCALES. <i>Astrophysical Journal</i> , 2015, 798, 134.	1.6	88
47	Survey of instantaneous 1-22 GHz spectra of 550 compact extragalactic objects with declinations from -30° to $+43^{\circ}$. <i>Astronomy and Astrophysics</i> , 1999, 139, 545-554.	2.1	88
48	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.	1.6	87
49	Observational Evidence for the Origin of High-energy Neutrinos in Parsec-scale Nuclei of Radio-bright Active Galaxies. <i>Astrophysical Journal</i> , 2020, 894, 101.	1.6	85
50	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009, 707, 727-737.	1.6	81
51	RADIOASTRON OBSERVATIONS OF THE QUASAR 3C273: A CHALLENGE TO THE BRIGHTNESS TEMPERATURE LIMIT. <i>Astrophysical Journal Letters</i> , 2016, 820, L9.	3.0	81
52	RAPID TeV GAMMA-RAY FLARING OF BL LACERTAE. <i>Astrophysical Journal</i> , 2013, 762, 92.	1.6	80
53	VLBI Gaia offsets favor parsec-scale jet direction in active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2017, 598, L1.	2.1	71
54	The radio delay of the exceptional 3C 454.3 outburst. <i>Astronomy and Astrophysics</i> , 2007, 464, L5-L9.	2.1	71

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55	The Scattering and Intrinsic Structure of Sagittarius A* at Radio Wavelengths. <i>Astrophysical Journal</i> , 2018, 865, 104.	1.6	67
56	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	3.0	67
57	The WEBT Campaign on the Blazar 3C 279 in 2006. <i>Astrophysical Journal</i> , 2007, 670, 968-977.	1.6	66
58	Significant core shift variability in parsec-scale jets of active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1822-1842.	1.6	66
59	The correlated optical and radio variability of BL Lacertae. <i>Astronomy and Astrophysics</i> , 2009, 501, 455-460.	2.1	63
60	A transition from parabolic to conical shape as a common effect in nearby AGN jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3576-3591.	1.6	62
61	The WEBT campaign to observe AO 0235+16 in the 2003â€“2004 observing season. <i>Astronomy and Astrophysics</i> , 2005, 438, 39-53.	2.1	62
62	The first gamma-ray outburst of a narrow-line Seyfert 1 galaxy: the case of PMNâ€“fJ0948+0022 in 2010 July. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1671-1677.	1.6	61
63	STUDIES OF THE JET IN BL LACERTAE. I. RECOLLIMATION SHOCK AND MOVING EMISSION FEATURES. <i>Astrophysical Journal</i> , 2014, 787, 151.	1.6	60
64	Causal connection in parsec-scale relativistic jets: results from the MOJAVE VLBI survey. <i>Astronomy and Astrophysics</i> , 2013, 558, A144.	2.1	59
65	RELATIVISTIC JETS IN THE RADIO REFERENCE FRAME IMAGE DATABASE. II. BLAZAR JET ACCELERATIONS FROM THE FIRST 10 YEARS OF DATA (1994-2003). <i>Astrophysical Journal</i> , 2012, 758, 84.	1.6	58
66	Directional Association of TeV to PeV Astrophysical Neutrinos with Radio Blazars. <i>Astrophysical Journal</i> , 2021, 908, 157.	1.6	58
67	Multifrequency variability of the blazar AO 0235+164. <i>Astronomy and Astrophysics</i> , 2006, 459, 731-743.	2.1	58
68	IDENTIFICATION OF THE EARLY <i>FERMI</i> /LAT GAMMA-RAY BRIGHT OBJECTS WITH EXTRAGALACTIC VLBI SOURCES. <i>Astrophysical Journal</i> , 2009, 707, L56-L59.	1.6	57
69	ANATOMY OF HELICAL EXTRAGALACTIC JETS: THE CASE OF S5 0836+710. <i>Astrophysical Journal</i> , 2012, 749, 55.	1.6	54
70	A quantitative analysis of systematic differences in the positions and proper motions of Gaia DR2 with respect to VLBI. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3023-3031.	1.6	53
71	MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 IN 2005-2006. <i>Astrophysical Journal</i> , 2009, 695, 596-618.	1.6	52
72	THE FIRST<i>FERMI</i> MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , 2011, 730, 101.	1.6	52

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73	NEW ASSOCIATIONS OF GAMMA-RAY SOURCES FROM THE FERMI SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015, 217, 4.	3.0	51
74	Milky Way scattering properties and intrinsic sizes of active galactic nuclei cores probed by very long baseline interferometry surveys of compact extragalactic radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 4274-4282.	1.6	51
75	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	2.1	49
76	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	2.1	49
77	DISCOVERY OF SUBSTRUCTURE IN THE SCATTER-BROADENED IMAGE OF SGR A*. <i>Astrophysical Journal Letters</i> , 2014, 794, L14.	3.0	48
78	Monitoring Of Jets in Active Galactic Nuclei with VLBA Experiments. XVIII. Kinematics and Inner Jet Evolution of Bright Radio-loud Active Galaxies. <i>Astrophysical Journal</i> , 2021, 923, 30.	1.6	48
79	A connection between $\hat{1}^3$ -ray and parsec-scale radio flares in the blazar 3C 273. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4478-4493.	1.6	47
80	Coordinated Multiwavelength Observation of 3C 66A during the WEBT Campaign of 2003â€“2004. <i>Astrophysical Journal</i> , 2005, 631, 169-186.	1.6	44
81	Radio-to- $\hat{1}^3$ -ray monitoring of the narrow-line Seyfert 1 galaxy PMNâˆ†0948âˆ†+âˆ†0022 from 2008 to 2011. <i>Astronomy and Astrophysics</i> , 2012, 548, A106.	2.1	43
82	Broad-band Radio Spectra Variability of 550 AGN in 1997-2001. <i>Publications of the Astronomical Society of Australia</i> , 2002, 19, 83-87.	1.3	41
83	VLBA monitoring of Mrk 421 at 15â€‰GHz and 24â€‰GHz during 2011. <i>Astronomy and Astrophysics</i> , 2012, 545, A117.	2.1	41
84	Dissecting the AGN Diskâ€“Jet System with Joint VLBI-Gaia Analysis. <i>Astrophysical Journal</i> , 2019, 871, 143.	1.6	41
85	The core shift effect in the blazar 3C 454.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3396-3404.	1.6	40
86	Multiwavelength behaviour of the blazar 3Câˆ†279: decade-long study from $\hat{1}^3$ -ray to radio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3829-3848.	1.6	40
87	Catching the radio flare in CTAâ€‰102. <i>Astronomy and Astrophysics</i> , 2013, 551, A32.	2.1	39
88	PSR B0329+54: substructure in the scatter-broadened image discovered with RadioAstron on baselines up to 330âˆ†000âˆ†km. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 978-985.	1.6	39
89	Giant pulses with nanosecond time resolution detected from the Crab pulsar at 8.5 and 15.1âˆ†GHz. <i>Astronomy and Astrophysics</i> , 2010, 524, A60.	2.1	38
90	THE CONNECTION BETWEEN THE RADIO JET AND THE GAMMA-RAY EMISSION IN THE RADIO GALAXY 3C 120. <i>Astrophysical Journal</i> , 2015, 808, 162.	1.6	38

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91	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.	1.6	34
92	STUDIES OF THE JET IN BL LACERTAE. II. SUPERLUMINAL ALFVÉN WAVES. Astrophysical Journal, 2015, 803, 3.	1.6	34
93	Observational consequences of optical band milliarcsec-scale structure in active galactic nuclei discovered by Gaia. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3775-3787.	1.6	34
94	DISCOVERY OF A NEW TeV GAMMA-RAY SOURCE: VER J0521+211. Astrophysical Journal, 2013, 776, 69.	1.6	33
95	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C +21.35 DURING THE 2010 FLARING ACTIVITY. Astrophysical Journal, 2014, 786, 157.	1.6	33
96	MOJAVE. XIX. Brightness Temperatures and Intrinsic Properties of Blazar Jets. Astrophysical Journal, 2021, 923, 67.	1.6	32
97	Doppler boosting, superluminal motion, and the kinematics of AGN jets. Astrophysics and Space Science, 2007, 311, 231-239.	0.5	30
98	EXTREME BRIGHTNESS TEMPERATURES AND REFRACTIVE SUBSTRUCTURE IN 3C 273 WITH RADIOASTRON. Astrophysical Journal Letters, 2016, 820, L10.	3.0	30
99	Intrinsic physical conditions and structure of relativistic jets in active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2726-2737.	1.6	29
100	SPECTRAL ANALYSIS OF THE ACCRETION FLOW IN NGC 1052 WITH SUZAKU. Astrophysical Journal, 2009, 698, 528-540.	1.6	28
101	The Trails of Superluminal Jet Components in 3C 111. Astrophysical Journal, 2008, 680, 867-884.	1.6	27
102	Multiwavelength Observations of the Blazar BL Lacertae: A New Fast TeV Gamma-Ray Flare. Astrophysical Journal, 2018, 856, 95.	1.6	27
103	MOJAVE XVI: Multiepoch Linear Polarization Properties of Parsec-scale AGN Jet Cores. Astrophysical Journal, 2018, 862, 151.	1.6	27
104	Inflationary soft theorems revisited: a generalized consistency relation. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 060-060.	1.9	26
105	The simultaneous low state spectral energy distribution of 1ES 2344+514 from radio to very high energies. Astronomy and Astrophysics, 2013, 556, A67.	2.1	25
106	VLBA observations of a rare multiple quasar imaging event caused by refraction in the interstellar medium. Astronomy and Astrophysics, 2013, 555, A80.	2.1	25
107	Very Long Baseline polarimetry and the γ -ray connection in Markarian 421 during the broadband campaign in 2011. Astronomy and Astrophysics, 2014, 571, A54.	2.1	25
108	Reversals in the Direction of Polarization Rotation in OJ 287. Astrophysical Journal, 2018, 862, 1.	1.6	25

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109	The TeV blazar Markarian 421 at the highest spatial resolution. <i>Astronomy and Astrophysics</i> , 2013, 559, A75.	2.1	24
110	<i>RADIOASTRON</i> STUDIES OF THE NEARBY, TURBULENT INTERSTELLAR PLASMA WITH THE LONGEST SPACE-GROUND INTERFEROMETER BASELINE. <i>Astrophysical Journal</i> , 2014, 786, 115.	1.6	24
111	On significance of VLBI <i>Gaia</i> position offsets. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 467, L71-L75.	1.2	24
112	RadioAstron Science Program Five Years after Launch: Main Science Results. <i>Solar System Research</i> , 2017, 51, 535-554.	0.3	24
113	Probing the innermost regions of AGN jets and their magnetic fields with RadioAstron. <i>Astronomy and Astrophysics</i> , 2017, 604, A111.	2.1	23
114	Parsec-scale Faraday rotation and polarization of 20 active galactic nuclei jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx021.	1.6	23
115	The extreme blazar AO 0235+164 as seen by extensive ground and space radio observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4994-5009.	1.6	23
116	Broad-Band Spectra Study of 213 VSOP 5-GHz Survey Sources. <i>Publication of the Astronomical Society of Japan</i> , 2000, 52, 1027-1036.	1.0	22
117	PSR B0329+54: STATISTICS OF SUBSTRUCTURE DISCOVERED WITHIN THE SCATTERING DISK ON RADIOASTRON BASELINES OF UP TO 235,000 km. <i>Astrophysical Journal</i> , 2016, 822, 96.	1.6	22
118	A Decade of Multiwavelength Observations of the TeV Blazar 1ES 1215+303: Extreme Shift of the Synchrotron Peak Frequency and Long-term Optical–Gamma-Ray Flux Increase. <i>Astrophysical Journal</i> , 2020, 891, 170.	1.6	22
119	Serendipitous VLBI detection of rapid, large-amplitude, intraday variability in QSO 1156+295. <i>Astronomy and Astrophysics</i> , 2008, 489, L33-L36.	2.1	21
120	Global millimeter VLBI array survey of ultracompact extragalactic radio sources at 86 GHz. <i>Astronomy and Astrophysics</i> , 2019, 622, A92.	2.1	21
121	Detection statistics of the RadioAstron AGN survey. <i>Advances in Space Research</i> , 2020, 65, 705-711.	1.2	21
122	RadioAstron space VLBI imaging of polarized radio emission in the high-redshift quasar 0642+449 at 1.6 GHz. <i>Astronomy and Astrophysics</i> , 2015, 583, A100.	2.1	20
123	Linear Polarization Properties of Parsec-Scale AGN Jets. <i>Galaxies</i> , 2017, 5, 93.	1.1	19
124	The RadioAstron project: Measurements and analysis of basic parameters of space telescope in flight in 2011–2013. <i>Cosmic Research</i> , 2014, 52, 393-402.	0.2	18
125	VLBA polarimetric monitoring of 3C 111. <i>Astronomy and Astrophysics</i> , 2018, 610, A32.	2.1	18
126	Multifrequency study of the gamma-ray flaring BL Lacertae object PKS 2233–148 in 2009–2012. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2336-2353.	1.6	18

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127	VLBI-selected sample of compact symmetric object candidates and frequency-dependent position of hotspots. <i>Astronomy and Astrophysics</i> , 2011, 535, A24.	2.1	18
128	TXS 0128+554: A Young Gamma-Ray-emitting Active Galactic Nucleus with Episodic Jet Activity. <i>Astrophysical Journal</i> , 2020, 899, 141.	1.6	18
129	Quasi-simultaneous multi-frequency observations of inverted-spectrum GPS candidate sources. <i>Astronomy and Astrophysics</i> , 2008, 489, 49-55.	2.1	17
130	Multiwavelength observations of the γ -ray flaring quasar S4 1030+61 in 2009–2014. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2747-2761.	1.6	17
131	Probing the Innermost Regions of AGN Jets and Their Magnetic Fields with RadioAstron. III. Blazar S5 0716+71 at Microarcsecond Resolution. <i>Astrophysical Journal</i> , 2020, 893, 68.	1.6	17
132	Very Long Baseline Interferometry with the SKA. , 2015, , .		17
133	VLBI detection of the HST-1 feature in the γ jet at 2 Åcm. <i>Astronomy and Astrophysics</i> , 2010, 515, A38.	2.1	16
134	THE RELATION BETWEEN RADIO POLARIZATION AND GAMMA-RAY EMISSION IN AGN JETS. <i>International Journal of Modern Physics D</i> , 2010, 19, 943-948.	0.9	16
135	Insights into the emission of the blazar 1ES 1011+496 through unprecedented broadband observations during 2011 and 2012. <i>Astronomy and Astrophysics</i> , 2016, 591, A10.	2.1	15
136	The high brightness temperature of B0529+483 revealed by RadioAstron and implications for interstellar scattering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3523-3534.	1.6	15
137	The science case and challenges of space-borne sub-millimeter interferometry. <i>Acta Astronautica</i> , 2022, 196, 314-333.	1.7	15
138	Optical polarization properties of AGNs with significant VLBI <i>Gaia</i> offsets. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 493, L54-L58.	1.2	14
139	Probing cosmic plasma with giant radio pulses. <i>Astronomical and Astrophysical Transactions</i> , 2007, 26, 585-595.	0.2	13
140	A NEARLY NAKED SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal</i> , 2017, 834, 184.	1.6	13
141	RATAN-600 and RadioAstron reveal the neutrino-associated blazar TXS 0506+056 as a typical variable AGN. <i>Advances in Space Research</i> , 2020, 65, 745-755.	1.2	13
142	Physical parameters of active galactic nuclei derived from properties of the jet geometry transition region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2532-2543.	1.6	13
143	On the nature of an ejection event in the jet of 3C 111. <i>Astronomy and Astrophysics</i> , 2008, 489, L29-L32.	2.1	13
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