

# Alexander B Pushkarev

## List of Publications by Year in descending order

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90  
papers

4,689  
citations

101496

36  
h-index

95218

68  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direction of Parsec-scale Jets for 9220 Active Galactic Nuclei. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 4.	3.0	4
2	An Oversized Magnetic Sheath Wrapping around the Parsec-scale Jet in 3C 273. <i>Astrophysical Journal</i> , 2021, 910, 35.	1.6	9
3	RadioAstron reveals a spine-sheath jet structure in 3C 273. <i>Astronomy and Astrophysics</i> , 2021, 654, A27.	2.1	11
4	The Highly Self-absorbed Blazar PKS 1351-018. <i>Astrophysical Journal</i> , 2021, 919, 40.	1.6	2
5	A decade of joint MOJAVE+ <i>Fermi</i> AGN monitoring: localization of the gamma-ray emission region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 469-480.	1.6	10
6	MOJAVE. XIX. Brightness Temperatures and Intrinsic Properties of Blazar Jets. <i>Astrophysical Journal</i> , 2021, 923, 67.	1.6	32
7	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
8	Detection statistics of the RadioAstron AGN survey. <i>Advances in Space Research</i> , 2020, 65, 705-711.	1.2	21
9	Inverse Compton Scattering of Radiation from a Central Source as a Possible Mechanism for the Formation of X-Ray Radiation from Kiloparsec Jets of Core-Dominated Quasars. <i>Astronomy Reports</i> , 2020, 64, 894-914.	0.2	1
10	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
11	Is OJ 287 a Single Supermassive Black Hole?. <i>Universe</i> , 2020, 6, 191.	0.9	16
12	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
13	Studies of stationary features in jets: BL Lacertae. <i>Astronomy and Astrophysics</i> , 2020, 640, A62.	2.1	5
14	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
15	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
16	Inverse Compton Scattering of the Central Source Photons as an X-Ray Emission Mechanism on Kiloparsec Scales in PKS 1127+145. <i>Astrophysical Journal</i> , 2019, 883, 131.	1.6	3
17	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
18	MOJAVE. XVII. Jet Kinematics and Parent Population Properties of Relativistically Beamed Radio-loud Blazars. <i>Astrophysical Journal</i> , 2019, 874, 43.	1.6	157

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19	Multifrequency study of the gamma-ray flaring BL Lacertae object PKS 2233+148 in 2009–2012. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2336-2353.	1.6	18
20	MOJAVE. XV. VLBA 15 GHz Total Intensity and Polarization Maps of 437 Parsec-scale AGN Jets from 1996 to 2017. Astrophysical Journal, Supplement Series, 2018, 234, 12.	3.0	187
21	Multiwavelength Observations of the Blazar BL Lacertae: A New Fast TeV Gamma-Ray Flare. Astrophysical Journal, 2018, 856, 95.	1.6	27
22	Frequency-Dependent Core Shifts in Ultracompact Quasars. Astronomy Reports, 2018, 62, 787-813.	0.2	9
23	Reversals in the Direction of Polarization Rotation in OJ 287. Astrophysical Journal, 2018, 862, 1.	1.6	25
24	Constraints on Particles and Fields from Full Stokes Observations of AGN. Galaxies, 2018, 6, 17.	1.1	4
25	VLBA polarimetric monitoring of 3C 111. Astronomy and Astrophysics, 2018, 610, A32.	2.1	18
26	MOJAVE XVI: Multiepoch Linear Polarization Properties of Parsec-scale AGN Jet Cores. Astrophysical Journal, 2018, 862, 151.	1.6	27
27	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. Astronomy and Astrophysics, 2017, 603, A31.	2.1	49
28	MOJAVE – XIV. Shapes and opening angles of AGN jets. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4992-5003.	1.6	129
29	Linear Polarization Properties of Parsec-Scale AGN Jets. Galaxies, 2017, 5, 93.	1.1	19
30	The Connection between the Radio Jet and the $\hat{\gamma}$ -ray Emission in the Radio Galaxy 3C 120 and the Blazar CTA 102. Galaxies, 2016, 4, 34.	1.1	3
31	MOJAVE. XIII. PARSEC-SCALE AGN JET KINEMATICS ANALYSIS BASED ON 19 YEARS OF VLBA OBSERVATIONS AT 15 GHz. Astronomical Journal, 2016, 152, 12.	1.9	203
32	Insights into the emission of the blazar 1ES 1011+496 through unprecedented broadband observations during 2011 and 2012. Astronomy and Astrophysics, 2016, 591, A10.	2.1	15
33	AGN jet physics and apparent opening angles. , 2016, , .		0
34	From radio to TeV: the surprising spectral energy distribution of AP Librae. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3229-3239.	1.6	6
35	MOJAVE. XII. ACCELERATION AND COLLIMATION OF BLAZAR JETS ON PARSEC SCALES. Astrophysical Journal, 2015, 798, 134.	1.6	88
36	STUDIES OF THE JET IN BL LACERTAE. II. SUPERLUMINAL ALFVÉN WAVES. Astrophysical Journal, 2015, 803, 3.	1.6	34

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37	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
38	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
39	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. XI. SPECTRAL DISTRIBUTIONS. <i>Astronomical Journal</i> , 2014, 147, 143.	1.9	115
40	STUDIES OF THE JET IN BL LACERTAE. I. RECOLLIMATION SHOCK AND MOVING EMISSION FEATURES. <i>Astrophysical Journal</i> , 2014, 787, 151.	1.6	60
41	Two active states of the narrow-line gamma-ray-loud AGN GBâ€™%1310+487. <i>Astronomy and Astrophysics</i> , 2014, 565, A26.	2.1	4
42	Evidence for a large-scale helical magnetic field in the quasar 3Câ€™454.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3341-3356.	1.6	34
43	DISCOVERY OF A NEW TeV GAMMA-RAY SOURCE: VER J0521+211. <i>Astrophysical Journal</i> , 2013, 776, 69.	1.6	33
44	MOJAVE. X. PARSEC-SCALE JET ORIENTATION VARIATIONS AND SUPERLUMINAL MOTION IN ACTIVE GALACTIC NUCLEI. <i>Astronomical Journal</i> , 2013, 146, 120.	1.9	327
45	RAPID TeV GAMMA-RAY FLARING OF BL LACERTAE. <i>Astrophysical Journal</i> , 2013, 762, 92.	1.6	80
46	The simultaneous low state spectral energy distribution of 1ESâ€™%2344+514 from radio to very high energies. <i>Astronomy and Astrophysics</i> , 2013, 556, A67.	2.1	25
47	Causal connection in parsec-scale relativistic jets: results from the MOJAVE VLBI survey. <i>Astronomy and Astrophysics</i> , 2013, 558, A144.	2.1	59
48	VLBA observations of a rare multiple quasar imaging event caused by refraction in the interstellar medium. <i>Astronomy and Astrophysics</i> , 2013, 555, A80.	2.1	25
49	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
50	Faraday rotation in the MOJAVE blazars: 3C 273 a case study. <i>Journal of Physics: Conference Series</i> , 2012, 355, 012008.	0.3	2
51	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
52	Radio-to- $\gamma$ -ray monitoring of the narrow-line Seyfert 1 galaxy PMNâ€™J0948â€™+â€™0022 from 2008 to 2011. <i>Astronomy and Astrophysics</i> , 2012, 548, A106.	2.1	43
53	MOJAVE: Monitoring of Jets in Active galactic nuclei with VLBA Experiments. <i>Astronomy and Astrophysics</i> , 2012, 545, A113.	2.1	182
54	Single-epoch VLBI imaging study ofâ€™bright active galactic nuclei atâ€™2â€™GHz and 8â€™GHz. <i>Astronomy and Astrophysics</i> , 2012, 544, A34.	2.1	89

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55	A VLBA survey of the core shift effect in AGN jets. <i>Astronomy and Astrophysics</i> , 2011, 532, A38.	2.1	129
56	$\hat{\gamma}$ -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
57	The first gamma-ray outburst of a narrow-line Seyfert 1 galaxy: the case of PMN J0948+0022 in 2010 July. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1671-1677.	1.6	61
58	Multifrequency synthesis algorithm based on the generalized maximum entropy method: application to 0954+658. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 434-443.	1.6	4
59	Multi-frequency studies of the non-stationary radiation of the blazar 3C 454.3. <i>Astronomy Reports</i> , 2011, 55, 608-615.	0.2	17
60	INSIGHTS INTO THE HIGH-ENERGY $\hat{\gamma}$ -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
61	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
62	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
63	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.	1.6	87
64	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
65	<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
66	Multifrequency method for mapping active galactic nuclei with allowance for the frequency-dependent image shift. <i>Astronomy Letters</i> , 2010, 36, 457-466.	0.1	0
67	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
68	10.1007/s11444-008-1002-5. , 2010, 52, 12.		0
69	Jet opening angles and gamma-ray brightness of AGN. <i>Astronomy and Astrophysics</i> , 2009, 507, L33-L36.	2.1	202
70	THE RELATION BETWEEN AGN GAMMA-RAY EMISSION AND PARSEC-SCALE RADIO JETS. <i>Astrophysical Journal</i> , 2009, 696, L17-L21.	1.6	176
71	<i>FERMI</i> DISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009, 699, 31-39.	1.6	165
72	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

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73	Structure of the radio source 3C 120 at 8.4 GHz from VLBA+ observations in 2002. <i>Astronomy Reports</i> , 2008, 52, 12-18.	0.2	1
74	Opacity in compact extragalactic radio sources and the core shift effect. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012058.	0.3	0
75	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
76	Opacity in compact extragalactic radio sources and its effect on radio-optical reference frame alignment. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 348-351.	0.0	0
77	Results of theoretical and experimental studies of solar wind and active galactic nuclei on LFN VLBI network using S2 recording system. <i>Radiophysics and Quantum Electronics</i> , 2007, 50, 253-273.	0.1	4
78	Variations in the integral fluxes and structure of the radio source 3C120. <i>Astrophysics</i> , 2007, 50, 265-272.	0.1	3
79	3C120: total flux variations and evolution of the very-long-baseline interferometry structure. <i>Astronomical and Astrophysical Transactions</i> , 2006, 25, 405-410.	0.2	2
80	Spine-sheath polarization structures in four active galactic nuclei jets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 859-871.	1.6	86
81	Blazars with spine-sheath structures. <i>Astronomy Reports</i> , 2005, 49, 5-12.	0.2	1
82	Quasi-simultaneous VLBI and RATAN-600 observations of active galactic nuclei. <i>Astronomy Reports</i> , 2004, 48, 900-908.	0.2	2
83	Radar interferometer measurements of space debris using the Evpatoria RT-70 transmitter. <i>Advances in Space Research</i> , 2004, 34, 884-891.	1.2	7
84	Unusual radio properties of the BL Lac object 0820+225. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 1-9.	1.6	20
85	Measurement of the integrated Faraday rotations of BL Lac objects. <i>Astronomy Reports</i> , 2001, 45, 667-675.	0.2	19
86	Analysis of $\hat{\Lambda} = 6$ cm VLBI polarization observations of a complete sample of northern BL Lacertae objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 319, 1109-1124.	1.6	78
87	The $\hat{\Lambda} = 6$ cm VLBI polarization structure of nine BL Lacertae objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 307, 725-736.	1.6	26
88	Polarization VLBI Observations of a Complete Sample of Northern BL Lacertae Objects. <i>International Astronomical Union Colloquium</i> , 1998, 164, 165-166.	0.1	0
89	3.6 cm VLBI Total Intensity and Polarization Images of BL Lacertae Objects. , 1996, , 51-52.		0
90	TXS 0128+554: A young gamma-ray emitting active galactic nucleus with episodic jet activity. <i>Astronomische Nachrichten</i> , 0, , .	0.6	0