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List of Publications by Year
in descending order

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89 papers	6,497 citations	109321 35 h-index	62596 80 g-index
90 all docs	90 docs citations	90 times ranked	2853 citing authors

#	Article	IF	Citations
1	The Unanticipated Phenomenology of the Blazar PKS 2131â€“021: A Unique Supermassive Black Hole Binary Candidate. Astrophysical Journal Letters, 2022, 926, L35.	8.3	20
2	Multiwavelength Variability Power Spectrum Analysis of the Blazars 3C 279 and PKS 1510â€“089 on Multiple Timescales. Astrophysical Journal, 2022, 927, 214.	4.5	14
3	New Tests of Milli-lensing in the Blazar PKS 1413 + 135. Astrophysical Journal, 2022, 927, 24.	4.5	3
4	Quasi-periodic oscillations in the long-term radio light curves of the blazar AO 0235+164. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5997-6006.	4.4	19
5	The Relativistic Jet Orientation and Host Galaxy of the Peculiar Blazar PKS 1413+135. Astrophysical Journal, 2021, 907, 61.	4.5	13
6	A ring accelerator? Unusual jet dynamics in the IceCube candidate PKS 1502+106. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3145-3178.	4.4	16
7	Identifying changing jets through their radio variability. Astronomy and Astrophysics, 2021, 654, A169.	5.1	3
8	Swift Observations of Mrk 421 in Selected Epochs. III. Extreme X-Ray Timing/Spectral Properties and Multiwavelength Lognormality during 2015 Decemberâ€“2018 April. Astrophysical Journal, Supplement Series, 2020, 247, 27.	7.7	18
9	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. Astrophysical Journal, 2020, 890, 97.	4.5	21
10	Multiwavelength behaviour of the blazar 3CÂ279: decade-long study from Î³-ray to radio. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3829-3848.	4.4	40
11	Diagnosing Magnetic Field Geometry in Blazar Jets Using Multi-Frequency, Centimeter-Band Polarimetry and Radiative Transfer Modeling. Galaxies, 2020, 8, 22.	3.0	1
12	3C 84: Observational Evidence for Precession and a Possible Relation to TeV Emission. Galaxies, 2019, 7, 72.	3.0	12
13	Opacity, variability, and kinematics of AGN jets. Monthly Notices of the Royal Astronomical Society, 2019, 486, 430-439.	4.4	7
14	Swift Observations of Mrk 421 in Selected Epochs. I. The Spectral and Flux Variability in 2005â€“2008. Astrophysical Journal, 2018, 854, 66.	4.5	20
15	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.	7.7	187
16	The extreme blazar AO 0235+164 as seen by extensive ground and space radio observations. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4994-5009.	4.4	23
17	Full-Stokes polarimetry with circularly polarized feeds. Astronomy and Astrophysics, 2018, 609, A68.	5.1	19
18	Strong X-Ray and Multiwavelength Flaring Activity for 1ES 1959+650, 2016 Augustâ€“2017 November. Astrophysical Journal, Supplement Series, 2018, 238, 13.	7.7	14

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19	Stochastic Modeling of Multiwavelength Variability of the Classical BL Lac Object OJ 287 on Timescales Ranging from Decades to Hours. Astrophysical Journal, 2018, 863, 175.	4.5	56
20	Reversals in the Direction of Polarization Rotation in OJ 287. Astrophysical Journal, 2018, 862, 1.	4.5	25
21	Swift Observations of Mrk 421 in Selected Epochs. II. An Extreme Spectral Flux Variability in 2009â€“2012. Astrophysical Journal, 2018, 858, 68.	4.5	19
22	MOJAVE XVI: Multiepoch Linear Polarization Properties of Parsec-scale AGN Jet Cores. Astrophysical Journal, 2018, 862, 151.	4.5	27
23	Core shift effect in blazars. Monthly Notices of the Royal Astronomical Society, 2017, 469, 813-840.	4.4	17
24	A peculiar multiwavelength flare in the blazar 3Câ€‰454.3. Monthly Notices of the Royal Astronomical Society, 2017, 472, 788-798.	4.4	29
25	Linear Polarization Properties of Parsec-Scale AGN Jets. Galaxies, 2017, 5, 93.	3.0	19
26	The University of Michigan Centimeter-Band All Stokes Blazar Monitoring Program: Single-Dish Polarimetry as a Probe of Parsec-Scale Magnetic Fields. Galaxies, 2017, 5, 75.	3.0	11
27	Radiative Transfer Modeling of Radio-Band Linear Polarization Observations as a Probe of the Physical Conditions in the Jets of Î³-Ray Flaring Blazars. Galaxies, 2016, 4, 35.	3.0	4
28	MOJAVE. XIII. PARSEC-SCALE AGN JET KINEMATICS ANALYSIS BASED ON 19 YEARS OF VLBA OBSERVATIONS AT 15 GHz. Astronomical Journal, 2016, 152, 12.	4.7	203
29	Non-stationary emission of the blazar S4 0954+658 over a wide range of wavelength. Astronomy Reports, 2016, 60, 1035-1045.	0.9	3
30	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A106.	5.1	23
31	Long-term monitoring of the blazars AO 0235+164 and S5 0716+714 in the optical and radio ranges. Astronomy Reports, 2015, 59, 851-864.	0.9	8
32	WHY HAVE MANY OF THE BRIGHTEST RADIO-LOUD BLAZARS NOT BEEN DETECTED IN GAMMA-RAYS BY FERMI ?. Astrophysical Journal Letters, 2015, 810, L9.	8.3	44
33	High radio-frequency properties and variability of brightest cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1223-1240.	4.4	35
34	CONSTRAINING THE PHYSICAL CONDITIONS IN THE JETS OF Î³-RAY FLARING BLAZARS USING CENTIMETER-BAND POLARIMETRY AND RADIATIVE TRANSFER SIMULATIONS. II. EXPLORING PARAMETER SPACE AND IMPLICATIONS. Astrophysical Journal, 2015, 799, 207.	4.5	6
35	Physical characteristics of the Blazar AO 0235+164. Astronomy Reports, 2015, 59, 145-155.	0.9	9
36	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. Astronomy and Astrophysics, 2015, 578, A22.	5.1	92

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37	CONSTRAINING THE PHYSICAL CONDITIONS IN THE JETS OF Î³-RAY FLARING BLAZARS USING CENTIMETER-BAND POLARIMETRY AND RADIATIVE TRANSFER SIMULATIONS. I. DATA AND MODELS FOR 0420â€“014, OJ 287, AND 1156+295. Astrophysical Journal, 2014, 791, 53.	4.5	24
38	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. XI. SPECTRAL DISTRIBUTIONS. Astronomical Journal, 2014, 147, 143.	4.7	115
39	Long-term, multi-frequency monitoring of the blazar S0528+134 (Nimfa). Astronomy Reports, 2014, 58, 71-77.	0.9	8
40	MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510â˜089 in early 2012. Astronomy and Astrophysics, 2014, 569, A46.	5.1	70
41	Results of long-term monitoring of 3C 273 over a wide range of wavelengths. Astronomy Reports, 2013, 57, 34-45.	0.9	20
42	A prolonged flare in the blazar 3C 454.3. Astronomy Reports, 2013, 57, 46-51.	0.9	7
43	IDV observations & study of the quasar 0917+624. Astrophysics and Space Science, 2013, 346, 15-17.	1.4	3
44	MOJAVE. X. PARSEC-SCALE JET ORIENTATION VARIATIONS AND SUPERLUMINAL MOTION IN ACTIVE GALACTIC NUCLEI. Astronomical Journal, 2013, 146, 120.	4.7	327
45	VLBA observations of a rare multiple quasar imaging event caused by refraction in the interstellar medium. Astronomy and Astrophysics, 2013, 555, A80.	5.1	25
46	SimultaneousPlanck,Swift, andFermiobservations of X-ray andÎ³-ray selected blazars. Astronomy and Astrophysics, 2012, 541, A160.	5.1	166
47	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY Î³-RAY OBSERVATIONS IN 2008-2010. Astrophysical Journal, 2012, 754, 114.	4.5	152
48	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. VIII. FARADAY ROTATION IN PARSEC-SCALE AGN JETS. Astronomical Journal, 2012, 144, 105.	4.7	174
49	Long-term optical and radio monitoring of the quasars S5 0716+714 and 4C 38.41 on various time scales. Astronomy Reports, 2012, 56, 275-280.	0.9	8
50	AGILE detection of extremeÎ³-ray activity from the blazar PKS 1510-089 during March 2009. Astronomy and Astrophysics, 2011, 529, A145.	5.1	62
51	OBLIQUE SHOCKS AS THE ORIGIN OF RADIO TO GAMMA-RAY VARIABILITY IN ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2011, 735, 81.	4.5	33
52	A new method for estimating frequency-dependent core shifts in active galactic nucleus jets. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1631-1637.	4.4	40
53	Multi-Waveband Emission Maps of Blazars. Journal of Astrophysics and Astronomy, 2011, 32, 233-237.	1.0	22
54	PROBING THE INNER JET OF THE QUASAR PKS 1510â€“089 WITH MULTI-WAVEBAND MONITORING DURING STRONG GAMMA-RAY ACTIVITY. Astrophysical Journal Letters, 2010, 710, L126-L131.	8.3	353

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55	FERMILARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. Astrophysical Journal, 2010, 721, 1425-1447.	4.5	99
56	Sub-parsec structure of binary supermassive black holes in active galactic nuclei. Astronomy Reports, 2010, 54, 28-37.	0.9	15
57	THE SPECTRAL ENERGY DISTRIBUTION OFFERMIBRIGHT BLAZARS. Astrophysical Journal, 2010, 716, 30-70.	4.5	741
58	FULL POLARIZATION SPECTRA OF 3C 279. Astrophysical Journal, 2009, 696, 328-347.	4.5	63
59	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. V. MULTI-EPOCH VLBA IMAGES. Astronomical Journal, 2009, 137, 3718-3729.	4.7	296
60	THE RELATION BETWEEN AGN GAMMA-RAY EMISSION AND PARSEC-SCALE RADIO JETS. Astrophysical Journal, 2009, 696, L17-L21.	4.5	176
61	The inner jet of an active galactic nucleus as revealed by a radio-to-Î³-ray outburst. Nature, 2008, 452, 966-969.	27.8	553
62	Results of WEBT, VLBA and RXTE monitoring of 3C 279 during 2006â€“2007. Astronomy and Astrophysics, 2008, 492, 389-400.	5.1	107
63	Correlated Multiâ€“Wave Band Variability in the Blazar 3C 279 from 1996 to 2007. Astrophysical Journal, 2008, 689, 79-94.	4.5	149
64	The Trails of Superluminal Jet Components in 3C 111. Astrophysical Journal, 2008, 680, 867-884.	4.5	27
65	Statistical analyses of long-term variability of AGN at high radio frequencies. Astronomy and Astrophysics, 2007, 469, 899-912.	5.1	79
66	The variability of a 3C 454.3 blazar over a 40-year period. Astronomy Reports, 2007, 51, 450-459.	0.9	19
67	Doppler boosting, superluminal motion, and the kinematics of AGN jets. Astrophysics and Space Science, 2007, 311, 231-239.	1.4	30
68	The blazar 0059+581: Successful prognosis of activity. Astronomy Reports, 2006, 50, 468-482.	0.9	1
69	Flux density evolution of the sources 3C273, 3C279 and 3C454.3 at the frequencies 102 MHzâ€“36.8 GHz. Astronomical and Astrophysical Transactions, 2006, 25, 385-391.	0.2	5
70	Sub-Milliarcsecond Imaging of Quasars and Active Galactic Nuclei. IV. Fine-Scale Structure. Astronomical Journal, 2005, 130, 2473-2505.	4.7	285
71	Circular Polarization Variability in Extragalactic Sources on Time Scales of Months to Decades. Astrophysics and Space Science, 2003, 288, 17-28.	1.4	18
72	III Zw 2: Evolution of a Radio Galaxy in a Nutshell. Publications of the Astronomical Society of Australia, 2003, 20, 126-128.	3.4	8

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73	Pearsonâ€Readhead Survey Sources. II. The Longâ€Term Centimeterâ€Band Total Flux and Linear Polarization Properties of a Complete Radio Sample. Astrophysical Journal, 2003, 586, 33-51.	4.5	86
74	Parsecâ€Scale Blazar Monitoring: Flux and Polarization Variability. Astrophysical Journal, 2002, 568, 99-119.	4.5	69
75	Multiepoch Very Long Baseline Array Observations of EGRETâ€detected Quasars and BL Lacertae Objects: Connection between Superluminal Ejections and Gammaâ€Ray Flares in Blazars. Astrophysical Journal, 2001, 556, 738-748.	4.5	159
76	Centimeterâ€Wavelength Total Flux and Linear Polarization Properties of Radioâ€loud BL Lacertae Objects. Astrophysical Journal, 1999, 512, 601-622.	4.5	89
77	A Dramatic Millimeter Wavelength Flare in the Gammaâ€Ray Blazar NRAO 530. Astrophysical Journal, 1997, 484, 118-130.	4.5	41
78	Radio to Î³-ray observations of 3C 454.3:1993â€“1995. , 1997, , .		4
79	The Difference between BL Lacs and QSOs. , 1994, , 94-95.		1
80	Ground-Based Observations of PKS2155-304 in November 1991. Symposium - International Astronomical Union, 1994, 159, 319-319.	0.1	0
81	Pearson-Readhead survey sources - Properties of the centimeter-wavelength flux and polarization of a complete radio sample. Astrophysical Journal, 1992, 399, 16.	4.5	94
82	Active Extragalactic Radio Sources Which Show Signatures of Shocks in Compact Jet Structures. Symposium - International Astronomical Union, 1988, 129, 83-84.	0.1	0
83	Shock Models of Time Variability and Superluminal Motion in Compact Extragalactic Radio Sources. Symposium - International Astronomical Union, 1988, 129, 81-82.	0.1	0
84	Magnetic field structures in active compact radio sources. Astrophysical Journal, 1985, 290, 627.	4.5	68
85	Polarized Radio Outbursts in Bl-Lacertae - Part Two - the Flux and Polarization of a Piston-Driven Shock. Astrophysical Journal, 1985, 298, 301.	4.5	182
86	Spectra and linear polarizations of extragalactic variable sources at centimeter wavelengths. Astrophysical Journal, Supplement Series, 1985, 59, 513.	7.7	257
87	The Radio Polarization of BL Lacertae: Shocks in a Jet. Symposium - International Astronomical Union, 1984, 110, 119-120.	0.1	2
88	Multifrequency observations of the red QSO 1413 + 135. Nature, 1981, 293, 714-717.	27.8	59
89	Radio polarization rotators - BL Lacertae and 0727-115. Astrophysical Journal, 1981, 248, L5.	4.5	25