

Anne LÃ¤hdeenmÃ¤ki

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

11,272
citations

257450

24
h-index

223800

46
g-index

47
all docs

47
docs citations

47
times ranked

13754
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiwavelength study of the gravitationally lensed blazar QSO B0218+357 between 2016 and 2020. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2344-2362.	4.4	6
2	Radio and $\hat{\text{I}}^3$ -Ray Activity in the Jet of the Blazar S5 0716+714. Astrophysical Journal, 2022, 925, 64.	4.5	6
3	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
4	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
5	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017â€™2019. Astrophysical Journal, 2022, 927, 197.	4.5	11
6	New Tests of Milli-lensing in the Blazar PKS 1413 + 135. Astrophysical Journal, 2022, 927, 24.	4.5	3
7	Kinematics of Parsec-scale Jets of Gamma-Ray Blazars at 43 GHz during 10 yr of the VLBA-BU-BLAZAR Program. Astrophysical Journal, Supplement Series, 2022, 260, 12.	7.7	40
8	The Relativistic Jet Orientation and Host Galaxy of the Peculiar Blazar PKS 1413+135. Astrophysical Journal, 2021, 907, 61.	4.5	13
9	VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. Astronomy and Astrophysics, 2021, 647, A163.	5.1	11
10	The complex variability of blazars: time-scales and periodicity analysis in S4â€™0954+65. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5629-5646.	4.4	21
11	Investigating the Mini and Giant Radio Flare Episodes of Cygnus X-3. Astrophysical Journal, 2021, 906, 10.	4.5	6
12	Magnetic field strengths of the synchrotron self-absorption region in the jet of CTAâ€™102 during radio flares. Monthly Notices of the Royal Astronomical Society, 2021, 510, 815-833.	4.4	6
13	Multiwavelength behaviour of the blazar 3Câ€™279: decade-long study from $\hat{\text{I}}^3$ -ray to radio. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3829-3848.	4.4	40
14	Probing the Innermost Regions of AGN Jets and Their Magnetic Fields with RadioAstron. III. Blazar S5 0716+71 at Microarcsecond Resolution. Astrophysical Journal, 2020, 893, 68.	4.5	17
15	The beamed jet and quasar core of the distant blazar 4Câ€™71.07. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1837-1849.	4.4	7
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	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45.	5.1	32
18	The flat-spectrum radio quasar 3C 345 from the high to the low emission state. Astronomy and Astrophysics, 2018, 614, A148.	5.1	10

#	ARTICLE	IF	CITATIONS
19	Synchrotron emission from the blazar PG 1553+113. An analysis of its flux and polarization variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3762-3774.	4.4	19
20	Symmetric Achromatic Variability in Active Galaxies: A Powerful New Gravitational Lensing Probe?. <i>Astrophysical Journal</i> , 2017, 845, 89.	4.5	20
21	Kinematics of Parsec-scale Jets of Gamma-Ray Blazars at 43 GHz within the VLBA-BU-BLAZAR Program. <i>Astrophysical Journal</i> , 2017, 846, 98.	4.5	230
22	Simultaneous spectra and radio properties of BL Lacs. <i>Astronomische Nachrichten</i> , 2017, 338, 700-714.	1.2	9
23	The Peculiar Light Curve of J1415+1320: A Case Study in Extreme Scattering Events. <i>Astrophysical Journal</i> , 2017, 845, 90.	4.5	14
24	Blazar spectral variability as explained by a twisted inhomogeneous jet. <i>Nature</i> , 2017, 552, 374-377.	27.8	112
25	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A13.	5.1	8,344
26	Locating the $\hat{\nu}^3$ -ray emission site in <i>Fermi</i>/LAT blazars – II. Multifrequency correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 171-180.	4.4	23
27	A MULTI-WAVELENGTH POLARIMETRIC STUDY OF THE BLAZAR CTA 102 DURING A GAMMA-RAY FLARE IN 2012. <i>Astrophysical Journal</i> , 2015, 813, 51.	4.5	51
28	Locating the $\hat{\nu}^3$ -ray emission site in <i>Fermi</i>/LAT blazars from correlation analysis between 37ÅGHz radio and $\hat{\nu}^3$ -ray light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1280-1294.	4.4	41
29	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. <i>Astronomical Journal</i> , 2014, 148, 42.	4.7	34
30	The connection between the parsec-scale radio jet and $\hat{\nu}^3$ -ray flares in the blazar 1156+295. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1636-1646.	4.4	18
31	A TIGHT CONNECTION BETWEEN GAMMA-RAY OUTBURSTS AND PARSEC-SCALE JET ACTIVITY IN THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2013, 773, 147.	4.5	141
32	FLARE-LIKE VARIABILITY OF THE Mg II $\hat{\nu}^3$ 2800 EMISSION LINE IN THE $\hat{\nu}^3$ -RAY BLAZAR 3C 454.3. <i>Astrophysical Journal Letters</i> , 2013, 763, L36.	8.3	74
33	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
34	The connection between gamma-ray emission and millimeter flares in <i>Fermi</i>/LAT blazars. <i>Astronomy and Astrophysics</i> , 2011, 532, A146.	5.1	70
35	Correlation between <i>Fermi</i>/LAT gamma-ray and 37ÅGHz radio properties of northern AGN averaged over 11 months. <i>Astronomy and Astrophysics</i> , 2011, 535, A69.	5.1	23
36	CONNECTION BETWEEN THE ACCRETION DISK AND JET IN THE RADIO GALAXY 3C 111. <i>Astrophysical Journal</i> , 2011, 734, 43.	4.5	92

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37	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	4.5	70
38	LOCATION OF $\hat{\gamma}$ -RAY FLARE EMISSION IN THE JET OF THE BL LACERTAE OBJECT OJ287 MORE THAN 14 pc FROM THE CENTRAL ENGINE. <i>Astrophysical Journal Letters</i> , 2011, 726, L13.	8.3	171
39	ON THE LOCATION OF THE $\hat{\gamma}$ -RAY OUTBURST EMISSION IN THE BL LACERTAE OBJECT AO 0235+164 THROUGH OBSERVATIONS ACROSS THE ELECTROMAGNETIC SPECTRUM. <i>Astrophysical Journal Letters</i> , 2011, 735, L10.	8.3	109
40	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.	4.5	52
41	PROBING THE INNER JET OF THE QUASAR PKS 1510+089 WITH MULTI-WAVEBAND MONITORING DURING STRONG GAMMA-RAY ACTIVITY. <i>Astrophysical Journal Letters</i> , 2010, 710, L126-L131.	8.3	353
42	Doppler factors, Lorentz factors and viewing angles for quasars, BL Lacertae objects and radio galaxies. <i>Astronomy and Astrophysics</i> , 2009, 494, 527-537.	5.1	338
43	Coordinated Multiwavelength Observation of 3C 66A during the WEBT Campaign of 2003+2004. <i>Astrophysical Journal</i> , 2005, 631, 169-186.	4.5	44
44	Testing of Inverse Compton Models for Active Galactic Nuclei with Gamma-Ray and Radio Observations. <i>Astrophysical Journal</i> , 2003, 590, 95-108.	4.5	78
45	Total Flux Density Variations in Extragalactic Radio Sources. III. Doppler Boosting Factors, Lorentz Factors, and Viewing Angles for Active Galactic Nuclei. <i>Astrophysical Journal</i> , 1999, 521, 493-501.	4.5	171
46	Fifteen years monitoring of extragalactic radio sources at 22, 37 and 87 GHz. <i>Astronomy and Astrophysics</i> , 1998, 132, 305-331.	2.1	218
47	Multiwavelength variability and correlation studies of Mrk 421 during historically low X-ray and $\hat{\gamma}$ -ray activity in 2015+2016. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	13