

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	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A13.	5.1	8,344
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Blazar spectral variability as explained by a twisted inhomogeneous jet. <i>Nature</i> , 2017, 552, 374-377.	27.8	112
10	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
11	CONNECTION BETWEEN THE ACCRETION DISK AND JET IN THE RADIO GALAXY 3C 111. <i>Astrophysical Journal</i> , 2011, 734, 43.	4.5	92
12	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
13	FLARE-LIKE VARIABILITY OF THE Mg II $\hat{\gamma}$ 2800 EMISSION LINE IN THE $\hat{\gamma}$ -RAY BLAZAR 3C 454.3. <i>Astrophysical Journal Letters</i> , 2013, 763, L36.	8.3	74
14	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
15	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	4.5	70
16	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
17	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
18	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

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19	Coordinated Multiwavelength Observation of 3C 66A during the WEBT Campaign of 2003–2004. <i>Astrophysical Journal</i> , 2005, 631, 169-186.	4.5	44
20	Locating the $\hat{\nu}$ -ray emission site in <i>Fermi</i> /LAT blazars from correlation analysis between 37 GHz radio and $\hat{\nu}$ -ray light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1280-1294.	4.4	41
21	Multiwavelength behaviour of the blazar 3C 279: decade-long study from $\hat{\nu}$ -ray to radio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3829-3848.	4.4	40
22	Kinematics of Parsec-scale Jets of Gamma-Ray Blazars at 43 GHz during 10 yr of the VLBA-BU-BLAZAR Program. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 12.	7.7	40
23	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. <i>Astronomical Journal</i> , 2014, 148, 42.	4.7	34
24	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. <i>Astronomy and Astrophysics</i> , 2018, 619, A45.	5.1	32
25	Correlation between <i>Fermi</i> /LAT $\hat{\nu}$ -ray and 37 GHz radio properties of northern AGN averaged over 11 months. <i>Astronomy and Astrophysics</i> , 2011, 535, A69.	5.1	23
26	Locating the $\hat{\nu}$ -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	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.	4.4	23
28	The complex variability of blazars: time-scales and periodicity analysis in S4 0954+65. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5629-5646.	4.4	21
29	Symmetric Achromatic Variability in Active Galaxies: A Powerful New Gravitational Lensing Probe?. <i>Astrophysical Journal</i> , 2017, 845, 89.	4.5	20
30	The Unanticipated Phenomenology of the Blazar PKS 2131–021: A Unique Supermassive Black Hole Binary Candidate. <i>Astrophysical Journal Letters</i> , 2022, 926, L35.	8.3	20
31	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
32	The connection between the parsec-scale radio jet and $\hat{\nu}$ -ray flares in the blazar 1156+295. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1636-1646.	4.4	18
33	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.	4.5	17
34	The Peculiar Light Curve of J1415+1320: A Case Study in Extreme Scattering Events. <i>Astrophysical Journal</i> , 2017, 845, 90.	4.5	14
35	Multiwavelength Variability Power Spectrum Analysis of the Blazars 3C 279 and PKS 1510–089 on Multiple Timescales. <i>Astrophysical Journal</i> , 2022, 927, 214.	4.5	14
36	The Relativistic Jet Orientation and Host Galaxy of the Peculiar Blazar PKS 1413+135. <i>Astrophysical Journal</i> , 2021, 907, 61.	4.5	13

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37	Multiwavelength variability and correlation studies of Mrk421 during historically low X-ray and $\hat{\gamma}$ -ray activity in 2015–2016. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	13
38	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
39	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. Astrophysical Journal, 2022, 927, 197.	4.5	11
40	The flat-spectrum radio quasar 3C 345 from the high to the low emission state. Astronomy and Astrophysics, 2018, 614, A148.	5.1	10
41	Simultaneous spectra and radio properties of BL Lacs. Astronomische Nachrichten, 2017, 338, 700-714.	1.2	9
42	The beamed jet and quasar core of the distant blazar 4C71.07. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1837-1849.	4.4	7
43	Investigating the Mini and Giant Radio Flare Episodes of Cygnus X-3. Astrophysical Journal, 2021, 906, 10.	4.5	6
44	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
45	Radio and $\hat{\gamma}$ -Ray Activity in the Jet of the Blazar S5 0716+714. Astrophysical Journal, 2022, 925, 64.	4.5	6
46	Magnetic field strengths of the synchrotron self-absorption region in the jet of CTA102 during radio flares. Monthly Notices of the Royal Astronomical Society, 2021, 510, 815-833.	4.4	6
47	New Tests of Milli-lensing in the Blazar PKS 1413 + 135. Astrophysical Journal, 2022, 927, 24.	4.5	3