Anne LÃ¤hteenmÃ¤ki

List of Publications by Year
in descending order

47 papers	11,272 citations	257101 24 h-index	223531 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.	1.6	6
2	Radio and Î³-Ray Activity in the Jet of the Blazar S5 0716+714. Astrophysical Journal, 2022, 925, 64.	1.6	6
3	The Unanticipated Phenomenology of the Blazar PKS 2131â€“021: A Unique Supermassive Black Hole Binary Candidate. Astrophysical Journal Letters, 2022, 926, L35.	3.0	20
4	Multiwavelength Variability Power Spectrum Analysis of the Blazars 3C 279 and PKS 1510â€“089 on Multiple Timescales. Astrophysical Journal, 2022, 927, 214.	1.6	14
5	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017â€“2019. Astrophysical Journal, 2022, 927, 197.	1.6	11
6	New Tests of Milli-lensing in the Blazar PKS 1413 + 135. Astrophysical Journal, 2022, 927, 24.	1.6	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.	3.0	40
8	The Relativistic Jet Orientation and Host Galaxy of the Peculiar Blazar PKS 1413+135. Astrophysical Journal, 2021, 907, 61.	1.6	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.	2.1	11
10	The complex variability of blazars: time-scales and periodicity analysis in S4Â0954+65. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5629-5646.	1.6	21
11	Investigating the Mini and Giant Radio Flare Episodes of Cygnus X-3. Astrophysical Journal, 2021, 906, 10.	1.6	6
12	Magnetic field strengths of the synchrotron self-absorption region in the jet of CTAÂ102 during radio flares. Monthly Notices of the Royal Astronomical Society, 2021, 510, 815-833.	1.6	6
13	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.	1.6	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.	1.6	17
15	The beamed jet and quasar core of the distant blazar 4CÂ71.07. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1837-1849.	1.6	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.	1.6	23
17	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45.	2.1	32
18	The flat-spectrum radio quasar 3C 345 from the high to the low emission state. Astronomy and Astrophysics, 2018, 614, A148.	2.1	10

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19	Synchrotron emission from the blazar PG 1553+113. An analysis of its flux and polarization variability. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3762-3774.	1.6	19
20	Symmetric Achromatic Variability in Active Galaxies: A Powerful New Gravitational Lensing Probe?. Astrophysical Journal, 2017, 845, 89.	1.6	20
21	Kinematics of Parsec-scale Jets of Gamma-Ray Blazars at 43 GHz within the VLBA-BU-BLAZAR Program. Astrophysical Journal, 2017, 846, 98.	1.6	230
22	Simultaneous spectra and radio properties of BL Lacs. Astronomische Nachrichten, 2017, 338, 700-714.	0.6	9
23	The Peculiar Light Curve of J1415+1320: A Case Study in Extreme Scattering Events. Astrophysical Journal, 2017, 845, 90.	1.6	14
24	Blazar spectral variability as explained by a twisted inhomogeneous jet. Nature, 2017, 552, 374-377.	13.7	112
25	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A13.	2.1	8,344
26	Locating the Î³-ray emission site inFermi/LAT blazars â€“ II. Multifrequency correlations. Monthly Notices of the Royal Astronomical Society, 2016, 456, 171-180.	1.6	23
27	A MULTI-WAVELENGTH POLARIMETRIC STUDY OF THE BLAZAR CTA 102 DURING A GAMMA-RAY FLARE IN 2012. Astrophysical Journal, 2015, 813, 51.	1.6	51
28	Locating the Î³-ray emission site inFermi/LAT blazars from correlation analysis between 37ÂGHz radio and Î³-ray light curves. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1280-1294.	1.6	41
29	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. Astronomical Journal, 2014, 148, 42.	1.9	34
30	The connection between the parsec-scale radio jet and Î³-ray flares in the blazar 1156+295. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1636-1646.	1.6	18
31	A TIGHT CONNECTION BETWEEN GAMMA-RAY OUTBURSTS AND PARSEC-SCALE JET ACTIVITY IN THE QUASAR 3C 454.3. Astrophysical Journal, 2013, 773, 147.	1.6	141
32	FLARE-LIKE VARIABILITY OF THE Mg II Î»2800 EMISSION LINE IN THE Î³-RAY BLAZAR 3C 454.3. Astrophysical Journal Letters, 2013, 763, L36.	3.0	74
33	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. Astrophysical Journal, 2012, 751, 159.	1.6	54
34	The connection between gamma-ray emission and millimeter flares inFermi/LAT blazars. Astronomy and Astrophysics, 2011, 532, A146.	2.1	70
35	Correlation betweenFermi/LATÂgamma-ray and 37ÂGHz radio properties of northern AGN averaged over 11 months. Astronomy and Astrophysics, 2011, 535, A69.	2.1	23
36	CONNECTION BETWEEN THE ACCRETION DISK AND JET IN THE RADIO GALAXY 3C 111. Astrophysical Journal, 2011, 734, 43.	1.6	92

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37	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. Astrophysical Journal, 2011, 726, 43.	1.6	70
38	LOCATION OF Î³-RAY FLARE EMISSION IN THE JET OF THE BL LACERTAE OBJECT OJ287 MORE THAN 14 pc FROM THE CENTRAL ENGINE. Astrophysical Journal Letters, 2011, 726, L13.	3.0	171
39	ON THE LOCATION OF THE Î³-RAY OUTBURST EMISSION IN THE BL LACERTAE OBJECT AO 0235+164 THROUGH OBSERVATIONS ACROSS THE ELECTROMAGNETIC SPECTRUM. Astrophysical Journal Letters, 2011, 735, L10.	3.0	109
40	THE FIRSTFERMIMULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. Astrophysical Journal, 2011, 730, 101.	1.6	52
41	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.	3.0	353
42	Doppler factors, Lorentz factors and viewing angles for quasars, BL Lacertae objects and radio galaxies. Astronomy and Astrophysics, 2009, 494, 527-537.	2.1	338
43	Coordinated Multiwavelength Observation of 3C 66A during the WEBT Campaign of 2003â€“2004. Astrophysical Journal, 2005, 631, 169-186.	1.6	44
44	Testing of Inverse Compton Models for Active Galactic Nuclei with Gammaâ€Ray and Radio Observations. Astrophysical Journal, 2003, 590, 95-108.	1.6	78
45	Total Flux Density Variations in Extragalactic Radio Sources. III. Doppler Boosting Factors, Lorentz Factors, and Viewing Angles for Active Galactic Nuclei. Astrophysical Journal, 1999, 521, 493-501.	1.6	171
46	Fifteen years monitoring of extragalactic radio sources at 22, 37 and 87 GHz. Astronomy and Astrophysics, 1998, 132, 305-331.	2.1	218
47	Multiwavelength variability and correlation studies of MrkÂ421 during historically low X-ray and Î³-ray activity in 2015â€“2016. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	13