Joni Tammi

List of Publications by Year
in descending order

51 papers	2,103 citations	393982 19 h-index	243296 44 g-index
51 all docs	51 docs citations	51 times ranked	2073 citing authors

#	Article	IF	Citations
1	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	1.9	504
2	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. Astrophysical Journal, 2011, 736, 131.	1.6	261
3	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
4	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.	1.6	152
5	Blazar spectral variability as explained by a twisted inhomogeneous jet. Nature, 2017, 552, 374-377.	13.7	112
6	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. Astrophysical Journal, 2016, 819, 156.	1.6	90
7	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. Astrophysical Journal, 2009, 707, 727-737.	1.6	81
8	Twenty years monitoring of extragalactic sources at 22, 37 and 87 GHz. Astronomy and Astrophysics, 2004, 427, 769-771.	2.1	80
9	Stochastic Acceleration in Relativistic Parallel Shocks. Astrophysical Journal, 2005, 621, 313-323.	1.6	70
10	FIRSTNuSTAROBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. Astrophysical Journal, 2015, 812, 65.	1.6	49
11	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
12	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. Astronomical Journal, 2014, 148, 42.	1.9	34
13	Particle-acceleration time-scales in TeV blazar flares. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1063-1069.	1.6	33
14	The WEBT campaign on the BL Lac object PG 1553+113 in 2013. An analysis of the enigmatic synchrotron emission. Monthly Notices of the Royal Astronomical Society, 2015, 454, 353-367.	1.6	33
15	Study of the variable broadband emission of Markarian 501 during the most extreme Swift X-ray activity. Astronomy and Astrophysics, 2020, 637, A86.	2.1	28
16	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April [*]. Astrophysical Journal, Supplement Series, 2020, 248, 29.	3.0	25
17	Long-term Variability and Correlation Study of the Blazar 3C 454.3 in the Radio, NIR, and Optical Wavebands. Astrophysical Journal, 2019, 887, 185.	1.6	24
18	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. Astrophysical Journal, 2020, 890, 97.	1.6	21

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19	Results of long-term monitoring of 3C 273 over a wide range of wavelengths. Astronomy Reports, 2013, 57, 34-45.	0.2	20
20	AlfvÃ©n-wave transmission and test-particle acceleration in parallel relativistic shocks. Astronomy and Astrophysics, 2003, 409, 821-829.	2.1	20
21	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
22	Multi-frequency studies of the non-stationary radiation of the blazar 3C 454.3. Astronomy Reports, 2011, 55, 608-615.	0.2	17
23	Synchrotron flaring behaviour of CygnusÂX-3 during theÂFebruary-March 1994 and September 2001 outbursts. Astronomy and Astrophysics, 2007, 473, 923-929.	2.1	17
24	Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTAÂ102 during 2013â€“2017. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5300-5316.	1.6	16
25	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
26	The broad-band properties of the intermediate synchrotron peaked BLâ€‰Lacâ€‰S2â€‰0109+22 from radio to VHE gamma-rays. Monthly Notices of the Royal Astronomical Society, 2018, 480, 879-892.	1.6	13
27	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017â€“2019. Astrophysical Journal, 2022, 927, 197.	1.6	11
28	Forty years of solar radio observations at MetsÃhovi Radio Observatory. Astronomische Nachrichten, 2018, 339, 204-211.	0.6	10
29	Simultaneous spectra and radio properties of BL Lacs. Astronomische Nachrichten, 2017, 338, 700-714.	0.6	9
30	Long-term, multi-frequency monitoring of the blazar S0528+134 (Nimfa). Astronomy Reports, 2014, 58, 71-77.	0.2	8
31	Particle acceleration in thick parallel shocks with high compression ratio. Astronomy and Astrophysics, 2005, 439, 461-464.	2.1	8
32	A prolonged flare in the blazar 3C 454.3. Astronomy Reports, 2013, 57, 46-51.	0.2	7
33	AlfvÃ©n-wave transmission and test-particle acceleration in parallel relativistic shocks. Astronomy and Astrophysics, 2005, 431, 7-7.	2.1	6
34	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
35	Turbulence transmission in parallel relativistic shocks using ray tracing. Astronomy and Astrophysics, 2006, 460, 23-28.	2.1	5
36	Rapid variability of the radio flux density of the blazar J0721+7120 (S5 0716+714) in 2010. Astronomy Reports, 2011, 55, 1096-1104.	0.2	5

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37	Far-infrared photometry of OJ 287 with the Herschel Space Observatory. Astronomy and Astrophysics, 2018, 610, A74.	2.1	5
38	WAVE TRANSMISSION AND HARD PARTICLE SPECTRA FROM PARALLEL SHOCKS. International Journal of Modern Physics D, 2008, 17, 1811-1817.	0.9	4
39	Solar observing system for radio frequencies 5â€“120 MHz. Astronomische Nachrichten, 2018, 339, 656-660.	0.6	4
40	Cosmological Evolution of Quasar Radio Emission in the View of Multifractality. Astrophysical Journal, 2019, 873, 108.	1.6	4
41	Anomalous flare activity of the blasar 3c 454.3 during 2005â€“2011. Astrophysics, 2011, 54, 363-370.	0.1	3
42	Particle-acceleration timescales in TeV blazar flares. , 2008, , .		2
43	DISKâ€“JET CONNECTION IN AGNs AND MICROQUASARS: THE POSSIBILITY OF THERMAL FLARES IN THE CENTER. International Journal of Modern Physics D, 2010, 19, 971-976.	0.9	1
44	Nonlinear synchrotron self-compton modelling of blazars. , 2015, , .		1
45	Flare Activity of Blazar AO 0235+164. Cosmic Research, 2019, 57, 85-90.	0.2	1
46	Solar polarization observations at 3 and 13â€‰mm. Astronomische Nachrichten, 2020, 341, 118-124.	0.6	1
47	Acceleration of electrons in highly compressed modified shocks. AIP Conference Proceedings, 2005, , .	0.3	0
48	Stochastic particle acceleration in parallel relativistic shocks. AIP Conference Proceedings, 2005, , .	0.3	0
49	Bottom-up modelling of gamma-ray blazars. Journal of Physics: Conference Series, 2012, 355, 012014.	0.3	0
50	Bottom-up modelling of gamma-ray AGNs. , 2012, , .		0
51	Connection between parsec-scale radio jet and gamma-ray flares in the blazar 1156+295. , 2015, , .		0