

Joni Tammi

List of Publications by Citations

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46
papers

1,563
citations

16
h-index

39
g-index

51
ext. papers

1,811
ext. citations

4.6
avg, IF

3.2
L-index

#	Paper	IF	Citations
46	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013 , 43, 3-18	2.4	389
45	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011 , 736, 131	4.7	212
44	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	4.7	156
43	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY γ -RAY OBSERVATIONS IN 2008-2010. <i>Astrophysical Journal</i> , 2012 , 754, 114	4.7	129
42	Blazar spectral variability as explained by a twisted inhomogeneous jet. <i>Nature</i> , 2017 , 552, 374-377	50.4	77
41	Twenty years monitoring of extragalactic sources at 22, 37 and 87 GHz. <i>Astronomy and Astrophysics</i> , 2004 , 427, 769-771	5.1	77
40	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009 , 707, 727-737	4.7	66
39	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. <i>Astrophysical Journal</i> , 2016 , 819, 156	4.7	63
38	Stochastic Acceleration in Relativistic Parallel Shocks. <i>Astrophysical Journal</i> , 2005 , 621, 313-323	4.7	62
37	FIRST NuSTAR OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015 , 812, 65	4.7	41
36	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. <i>Astronomical Journal</i> , 2014 , 148, 42	4.9	29
35	Particle-acceleration time-scales in TeV blazar flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 393, 1063-1069	4.3	28
34	The WEBT campaign on the BL Lac object PG 1553+113 in 2013. An analysis of the enigmatic synchrotron emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 353-367	4.3	24
33	Results of long-term monitoring of 3C 273 over a wide range of wavelengths. <i>Astronomy Reports</i> , 2013 , 57, 34-45	1.1	18
32	The connection between the parsec-scale radio jet and γ -ray flares in the blazar 1156+295. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 1636-1646	4.3	18
31	Alfvén-wave transmission and test-particle acceleration in parallel relativistic shocks. <i>Astronomy and Astrophysics</i> , 2003 , 409, 821-829	5.1	18
30	Synchrotron flaring behaviour of Cygnus X-3 during the February-March 1994 and September 2001 outbursts. <i>Astronomy and Astrophysics</i> , 2007 , 473, 923-929	5.1	15

29	Long-term Variability and Correlation Study of the Blazar 3C 454.3 in the Radio, NIR, and Optical Wavebands. <i>Astrophysical Journal</i> , 2019 , 887, 185	4.7	14
28	Multi-frequency studies of the non-stationary radiation of the blazar 3C 454.3. <i>Astronomy Reports</i> , 2011 , 55, 608-615	1.1	12
27	Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTA 102 during 2013-2017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 5300-5316	4.3	10
26	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 248, 29	8	9
25	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020 , 890, 97	4.7	8
24	Long-term, multi-frequency monitoring of the blazar S0528+134 (Nimfa). <i>Astronomy Reports</i> , 2014 , 58, 71-77	1.1	8
23	A prolonged flare in the blazar 3C 454.3. <i>Astronomy Reports</i> , 2013 , 57, 46-51	1.1	7
22	Study of the variable broadband emission of Markarian 501 during the most extreme Swift X-ray activity. <i>Astronomy and Astrophysics</i> , 2020 , 637, A86	5.1	7
21	Particle acceleration in thick parallel shocks with high compression ratio. <i>Astronomy and Astrophysics</i> , 2005 , 439, 461-464	5.1	7
20	Alfvén-wave transmission and test-particle acceleration in parallel relativistic shocks. <i>Astronomy and Astrophysics</i> , 2005 , 431, 7-7	5.1	6
19	The broad-band properties of the intermediate synchrotron peaked BL Lac S2 0109+22 from radio to VHE gamma-rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 879-892	4.3	6
18	Forty years of solar radio observations at Metsäovi Radio Observatory. <i>Astronomische Nachrichten</i> , 2018 , 339, 204-211	0.7	5
17	Simultaneous spectra and radio properties of BL Lacs. <i>Astronomische Nachrichten</i> , 2017 , 338, 700-714	0.7	5
16	Rapid variability of the radio flux density of the blazar J0721+7120 (S5 0716+714) in 2010. <i>Astronomy Reports</i> , 2011 , 55, 1096-1104	1.1	5
15	Turbulence transmission in parallel relativistic shocks using ray tracing. <i>Astronomy and Astrophysics</i> , 2006 , 460, 23-28	5.1	5
14	Cosmological Evolution of Quasar Radio Emission in the View of Multifractality. <i>Astrophysical Journal</i> , 2019 , 873, 108	4.7	4
13	WAVE TRANSMISSION AND HARD PARTICLE SPECTRA FROM PARALLEL SHOCKS. <i>International Journal of Modern Physics D</i> , 2008 , 17, 1811-1817	2.2	4
12	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	8	4

11	Anomalous flare activity of the blazar 3c 454.3 during 2005–2011. <i>Astrophysics</i> , 2011 , 54, 363-370	0.6	3
10	Far-infrared photometry of OJ 287 with the Herschel Space Observatory. <i>Astronomy and Astrophysics</i> , 2018 , 610, A74	5.1	3
9	Solar observing system for radio frequencies 5–20 MHz. <i>Astronomische Nachrichten</i> , 2018 , 339, 656-660	0.7	2
8	Multiwavelength Variability Power Spectrum Analysis of the Blazars 3C 279 and PKS 1510–089 on Multiple Timescales. <i>Astrophysical Journal</i> , 2022 , 927, 214	4.7	2
7	Solar polarization observations at 3 and 13 mm. <i>Astronomische Nachrichten</i> , 2020 , 341, 118-124	0.7	1
6	Nonlinear synchrotron self-compton modelling of blazars 2015 ,		1
5	DISK–JET CONNECTION IN AGNs AND MICROQUASARS: THE POSSIBILITY OF THERMAL FLARES IN THE CENTER. <i>International Journal of Modern Physics D</i> , 2010 , 19, 971-976	2.2	1
4	Magnetic field strengths of the synchrotron self-absorption region in the jet of CTA 102 during radio flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 815-833	4.3	1
3	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. <i>Astrophysical Journal</i> , 2022 , 927, 197	4.7	0
2	Flare Activity of Blazar AO 0235+164. <i>Cosmic Research</i> , 2019 , 57, 85-90	0.6	
1	Bottom-up modelling of gamma-ray blazars. <i>Journal of Physics: Conference Series</i> , 2012 , 355, 012014	0.3	