

# Joni Tammi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Multiwavelength Variability Power Spectrum Analysis of the Blazars 3C 279 and PKS 1510089 on Multiple Timescales. <i>Astrophysical Journal</i> , <b>2022</b> , 927, 214	4.7	2
45	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017-2019. <i>Astrophysical Journal</i> , <b>2022</b> , 927, 197	4.7	0
44	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> , <b>2022</b> , 260, 12	8	4
43	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> , <b>2021</b> , 510, 815-833	4.3	1
42	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , <b>2020</b> , 890, 97	4.7	8
41	Solar polarization observations at 3 and 13 mm. <i>Astronomische Nachrichten</i> , <b>2020</b> , 341, 118-124	0.7	1
40	Study of the variable broadband emission of Markarian 501 during the most extreme Swift X-ray activity. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 637, A86	5.1	7
39	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> , <b>2020</b> , 248, 29	8	9
38	Cosmological Evolution of Quasar Radio Emission in the View of Multifractality. <i>Astrophysical Journal</i> , <b>2019</b> , 873, 108	4.7	4
37	Flare Activity of Blazar AO 0235+164. <i>Cosmic Research</i> , <b>2019</b> , 57, 85-90	0.6	
36	Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTA 102 during 2013-2017. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5300-5316	4.3	10
35	Long-term Variability and Correlation Study of the Blazar 3C 454.3 in the Radio, NIR, and Optical Wavebands. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 185	4.7	14
34	Forty years of solar radio observations at Metsäovi Radio Observatory. <i>Astronomische Nachrichten</i> , <b>2018</b> , 339, 204-211	0.7	5
33	Solar observing system for radio frequencies 5-20 MHz. <i>Astronomische Nachrichten</i> , <b>2018</b> , 339, 656-660	0.7	2
32	Far-infrared photometry of OJ 287 with the Herschel Space Observatory. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 610, A74	5.1	3
31	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> , <b>2018</b> , 480, 879-892	4.3	6
30	Kinematics of Parsec-scale Jets of Gamma-Ray Blazars at 43 GHz within the VLBA-BU-BLAZAR Program. <i>Astrophysical Journal</i> , <b>2017</b> , 846, 98	4.7	156

29	Simultaneous spectra and radio properties of BL Lacs. <i>Astronomische Nachrichten</i> , <b>2017</b> , 338, 700-714	0.7	5
28	Blazar spectral variability as explained by a twisted inhomogeneous jet. <i>Nature</i> , <b>2017</b> , 552, 374-377	50.4	77
27	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 156	4.7	63
26	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> , <b>2015</b> , 454, 353-367	4.3	24
25	FIRST NuSTAR OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 65	4.7	41
24	Nonlinear synchrotron self-compton modelling of blazars <b>2015</b> ,		1
23	Long-term, multi-frequency monitoring of the blazar S0528+134 (Nimfa). <i>Astronomy Reports</i> , <b>2014</b> , 58, 71-77	1.1	8
22	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. <i>Astronomical Journal</i> , <b>2014</b> , 148, 42	4.9	29
21	The connection between the parsec-scale radio jet and $\gamma$ -ray flares in the blazar 1156+295. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 445, 1636-1646	4.3	18
20	Results of long-term monitoring of 3C 273 over a wide range of wavelengths. <i>Astronomy Reports</i> , <b>2013</b> , 57, 34-45	1.1	18
19	A prolonged flare in the blazar 3C 454.3. <i>Astronomy Reports</i> , <b>2013</b> , 57, 46-51	1.1	7
18	Introducing the CTA concept. <i>Astroparticle Physics</i> , <b>2013</b> , 43, 3-18	2.4	389
17	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY $\gamma$ -RAY OBSERVATIONS IN 2008-2010. <i>Astrophysical Journal</i> , <b>2012</b> , 754, 114	4.7	129
16	Bottom-up modelling of gamma-ray blazars. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 355, 012014	0.3	
15	Multi-frequency studies of the non-stationary radiation of the blazar 3C 454.3. <i>Astronomy Reports</i> , <b>2011</b> , 55, 608-615	1.1	12
14	Rapid variability of the radio flux density of the blazar J0721+7120 (S5 0716+714) in 2010. <i>Astronomy Reports</i> , <b>2011</b> , 55, 1096-1104	1.1	5
13	Anomalous flare activity of the blazar 3c 454.3 during 2005-2011. <i>Astroparticle Physics</i> , <b>2011</b> , 54, 363-370	0.6	3
12	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , <b>2011</b> , 736, 131	4.7	212

11	DISKJET CONNECTION IN AGNs AND MICROQUASARS: THE POSSIBILITY OF THERMAL FLARES IN THE CENTER. <i>International Journal of Modern Physics D</i> , <b>2010</b> , 19, 971-976	2.2	1
10	Particle-acceleration time-scales in TeV blazar flares. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 393, 1063-1069	4.3	28
9	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , <b>2009</b> , 707, 727-737	4.7	66
8	WAVE TRANSMISSION AND HARD PARTICLE SPECTRA FROM PARALLEL SHOCKS. <i>International Journal of Modern Physics D</i> , <b>2008</b> , 17, 1811-1817	2.2	4
7	Synchrotron flaring behaviour of Cygnus X-3 during the February-March 1994 and September 2001 outbursts. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 473, 923-929	5.1	15
6	Turbulence transmission in parallel relativistic shocks using ray tracing. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 460, 23-28	5.1	5
5	Stochastic Acceleration in Relativistic Parallel Shocks. <i>Astrophysical Journal</i> , <b>2005</b> , 621, 313-323	4.7	62
4	Alfvén-wave transmission and test-particle acceleration in parallel relativistic shocks. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 431, 7-7	5.1	6
3	Particle acceleration in thick parallel shocks with high compression ratio. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 439, 461-464	5.1	7
2	Twenty years monitoring of extragalactic sources at 22, 37 and 87 GHz. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 427, 769-771	5.1	77
1	Alfvén-wave transmission and test-particle acceleration in parallel relativistic shocks. <i>Astronomy and Astrophysics</i> , <b>2003</b> , 409, 821-829	5.1	18