

Talvikki Hovatta

List of Publications by Year in descending order

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154
papers

6,802
citations

43973

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156
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156
docs citations

156
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#	ARTICLE	IF	CITATIONS
1	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.	3.0	353
2	Doppler factors, Lorentz factors and viewing angles for quasars, BL Lacertae objects and radio galaxies. <i>Astronomy and Astrophysics</i> , 2009, 494, 527-537.	2.1	338
3	MOJAVE: Monitoring of Jets in Active galactic nuclei with VLBA Experiments. <i>Astronomy and Astrophysics</i> , 2012, 545, A113.	2.1	182
4	Relativistic beaming and gamma-ray brightness of blazars. <i>Astronomy and Astrophysics</i> , 2010, 512, A24.	2.1	181
5	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. VIII. FARADAY ROTATION IN PARSEC-SCALE AGN JETS. <i>Astronomical Journal</i> , 2012, 144, 105.	1.9	174
6	MOJAVE. XVII. Jet Kinematics and Parent Population Properties of Relativistically Beamed Radio-loud Blazars. <i>Astrophysical Journal</i> , 2019, 874, 43.	1.6	157
7	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , 2015, 813, L41.	3.0	144
8	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. XI. SPECTRAL DISTRIBUTIONS. <i>Astronomical Journal</i> , 2014, 147, 143.	1.9	115
9	A method for the estimation of the significance of cross-correlations in unevenly sampled red-noise time series. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 437-459.	1.6	115
10	TeV AND MULTI-WAVELENGTH OBSERVATIONS OF Mrk 421 IN 2006-2008. <i>Astrophysical Journal</i> , 2011, 738, 25.	1.6	111
11	Time correlation between the radio and gamma-ray activity in blazars and the production site of the gamma-ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 428-436.	1.6	109
12	DISK-JET CONNECTION IN THE RADIO GALAXY 3C 120. <i>Astrophysical Journal</i> , 2009, 704, 1689-1703.	1.6	101
13	$\hat{\gamma}$ -RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011, 742, 27.	1.6	101
14	SBS 0846+513: a new $\hat{\gamma}$ -ray-emitting narrow-line Seyfert 1 galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 317-329.	1.6	101
15	WEBT and XMM-Newton observations of 3C 454.3 during the post-outburst phase. <i>Astronomy and Astrophysics</i> , 2007, 473, 819-827.	2.1	88
16	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND". <i>Astrophysical Journal</i> , 2010, 712, 405-420.	1.6	88
17	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE FERMI-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 810-827.	1.6	87
18	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015, 576, A126.	2.1	84

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19	RoboPol: first season rotations of optical polarization plane in blazars. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1669-1683.	1.6	84
20	Constraining the Limiting Brightness Temperature and Doppler Factors for the Largest Sample of Radio-bright Blazars. Astrophysical Journal, 2018, 866, 137.	1.6	81
21	RAPID TeV GAMMA-RAY FLARING OF BL LACERTAE. Astrophysical Journal, 2013, 762, 92.	1.6	80
22	Statistical analyses of long-term variability of AGN at high radio frequencies. Astronomy and Astrophysics, 2007, 469, 899-912.	2.1	79
23	Long-term optical monitoring of TeV emitting blazars. Astronomy and Astrophysics, 2018, 620, A185.	2.1	79
24	VERY HIGH ENERGY γ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. Astrophysical Journal Letters, 2015, 815, L23.	3.0	78
25	24 year monitoring of extragalactic sources at 22 and 37 GHz. Astronomy and Astrophysics, 2005, 440, 409-410.	2.1	76
26	Blazar sequence "an artefact of Doppler boosting. Astronomy and Astrophysics, 2008, 488, 867-872.	2.1	74
27	RoboPol: the optical polarization of gamma-ray-loud and gamma-ray-quiet blazars. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3365-3380.	1.6	73
28	Long-term radio variability of AGN: flare characteristics. Astronomy and Astrophysics, 2008, 485, 51-61.	2.1	71
29	MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510+089 in early 2012. Astronomy and Astrophysics, 2014, 569, A46.	2.1	70
30	GAMMA-RAYS FROM THE QUASAR PKS 1441+25: STORY OF AN ESCAPE. Astrophysical Journal Letters, 2015, 815, L22.	3.0	69
31	Another look at the BL Lacertae flux and spectral variability. Astronomy and Astrophysics, 2010, 524, A43.	2.1	68
32	Connecting radio variability to the characteristics of gamma-ray blazars. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3058-3069.	1.6	67
33	RoboPol: optical polarization-plane rotations and flaring activity in blazars. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2252-2262.	1.6	67
34	The WEBT Campaign on the Blazar 3C 279 in 2006. Astrophysical Journal, 2007, 670, 968-977.	1.6	66
35	The GASP-WEBT monitoring of 3C 454.3 during the 2008 optical-to-radio and γ -ray outburst. Astronomy and Astrophysics, 2009, 504, L9-L12.	2.1	63
36	AGILE detection of extreme γ -ray activity from the blazar PKS 1510-089 during March 2009. Astronomy and Astrophysics, 2011, 529, A145.	2.1	62

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37	RoboPol: connection between optical polarization plane rotations and gamma-ray flares in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1296-1306.	1.6	62
38	A quasi-periodic oscillation in the blazar J1359+4011. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 436, L114-L117.	1.2	61
39	STUDIES OF THE JET IN BL LACERTAE. I. RECOLLIMATION SHOCK AND MOVING EMISSION FEATURES. <i>Astrophysical Journal</i> , 2014, 787, 151.	1.6	60
40	Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5 0716+71. <i>Astronomy and Astrophysics</i> , 2006, 451, 797-807.	2.1	58
41	Stochastic Modeling of Multiwavelength Variability of the Classical BL Lac Object OJ 287 on Timescales Ranging from Decades to Hours. <i>Astrophysical Journal</i> , 2018, 863, 175.	1.6	56
42	Connection between optical and $\hat{\gamma}$ -ray variability in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 690-702.	1.6	53
43	MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 IN 2005-2006. <i>Astrophysical Journal</i> , 2009, 695, 596-618.	1.6	52
44	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.	1.6	52
45	The RoboPol optical polarization survey of gamma-ray-loud blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1693-1705.	1.6	52
46	Radio and $\hat{\gamma}$ -ray follow-up of the exceptionally high-activity state of PKS 1510+089 in 2011. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 2418-2429.	1.6	50
47	Radio-to-UV monitoring of AO 0235+164 by the WEBT and Swift during the 2006-2007 outburst. <i>Astronomy and Astrophysics</i> , 2008, 480, 339-347.	2.1	49
48	FIRST <i>NuSTAR</i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	1.6	49
49	MAGIC long-term study of the distant TeV blazar PKS 1424+240 in a multiwavelength context. <i>Astronomy and Astrophysics</i> , 2014, 567, A135.	2.1	48
50	A connection between $\hat{\gamma}$ -ray and parsec-scale radio flares in the blazar 3C 273. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4478-4493.	1.6	47
51	The RoboPol pipeline and control system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1706-1717.	1.6	46
52	Optical polarization of high-energy BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2016, 596, A78.	2.1	45
53	Multifrequency studies of the narrow-line Seyfert 1 galaxy SBS 0846+513. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 191-201.	1.6	44
54	WHY HAVE MANY OF THE BRIGHTEST RADIO-LOUD BLAZARS NOT BEEN DETECTED IN GAMMA-RAYS BY <i>FERMI</i> ? <i>Astrophysical Journal Letters</i> , 2015, 810, L9.	3.0	44

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55	Association of IceCube neutrinos with radio sources observed at Owens Valley and Mets�hovi Radio Observatories. <i>Astronomy and Astrophysics</i> , 2021, 650, A83.	2.1	44
56	Radio-to- $\hat{\gamma}$ -ray monitoring of the narrow-line Seyfert 1 galaxy PMN J0948+0022 from 2008 to 2011. <i>Astronomy and Astrophysics</i> , 2012, 548, A106.	2.1	43
57	A combined radio and GeV $\hat{\gamma}$ -ray view of the 2012 and 2013 flares of Mrk 421. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 3121-3131.	1.6	42
58	Locating the $\hat{\gamma}$ -ray emission site in Fermi/LAT blazars from correlation analysis between 37 GHz radio and $\hat{\gamma}$ -ray light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1280-1294.	1.6	41
59	Multiwavelength behaviour of the blazar 3C 279: decade-long study from $\hat{\gamma}$ -ray to radio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3829-3848.	1.6	40
60	The most powerful flaring activity from the NLSy1 PMN J0948+0022. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 2456-2467.	1.6	38
61	The RINGO2 and DIPOL optical polarization catalogue of blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4267-4299.	1.6	38
62	RoboPol: do optical polarization rotations occur in all blazars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1775-1785.	1.6	38
63	Relativistic Jets of Blazars. <i>New Astronomy Reviews</i> , 2019, 87, 101541.	5.2	37
64	The ordinary life of the $\hat{\gamma}$ -ray emitting narrow-line Seyfert 1 galaxy PKS 1502+036. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 952-961.	1.6	36
65	Long-term multi-wavelength variability and correlation study of Markarian 421 from 2007 to 2009. <i>Astronomy and Astrophysics</i> , 2016, 593, A91.	2.1	36
66	High radio-frequency properties and variability of brightest cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1223-1240.	1.6	35
67	Evidence for a large-scale helical magnetic field in the quasar 3C 454.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3341-3356.	1.6	34
68	STUDIES OF THE JET IN BL LACERTAE. II. SUPERLUMINAL ALFV�N WAVES. <i>Astrophysical Journal</i> , 2015, 803, 3.	1.6	34
69	MAGIC observations and multifrequency properties of the flat spectrum radio quasar 3C 279 in 2011. <i>Astronomy and Astrophysics</i> , 2014, 567, A41.	2.1	33
70	37 GHz Observations of a Large Sample of BL Lacertae Objects. <i>Astronomical Journal</i> , 2007, 133, 1947-1953.	1.9	32
71	NuSTAR DETECTION OF THE BLAZAR B2 1023+25 AT REDSHIFT 5.3. <i>Astrophysical Journal</i> , 2013, 777, 147.	1.6	32
72	High-energy gamma-ray observations of the accreting black hole V404 Cygni during its 2015 June outburst. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 462, L111-L115.	1.2	32

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73	37 GHz observations of narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2017, 603, A100.	2.1	32
74	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. <i>Astronomy and Astrophysics</i> , 2018, 619, A45.	2.1	32
75	MOJAVE. XIX. Brightness Temperatures and Intrinsic Properties of Blazar Jets. <i>Astrophysical Journal</i> , 2021, 923, 67.	1.6	32
76	Wavelet analysis of a large sample of AGN at high radio frequencies. <i>Astronomy and Astrophysics</i> , 2008, 488, 897-903.	2.1	31
77	LONG-TERM VARIABILITY OF RADIO-BRIGHT BL LACERTAE OBJECTS. <i>Astronomical Journal</i> , 2009, 137, 5022-5036.	1.9	30
78	Optical polarization map of the Polaris Flare with RoboPol. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 715-726.	1.6	30
79	ERRATIC FLARING OF BL LAC IN 2012â€“2013: MULTIWAVELENGTH OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 816, 53.	1.6	30
80	RoboPol: a four-channel optical imaging polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2355-2366.	1.6	30
81	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017, 834, 2.	1.6	29
82	Multiwavelength Observations of the Blazar BL Lacertae: A New Fast TeV Gamma-Ray Flare. <i>Astrophysical Journal</i> , 2018, 856, 95.	1.6	27
83	Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3271-3281.	1.6	26
84	Detection of persistent VHE gamma-ray emission from PKS 1510â€“089 by the MAGIC telescopes during low states between 2012 and 2017. <i>Astronomy and Astrophysics</i> , 2018, 619, A159.	2.1	26
85	A fast, very-high-energy γ -ray flare from BL Lacertae during a period of multi-wavelength activity in June 2015. <i>Astronomy and Astrophysics</i> , 2019, 623, A175.	2.1	26
86	VLBA observations of a rare multiple quasar imaging event caused by refraction in the interstellar medium. <i>Astronomy and Astrophysics</i> , 2013, 555, A80.	2.1	25
87	MAGIC detection of short-term variability of the high-peaked BL Lac object 1ES 0806+524. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 739-750.	1.6	25
88	Reversals in the Direction of Polarization Rotation in OJ 287. <i>Astrophysical Journal</i> , 2018, 862, 1.	1.6	25
89	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.	3.0	25
90	Doppler factors, Lorentz factors, and viewing angles for quasars, BL Lacertae objects and radio galaxies. <i>Astronomy and Astrophysics</i> , 2009, 498, 723-723.	2.1	24

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91	Multiwavelength observations of the $\hat{\nu}^3$ -ray-emitting narrow-line Seyfert 1 PMN J0948+0022 in 2011. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 3521-3534.	1.6	24
92	CONSTRAINING THE PHYSICAL CONDITIONS IN THE JETS OF $\hat{\nu}^3$ -RAY FLARING BLAZARS USING CENTIMETER-BAND POLARIMETRY AND RADIATIVE TRANSFER SIMULATIONS. I. DATA AND MODELS FOR 0420â€™014, OJ 287, AND 1156+295. <i>Astrophysical Journal</i> , 2014, 791, 53.	1.6	24
93	First broadband characterization and redshift determination of the VHE blazar MAGIC J2001+439. <i>Astronomy and Astrophysics</i> , 2014, 572, A121.	2.1	24
94	Bimodal radio variability in OVRO-40Âm-monitored blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4565-4576.	1.6	24
95	Correlation between <i>Fermi</i> /LAT $\hat{\nu}^3$ -ray and 37ÂGHz radio properties of northern AGN averaged over 11 months. <i>Astronomy and Astrophysics</i> , 2011, 535, A69.	2.1	23
96	Optical and radio variability of the northern VHE gamma-ray emitting BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2016, 593, A98.	2.1	23
97	Planckintermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A106.	2.1	23
98	Locating the $\hat{\nu}^3$ -ray emission site in <i>Fermi</i> /LAT blazars â€™ II. Multifrequency correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 171-180.	1.6	23
99	Magnetic field at a jet base: extreme Faraday rotation in 3C 273 revealed by ALMA. <i>Astronomy and Astrophysics</i> , 2019, 623, A111.	2.1	23
100	Probing the very high energy $\hat{\nu}^3$ -ray spectral curvature in the blazar PG 1553+113 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 4399-4410.	1.6	22
101	First multi-wavelength campaign on the gamma-ray-loud active galaxy ICâ€™310. <i>Astronomy and Astrophysics</i> , 2017, 603, A25.	2.1	22
102	A Decade of Multiwavelength Observations of the TeV Blazar 1ES 1215+303: Extreme Shift of the Synchrotron Peak Frequency and Long-term Opticalâ€™Gamma-Ray Flux Increase. <i>Astrophysical Journal</i> , 2020, 891, 170.	1.6	22
103	THE EXTREME BEHAVIOR OF THE RADIO-LOUD NARROW-LINE SEYFERT 1 GALAXY J0849+5108. <i>Astrophysical Journal</i> , 2014, 794, 93.	1.6	21
104	The awakening of the $\hat{\nu}^3$ -ray narrow-line Seyfert 1 galaxy PKS 1502+036. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 4469-4480.	1.6	21
105	Cluster analyses of gigahertz-peaked spectrum sources with self-organising maps. <i>Astronomy and Astrophysics</i> , 2008, 482, 483-498.	2.1	20
106	Symmetric Achromatic Variability in Active Galaxies: A Powerful New Gravitational Lensing Probe?. <i>Astrophysical Journal</i> , 2017, 845, 89.	1.6	20
107	Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. <i>Astronomy and Astrophysics</i> , 2020, 640, A132.	2.1	20
108	The Unanticipated Phenomenology of the Blazar PKS 2131â€™021: A Unique Supermassive Black Hole Binary Candidate. <i>Astrophysical Journal Letters</i> , 2022, 926, L35.	3.0	20

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109	Detection of the blazar S4 0954+65 at very-high-energy with the MAGIC telescopes during an exceptionally high optical state. <i>Astronomy and Astrophysics</i> , 2018, 617, A30.	2.1	19
110	Multifrequency study of the gamma-ray flaring BL Lacertae object PKS 2233+148 in 2009–2012. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2336-2353.	1.6	18
111	Multiwavelength observations of the β -ray flaring quasar S4 1030+61 in 2009–2014. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2747-2761.	1.6	17
112	THE RELATION BETWEEN RADIO POLARIZATION AND GAMMA-RAY EMISSION IN AGN JETS. <i>International Journal of Modern Physics D</i> , 2010, 19, 943-948.	0.9	16
113	Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTA102 during 2013–2017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5300-5316.	1.6	16
114	Insights into the emission of the blazar 1ES 1011+496 through unprecedented broadband observations during 2011 and 2012. <i>Astronomy and Astrophysics</i> , 2016, 591, A10.	2.1	15
115	The high brightness temperature of B0529+483 revealed by RadioAstron and implications for interstellar scattering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3523-3534.	1.6	15
116	Early-time polarized optical light curve of GRB131030A. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L114-L118.	1.2	14
117	The Peculiar Light Curve of J1415+1320: A Case Study in Extreme Scattering Events. <i>Astrophysical Journal</i> , 2017, 845, 90.	1.6	14
118	An intermittent extreme BL Lac: MWL study of 1ES2344+514 in an enhanced state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3912-3928.	1.6	14
119	Multiwavelength Variability Power Spectrum Analysis of the Blazars 3C 279 and PKS 1510+089 on Multiple Timescales. <i>Astrophysical Journal</i> , 2022, 927, 214.	1.6	14
120	The broad-band properties of the intermediate synchrotron peaked BL Lac S20109+22 from radio to VHE gamma-rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 879-892.	1.6	13
121	The Relativistic Jet Orientation and Host Galaxy of the Peculiar Blazar PKS 1413+135. <i>Astrophysical Journal</i> , 2021, 907, 61.	1.6	13
122	SMILE: Search for Milli-LEnses. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 507, L6-L10.	1.2	13
123	Long-term radio behaviour of GPS sources and candidates. <i>Astronomische Nachrichten</i> , 2009, 330, 128-132.	0.6	12
124	Long-term OVRO monitoring of LS I +61 \AA 303: confirmation of the two close periodicities. <i>Astronomy and Astrophysics</i> , 2015, 575, L9.	2.1	12
125	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. <i>Astrophysical Journal</i> , 2022, 927, 197.	1.6	11
126	Radio follow-up of the β -ray flaring gravitational lens JVAS B0218+357. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2263-2271.	1.6	10

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127	A decade of joint MOJAVEâ€“ Fermi AGN monitoring: localization of the gamma-ray emission region. Monthly Notices of the Royal Astronomical Society, 2021, 510, 469-480.	1.6	10
128	A multi-frequency study of brightness variations of the blazar 0716+714. Astronomy Reports, 2009, 53, 777-784.	0.2	9
129	Reconciling inverse-Compton Doppler factors with variability Doppler factors in blazar jets. Astronomy and Astrophysics, 2017, 602, A104.	2.1	8
130	An Exceptional Radio Flare in Markarian 421. EPJ Web of Conferences, 2013, 61, 04010.	0.1	7
131	The presence of interstellar scintillation in the 15%GHz interday variability of 1158 OVRO-monitored blazars. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5365-5380.	1.6	7
132	Search for AGN counterparts of unidentified Fermi-LAT sources with optical polarimetry. Astronomy and Astrophysics, 2019, 623, A61.	2.1	7
133	The time-dependent distribution of optical polarization angle changes in blazars. Monthly Notices of the Royal Astronomical Society, 2021, 507, 225-243.	1.6	7
134	The Gamma-ray Activity of the high-z Quasar 0836+71. EPJ Web of Conferences, 2013, 61, 04003.	0.1	6
135	Simultaneous long-term monitoring of LS I +61°303 by OVRO and Fermi-LAT. Monthly Notices of the Royal Astronomical Society, 2018, 478, 440-447.	1.6	6
136	Time domain studies of Active Galactic Nuclei with the Square Kilometre Array. , 2015, , .		6
137	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
138	Interstellar scintillation, ISS, and intrinsic variability of radio AGN. Advances in Space Research, 2020, 65, 756-762.	1.2	5
139	Radiative Transfer Modeling of Radio-Band Linear Polarization Observations as a Probe of the Physical Conditions in the Jets of γ -Ray Flaring Blazars. Galaxies, 2016, 4, 35.	1.1	4
140	Constraints on Particles and Fields from Full Stokes Observations of AGN. Galaxies, 2018, 6, 17.	1.1	4
141	PKS 1954â€“388: RadioAstron Detection on 80,000 km Baselines and Multiwavelength Observations. Publications of the Astronomical Society of Australia, 2017, 34, .	1.3	3
142	Identifying changing jets through their radio variability. Astronomy and Astrophysics, 2021, 654, A169.	2.1	3
143	New Tests of Milli-lensing in the Blazar PKS 1413 + 135. Astrophysical Journal, 2022, 927, 24.	1.6	3
144	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

#	ARTICLE	IF	CITATIONS
145	Optical Photometric and Radio Monitoring of Gamma-ray Loud Blazars. <i>Journal of Astrophysics and Astronomy</i> , 2011, 32, 105-108.	0.4	1
146	Challenging the one zone SSC model in VHE gamma ray emitting BL lacs: The interesting case of PKS 1424+240. , 2012, , .		1
147	Intrinsic brightness temperatures of blazar jets at 15 GHz. <i>EPJ Web of Conferences</i> , 2013, 61, 06005.	0.1	1
148	Multiwavelength Picture of the Blazar S5 0716+714 during Its Brightest Outburst. <i>Galaxies</i> , 2016, 4, 69.	1.1	1
149	Diagnosing Magnetic Field Geometry in Blazar Jets Using Multi-Frequency, Centimeter-Band Polarimetry and Radiative Transfer Modeling. <i>Galaxies</i> , 2020, 8, 22.	1.1	1
150	Total flux density radio observations as a tool for understanding AGN behaviour. <i>Astrophysics and Space Science</i> , 2007, 311, 347-351.	0.5	0
151	Spectral variability and multiwavelength studies of the high-frequency-peaked BL Lacertae object 1ES 0806+524 with the MAGIC telescopes. , 2012, , .		0
152	The connection between the 15 GHz radio and gamma-ray emission in blazars. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 17-20.	0.0	0
153	Ringo2 Optical Polarimetry of Blazars. <i>Galaxies</i> , 2016, 4, 52.	1.1	0
154	Observational View of Magnetic Fields in Active Galactic Nuclei Jets. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 149-156.	0.0	0