

Talvikki Hovatta

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150
papers

5,306
citations

44
h-index

66
g-index

156
ext. papers

5,981
ext. citations

4.5
avg, IF

4.96
L-index

#	Paper	IF	Citations
150	PROBING THE INNER JET OF THE QUASAR PKS 1510089 WITH MULTI-WAVEBAND MONITORING DURING STRONG GAMMA-RAY ACTIVITY. <i>Astrophysical Journal Letters</i> , 2010 , 710, L126-L131	7.9	326
149	Doppler factors, Lorentz factors and viewing angles for quasars, BL Lacertae objects and radio galaxies. <i>Astronomy and Astrophysics</i> , 2009 , 494, 527-537	5.1	290
148	Relativistic beaming and gamma-ray brightness of blazars. <i>Astronomy and Astrophysics</i> , 2010 , 512, A24	5.1	171
147	MOJAVE: Monitoring of Jets in Active galactic nuclei with VLBA Experiments. <i>Astronomy and Astrophysics</i> , 2012 , 545, A113	5.1	141
146	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	4.9	136
145	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , 2015 , 813, L41	7.9	96
144	DISKJET CONNECTION IN THE RADIO GALAXY 3C 120. <i>Astrophysical Journal</i> , 2009 , 704, 1689-1703	4.7	96
143	MOJAVE. XVII. Jet Kinematics and Parent Population Properties of Relativistically Beamed Radio-loud Blazars. <i>Astrophysical Journal</i> , 2019 , 874, 43	4.7	92
142	SBS 0846+513: a new γ -ray-emitting narrow-line Seyfert 1 galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 317-329	4.3	91
141	MOJAVE: MONITORING OF JETS IN ACTIVE GALACTIC NUCLEI WITH VLBA EXPERIMENTS. XI. SPECTRAL DISTRIBUTIONS. <i>Astronomical Journal</i> , 2014 , 147, 143	4.9	90
140	TeV AND MULTI-WAVELENGTH OBSERVATIONS OF Mrk 421 IN 2006-2008. <i>Astrophysical Journal</i> , 2011 , 738, 25	4.7	89
139	WEBT and XMM-Newton observations of 3C 454.3 during the post-outburst phase. <i>Astronomy and Astrophysics</i> , 2007 , 473, 819-827	5.1	86
138	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	4.3	85
137	γ -RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011 , 742, 27	4.7	85
136	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	4.3	84
135	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND". <i>Astrophysical Journal</i> , 2010 , 712, 405-420	4.7	80
134	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	4.7	75

133	24 year monitoring of extragalactic sources at 22 and 37 GHz. <i>Astronomy and Astrophysics</i> , 2005 , 440, 409-410	5.1	72
132	RoboPol: first season rotations of optical polarization plane in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 1669-1683	4.3	71
131	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015 , 576, A126	5.1	67
130	Statistical analyses of long-term variability of AGN at high radio frequencies. <i>Astronomy and Astrophysics</i> , 2007 , 469, 899-912	5.1	67
129	Blazar sequence — an artefact of Doppler boosting. <i>Astronomy and Astrophysics</i> , 2008 , 488, 867-872	5.1	66
128	RAPID TeV GAMMA-RAY FLARING OF BL LACERTAE. <i>Astrophysical Journal</i> , 2013 , 762, 92	4.7	64
127	MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510-089 in early 2012. <i>Astronomy and Astrophysics</i> , 2014 , 569, A46	5.1	63
126	Long-term radio variability of AGN: flare characteristics. <i>Astronomy and Astrophysics</i> , 2008 , 485, 51-61	5.1	60
125	RoboPol: optical polarization-plane rotations and flaring activity in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 457, 2252-2262	4.3	59
124	Another look at the BL Lacertae flux and spectral variability. <i>Astronomy and Astrophysics</i> , 2010 , 524, A43	5.1	59
123	VERY HIGH ENERGY GAMMA-RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. <i>Astrophysical Journal Letters</i> , 2015 , 815, L23	7.9	57
122	The WEBT Campaign on the Blazar 3C 279 in 2006. <i>Astrophysical Journal</i> , 2007 , 670, 968-977	4.7	57
121	GAMMA-RAYS FROM THE QUASAR PKS 1441+25: STORY OF AN ESCAPE. <i>Astrophysical Journal Letters</i> , 2015 , 815, L22	7.9	56
120	AGILE detection of extreme γ -ray activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , 2011 , 529, A145	5.1	56
119	RoboPol: the optical polarization of gamma-ray-loud and gamma-ray-quiet blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 3365-3380	4.3	56
118	Connecting radio variability to the characteristics of gamma-ray blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 3058-3069	4.3	55
117	The GASP-WEBT monitoring of 3C 454.3 during the 2008 optical-to-radio and γ -ray outburst. <i>Astronomy and Astrophysics</i> , 2009 , 504, L9-L12	5.1	55
116	Testing the inverse-Compton catastrophe scenario in the intra-day variable blazar S5 0716+71. <i>Astronomy and Astrophysics</i> , 2006 , 451, 797-807	5.1	55

115	STUDIES OF THE JET IN BL LACERTAE. I. RECOLLIMATION SHOCK AND MOVING EMISSION FEATURES. <i>Astrophysical Journal</i> , 2014 , 787, 151	4-7	51
114	The RoboPol optical polarization survey of gamma-ray-loud blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 1693-1705	4-3	48
113	Radio and γ -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	4-3	48
112	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	4-3	47
111	THE FIRST FERMI MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , 2011 , 730, 101	4-7	46
110	MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 IN 2005-2006. <i>Astrophysical Journal</i> , 2009 , 695, 596-618	4-7	45
109	Constraining the Limiting Brightness Temperature and Doppler Factors for the Largest Sample of Radio-bright Blazars. <i>Astrophysical Journal</i> , 2018 , 866, 137	4-7	45
108	Connection between optical and γ -ray variability in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 690-702	4-3	44
107	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	5-1	44
106	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	4-3	42
105	FIRST NuSTAR OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015 , 812, 65	4-7	41
104	A quasi-periodic oscillation in the blazar J1359+4011. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013 , 436, L114-L117	4-3	40
103	MAGIC long-term study of the distant TeV blazar PKS 1424+240 in a multiwavelength context. <i>Astronomy and Astrophysics</i> , 2014 , 567, A135	5-1	39
102	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	4-7	39
101	A connection between γ -ray and parsec-scale radio flares in the blazar 3C 273. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 4478-4493	4-3	38
100	WHY HAVE MANY OF THE BRIGHTEST RADIO-LOUD BLAZARS NOT BEEN DETECTED IN GAMMA-RAYS BY FERMI?. <i>Astrophysical Journal Letters</i> , 2015 , 810, L9	7-9	38
99	Radio-to- γ -ray monitoring of the narrow-line Seyfert 1 galaxy PMN J0948+0022 from 2008 to 2011. <i>Astronomy and Astrophysics</i> , 2012 , 548, A106	5-1	38
98	The RoboPol pipeline and control system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 1706-1717	4-3	37

97	Long-term optical monitoring of TeV emitting blazars. <i>Astronomy and Astrophysics</i> , 2018 , 620, A185	5.1	36
96	A combined radio and GeV γ view of the 2012 and 2013 flares of Mrk 421. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 448, 3121-3131	4.3	34
95	The most powerful flaring activity from the NLSy1 PMN J0948+0022. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 446, 2456-2467	4.3	34
94	RoboPol: do optical polarization rotations occur in all blazars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1775-1785	4.3	32
93	Locating the γ emission site in Fermi/LAT blazars from correlation analysis between 37 GHz radio and γ light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 452, 1280-1294	4.3	32
92	The ordinary life of the γ emitting narrow-line Seyfert 1 galaxy PKS 1502+036. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 952-961	4.3	31
91	NuSTAR DETECTION OF THE BLAZAR B2 1023+25 AT REDSHIFT 5.3. <i>Astrophysical Journal</i> , 2013 , 777, 147	4.7	30
90	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	4.3	29
89	37 GHz Observations of a Large Sample of BL Lacertae Objects. <i>Astronomical Journal</i> , 2007 , 133, 1947-1953	4.9	29
88	The RINGO2 and DIPOL optical polarization catalogue of blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 4267-4299	4.3	29
87	STUDIES OF THE JET IN BL LACERTAE. II. SUPERLUMINAL ALFVÉN WAVES. <i>Astrophysical Journal</i> , 2015 , 803, 3	4.7	28
86	MAGIC observations and multifrequency properties of the flat spectrum radio quasar 3C 279 in 2011. <i>Astronomy and Astrophysics</i> , 2014 , 567, A41	5.1	28
85	Wavelet analysis of a large sample of AGN at high radio frequencies. <i>Astronomy and Astrophysics</i> , 2008 , 488, 897-903	5.1	28
84	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	4.3	27
83	Long-term multi-wavelength variability and correlation study of Markarian 421 from 2007 to 2009. <i>Astronomy and Astrophysics</i> , 2016 , 593, A91	5.1	27
82	LONG-TERM VARIABILITY OF RADIO-BRIGHT BL LACERTAE OBJECTS. <i>Astronomical Journal</i> , 2009 , 137, 5022-5036	4.9	26
81	37 GHz observations of narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2017 , 603, A100	5.1	25
80	Optical polarization of high-energy BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2016 , 596, A78	5.1	25

79	High radio-frequency properties and variability of brightest cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 1223-1240	4.3	25
78	CONSTRAINING THE PHYSICAL CONDITIONS IN THE JETS OF γ -RAY FLARING BLAZARS USING CENTIMETER-BAND POLARIMETRY AND RADIATIVE TRANSFER SIMULATIONS. I. DATA AND MODELS FOR 0420+14, OJ 287, AND 1156+295. <i>Astrophysical Journal</i> , 2014 , 791, 53	4.7	24
77	Doppler factors, Lorentz factors, and viewing angles for quasars, BL Lacertae objects and radio galaxies. <i>Astronomy and Astrophysics</i> , 2009 , 498, 723-723	5.1	24
76	Multiwavelength behaviour of the blazar 3C 279: decade-long study from γ -ray to radio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 3829-3848	4.3	22
75	Correlation between Fermi/LAT γ -ray and 37 GHz radio properties of northern AGN averaged over 11 months. <i>Astronomy and Astrophysics</i> , 2011 , 535, A69	5.1	22
74	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2016 , 596, A106	5.1	21
73	Multiwavelength observations of the γ -ray-emitting narrow-line Seyfert 1 PMN J0948+0022 in 2011. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 3521-3534	4.3	21
72	ERRATIC FLARING OF BL LAC IN 2012+013: MULTIWAVELENGTH OBSERVATIONS. <i>Astrophysical Journal</i> , 2016 , 816, 53	4.7	21
71	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	4.3	20
70	Locating the γ -ray emission site in Fermi/LAT blazars II. Multifrequency correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 171-180	4.3	19
69	Optical polarization map of the Polaris Flare with RoboPol. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 452, 715-726	4.3	19
68	Probing the very high energy γ -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	4.3	18
67	VLBA observations of a rare multiple quasar imaging event caused by refraction in the interstellar medium. <i>Astronomy and Astrophysics</i> , 2013 , 555, A80	5.1	18
66	Cluster analyses of gigahertz-peaked spectrum sources with self-organising maps. <i>Astronomy and Astrophysics</i> , 2008 , 482, 483-498	5.1	18
65	Optical and radio variability of the northern VHE gamma-ray emitting BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2016 , 593, A98	5.1	18
64	Bimodal radio variability in OVRO-40 m-monitored blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 4565-4576	4.3	17
63	First broadband characterization and redshift determination of the VHE blazar MAGIC J2001+439. <i>Astronomy and Astrophysics</i> , 2014 , 572, A121	5.1	17
62	First multi-wavelength campaign on the gamma-ray-loud active galaxy IC 310. <i>Astronomy and Astrophysics</i> , 2017 , 603, A25	5.1	17

61	The awakening of the E-ray narrow-line Seyfert 1 galaxy PKS 1502+036. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 4469-4480	4.3	17
60	Detection of persistent VHE gamma-ray emission from PKS 1510-089 by the MAGIC telescopes during low states between 2012 and 2017. <i>Astronomy and Astrophysics</i> , 2018 , 619, A159	5.1	17
59	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	4.7	16
58	Reversals in the Direction of Polarization Rotation in OJ 287. <i>Astrophysical Journal</i> , 2018 , 862, 1	4.7	16
57	THE EXTREME BEHAVIOR OF THE RADIO-LOUD NARROW-LINE SEYFERT 1 GALAXY J0849+5108. <i>Astrophysical Journal</i> , 2014 , 794, 93	4.7	16
56	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. <i>Astronomy and Astrophysics</i> , 2018 , 619, A45	5.1	16
55	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	4.3	14
54	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	4.3	14
53	Multiwavelength observations of the E-ray flaring quasar S4 1030+61 in 2009-2014. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 2747-2761	4.3	14
52	THE RELATION BETWEEN RADIO POLARIZATION AND GAMMA-RAY EMISSION IN AGN JETS. <i>International Journal of Modern Physics D</i> , 2010 , 19, 943-948	2.2	14
51	Association of IceCube neutrinos with radio sources observed at Owens Valley and MetsHovi Radio Observatories. <i>Astronomy and Astrophysics</i> , 2021 , 650, A83	5.1	14
50	Relativistic Jets of Blazars. <i>New Astronomy Reviews</i> , 2019 , 87, 101541	7.9	14
49	Magnetic field at a jet base: extreme Faraday rotation in 3C 273 revealed by ALMA. <i>Astronomy and Astrophysics</i> , 2019 , 623, A111	5.1	12
48	Multiwavelength Observations of the Blazar BL Lacertae: A New Fast TeV Gamma-Ray Flare. <i>Astrophysical Journal</i> , 2018 , 856, 95	4.7	12
47	Symmetric Achromatic Variability in Active Galaxies: A Powerful New Gravitational Lensing Probe?. <i>Astrophysical Journal</i> , 2017 , 845, 89	4.7	12
46	Long-term OVRO monitoring of LS I +61°303: confirmation of the two close periodicities. <i>Astronomy and Astrophysics</i> , 2015 , 575, L9	5.1	12
45	RoboPol: a four-channel optical imaging polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 2355-2366	4.3	10
44	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

43	Early-time polarized optical light curve of GRB 131030A. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014 , 445, L114-L118	4-3	10
42	Multifrequency study of the gamma-ray flaring BL Lacertae object PKS 2233+48 in 2009-2012. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 2336-2353	4-3	10
41	Long-term radio behaviour of GPS sources and candidates. <i>Astronomische Nachrichten</i> , 2009 , 330, 128-132	7	9
40	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
39	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	5-1	8
38	The Peculiar Light Curve of J1415+1320: A Case Study in Extreme Scattering Events. <i>Astrophysical Journal</i> , 2017 , 845, 90	4-7	8
37	A multi-frequency study of brightness variations of the blazar 0716+714. <i>Astronomy Reports</i> , 2009 , 53, 777-784	1-1	8
36	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	5-1	8
35	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	5-1	8
34	Radio follow-up of the γ -ray flaring gravitational lens JVAS B0218+357. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 457, 2263-2271	4-3	7
33	A Decade of Multiwavelength Observations of the TeV Blazar 1ES 1215+303: Extreme Shift of the Synchrotron Peak Frequency and Long-term Optical-Gamma-Ray Flux Increase. <i>Astrophysical Journal</i> , 2020 , 891, 170	4-7	7
32	The Gamma-ray Activity of the high-z Quasar 0836+71. <i>EPJ Web of Conferences</i> , 2013 , 61, 04003	0-3	6
31	An Exceptional Radio Flare in Markarian 421. <i>EPJ Web of Conferences</i> , 2013 , 61, 04010	0-3	6
30	Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. <i>Astronomy and Astrophysics</i> , 2020 , 640, A132	5-1	6
29	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
28	MOJAVE. XIX. Brightness Temperatures and Intrinsic Properties of Blazar Jets. <i>Astrophysical Journal</i> , 2021 , 923, 67	4-7	6
27	Reconciling inverse-Compton Doppler factors with variability Doppler factors in blazar jets. <i>Astronomy and Astrophysics</i> , 2017 , 602, A104	5-1	5
26	Time domain studies of Active Galactic Nuclei with the Square Kilometre Array 2015 ,		5

25	Search for AGN counterparts of unidentified Fermi-LAT sources with optical polarimetry. <i>Astronomy and Astrophysics</i> , 2019 , 623, A61	5.1	5
24	The presence of interstellar scintillation in the 15 GHz interday variability of 1158 OVRO-monitored blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 5365-5380	4.3	4
23	An intermittent extreme BL Lac: MWL study of 1ES 2344+514 in an enhanced state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 3912-3928	4.3	4
22	Constraints on Particles and Fields from Full Stokes Observations of AGN. <i>Galaxies</i> , 2018 , 6, 17	2	4
21	Simultaneous long-term monitoring of LSI +61°303 by OVRO and Fermi-LAT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 440-447	4.3	4
20	Radiative Transfer Modeling of Radio-Band Linear Polarization Observations as a Probe of the Physical Conditions in the Jets of γ -Ray Flaring Blazars. <i>Galaxies</i> , 2016 , 4, 35	2	4
19	Interstellar scintillation, ISS, and intrinsic variability of radio AGN. <i>Advances in Space Research</i> , 2020 , 65, 756-762	2.4	4
18	The Relativistic Jet Orientation and Host Galaxy of the Peculiar Blazar PKS 1413+135. <i>Astrophysical Journal</i> , 2021 , 907, 61	4.7	4
17	PKS 1954B88: RadioAstron Detection on 80,000 km Baselines and Multiwavelength Observations. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5.5	3
16	The Unanticipated Phenomenology of the Blazar PKS 2131D21: A Unique Supermassive Black Hole Binary Candidate. <i>Astrophysical Journal Letters</i> , 2022 , 926, L35	7.9	2
15	Multiwavelength Variability Power Spectrum Analysis of the Blazars 3C 279 and PKS 1510D89 on Multiple Timescales. <i>Astrophysical Journal</i> , 2022 , 927, 214	4.7	2
14	Diagnosing Magnetic Field Geometry in Blazar Jets Using Multi-Frequency, Centimeter-Band Polarimetry and Radiative Transfer Modeling. <i>Galaxies</i> , 2020 , 8, 22	2	1
13	Intrinsic brightness temperatures of blazar jets at 15 GHz. <i>EPJ Web of Conferences</i> , 2013 , 61, 06005	0.3	1
12	Optical Photometric and Radio Monitoring of Gamma-ray Loud Blazars. <i>Journal of Astrophysics and Astronomy</i> , 2011 , 32, 105-108	1.4	1
11	DISKJET 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
10	The time-dependent distribution of optical polarization angle changes in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 225-243	4.3	1
9	Multiwavelength Picture of the Blazar S5 0716+714 during Its Brightest Outburst. <i>Galaxies</i> , 2016 , 4, 69	2	1
8	SMILE: Search for Milli-LEnses. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021 , 507, L6-L10	1.9	1

- 7 Identifying changing jets through their radio variability. *Astronomy and Astrophysics*, 5.1 0
- 6 Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. *Astrophysical Journal*, **2022**, 927, 197 4.7 0
- 5 New Tests of Milli-lensing in the Blazar PKS 1413 + 135. *Astrophysical Journal*, **2022**, 927, 24 4.7 0
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- 3 The connection between the 15 GHz radio and gamma-ray emission in blazars. *Proceedings of the International Astronomical Union*, **2014**, 10, 17-20 0.1
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