

# Tatiana S Grishina

## List of Publications by Year in descending order

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69  
papers

4,966  
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81900

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70  
docs citations

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times ranked

2151  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE SPECTRAL ENERGY DISTRIBUTION OF <i>FERMI</i> BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70.	4.5	741
2	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.	8.3	353
3	A change in the optical polarization associated with a $\hat{\gamma}$ -ray flare in the blazar 3C 279. <i>Nature</i> , 2010, 463, 919-923.	27.8	269
4	INSIGHTS INTO THE HIGH-ENERGY $\hat{\gamma}$ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>FERMI</i> ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	4.5	185
5	FLARING BEHAVIOR OF THE QUASAR 3C 454.3 ACROSS THE ELECTROMAGNETIC SPECTRUM. <i>Astrophysical Journal</i> , 2010, 715, 362-384.	4.5	166
6	The unprecedented optical outburst of the quasar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2006, 453, 817-822.	5.1	152
7	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY $\hat{\gamma}$ -RAY OBSERVATIONS IN 2008-2010. <i>Astrophysical Journal</i> , 2012, 754, 114.	4.5	152
8	A TIGHT CONNECTION BETWEEN GAMMA-RAY OUTBURSTS AND PARSEC-SCALE JET ACTIVITY IN THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2013, 773, 147.	4.5	141
9	THE OUTBURST OF THE BLAZAR S5 0716+71 IN 2011 OCTOBER: SHOCK IN A HELICAL JET. <i>Astrophysical Journal</i> , 2013, 768, 40.	4.5	114
10	Blazar spectral variability as explained by a twisted inhomogeneous jet. <i>Nature</i> , 2017, 552, 374-377.	27.8	112
11	Results of WEBT, VLBA and RXTE monitoring of 3C 279 during 2006-2007. <i>Astronomy and Astrophysics</i> , 2008, 492, 389-400.	5.1	107
12	Multifrequency monitoring of the blazar 0716+714 during the GASP-WEBT-AGILE campaign of 2007. <i>Astronomy and Astrophysics</i> , 2008, 481, L79-L82.	5.1	103
13	<i>FERMI</i> LARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. <i>Astrophysical Journal</i> , 2010, 721, 1425-1447.	4.5	99
14	The awakening of BL Lacertae: observations by Fermi, Swift and the GASP-WEBT.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1530-1545.	4.4	97
15	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.	4.5	90
16	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	88
17	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND". <i>Astrophysical Journal</i> , 2010, 712, 405-420.	4.5	88
18	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009, 691, L13-L19.	4.5	86

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19	A new activity phase of the blazar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2008, 491, 755-766.	5.1	85
20	The radio delay of the exceptional 3C 454.3 outburst. <i>Astronomy and Astrophysics</i> , 2007, 464, L5-L9.	5.1	71
21	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	4.5	70
22	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	70
23	The long-lasting activity of 3C 454.3. <i>Astronomy and Astrophysics</i> , 2011, 534, A87.	5.1	67
24	Polarization angle swings in blazars: The case of 3C 279. <i>Astronomy and Astrophysics</i> , 2016, 590, A10.	5.1	66
25	The correlated optical and radio variability of BL Lacertae. <i>Astronomy and Astrophysics</i> , 2009, 501, 455-460.	5.1	63
26	The GASP-WEBT monitoring of 3C 454.3 during the 2008 optical-to-radio and $\gamma$ -ray outburst. <i>Astronomy and Astrophysics</i> , 2009, 504, L9-L12.	5.1	63
27	AGILE detection of extreme $\gamma$ -ray activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , 2011, 529, A145.	5.1	62
28	Multifrequency variability of the blazar AO 0235+164. <i>Astronomy and Astrophysics</i> , 2006, 459, 731-743.	5.1	58
29	Variability of the blazar 4C 38.41 (B3 1633+382) from GHz frequencies to GeV energies. <i>Astronomy and Astrophysics</i> , 2012, 545, A48.	5.1	56
30	WEBT multiwavelength monitoring and XMM-Newton observations of $\gamma$ -BL Lacertae in 2007-2008. <i>Astronomy and Astrophysics</i> , 2009, 507, 769-779.	5.1	56
31	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
32	A MULTI-WAVELENGTH POLARIMETRIC STUDY OF THE BLAZAR CTA 102 DURING A GAMMA-RAY FLARE IN 2012. <i>Astrophysical Journal</i> , 2015, 813, 51.	4.5	51
33	GRB 021004 modelled by multiple energy injections. <i>Astronomy and Astrophysics</i> , 2005, 443, 841-849.	5.1	50
34	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	49
35	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	5.1	49
36	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49

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37	Extreme HBL behavior of Markarian 501 during 2012. <i>Astronomy and Astrophysics</i> , 2018, 620, A181.	5.1	47
38	Exceptional outburst of the blazar CTA 102 in 2012: the GASP-WEBT campaign and its extension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3047-3056.	4.4	45
39	AGILE detection of a rapid $\gamma$ -ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring. <i>Astronomy and Astrophysics</i> , 2009, 508, 181-189.	5.1	41
40	Multiwavelength Variability of BL Lacertae Measured with High Time Resolution. <i>Astrophysical Journal</i> , 2020, 900, 137.	4.5	40
41	THE WHOLE EARTH BLAZAR TELESCOPE CAMPAIGN ON THE INTERMEDIATE BL LAC OBJECT 3C 66A IN 2007-2008. <i>Astrophysical Journal</i> , 2009, 694, 174-182.	4.5	37
42	Multi-frequency monitoring of $\gamma$ -ray loud blazars. <i>Astronomy and Astrophysics</i> , 2007, 464, 175-186.	5.1	36
43	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	36
44	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. <i>Astronomical Journal</i> , 2014, 148, 42.	4.7	34
45	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.	4.4	33
46	Multiwavelength observations of a VHE gamma-ray flare from PKS 1510+089 in 2015. <i>Astronomy and Astrophysics</i> , 2017, 603, A29.	5.1	33
47	Dissecting the long-term emission behaviour of the BL Lac object Mrk 421. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3789-3804.	4.4	33
48	Multiwavelength behaviour of the blazar OJ 248 from radio to $\gamma$ -rays.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2677-2691.	4.4	32
49	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. <i>Astronomy and Astrophysics</i> , 2018, 619, A45.	5.1	32
50	Multiwavelength temporal and spectral variability of the blazar OJ 287 during and after the 2015 December flare: a major accretion disc contribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1145-1156.	4.4	29
51	Exploring the Connection between Parsec-scale Jet Activity and Broadband Outbursts in 3C 279. <i>Astrophysical Journal</i> , 2018, 858, 80.	4.5	28
52	A fast, very-high-energy $\gamma$ -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	26
53	The Bright $\gamma$ -ray Flare of 3C 279 in 2015 June: AGILE Detection and Multifrequency Follow-up Observations. <i>Astrophysical Journal</i> , 2018, 856, 99.	4.5	20
54	Two Flares with One Shock: The Interesting Case of 3C 454.3. <i>Astrophysical Journal</i> , 2020, 902, 61.	4.5	20

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55	Synchrotron emission from the blazar PG 1553+113. An analysis of its flux and polarization variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3762-3774.	4.4	19
56	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	19
57	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.	4.4	16
58	SIMULTANEOUS MONITORING OF THE PHOTOMETRIC AND POLARIMETRIC ACTIVITY OF THE YOUNG STAR PV Cep IN THE OPTICAL/NEAR-INFRARED BANDS. <i>Astrophysical Journal</i> , 2011, 732, 69.	4.5	14
59	Multiband optical flux density and polarization microvariability study of optically bright blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1295-1317.	4.4	13
60	Analyzing polarization swings in 3C 279. <i>EPJ Web of Conferences</i> , 2013, 61, 06003.	0.3	10
61	Identification of $\gamma$ -ray emission from 3C 345 and NRAO 512. <i>Astronomy and Astrophysics</i> , 2011, 532, A150.	5.1	7
62	Behaviour of the Blazar CTA 102 during Two Giant Outbursts. <i>Galaxies</i> , 2017, 5, 91.	3.0	7
63	The beamed jet and quasar core of the distant blazar 4C 71.07. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1837-1849.	4.4	7
64	AGILE, <i>Fermi</i> , <i>Swift</i> , and GASP/WEBT multi-wavelength observations of the high-redshift blazar 4C +71.07 in outburst. <i>Astronomy and Astrophysics</i> , 2019, 621, A82.	5.1	7
65	Polarization of radiation from Supernova 2005cs and possible physical mechanisms of its generation. <i>Astronomy Letters</i> , 2007, 33, 736-739.	1.0	3
66	The Connection between the Radio Jet and the $\gamma$ -ray Emission in the Radio Galaxy 3C 120 and the Blazar CTA 102. <i>Galaxies</i> , 2016, 4, 34.	3.0	3
67	Correlation Analysis of Delays between Variations of Gamma-Ray and Optical Light Curves of Blazars. <i>Galaxies</i> , 2016, 4, 64.	3.0	3
68	Emission-line Variability during a Nonthermal Outburst in the Gamma-Ray Bright Quasar 1156+295. <i>Astrophysical Journal</i> , 2022, 926, 180.	4.5	2
69	Multiwavelength Monitoring of the Gamma-Bright Blazar Mkn 421. <i>Galaxies</i> , 2016, 4, 67.	3.0	0