

# Daria A Morozova

## List of Publications by Year in descending order

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61  
papers

3,617  
citations

126907

33  
h-index

128289

60  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1766  
citing authors

#	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.	8.3	353
2	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
3	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.	4.5	230
4	INSIGHTS INTO THE HIGH-ENERGY $\hat{\gamma}$ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>&lt;i&gt;FERMI&lt;/i&gt;</i> ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	4.5	185
5	LOCATION OF $\hat{\gamma}$ -RAY FLARE EMISSION IN THE JET OF THE BL LACERTAE OBJECT OJ287 MORE THAN 14 pc FROM THE CENTRAL ENGINE. <i>Astrophysical Journal Letters</i> , 2011, 726, L13.	8.3	171
6	FLARING BEHAVIOR OF THE QUASAR 3C 454.3 ACROSS THE ELECTROMAGNETIC SPECTRUM. <i>Astrophysical Journal</i> , 2010, 715, 362-384.	4.5	166
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	ON THE LOCATION OF THE $\hat{\gamma}$ -RAY OUTBURST EMISSION IN THE BL LACERTAE OBJECT AO 0235+164 THROUGH OBSERVATIONS ACROSS THE ELECTROMAGNETIC SPECTRUM. <i>Astrophysical Journal Letters</i> , 2011, 735, L10.	8.3	109
12	<i>&lt;i&gt;FERMI&lt;/i&gt;</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
13	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
14	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. <i>Astronomy and Astrophysics</i> , 2015, 578, A22.	5.1	92
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	THE BRIGHTEST GAMMA-RAY FLARING BLAZAR IN THE SKY: <i>&lt;i&gt;AGILE&lt;/i&gt;</i> AND MULTI-WAVELENGTH OBSERVATIONS OF 3C 454.3 DURING 2010 NOVEMBER. <i>Astrophysical Journal Letters</i> , 2011, 736, L38.	8.3	75
17	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
18	Another look at the BL Lacertae flux and spectral variability. <i>Astronomy and Astrophysics</i> , 2010, 524, A43.	5.1	68

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19	The long-lasting activity of 3C 454.3. <i>Astronomy and Astrophysics</i> , 2011, 534, A87.	5.1	67
20	Polarization angle swings in blazars: The case of 3C 279. <i>Astronomy and Astrophysics</i> , 2016, 590, A10.	5.1	66
21	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
22	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
23	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
24	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
25	FIRST <i>NuSTAR</i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	4.5	49
26	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
27	Exceptional outburst of the blazar CTA 102 in 2012: the GASP- <i>WEBT</i> campaign and its extension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3047-3056.	4.4	45
28	AGILE detection of a rapid $\gamma$ -ray flare from the blazar PKS 1510-089 during the GASP- <i>WEBT</i> monitoring. <i>Astronomy and Astrophysics</i> , 2009, 508, 181-189.	5.1	41
29	Multiwavelength Variability of BL Lacertae Measured with High Time Resolution. <i>Astrophysical Journal</i> , 2020, 900, 137.	4.5	40
30	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.	7.7	40
31	COMPREHENSIVE MONITORING OF GAMMA-RAY BRIGHT BLAZARS. I. STATISTICAL STUDY OF OPTICAL, X-RAY, AND GAMMA-RAY SPECTRAL SLOPES. <i>Astrophysical Journal</i> , 2014, 789, 135.	4.5	36
32	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
33	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. <i>Astronomical Journal</i> , 2014, 148, 42.	4.7	34
34	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
35	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
36	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

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37	MULTIWAVELENGTH OBSERVATIONS OF THE GAMMA-RAY BLAZAR PKS 0528+134 IN QUIESCENCE. <i>Astrophysical Journal</i> , 2011, 735, 60.	4.5	28
38	The Bright $\hat{\Gamma}^3$ -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
39	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
40	The connection between the parsec-scale radio jet and $\hat{\Gamma}^3$ -ray flares in the blazar 1156+295. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1636-1646.	4.4	18
41	The 2016 June Optical and Gamma-Ray Outburst and Optical Microvariability of the Blazar 3C 454.3. <i>Astrophysical Journal</i> , 2019, 875, 15.	4.5	15
42	Recent outburst of the young star V1180 Cassiopeiae. <i>Astronomy and Astrophysics</i> , 2014, 565, L7.	5.1	13
43	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
44	Analyzing polarization swings in 3C 279. <i>EPJ Web of Conferences</i> , 2013, 61, 06003.	0.3	10
45	Optical variability of the blazar S4 0954+658 in 2008â€“2012. <i>Astronomy Reports</i> , 2015, 59, 551-562.	0.9	10
46	Optical Emission and Particle Acceleration in a Quasi-stationary Component in the Jet of OJ 287. <i>Astrophysical Journal</i> , 2018, 864, 67.	4.5	8
47	Identification of $\hat{\Gamma}^3$ -ray emission from 3C 345 and NRAO 512. <i>Astronomy and Astrophysics</i> , 2011, 532, A150.	5.1	7
48	Behaviour of the Blazar CTA 102 during Two Giant Outbursts. <i>Galaxies</i> , 2017, 5, 91.	3.0	7
49	The Gamma-ray Activity of the high-z Quasar 0836+71. <i>EPJ Web of Conferences</i> , 2013, 61, 04003.	0.3	6
50	Prominent outburst of the blazar CTA 102 in 2012. <i>EPJ Web of Conferences</i> , 2013, 61, 04019.	0.3	6
51	Multi-Frequency Monitoring of the Flat Spectrum Radio Quasar PKS 1222+216 in 2008â€“2015. <i>Galaxies</i> , 2016, 4, 72.	3.0	5
52	Variations of the Blazar AO 0235+164 in 2006â€“2015. <i>Astronomy Reports</i> , 2018, 62, 103-115.	0.9	4
53	The Connection between the Radio Jet and the $\hat{\Gamma}^3$ -ray Emission in the Radio Galaxy 3C 120 and the Blazar CTA 102. <i>Galaxies</i> , 2016, 4, 34.	3.0	3
54	Correlation Analysis of Delays between Variations of Gamma-Ray and Optical Light Curves of Blazars. <i>Galaxies</i> , 2016, 4, 64.	3.0	3

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55	The jet of the quasar 4C+21.35 from parsec to kiloparces scales and its role in high energy photon production. Proceedings of the International Astronomical Union, 2014, 10, 33-38.	0.0	2
56	Optical Outburst of the Blazar S4 0954+658 in Early 2015. Galaxies, 2016, 4, 24.	3.0	2
57	Emission-line Variability during a Nonthermal Outburst in the Gamma-Ray Bright Quasar 1156+295. Astrophysical Journal, 2022, 926, 180.	4.5	2
58	Multiwavelength Observations of 6 BL Lac Objects in 2008-2012. EPJ Web of Conferences, 2013, 61, 04018.	0.3	1
59	Multiwavelength polarization observations of the $\gamma$ -ray bright quasar PKS 0420-014. EPJ Web of Conferences, 2013, 61, 07008.	0.3	1
60	3C 66A: Variability in 2007–2015. Astronomy Reports, 2017, 61, 503-512.	0.9	1
61	Multiwavelength Monitoring of the Gamma-Bright Blazar Mkn 421. Galaxies, 2016, 4, 67.	3.0	0