

# Dmitry A Blinov

## List of Publications by Year in descending order

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95  
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109321

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docs citations

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1919  
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	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
4	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
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 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
7	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
8	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
9	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
10	<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
11	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
12	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
13	RoboPol: first season rotations of optical polarization plane in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1669-1683.	4.4	84
14	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.	4.4	73
15	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
16	Another look at the BL Lacertae flux and spectral variability. <i>Astronomy and Astrophysics</i> , 2010, 524, A43.	5.1	68
17	The long-lasting activity of 3C 454.3. <i>Astronomy and Astrophysics</i> , 2011, 534, A87.	5.1	67
18	RoboPol: optical polarization-plane rotations and flaring activity in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2252-2262.	4.4	67

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19	Polarization angle swings in blazars: The case of 3C 279. <i>Astronomy and Astrophysics</i> , 2016, 590, A10.	5.1	66
20	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
21	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.	4.4	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	Radio jet emission from GeV-emitting narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2015, 575, A55.	5.1	54
25	The 72-h WEBT microvariability observation of blazar S5 0716+714 in 2009. <i>Astronomy and Astrophysics</i> , 2013, 558, A92.	5.1	52
26	The RoboPol optical polarization survey of gamma-ray-loud blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1693-1705.	4.4	52
27	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
28	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
29	Extreme HBL behavior of Markarian 501 during 2012. <i>Astronomy and Astrophysics</i> , 2018, 620, A181.	5.1	47
30	The RoboPol pipeline and control system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1706-1717.	4.4	46
31	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
32	Optical polarization of high-energy BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2016, 596, A78.	5.1	45
33	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
34	RoboPol: do optical polarization rotations occur in all blazars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1775-1785.	4.4	38
35	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
36	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

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37	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. <i>Astronomical Journal</i> , 2014, 148, 42.	4.7	34
38	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	4.5	33
39	Multiwavelength behaviour of the blazar OJ 248 from radio to $\hat{\nu}^3$ -rays... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2677-2691.	4.4	32
40	Optical polarization map of the Polaris Flare with RoboPol. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 715-726.	4.4	30
41	RoboPol: a four-channel optical imaging polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2355-2366.	4.4	30
42	Optical EVPA rotations in blazars: testing a stochastic variability model with RoboPol data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3589-3604.	4.4	29
43	Demonstration of Magnetic Field Tomography with Starlight Polarization toward a Diffuse Sightline of the ISM. <i>Astrophysical Journal</i> , 2019, 872, 56.	4.5	26
44	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April <sup>*</sup> . <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 29.	7.7	25
45	RoboPol: AGN polarimetric monitoring data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3715-3726.	4.4	25
46	Extreme starlight polarization in a region with highly polarized dust emission. <i>Astronomy and Astrophysics</i> , 2019, 624, L8.	5.1	24
47	The magnetic field structure in CTA 102 from high-resolution mm-VLBI observations during the flaring state in 2016-2017. <i>Astronomy and Astrophysics</i> , 2019, 622, A158.	5.1	21
48	Local measurements of the mean interstellar polarization at high Galactic latitudes. <i>Astronomy and Astrophysics</i> , 2018, 616, A52.	5.1	20
49	Two Flares with One Shock: The Interesting Case of 3C 454.3. <i>Astrophysical Journal</i> , 2020, 902, 61.	4.5	20
50	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
51	The connection between the parsec-scale radio jet and $\hat{\nu}^3$ -ray flares in the blazar 1156+295. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1636-1646.	4.4	18
52	Stochastic model of optical variability of BL Lacertae. <i>Astronomy and Astrophysics</i> , 2009, 503, 103-106.	5.1	17
53	Early-time polarized optical light curve of GRB131030A. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L114-L118.	3.3	14
54	Optical polarization properties of AGNs with significant VLBI <i>Gaia</i> offsets. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 493, L54-L58.	3.3	14

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55	SMILE: Search for Milli-LEnses. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 507, L6-L10.	3.3	13
56	Optical polarization variations in the blazar PKS 1749+096. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	12
57	Warped disks during type II outbursts in Be/X-ray binaries: evidence from optical polarimetry. Astronomy and Astrophysics, 2018, 619, A19.	5.1	12
58	Analyzing polarization swings in 3C 279. EPJ Web of Conferences, 2013, 61, 06003.	0.3	10
59	Optical variability of the blazar S4 0954+658 in 2008–2012. Astronomy Reports, 2015, 59, 551-562.	0.9	10
60	Optical polarisation variability of radio-loud narrow-line Seyfert 1 galaxies. Astronomy and Astrophysics, 2018, 618, A92.	5.1	10
61	Probing the unidentified Fermi blazar-like population using optical polarization and machine learning. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3415-3422.	4.4	10
62	Optical linear polarization of 74 white dwarfs with the RoboPol polarimeter. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1294-1305.	4.4	9
63	Constraints on magnetic field and particle content in blazar jets through optical circular polarization. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 509, L21-L25.	3.3	9
64	The high optical polarization in the Be/X-ray binary EXO 2030+375. Monthly Notices of the Royal Astronomical Society, 2014, 445, 4235-4240.	4.4	8
65	The RoboPol Program: Optical Polarimetric Monitoring of Blazars. Galaxies, 2019, 7, 46.	3.0	8
66	The optical counterpart to the Be/X-ray binary SAX J2239.3+6116. Astronomy and Astrophysics, 2017, 598, A16.	5.1	7
67	Search for AGN counterparts of unidentified <i>Fermi</i> -LAT sources with optical polarimetry. Astronomy and Astrophysics, 2019, 623, A61.	5.1	7
68	Global alignments of parsec-scale AGN radio jets and their polarization planes. Astronomy and Astrophysics, 2020, 635, A102.	5.1	7
69	The time-dependent distribution of optical polarization angle changes in blazars. Monthly Notices of the Royal Astronomical Society, 2021, 507, 225-243.	4.4	7
70	Local alignments of parsec-scale AGN radiojets. Astronomy and Astrophysics, 2021, 653, A123.	5.1	7
71	Prominent outburst of the blazar CTA 102 in 2012. EPJ Web of Conferences, 2013, 61, 04019.	0.3	6
72	Repeated pattern of gamma-ray flares in the light curve of the blazar 3C 279. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4616-4625.	4.4	6

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73	Color variability of BL Lac in 2002â€“2008. <i>Astronomy Reports</i> , 2011, 55, 1000-1007.	0.9	5
74	Optical variability of the blazar OJ 287 in 2005â€“2009. <i>Astronomy Reports</i> , 2011, 55, 1078-1085.	0.9	5
75	Multi-Frequency Monitoring of the Flat Spectrum Radio Quasar PKS 1222+216 in 2008â€“2015. <i>Galaxies</i> , 2016, 4, 72.	3.0	5
76	Variability of the blazar 3C 454.3 during 2007â€“2010. <i>Astronomy Reports</i> , 2013, 57, 726-733.	0.9	3
77	The Connection between the Radio Jet and the $\hat{\gamma}$ -ray Emission in the Radio Galaxy 3C 120 and the Blazar CTA 102. <i>Galaxies</i> , 2016, 4, 34.	3.0	3
78	Correlation Analysis of Delays between Variations of Gamma-Ray and Optical Light Curves of Blazars. <i>Galaxies</i> , 2016, 4, 64.	3.0	3
79	Estimating the distribution of rest-frame time-scales for blazar jets: a statistical approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4783-4794.	4.4	3
80	Optical linear polarization of helium-rich white dwarfs sample with the RoboPol polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5312-5324.	4.4	3
81	Optical Outburst of the Blazar S4 0954+658 in Early 2015. <i>Galaxies</i> , 2016, 4, 24.	3.0	2
82	Eliminating artefacts in polarimetric images using deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5151-5157.	4.4	2
83	WALOP-South: a four-camera one-shot imaging polarimeter for PASIPHAE survey. Paper lâ€™ optical design. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2021, 7, .	1.8	2
84	Parameters of the type-IIp supernova SNâ€™%2012aw. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3544-3549.	4.4	2
85	Multiwavelength Observations of 6 BL Lac Objects in 2008-2012. <i>EPJ Web of Conferences</i> , 2013, 61, 04018.	0.3	1
86	Multiwavelength polarization observations of the $\hat{\gamma}$ -ray bright quasar PKS 0420-014. <i>EPJ Web of Conferences</i> , 2013, 61, 07008.	0.3	1
87	Polarization angle swings in blazars: The case of 3C 279<i>(Corrigendum)</i>. <i>Astronomy and Astrophysics</i> , 2016, 592, C1.	5.1	1
88	Radio and $\hat{\gamma}$ -ray loud narrow-line Seyfert 1 galaxies in the spotlight. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 184-187.	0.0	1
89	Optical variability of the blazar 3C 454.3 during 2007-2010. <i>EPJ Web of Conferences</i> , 2013, 61, 06010.	0.3	0
90	Multiwavelength Observations of 6 FSRQ in 2008â€“2012. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 249-251.	0.0	0

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91	Multiwavelength Monitoring of the Gamma-Bright Blazar Mkn 421. <i>Galaxies</i> , 2016, 4, 67.	3.0	0
92	Connection between parsec-scale radio jet and gamma-ray flares in the blazar 1156+295. , 2015, , .		0
93	Robopol : Optical polarisation monitoring of blazars. , 2017, , .		0
94	The dependence of optical polarisation of blazars on the synchrotron peak frequency. , 2017, , .		0
95	Optical polarisation variability of narrow line Seyfert 1 galaxies. , 2018, , .		0