

# Dmitry A Blinov

## List of Publications by Year in descending order

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95  
papers

3,903  
citations

109321

35  
h-index

123424

61  
g-index

96  
all docs

96  
docs citations

96  
times ranked

1919  
citing authors

#	ARTICLE	IF	CITATIONS
1	WALOP-South: a four-camera one-shot imaging polarimeter for PASIPHAE survey. Paper on optical design. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.8	2
2	Parameters of the type-IIp supernova SN 2012aw. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3544-3549.	4.4	2
3	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
4	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
5	SMILE: Search for Milli-Lenses. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 507, L6-L10.	3.3	13
6	Local alignments of parsec-scale AGN radiojets. Astronomy and Astrophysics, 2021, 653, A123.	5.1	7
7	RoboPol: AGN polarimetric monitoring data. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3715-3726.	4.4	25
8	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
9	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April. Astrophysical Journal, Supplement Series, 2020, 248, 29.	7.7	25
10	Optical polarization properties of AGNs with significant VLBI Gaia offsets. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 493, L54-L58.	3.3	14
11	Eliminating artefacts in polarimetric images using deep learning. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5151-5157.	4.4	2
12	Global alignments of parsec-scale AGN radio jets and their polarization planes. Astronomy and Astrophysics, 2020, 635, A102.	5.1	7
13	Two Flares with One Shock: The Interesting Case of 3C 454.3. Astrophysical Journal, 2020, 902, 61.	4.5	20
14	Demonstration of Magnetic Field Tomography with Starlight Polarization toward a Diffuse Sightline of the ISM. Astrophysical Journal, 2019, 872, 56.	4.5	26
15	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
16	RoboPol: a four-channel optical imaging polarimeter. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2355-2366.	4.4	30
17	The RoboPol Program: Optical Polarimetric Monitoring of Blazars. Galaxies, 2019, 7, 46.	3.0	8
18	The magnetic field structure in CTA 102 from high-resolution mm-VLBI observations during the flaring state in 2016-2017. Astronomy and Astrophysics, 2019, 622, A158.	5.1	21

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19	Search for AGN counterparts of unidentified <i>Fermi</i> -LAT sources with optical polarimetry. <i>Astronomy and Astrophysics</i> , 2019, 623, A61.	5.1	7
20	Extreme starlight polarization in a region with highly polarized dust emission. <i>Astronomy and Astrophysics</i> , 2019, 624, L8.	5.1	24
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	Warped disks during type II outbursts in Be/X-ray binaries: evidence from optical polarimetry. <i>Astronomy and Astrophysics</i> , 2018, 619, A19.	5.1	12
23	Optical polarisation variability of radio-loud narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2018, 618, A92.	5.1	10
24	Extreme HBL behavior of Markarian 501 during 2012. <i>Astronomy and Astrophysics</i> , 2018, 620, A181.	5.1	47
25	Local measurements of the mean interstellar polarization at high Galactic latitudes. <i>Astronomy and Astrophysics</i> , 2018, 616, A52.	5.1	20
26	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
27	Optical polarisation variability of narrow line Seyfert 1 galaxies. , 2018, , .		0
28	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
29	The optical counterpart to the Be/X-ray binary SAX J2239.3+6116. <i>Astronomy and Astrophysics</i> , 2017, 598, A16.	5.1	7
30	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
31	Optical linear polarization of 74 white dwarfs with the RoboPol polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1294-1305.	4.4	9
32	Optical polarization variations in the blazar PKS 1749+096. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, .	2.5	12
33	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
34	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
35	Robopol : Optical polarisation monitoring of blazars. , 2017, , .		0
36	The dependence of optical polarisation of blazars on the synchrotron peak frequency. , 2017, , .		0

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37	Polarization angle swings in blazars: The case of 3C 279. <i>Astronomy and Astrophysics</i> , 2016, 590, A10.	5.1	66
38	Polarization angle swings in blazars: The case of 3C 279 (Corrigendum). <i>Astronomy and Astrophysics</i> , 2016, 592, C1.	5.1	1
39	Optical Outburst of the Blazar S4 0954+658 in Early 2015. <i>Galaxies</i> , 2016, 4, 24.	3.0	2
40	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
41	Correlation Analysis of Delays between Variations of Gamma-Ray and Optical Light Curves of Blazars. <i>Galaxies</i> , 2016, 4, 64.	3.0	3
42	Multiwavelength Monitoring of the Gamma-Bright Blazar Mrk 421. <i>Galaxies</i> , 2016, 4, 67.	3.0	0
43	Multi-Frequency Monitoring of the Flat Spectrum Radio Quasar PKS 1222+216 in 2008–2015. <i>Galaxies</i> , 2016, 4, 72.	3.0	5
44	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
45	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
46	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
47	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
48	Radio and $\gamma$ -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
49	Optical polarization of high-energy BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2016, 596, A78.	5.1	45
50	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
51	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
52	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
53	Radio jet emission from GeV-emitting narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2015, 575, A55.	5.1	54
54	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

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55	Multiwavelength behaviour of the blazar OJ 248 from radio to $\hat{\text{I}}^3$ -rays.... Monthly Notices of the Royal Astronomical Society, 2015, 450, 2677-2691.	4.4	32
56	RoboPol: first season rotations of optical polarization plane in blazars. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1669-1683.	4.4	84
57	Optical variability of the blazar S4 0954+658 in 2008-2012. Astronomy Reports, 2015, 59, 551-562.	0.9	10
58	Connection between parsec-scale radio jet and gamma-ray flares in the blazar 1156+295. , 2015, , .		0
59	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
60	THE OUTBURST OF THE BLAZAR S4 0954+658 IN 2011 MARCH-APRIL. Astronomical Journal, 2014, 148, 42.	4.7	34
61	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY. Astrophysical Journal, 2014, 786, 157.	4.5	33
62	The RoboPol pipeline and control system. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1706-1717.	4.4	46
63	The connection between the parsec-scale radio jet and $\hat{\text{I}}^3$ -ray flares in the blazar 1156+295. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1636-1646.	4.4	18
64	The RoboPol optical polarization survey of gamma-ray-loud blazars. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1693-1705.	4.4	52
65	Early-time polarized optical light curve of GRB131030A. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 445, L114-L118.	3.3	14
66	COMPREHENSIVE MONITORING OF GAMMA-RAY BRIGHT BLAZARS. I. STATISTICAL STUDY OF OPTICAL, X-RAY, AND GAMMA-RAY SPECTRAL SLOPES. Astrophysical Journal, 2014, 789, 135.	4.5	36
67	MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510+089 in early 2012. Astronomy and Astrophysics, 2014, 569, A46.	5.1	70
68	Variability of the blazar 3C 454.3 during 2007-2010. Astronomy Reports, 2013, 57, 726-733.	0.9	3
69	The awakening of BL Lacertae: observations by Fermi, Swift and the GASP-WEBT.... Monthly Notices of the Royal Astronomical Society, 2013, 436, 1530-1545.	4.4	97
70	A TIGHT CONNECTION BETWEEN GAMMA-RAY OUTBURSTS AND PARSEC-SCALE JET ACTIVITY IN THE QUASAR 3C 454.3. Astrophysical Journal, 2013, 773, 147.	4.5	141
71	THE OUTBURST OF THE BLAZAR S5 0716+71 IN 2011 OCTOBER: SHOCK IN A HELICAL JET. Astrophysical Journal, 2013, 768, 40.	4.5	114
72	Prominent outburst of the blazar CTA 102 in 2012. EPJ Web of Conferences, 2013, 61, 04019.	0.3	6

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73	Optical variability of the blazar 3C 454.3 during 2007-2010. EPJ Web of Conferences, 2013, 61, 06010.	0.3	0
74	Multiwavelength Observations of 6 BL Lac Objects in 2008-2012. EPJ Web of Conferences, 2013, 61, 04018.	0.3	1
75	Analyzing polarization swings in 3C 279. EPJ Web of Conferences, 2013, 61, 06003.	0.3	10
76	Multiwavelength polarization observations of the $\gamma$ -ray bright quasar PKS 0420-014. EPJ Web of Conferences, 2013, 61, 07008.	0.3	1
77	The 72-h WEBT microvariability observation of blazar S5 0716+714 in 2009. Astronomy and Astrophysics, 2013, 558, A92.	5.1	52
78	Multiwavelength Observations of 6 FSRQ in 2008-2012. Proceedings of the International Astronomical Union, 2013, 9, 249-251.	0.0	0
79	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. Astrophysical Journal, 2012, 751, 159.	4.5	54
80	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY $\gamma$ -RAY OBSERVATIONS IN 2008-2010. Astrophysical Journal, 2012, 754, 114.	4.5	152
81	Variability of the blazar 4C 38.41 (B3 1633+382) from GHz frequencies to GeV energies. Astronomy and Astrophysics, 2012, 545, A48.	5.1	56
82	LOCATION OF $\gamma$ -RAY FLARE EMISSION IN THE JET OF THE BL LACERTAE OBJECT OJ287 MORE THAN 14 pc FROM THE CENTRAL ENGINE. Astrophysical Journal Letters, 2011, 726, L13.	8.3	171
83	The long-lasting activity of 3C 454.3. Astronomy and Astrophysics, 2011, 534, A87.	5.1	67
84	ON THE LOCATION OF THE $\gamma$ -RAY OUTBURST EMISSION IN THE BL LACERTAE OBJECT AO 0235+164 THROUGH OBSERVATIONS ACROSS THE ELECTROMAGNETIC SPECTRUM. Astrophysical Journal Letters, 2011, 735, L10.	8.3	109
85	AGILE detection of extreme $\gamma$ -ray activity from the blazar PKS 1510-089 during March 2009. Astronomy and Astrophysics, 2011, 529, A145.	5.1	62
86	Color variability of BL Lac in 2002-2008. Astronomy Reports, 2011, 55, 1000-1007.	0.9	5
87	Optical variability of the blazar OJ 287 in 2005-2009. Astronomy Reports, 2011, 55, 1078-1085.	0.9	5
88	INSIGHTS INTO THE HIGH-ENERGY $\gamma$ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE FERMI ERA. Astrophysical Journal, 2011, 727, 129.	4.5	185
89	FLARING BEHAVIOR OF THE QUASAR 3C 454.3 ACROSS THE ELECTROMAGNETIC SPECTRUM. Astrophysical Journal, 2010, 715, 362-384.	4.5	166
90	Another look at the BL Lacertae flux and spectral variability. Astronomy and Astrophysics, 2010, 524, A43.	5.1	68

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91	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
92	<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
93	A change in the optical polarization associated with a $\hat{\Gamma}^3$ -ray flare in the blazar 3C 279. <i>Nature</i> , 2010, 463, 919-923.	27.8	269
94	Stochastic model of optical variability of BL Lacertae. <i>Astronomy and Astrophysics</i> , 2009, 503, 103-106.	5.1	17
95	AGILE detection of a rapid $\hat{\Gamma}^3$ -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