

# Dominik Baack

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

293  
citations

933447

10  
h-index

888059

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined searches for dark matter in dwarf spheroidal galaxies observed with the MAGIC telescopes, including new data from Coma Berenices and Draco. <i>Physics of the Dark Universe</i> , 2022, 35, 100912.	4.9	21
2	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. <i>Astrophysical Journal</i> , 2022, 927, 197.	4.5	11
3	Rapid X-ray variability in Mrk 421 during a multiwavelength campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1662-1679.	4.4	3
4	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. <i>Astrophysical Journal</i> , 2022, 932, 129.	4.5	4
5	The relentless variability of Mrk 421 from the TeV to the radio. <i>Astronomy and Astrophysics</i> , 2021, 647, A88.	5.1	9
6	Investigation of the correlation patterns and the Compton dominance variability of Mrk 421 in 2017. <i>Astronomy and Astrophysics</i> , 2021, 655, A89.	5.1	15
7	First detection of VHE gamma-ray emission from TXS 1515+273, study of its X-ray variability and spectral energy distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1528-1545.	4.4	4
8	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021, 922, 251.	4.5	2
9	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. <i>Astrophysical Journal</i> , 2021, 923, 241.	4.5	10
10	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.	7.7	25
11	MAGIC very large zenith angle observations of the Crab Nebula up to 100 TeV. <i>Astronomy and Astrophysics</i> , 2020, 635, A158.	5.1	31
12	A search for dark matter in Triangulum II with the MAGIC telescopes. <i>Physics of the Dark Universe</i> , 2020, 28, 100529.	4.9	10
13	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	4.5	21
14	Detection of the Geminga pulsar with MAGIC hints at a power-law tail emission beyond 15 GeV. <i>Astronomy and Astrophysics</i> , 2020, 643, L14.	5.1	26
15	Testing emission models on the extreme blazar 2WHSP J073326.7+515354 detected at very high energies with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2284-2299.	4.4	22
16	Flux States of Active Galactic Nuclei. <i>Galaxies</i> , 2019, 7, 57.	3.0	0
17	Fractional Variability – A Tool to Study Blazar Variability. <i>Galaxies</i> , 2019, 7, 62.	3.0	18
18	Indirect dark matter searches in the dwarf satellite galaxy Ursa Major II with the MAGIC telescopes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 009-009.	5.4	24

#	ARTICLE	IF	CITATIONS
19	Mirror position determination for the alignment of Cherenkov Telescopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 860, 1-5.	1.6	0
20	First study of combined blazar light curves with FACT and HAWC. AIP Conference Proceedings, 2017, , .	0.4	1
21	Long-Term Monitoring of Bright Blazars in the Multi-GeV to TeV Range with FACT. Galaxies, 2017, 5, 18.	3.0	5
22	Bokeh mirror alignment for Cherenkov telescopes. Astroparticle Physics, 2016, 82, 1-9.	4.3	11
23	Normalized and asynchronous mirror alignment for Cherenkov telescopes. Astroparticle Physics, 2016, 82, 56-65.	4.3	7
24	Multiwavelength variability and correlation studies of Mrk421 during historically low X-ray and $\gamma$ -ray activity in 2015–2016. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	13