

# Daniela Hadasch

## List of Publications by Year in descending order

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300  
papers

28,886  
citations

4145

87  
h-index

5679

162  
g-index

307  
all docs

307  
docs citations

307  
times ranked

10870  
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	Proton acceleration in thermonuclear nova explosions revealed by gamma rays. <i>Nature Astronomy</i> , 2022, 6, 689-697.	10.1	25
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	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B <sup>*</sup> . <i>Astrophysical Journal</i> , 2021, 908, 90.	4.5	38
6	VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. <i>Astronomy and Astrophysics</i> , 2021, 647, A163.	5.1	11
7	H.E.S.S. and MAGIC observations of a sudden cessation of a very-high-energy $\gamma$ -ray flare in PKS 1510+089 in May 2016. <i>Astronomy and Astrophysics</i> , 2021, 648, A23.	5.1	18
8	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
9	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
10	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021, 922, 251.	4.5	2
11	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
12	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
13	Studying the nature of the unidentified gamma-ray source HESS J1841+055 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3734-3745.	4.4	3
14	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
15	A search for dark matter in Triangulum A with the MAGIC telescopes. <i>Physics of the Dark Universe</i> , 2020, 28, 100529.	4.9	10
16	Statistics of VHE $\gamma$ -rays in temporal association with radio giant pulses from the Crab pulsar. <i>Astronomy and Astrophysics</i> , 2020, 634, A25.	5.1	4
17	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes <sup>*</sup> . <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 16.	7.7	39
18	An intermittent extreme BL Lac: MWL study of 1ES 2344+514 in an enhanced state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3912-3928.	4.4	14

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19	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. <i>Physical Review Letters</i> , 2020, 125, 021301.	7.8	52
20	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	4.5	21
21	Monitoring of the radio galaxy M87 during a low-emission state from 2012 to 2015 with MAGIC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5354-5365.	4.4	31
22	Study of the variable broadband emission of Markarian 501 during the most extreme $\gamma$ -ray X-ray activity. <i>Astronomy and Astrophysics</i> , 2020, 637, A86.	5.1	28
23	Broadband characterisation of the very intense TeV flares of the blazar 1ES 1959+650 in 2016. <i>Astronomy and Astrophysics</i> , 2020, 638, A14.	5.1	23
24	MAGIC observations of the diffuse $\gamma$ -ray emission in the vicinity of the Galactic center. <i>Astronomy and Astrophysics</i> , 2020, 642, A190.	5.1	25
25	Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. <i>Astronomy and Astrophysics</i> , 2020, 640, A132.	5.1	20
26	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
27	The readout system based on the ultra-fast waveform sampler DRS4 for the Large-Sized Telescope of the Cherenkov Telescope Array. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012104.	0.4	0
28	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
29	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.	4.5	27
30	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 356-366.	4.4	7
31	Deep observations of the globular cluster M15 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2876-2885.	4.4	8
32	Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to $z=1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4233-4251.	4.4	67
33	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
34	Discovery of TeV $\gamma$ -ray emission from the neighbourhood of the supernova remnant G24.7+0.6 by MAGIC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4578-4585.	4.4	6
35	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019, 111, 35-53.	4.3	35
36	Teraelectronvolt emission from the $\gamma$ -ray burst GRB 190114C. <i>Nature</i> , 2019, 575, 455-458.	27.8	208

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37	Observation of inverse Compton emission from a long $\gamma$ -ray burst. <i>Nature</i> , 2019, 575, 459-463.	27.8	146
38	Introduction to CTA Science. , 2019, , 1-25.		0
39	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
40	H.E.S.S. discovery of very high energy $\gamma$ -ray emission from PKS 0625+354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4187-4198.	4.4	21
41	A technique for estimating the absolute gain of a photomultiplier tube. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 894, 1-7.	1.6	4
42	Gamma-ray flaring activity of NGC1275 in 2016–2017 measured by MAGIC. <i>Astronomy and Astrophysics</i> , 2018, 617, A91.	5.1	25
43	The Blazar TXS 0506+056 Associated with a High-energy Neutrino: Insights into Extragalactic Jets and Cosmic-Ray Acceleration. <i>Astrophysical Journal Letters</i> , 2018, 863, L10.	8.3	141
44	The population of TeV pulsar wind nebulae in the H.E.S.S. Galactic Plane Survey. <i>Astronomy and Astrophysics</i> , 2018, 612, A2.	5.1	117
45	A search for very high-energy flares from the microquasars GRS 1915+105, Circinus X-1, and V4641 Sgr using contemporaneous H.E.S.S. and RXTE observations. <i>Astronomy and Astrophysics</i> , 2018, 612, A10.	5.1	7
46	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
47	Extended VHE $\gamma$ -ray emission towards SGR1806+20, LBV 1806+20, and stellar cluster Cl* 1806+20. <i>Astronomy and Astrophysics</i> , 2018, 612, A11.	5.1	12
48	H.E.S.S. observations of RX J1713.7+3946 with improved angular and spectral resolution: Evidence for gamma-ray emission extending beyond the X-ray emitting shell. <i>Astronomy and Astrophysics</i> , 2018, 612, A6.	5.1	95
49	Detection of persistent VHE gamma-ray emission from PKS 1510–089 by the MAGIC telescopes during low states between 2012 and 2017. <i>Astronomy and Astrophysics</i> , 2018, 619, A159.	5.1	26
50	The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2018, 612, A5.	5.1	35
51	Extreme HBL behavior of Markarian 501 during 2012. <i>Astronomy and Astrophysics</i> , 2018, 620, A181.	5.1	47
52	VHE observations of binary systems performed with the MAGIC telescopes. <i>International Journal of Modern Physics D</i> , 2018, 27, 1844010.	2.1	1
53	Constraining very-high-energy and optical emission from FRB 121102 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2479-2486.	4.4	33
54	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. <i>Astronomy and Astrophysics</i> , 2018, 612, A4.	5.1	24

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55	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. <i>Astrophysical Journal Letters</i> , 2018, 867, L19.	8.3	38
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	The broad-band properties of the intermediate synchrotron peaked BL Lac S2 0109+22 from radio to VHE gamma-rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 879-892.	4.4	13
58	Constraining dark matter lifetime with a deep gamma-ray survey of the Perseus galaxy cluster with MAGIC. <i>Physics of the Dark Universe</i> , 2018, 22, 38-47.	4.9	26
59	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. <i>Astronomy and Astrophysics</i> , 2018, 612, A14.	5.1	23
60	Limits on the flux of tau neutrinos from 1 PeV to 3 EeV with the MAGIC telescopes. <i>Astroparticle Physics</i> , 2018, 102, 77-88.	4.3	14
61	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
62	Characterizing the $\gamma$ -ray long-term variability of PKS 2155+304 with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2017, 598, A39.	5.1	33
63	Observations of Sagittarius A* during the pericenter passage of the G2 object with MAGIC. <i>Astronomy and Astrophysics</i> , 2017, 601, A33.	5.1	17
64	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017, 834, 2.	4.5	29
65	Observation of the black widow B1957+20 millisecond pulsar binary system with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4608-4617.	4.4	4
66	MAGIC observations of the microquasar V404 Cygni during the 2015 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1688-1693.	4.4	5
67	First multi-wavelength campaign on the gamma-ray-loud active galaxy IC 310. <i>Astronomy and Astrophysics</i> , 2017, 603, A25.	5.1	22
68	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 9.	7.7	25
69	MAGIC VHE gamma-ray observations of binary systems. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
70	First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst. <i>Astronomy and Astrophysics</i> , 2017, 597, A115.	5.1	6
71	Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017, 94, 29-41.	4.3	54
72	Very-high-energy gamma-ray observations of the Type Ia Supernova SN 2014J with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2017, 602, A98.	5.1	2

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73	MAGIC detection of very high energy $\gamma$ -ray emission from the low-luminosity blazar 1ES 1741+196. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1534-1541.	4.4	15
74	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. Astronomy and Astrophysics, 2017, 603, A31.	5.1	49
75	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKS 2155+304 and PG 1553+113. Astronomy and Astrophysics, 2017, 600, A89.	5.1	29
76	Multiwavelength observations of a VHE gamma-ray flare from PKS 1510+089 in 2015. Astronomy and Astrophysics, 2017, 603, A29.	5.1	33
77	A cut-off in the TeV gamma-ray spectrum of the SNR Cassiopeia A. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2956-2962.	4.4	64
78	Measurement of the EBL spectral energy distribution using the VHE $\gamma$ -ray spectra of H.E.S.S. blazars. Astronomy and Astrophysics, 2017, 606, A59.	5.1	54
79	MAGIC VHE gamma-ray observations of binary systems. , 2017, , .		0
80	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. Astronomy and Astrophysics, 2016, 585, A133.	5.1	82
81	Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube. Journal of Instrumentation, 2016, 11, P11009-P11009.	1.2	24
82	Deep observation of the NGC 1275 region with MAGIC: search of diffuse $\gamma$ -ray emission from cosmic rays in the Perseus cluster. Astronomy and Astrophysics, 2016, 589, A33.	5.1	40
83	Super-orbital variability of LS I +61°303 at TeV energies. Astronomy and Astrophysics, 2016, 591, A76.	5.1	21
84	Search for VHE gamma-ray emission from Geminga pulsar and nebula with the MAGIC telescopes. Astronomy and Astrophysics, 2016, 591, A138.	5.1	20
85	Long-term multi-wavelength variability and correlation study of Markarian 421 from 2007 to 2009. Astronomy and Astrophysics, 2016, 593, A91.	5.1	36
86	Detection of very high energy gamma-ray emission from the gravitationally lensed blazar QSO B0218+357 with the MAGIC telescopes. Astronomy and Astrophysics, 2016, 595, A98.	5.1	56
87	Insights into the emission of the blazar 1ES 1011+496 through unprecedented broadband observations during 2011 and 2012. Astronomy and Astrophysics, 2016, 591, A10.	5.1	15
88	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. Astrophysical Journal, Supplement Series, 2016, 224, 8.	7.7	190
89	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. Astrophysical Journal, Supplement Series, 2016, 223, 26.	7.7	313
90	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L2.	8.3	45

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91	Search for Dark Matter Annihilations towards the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. Physical Review Letters, 2016, 117, 111301.	7.8	233
92	H.E.S.S. Limits on Linelike Dark Matter Signatures in the 100ÂGeV to 2ÂTeV Energy Range Close to the Galactic Center. Physical Review Letters, 2016, 117, 151302.	7.8	43
93	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	8.3	210
94	SUPPLEMENT: âœLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914âœ•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
95	Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3271-3281.	4.4	26
96	Acceleration of petaelectronvolt protons in the Galactic Centre. Nature, 2016, 531, 476-479.	27.8	326
97	The major upgrade of the MAGIC telescopes, Part II: A performance study using observations of the Crab Nebula. Astroparticle Physics, 2016, 72, 76-94.	4.3	305
98	The major upgrade of the MAGIC telescopes, Part I: The hardware improvements and the commissioning of the system. Astroparticle Physics, 2016, 72, 61-75.	4.3	150
99	VHE gamma-ray observations of transient and variable stellar objects with the MAGIC telescopes. , 2016,, .		0
100	Development of the photomultiplier tube readout system for the first Large-Sized Telescope of the Cherenkov Telescope Array. , 2016,, .		0
101	Development of Slow Control Boards for the Large Size Telescopes of the Cherenkov Telescope Array. , 2016,, .		0
102	Discovery of variable VHE<math>\gamma</math>-ray emission from the binary system 1FGLâœ%J1018.6âœ“5856. Astronomy and Astrophysics, 2015, 577, A131.	5.1	28
103	MAGIC observations of MWC 656, the only known Be/BH system. Astronomy and Astrophysics, 2015, 576, A36.	5.1	11
104	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. Astronomy and Astrophysics, 2015, 576, A126.	5.1	84
105	Multiwavelength observations of Mrk 501 in 2008. Astronomy and Astrophysics, 2015, 573, A50.	5.1	49
106	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830âœ“211 OBSERVED BY<math>\gamma</math>-LAT. Astrophysical Journal, 2015, 799, 143.	4.5	45
107	The exceptionally powerful TeV $\gamma$ -ray emitters in the Large Magellanic Cloud. Science, 2015, 347, 406-412.	12.6	111
108	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100ÂMeV AND 820ÂGeV. Astrophysical Journal, 2015, 799, 86.	4.5	556



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109	Constraints on an Annihilation Signal from a Core of Constant Dark Matter Density around the Milky Way Center with H.E.S.S.. <i>Physical Review Letters</i> , 2015, 114, 081301.	7.8	36
110	<i>FERMI</i> LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 23.	7.7	1,224
111	Discovery of very high energy $\hat{\text{I}}^3$ -ray emission from the blazar 1ES0033+595 by the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 217-225.	4.4	15
112	Measurement of the Crab Nebula spectrum over three decades in energy with the MAGIC telescopes. <i>Journal of High Energy Astrophysics</i> , 2015, 5-6, 30-38.	6.7	65
113	Probing the very high energy $\hat{\text{I}}^3$ -ray spectral curvature in the blazar PG 1553+113 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 4399-4410.	4.4	22
114	MAGIC detection of short-term variability of the high-peaked BL Lac object 1ES 0806+524. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 739-750.	4.4	25
115	H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A. <i>Astronomy and Astrophysics</i> , 2015, 575, A81.	5.1	20
116	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
117	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud. <i>Astronomy and Astrophysics</i> , 2015, 574, A100.	5.1	20
118	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud<i>(Corrigendum)</i>. <i>Astronomy and Astrophysics</i> , 2015, 580, C1.	5.1	0
119	Detection of bridge emission above 50 GeV from the Crab pulsar with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2014, 565, L12.	5.1	30
120	MAGIC observations and multifrequency properties of the flat spectrum radio quasar 3C 279 in 2011. <i>Astronomy and Astrophysics</i> , 2014, 567, A41.	5.1	33
121	MAGIC long-term study of the distant TeV blazar PKS 1424+240 in a multiwavelength context. <i>Astronomy and Astrophysics</i> , 2014, 567, A135.	5.1	48
122	Diffuse Galactic gamma-ray emission with H.E.S.S.. <i>Physical Review D</i> , 2014, 90, .	4.7	69
123	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	4.5	123
124	DISCOVERY OF THE HARD SPECTRUM VHE $\hat{\text{I}}^3$ -RAY SOURCE HESS J1641â€“463. <i>Astrophysical Journal Letters</i> , 2014, 794, L1.	8.3	31
125	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4CÂ+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	4.5	33
126	MAGIC upper limits on the GRB 090102 afterglow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3103-3111.	4.4	18



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127	Optimized dark matter searches in deep observations of Segue 1 with MAGIC. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008.	5.4	105
128	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope $\gamma$ -Ray Observations of Earth's Limb. Physical Review Letters, 2014, 112, 151103.	7.8	28
129	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF FERMI LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. Astrophysical Journal, 2014, 787, 15.	4.5	100
130	Fermi establishes classical novae as a distinct class of gamma-ray sources. Science, 2014, 345, 554-558.	12.6	140
131	Search for very high energy gamma-rays from the $z = 0.896$ quasar 4C +55.17 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2014, 440, 530-535.	4.4	1
132	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. Science, 2014, 343, 42-47.	12.6	211
133	Black hole lightning due to particle acceleration at subhorizon scales. Science, 2014, 346, 1080-1084.	12.6	128
134	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. Astrophysical Journal, 2014, 784, 118.	4.5	13
135	THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES. Astrophysical Journal, 2014, 793, 64.	4.5	239
136	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. Astrophysical Journal, 2014, 789, 20.	4.5	96
137	The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks. Science, 2014, 343, 51-54.	12.6	55
138	Contemporaneous observations of the radio galaxy NGC 1275 from radio to very high energy $\gamma$ -rays. Astronomy and Astrophysics, 2014, 564, A5.	5.1	42
139	Discovery of very high energy gamma-ray emission from the blazar 1ES 1727+502 with the MAGIC Telescopes. Astronomy and Astrophysics, 2014, 563, A90.	5.1	21
140	Rapid and multiband variability of the TeV bright active nucleus of the galaxy IC 310. Astronomy and Astrophysics, 2014, 563, A91.	5.1	45
141	First broadband characterization and redshift determination of the VHE blazar MAGIC J2001+439. Astronomy and Astrophysics, 2014, 572, A121.	5.1	24
142	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
143	MAGIC reveals a complex morphology within the unidentified gamma-ray source HESS J1857+026. Astronomy and Astrophysics, 2014, 571, A96.	5.1	15
144	MAGIC search for VHE $\gamma$ -ray emission from AE Aquarii in a multiwavelength context. Astronomy and Astrophysics, 2014, 568, A109.	5.1	6

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145	Discovery of TeV $\gamma$ -ray emission from the pulsar wind nebula 3C 58 by MAGIC. <i>Astronomy and Astrophysics</i> , 2014, 567, L8.	5.1	27
146	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013, 88, .	4.7	175
147	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\gamma$ -RAY PULSAR SEEN BY THE <i>Fermi</i> LAT. <i>Astrophysical Journal Letters</i> , 2013, 777, L2.	8.3	62
148	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 77.	4.5	94
149	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811.	12.6	591
150	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	4.3	504
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