

Abelardo Moralejo Olaizola

List of Publications by Year in descending order

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Version: 2024-02-01

245
papers

15,168
citations

13865

67
h-index

22166

113
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247
all docs

247
docs citations

247
times ranked

5389
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 [*] . <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	Effect of the uncertainty in the hadronic interaction models on the estimation of the sensitivity of the Cherenkov telescope array. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021, 48, 075201.	3.6	4
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 [*] . <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 γ -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 [*] . <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 <i>Swift</i> 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 γ -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	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
28	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.	4.5	27
29	MAGIC and <i>Fermi</i> -LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 356-366.	4.4	7
30	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
31	Measurement of the extragalactic background light using MAGIC and <i>Fermi</i> -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
32	A fast, very-high-energy γ -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
33	Discovery of TeV γ -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
34	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019, 111, 35-53.	4.3	35
35	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
36	Nature of the low-energy, γ -like background for the Cherenkov Telescope Array. <i>Astroparticle Physics</i> , 2018, 97, 1-9.	4.3	8

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37	Gamma-ray flaring activity of NGC1275 in 2016â€“2017 measured by MAGIC. <i>Astronomy and Astrophysics</i> , 2018, 617, A91.	5.1	25
38	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
39	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
40	Detection of persistent VHE gamma-ray emission from PKS 1510â€“089 by the MAGIC telescopes during low states between 2012 and 2017. <i>Astronomy and Astrophysics</i> , 2018, 619, A159.	5.1	26
41	Extreme HBL behavior of Markarian 501 during 2012. <i>Astronomy and Astrophysics</i> , 2018, 620, A181.	5.1	47
42	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
43	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
44	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
45	The broad-band properties of the intermediate synchrotron peaked BLâ€™%Lacâ€™%S2â€™%0109+22 from radio to VHE gamma-rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 879-892.	4.4	13
46	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
47	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
48	Limits on the flux of tau neutrinos from 1â€™PeV to 3â€™EeV with the MAGIC telescopes. <i>Astroparticle Physics</i> , 2018, 102, 77-88.	4.3	14
49	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
50	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7â€™3946. <i>Astrophysical Journal</i> , 2017, 840, 74.	4.5	14
51	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
52	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
53	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
54	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

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55	First multi-wavelength campaign on the gamma-ray-loud active galaxy IC 310. <i>Astronomy and Astrophysics</i> , 2017, 603, A25.	5.1	22
56	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
57	Monte Carlo performance studies for the site selection of the Cherenkov Telescope Array. <i>Astroparticle Physics</i> , 2017, 93, 76-85.	4.3	34
58	Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017, 94, 29-41.	4.3	54
59	EBL constraints using a sample of TeV gamma-ray emitters measured with the MAGIC telescopes. <i>AIP Conference Proceedings</i> , 2017, . .	0.4	0
60	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
61	MAGIC detection of very high energy γ -ray emission from the low-luminosity blazar 1ES 1741+196. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1534-1541.	4.4	15
62	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
63	Multiwavelength observations of a VHE gamma-ray flare from PKS 1510-089 in 2015. <i>Astronomy and Astrophysics</i> , 2017, 603, A29.	5.1	33
64	A cut-off in the TeV gamma-ray spectrum of the SNR Cassiopeia A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2956-2962.	4.4	64
65	The Cherenkov Telescope Array production system for Monte Carlo simulations and analysis. <i>Journal of Physics: Conference Series</i> , 2017, 898, 052013.	0.4	2
66	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. <i>Astronomy and Astrophysics</i> , 2016, 585, A133.	5.1	82
67	Latest MAGIC discoveries pushing redshift boundaries in VHE Astrophysics. <i>Journal of Physics: Conference Series</i> , 2016, 718, 052022.	0.4	1
68	Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube. <i>Journal of Instrumentation</i> , 2016, 11, P11009-P11009.	1.2	24
69	Deep observation of the NGC 1275 region with MAGIC: search of diffuse γ -ray emission from cosmic rays in the Perseus cluster. <i>Astronomy and Astrophysics</i> , 2016, 589, A33.	5.1	40
70	Super-orbital variability of LS I +61°303 at TeV energies. <i>Astronomy and Astrophysics</i> , 2016, 591, A76.	5.1	21
71	Search for VHE gamma-ray emission from Geminga pulsar and nebula with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016, 591, A138.	5.1	20
72	MAGIC observations of the February 2014 flare of 1ES 1011+496 and ensuing constraint of the EBL density. <i>Astronomy and Astrophysics</i> , 2016, 590, A24.	5.1	46

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73	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
74	Detection of very high energy gamma-ray emission from the gravitationally lensed blazar QSO B0218+357 with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016, 595, A98.	5.1	56
75	Insights into the emission of the blazar 1ES 1011+496 through unprecedented broadband observations during 2011 and 2012. <i>Astronomy and Astrophysics</i> , 2016, 591, A10.	5.1	15
76	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
77	Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3271-3281.	4.4	26
78	Limits to dark matter annihilation cross-section from a combined analysis of MAGIC and Fermi-LAT observations of dwarf satellite galaxies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 039-039.	5.4	216
79	The major upgrade of the MAGIC telescopes, Part II: A performance study using observations of the Crab Nebula. <i>Astroparticle Physics</i> , 2016, 72, 76-94.	4.3	305
80	MACHETE: A transit imaging atmospheric Cherenkov telescope to survey half of the very high energy $\hat{1}^3$ -ray sky. <i>Astroparticle Physics</i> , 2016, 72, 46-54.	4.3	14
81	The major upgrade of the MAGIC telescopes, Part I: The hardware improvements and the commissioning of the system. <i>Astroparticle Physics</i> , 2016, 72, 61-75.	4.3	150
82	Very high-energy $\hat{1}^3$ -ray observations of novae and dwarf novae with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2015, 582, A67.	5.1	21
83	MAGIC observations of MWC 656, the only known Be/BH system. <i>Astronomy and Astrophysics</i> , 2015, 576, A36.	5.1	11
84	FIRST NuSTAR OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	4.5	49
85	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015, 576, A126.	5.1	84
86	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	5.1	49
87	VERY HIGH ENERGY $\hat{1}^3$ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. <i>Astrophysical Journal Letters</i> , 2015, 815, L23.	8.3	78
88	Discovery of very high energy $\hat{1}^3$ -ray emission from the blazar 1ES 0033+595 by the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 217-225.	4.4	15
89	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
90	Probing the very high energy $\hat{1}^3$ -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

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91	MAGIC detection of short-term variability of the high-peaked BL Lac object 1ES 0806+524. Monthly Notices of the Royal Astronomical Society, 2015, 451, 739-750.	4.4	25
92	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. Astronomy and Astrophysics, 2015, 578, A22.	5.1	92
93	Detection of bridge emission above 50 GeV from the Crab pulsar with the MAGIC telescopes. Astronomy and Astrophysics, 2014, 565, L12.	5.1	30
94	MAGIC observations and multifrequency properties of the flat spectrum radio quasar 3C 279 in 2011. Astronomy and Astrophysics, 2014, 567, A41.	5.1	33
95	MAGIC long-term study of the distant TeV blazar PKS 1424+240 in a multiwavelength context. Astronomy and Astrophysics, 2014, 567, A135.	5.1	48
96	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY. Astrophysical Journal, 2014, 786, 157.	4.5	33
97	The large size telescope of the Cherenkov Telescope Array. , 2014, , .		3
98	Development of the camera for the large size telescopes of the Cherenkov Telescope Array. Proceedings of SPIE, 2014, , .	0.8	3
99	MAGIC upper limits on the GRB 090102 afterglow. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3103-3111.	4.4	18
100	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
101	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
102	Black hole lightning due to particle acceleration at subhorizon scales. Science, 2014, 346, 1080-1084.	12.6	128
103	Contemporaneous observations of the radio galaxy NGC 1275 from radio to very high energy γ -rays. Astronomy and Astrophysics, 2014, 564, A5.	5.1	42
104	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
105	Rapid and multiband variability of the TeV bright active nucleus of the galaxy IC 310. Astronomy and Astrophysics, 2014, 563, A91.	5.1	45
106	First broadband characterization and redshift determination of the VHE blazar MAGIC J2001+439. Astronomy and Astrophysics, 2014, 572, A121.	5.1	24
107	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
108	MAGIC reveals a complex morphology within the unidentified gamma-ray source HESS J1857+026. Astronomy and Astrophysics, 2014, 571, A96.	5.1	15

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109	MAGIC search for VHE γ -ray emission from AE Aquarii in a multiwavelength context. <i>Astronomy and Astrophysics</i> , 2014, 568, A109.	5.1	6
110	Discovery of TeV γ -ray emission from the pulsar wind nebula 3C 58 by MAGIC. <i>Astronomy and Astrophysics</i> , 2014, 567, L8.	5.1	27
111	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	4.3	504
112	Monte Carlo design studies for the Cherenkov Telescope Array. <i>Astroparticle Physics</i> , 2013, 43, 171-188.	4.3	176
113	Dark matter and fundamental physics with the Cherenkov Telescope Array. <i>Astroparticle Physics</i> , 2013, 43, 189-214.	4.3	106
114	The simultaneous low state spectral energy distribution of 1ES 2344+514 from radio to very high energies. <i>Astronomy and Astrophysics</i> , 2013, 556, A67.	5.1	25
115	Very high energy gamma-ray observation of the peculiar transient event Swift J1644+57 with the MAGIC telescopes and AGILE. <i>Astronomy and Astrophysics</i> , 2013, 552, A112.	5.1	5
116	Observations of the magnetars 4U 0142+61 and 1E 2259+586 with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2013, 549, A23.	5.1	7
117	DETECTION OF THE γ -RAY BINARY LS I +61 $^{\circ}$ 303 IN A LOW-FLUX STATE AT VERY HIGH ENERGY γ -RAYS WITH THE MAGIC TELESCOPES IN 2009. <i>Astrophysical Journal</i> , 2012, 746, 80.	4.5	14
118	THE 2010 VERY HIGH ENERGY γ -RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. <i>Astrophysical Journal</i> , 2012, 746, 151.	4.5	145
119	PG 1553+113: FIVE YEARS OF OBSERVATIONS WITH MAGIC. <i>Astrophysical Journal</i> , 2012, 748, 46.	4.5	40
120	DETECTION OF VHE γ -RAYS FROM HESS J0632+057 DURING THE 2011 FEBRUARY X-RAY OUTBURST WITH THE MAGIC TELESCOPES. <i>Astrophysical Journal Letters</i> , 2012, 754, L10.	8.3	22
121	Towards an optimized design for the Cherenkov Telescope Array. , 2012, , .		0
122	MAGIC observations of the giant radio galaxy M 87 in a low-emission state between 2005 and 2007. <i>Astronomy and Astrophysics</i> , 2012, 544, A96.	5.1	25
123	Discovery of VHE γ -rays from the blazar 1ES 1215+303 with the MAGIC telescopes and simultaneous multi-wavelength observations. <i>Astronomy and Astrophysics</i> , 2012, 544, A142.	5.1	50
124	Discovery of VHE γ -ray emission from the BL Lacertae object B3 2247+381 with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 539, A118.	5.1	29
125	Detection of very-high energy γ -ray emission from NGC 1275 by the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 539, L2.	5.1	77
126	Phase-resolved energy spectra of the Crab pulsar in the range of 50–400 GeV measured with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 540, A69.	5.1	84

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127	Morphological and spectral properties of the W51 region measured with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 541, A13.	5.1	67
128	Mrk 421 active state in 2008: the MAGIC view, simultaneous multi-wavelength observations and SSC model constrained. <i>Astronomy and Astrophysics</i> , 2012, 542, A100.	5.1	55
129	Performance of the MAGIC stereo system obtained with Crab Nebula data. <i>Astroparticle Physics</i> , 2012, 35, 435-448.	4.3	183
130	Constraining cosmic rays and magnetic fields in the Perseus galaxy cluster with TeV observations by the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 541, A99.	5.1	64
131	High zenith angle observations of PKS 2155-304 with the MAGIC-I telescope. <i>Astronomy and Astrophysics</i> , 2012, 544, A75.	5.1	8
132	MAGIC DISCOVERY OF VERY HIGH ENERGY EMISSION FROM THE FSRQ PKS 1222+21. <i>Astrophysical Journal Letters</i> , 2011, 730, L8.	8.3	277
133	MAGIC Observations and multiwavelength properties of the quasar 3C 279 in 2007 and 2009. <i>Astronomy and Astrophysics</i> , 2011, 530, A4.	5.1	68
134	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , 2011, 32, 193-316.	3.7	640
135	OBSERVATIONS OF THE BLAZAR 3C 66A WITH THE MAGIC TELESCOPES IN STEREOSCOPIC MODE. <i>Astrophysical Journal</i> , 2011, 726, 58.	4.5	31
136	INSIGHTS INTO THE HIGH-ENERGY γ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>FERMI</i> ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	4.5	185
137	SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST. <i>Astrophysical Journal</i> , 2011, 729, 2.	4.5	70
138	GAMMA-RAY EXCESS FROM A STACKED SAMPLE OF HIGH- AND INTERMEDIATE-FREQUENCY PEAKED BLAZARS OBSERVED WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2011, 729, 115.	4.5	23
139	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011, 736, 131.	4.5	261
140	OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I TELESCOPE. <i>Astrophysical Journal</i> , 2011, 742, 43.	4.5	69
141	Searches for dark matter annihilation signatures in the Segue 1 satellite galaxy with the MAGIC-I telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 035-035.	5.4	60
142	A SEARCH FOR VERY HIGH ENERGY GAMMA-RAY EMISSION FROM SCORPIUS X-1 WITH THE MAGIC TELESCOPES. <i>Astrophysical Journal Letters</i> , 2011, 735, L5.	8.3	9
143	MAGIC TeV gamma-ray observations of Markarian 421 during multiwavelength campaigns in 2006. <i>Astronomy and Astrophysics</i> , 2010, 519, A32.	5.1	33
144	MAGIC observation of the GRB 080430 afterglow. <i>Astronomy and Astrophysics</i> , 2010, 517, A5.	5.1	15

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145	Search for an extended VHE γ -ray emission from Mrk 421 and Mrk 501 with the MAGIC Telescope. <i>Astronomy and Astrophysics</i> , 2010, 524, A77.	5.1	50
146	Simultaneous multi-frequency observation of the unknown redshift blazar PG 1553+113 in March-April 2008. <i>Astronomy and Astrophysics</i> , 2010, 515, A76.	5.1	14
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