

Fabrizio Lucarelli

List of Publications by Year in descending order

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147
papers

7,270
citations

50276

46
h-index

56724

83
g-index

151
all docs

151
docs citations

151
times ranked

4667
citing authors

#	ARTICLE	IF	CITATIONS
1	AGILE Observations of the LIGO-Virgo Gravitational-wave Events of the GWTC-1 Catalog. <i>Astrophysical Journal</i> , 2022, 924, 80.	4.5	6
2	First all-flavor search for transient neutrino emission using 3-years of IceCube DeepCore data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 027.	5.4	6
3	The Second AGILE MCAL Gamma-Ray Burst Catalog: 13 yr of Observations. <i>Astrophysical Journal</i> , 2022, 925, 152.	4.5	8
4	Search for High-energy Neutrinos from Ultraluminous Infrared Galaxies with IceCube. <i>Astrophysical Journal</i> , 2022, 926, 59.	4.5	7
5	Improved Characterization of the Astrophysical Muon neutrino Flux with 9.5 Years of IceCube Data. <i>Astrophysical Journal</i> , 2022, 928, 50.	4.5	67
6	The ASTRI Mini-Array of Cherenkov telescopes at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 52-68.	6.7	17
7	ASTRI Mini-Array core science at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 1-42.	6.7	18
8	AGILE Observations of GRB 220101A: A "New Year's Burst" with an Exceptionally Huge Energy Release. <i>Astrophysical Journal</i> , 2022, 933, 214.	4.5	4
9	Extragalactic observatory science with the ASTRI mini-array at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 91-111.	6.7	4
10	Galactic observatory science with the ASTRI Mini-Array at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 139-175.	6.7	4
11	An X-ray burst from a magnetar enlightening the mechanism of fast radio bursts. <i>Nature Astronomy</i> , 2021, 5, 401-407.	10.1	104
12	Follow-up of Astrophysical Transients in Real Time with the IceCube Neutrino Observatory. <i>Astrophysical Journal</i> , 2021, 910, 4.	4.5	18
13	IceCube-Gen2: the window to the extreme Universe. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021, 48, 060501.	3.6	204
14	A Search for Time-dependent Astrophysical Neutrino Emission with IceCube Data from 2012 to 2017. <i>Astrophysical Journal</i> , 2021, 911, 67.	4.5	9
15	Search for GeV neutrino emission during intense gamma-ray solar flares with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2021, 103, .	4.7	5
16	IceCube high-energy starting event sample: Description and flux characterization with 7.5 years of data. <i>Physical Review D</i> , 2021, 104, .	4.7	142
17	AGILE Observations of Fast Radio Bursts. <i>Astrophysical Journal</i> , 2021, 915, 102.	4.5	11
18	Search for Multi-flare Neutrino Emissions in 10 yr of IceCube Data from a Catalog of Sources. <i>Astrophysical Journal Letters</i> , 2021, 920, L45.	8.3	12

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19	Neutrinos below 100 TeV from the southern sky employing refined veto techniques to IceCube data. <i>Astroparticle Physics</i> , 2020, 116, 102392.	4.3	3
20	Design and performance of the first IceAct demonstrator at the South Pole. <i>Journal of Instrumentation</i> , 2020, 15, T02002-T02002.	1.2	3
21	Constraints on neutrino emission from nearby galaxies using the 2MASS redshift survey and IceCube. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 042-042.	5.4	5
22	Characteristics of the Diffuse Astrophysical Electron and Tau Neutrino Flux with Six Years of IceCube High Energy Cascade Data. <i>Physical Review Letters</i> , 2020, 125, 121104.	7.8	137
23	A Search for IceCube Events in the Direction of ANITA Neutrino Candidates. <i>Astrophysical Journal</i> , 2020, 892, 53.	4.5	20
24	Time-Integrated Neutrino Source Searches with 10 Years of IceCube Data. <i>Physical Review Letters</i> , 2020, 124, 051103.	7.8	221
25	First detection of the Crab Nebula at TeV energies with a Cherenkov telescope in a dual-mirror Schwarzschild-Couder configuration: the ASTRI-Horn telescope. <i>Astronomy and Astrophysics</i> , 2020, 634, A22.	5.1	34
26	A Search for MeV to TeV Neutrinos from Fast Radio Bursts with IceCube. <i>Astrophysical Journal</i> , 2020, 890, 111.	4.5	20
27	A Search for Neutrino Point-source Populations in 7 yr of IceCube Data with Neutrino-count Statistics. <i>Astrophysical Journal</i> , 2020, 893, 102.	4.5	11
28	AGILE Observations of Two Repeating Fast Radio Bursts with Low Intrinsic Dispersion Measures. <i>Astrophysical Journal Letters</i> , 2020, 890, L32.	8.3	20
29	AGILE and Konus-Wind Observations of GRB 190114C: The Remarkable Prompt and Early Afterglow Phases. <i>Astrophysical Journal</i> , 2020, 904, 133.	4.5	10
30	Investigation of Two Fermi-LAT Gamma-Ray Blazars Coincident with High-energy Neutrinos Detected by IceCube. <i>Astrophysical Journal</i> , 2019, 880, 103.	4.5	60
31	Search for transient optical counterparts to high-energy IceCube neutrinos with Pan-STARRS1. <i>Astronomy and Astrophysics</i> , 2019, 626, A117.	5.1	13
32	Search for Sources of Astrophysical Neutrinos Using Seven Years of IceCube Cascade Events. <i>Astrophysical Journal</i> , 2019, 886, 12.	4.5	53
33	AGILE search for gamma-ray counterparts of gravitational wave events. <i>Rendiconti Lincei</i> , 2019, 30, 71-77.	2.2	9
34	Observation of AGILE transient γ -ray sources in coincidence with cosmic neutrino events. <i>Rendiconti Lincei</i> , 2019, 30, 149-154.	2.2	0
35	AGILE γ -ray sources coincident with cosmic neutrino events. <i>EPJ Web of Conferences</i> , 2019, 209, 01026.	0.3	2
36	AGILE Detection of Gamma-Ray Sources Coincident with Cosmic Neutrino Events. <i>Astrophysical Journal</i> , 2019, 870, 136.	4.5	16

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37	Second AGILE catalogue of gamma-ray sources. <i>Astronomy and Astrophysics</i> , 2019, 627, A13.	5.1	24
38	Multi-messenger astronomy with the $\hat{\Gamma}^3$ -ray satellite AGILE: gravitational wave events and ultra-high energy astrophysical neutrinos. <i>Nuclear and Particle Physics Proceedings</i> , 2019, 306-308, 53-60.	0.5	1
39	Observation of inverse Compton emission from a long $\hat{\Gamma}^3$ -ray burst. <i>Nature</i> , 2019, 575, 459-463.	27.8	146
40	AGILE, <i>Fermi</i> , <i>Swift</i> , and GASP/WEBT multi-wavelength observations of the high-redshift blazar 4C +71.07 in outburst. <i>Astronomy and Astrophysics</i> , 2019, 621, A82.	5.1	7
41	The Bright $\hat{\Gamma}^3$ -ray Flare of 3C 279 in 2015 June: AGILE Detection and Multifrequency Follow-up Observations. <i>Astrophysical Journal</i> , 2018, 856, 99.	4.5	20
42	Calibration of AGILE-GRID with On-ground Data and Monte Carlo Simulations. <i>Astrophysical Journal</i> , 2018, 861, 125.	4.5	4
43	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
44	ASTRI data reduction software in the framework of the Cherenkov Telescope Array. , 2018, , .		7
45	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7 $\hat{\alpha}$ 3946. <i>Astrophysical Journal</i> , 2017, 840, 74.	4.5	14
46	AGILE Observations of the Gravitational-wave Source GW170104. <i>Astrophysical Journal Letters</i> , 2017, 847, L20.	8.3	25
47	AGILE Detection of a Candidate Gamma-Ray Precursor to the ICECUBE-160731 Neutrino Event. <i>Astrophysical Journal</i> , 2017, 846, 121.	4.5	31
48	Galactic microquasar transients with AGILE. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
49	AGILE Observations of the Gravitational-wave Source GW170817: Constraining Gamma-Ray Emission from an NS-NS Coalescence. <i>Astrophysical Journal Letters</i> , 2017, 850, L27.	8.3	20
50	ASTRI SST-2M prototype and mini-array simulation chain, data reduction software, and archive in the framework of the Cherenkov Telescope Array. , 2017, , .		1
51	THE GAMMA-RAY SOURCE AGL J2241+4454 AS THE POSSIBLE COUNTERPART OF MWC 656. <i>Astrophysical Journal</i> , 2016, 829, 101.	4.5	12
52	ASTRI SST-2M archive system: a prototype for the Cherenkov Telescope Array. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
53	ASTRI SST-2M prototype and mini-array data reconstruction and scientific analysis software in the framework of the Cherenkov Telescope Array. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
54	The Cherenkov Telescope Array Observatory: top level use cases. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1

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55	AGILE OBSERVATIONS OF THE GRAVITATIONAL-WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 825, L4.	8.3	44
56	Search of MeV–GeV counterparts of TeV sources with AGILE in pointing mode. <i>Astronomy and Astrophysics</i> , 2016, 587, A93.	5.1	5
57	The very high energy source catalog at the ASI Science Data Center. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
58	Software use cases to elicit the software requirements analysis within the ASTRI project. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
59	ON THE ANGULAR RESOLUTION OF THE AGILE GAMMA-RAY IMAGING DETECTOR. <i>Astrophysical Journal</i> , 2015, 809, 60.	4.5	21
60	The Cherenkov Telescope Array potential for the study of young supernova remnants. <i>Astroparticle Physics</i> , 2015, 62, 152-164.	4.3	7
61	THE AGILE ALERT SYSTEM FOR GAMMA-RAY TRANSIENTS. <i>Astrophysical Journal</i> , 2014, 781, 19.	4.5	26
62	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
63	The ASTRI project within Cherenkov Telescope Array: data analysis and archiving. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
64	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013, 42, 7-14.	4.3	28
65	An updated list of AGILE bright γ -ray sources and their variability in pointing mode. <i>Astronomy and Astrophysics</i> , 2013, 558, A137.	5.1	13
66	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
67	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. <i>Astronomy and Astrophysics</i> , 2013, 558, A37.	5.1	14
68	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
69	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
70	AGILE detection of Cygnus X-3 γ -ray active states during the period mid-2009/mid-2010. <i>Astronomy and Astrophysics</i> , 2012, 538, A63.	5.1	29
71	Multi-wavelength Observations of the HBL 1ES 1011+496 in Spring 2008. <i>Journal of Physics: Conference Series</i> , 2012, 355, 012017.	0.4	7
72	The characterization of the distant blazar GB6 J1239+0443 from flaring and low activity periods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2015-2026.	4.4	10

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73	On-ground calibration of AGILE-GRID with a photon beam: results and lessons for the future. Proceedings of SPIE, 2012, , .	0.8	0
74	Upper limits on the high-energy emission from gamma-ray bursts observed by AGILE-GRID. Astronomy and Astrophysics, 2012, 547, A95.	5.1	10
75	High spatial resolution correlation of AGILE TGFs and global lightning activity above the equatorial belt. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	32
76	Discovery of Powerful Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 736-739.	12.6	290
77	Acoustic and optical variations during rapid downward motion episodes in the deep north-western Mediterranean Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2011, 58, 875-884.	1.4	15
78	THE CRAB NEBULA SUPER-FLARE IN 2011 APRIL: EXTREMELY FAST PARTICLE ACCELERATION AND GAMMA-RAY EMISSION. Astrophysical Journal Letters, 2011, 741, L5.	8.3	53
79	Study of the γ -ray source 1AGL J2022+4032 in the Cygnus region. Astronomy and Astrophysics, 2011, 525, A33.	5.1	14
80	NEUTRAL PION EMISSION FROM ACCELERATED PROTONS IN THE SUPERNOVA REMNANT W44. Astrophysical Journal Letters, 2011, 742, L30.	8.3	182
81	THE REMARKABLE γ -RAY ACTIVITY IN THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211. Astrophysical Journal Letters, 2011, 736, L30.	8.3	23
82	THE BRIGHTEST GAMMA-RAY FLARING BLAZAR IN THE SKY: AGILE AND MULTI-WAVELENGTH OBSERVATIONS OF 3C 454.3 DURING 2010 NOVEMBER. Astrophysical Journal Letters, 2011, 736, L38.	8.3	75
83	ANTARES: The first undersea neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 656, 11-38.	1.6	441
84	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. Astroparticle Physics, 2011, 34, 652-662.	4.3	80
85	The NEMO project: A status report. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 626-627, S25-S29.	1.6	19
86	AMADEUS – The acoustic neutrino detection test system of the ANTARES deep-sea neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 626-627, 128-143.	1.6	58
87	Time calibration of the ANTARES neutrino telescope. Astroparticle Physics, 2011, 34, 539-549.	4.3	85
88	Search for a diffuse flux of high-energy γ with the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 16-22.	4.1	59
89	AGILE OBSERVATIONS OF THE “SOFT” GAMMA-RAY PULSAR PSR B1509 – 58. Astrophysical Journal, 2010, 723, 707-712.	4.5	19
90	THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. Astrophysical Journal Letters, 2010, 716, L170-L175.	8.3	52

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91	THE EXTRAORDINARY GAMMA-RAY FLARE OF THE BLAZAR 3C 454.3. <i>Astrophysical Journal</i> , 2010, 718, 455-459.	4.5	40
92	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. <i>Astroparticle Physics</i> , 2010, 34, 179-184.	4.3	53
93	Procedures and results of the measurements on large area photomultipliers for the NEMO project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 614, 206-212.	1.6	16
94	Performance of the front-end electronics of the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 622, 59-73.	1.6	51
95	Gamma-Ray Localization of Terrestrial Gamma-Ray Flashes. <i>Physical Review Letters</i> , 2010, 105, 128501.	7.8	36
96	Recent results and perspectives of the NEMO project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 602, 47-53.	1.6	22
97	Recent achievements of the NEMO project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 588, 111-118.	1.6	50
98	The central pixel of the MAGIC telescope for optical observations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 589, 415-424.	1.6	18
99	The Data Acquisition and Transport Design for NEMO Phase 1. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 233-240.	2.0	20
100	NEMO: A PROJECT FOR A KM3 UNDERWATER DETECTOR FOR ASTROPHYSICAL NEUTRINOS IN THE MEDITERRANEAN SEA. <i>International Journal of Modern Physics A</i> , 2007, 22, 3509-3520.	1.5	11
101	Timing calibration for the NEMO (NEutrino Mediterranean Observatory) prototype. , 2007, , .		0
102	Sensitivity of an underwater \check{A} Eerenkov km3 telescope to TeV neutrinos from Galactic microquasars. <i>Astroparticle Physics</i> , 2007, 28, 1-9.	4.3	20
103	The ANTARES optical beacon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 578, 498-509.	1.6	61
104	Studies of a full-scale mechanical prototype line for the ANTARES neutrino telescope and tests of a prototype instrument for deep-sea acoustic measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 581, 695-708.	1.6	13
105	The data acquisition system for the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 107-116.	1.6	138
106	Variable Very-High-Energy Gamma-Ray Emission from the Microquasar LS I +61 303. <i>Science</i> , 2006, 312, 1771-1773.	12.6	334
107	Status of NEMO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 567, 444-451.	1.6	35
108	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2006, 26, 314-324.	4.3	99

#	ARTICLE	IF	CITATIONS
109	Observation of Very High Energy Gamma-Ray Emission from the Active Galactic Nucleus 1ES 1959+650 Using the MAGIC Telescope. <i>Astrophysical Journal</i> , 2006, 639, 761-765.	4.5	60
110	MAGIC Observations of Very High Energy γ -Rays from HESS J1813-178. <i>Astrophysical Journal</i> , 2006, 637, L41-L44.	4.5	31
111	Observation of Gamma Rays from the Galactic Center with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2006, 638, L101-L104.	4.5	136
112	Discovery of Very High Energy Gamma Rays from 1ES 1218+30.4. <i>Astrophysical Journal</i> , 2006, 642, L119-L122.	4.5	83
113	Observation of VHE Gamma Radiation from HESS J1834-087/W41 with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2006, 643, L53-L56.	4.5	46
114	Flux Upper Limit on Gamma-Ray Emission by GRB 050713a from MAGIC Telescope Observations. <i>Astrophysical Journal</i> , 2006, 641, L9-L12.	4.5	36
115	Testbench to characterize pixels of the Major Atmospheric Gamma-ray Imaging Cherenkov (MAGIC) telescope. <i>Optical Engineering</i> , 2006, 45, 084003.	1.0	2
116	Observations of 14 young open star clusters with the HEGRA system of Cherenkov telescopes. <i>Astronomy and Astrophysics</i> , 2006, 454, 775-779.	5.1	18
117	A simple blue light pulse generator with GaN/SiC light emitting diodes for the time response testing of PMTs. , 2005, , .		1
118	Physics and astrophysics with a ground-based gamma-ray telescope of low energy threshold. <i>Astroparticle Physics</i> , 2005, 23, 493-509.	4.3	10
119	The unidentified TeV source (TeV J2032+4130) and surrounding field: Final HEGRA IACT-System results. <i>Astronomy and Astrophysics</i> , 2005, 431, 197-202.	5.1	103
120	THE TIMING SYSTEM OF THE MAGIC TELESCOPE. <i>International Journal of Modern Physics A</i> , 2005, 20, 7012-7015.	1.5	1
121	Design, modelling, and testing of electro-optical transmitters for the central pixel of the MAGIC telescope camera. , 2005, , .		1
122	TeV gamma-ray observations of SS-433 and a survey of the surrounding field with the HEGRA IACT-System. <i>Astronomy and Astrophysics</i> , 2005, 439, 635-643.	5.1	19
123	The Crab Nebula and Pulsar between 500 GeV and 80 TeV: Observations with the HEGRA Stereoscopic Air Cerenkov Telescopes. <i>Astrophysical Journal</i> , 2004, 614, 897-913.	4.5	221
124	Observations of 54 Active Galactic Nuclei with the HEGRA system of Cherenkov telescopes. <i>Astronomy and Astrophysics</i> , 2004, 421, 529-537.	5.1	60
125	Observation of the Monoceros Loop SNR region with the HEGRA system of IACTs. <i>Astronomy and Astrophysics</i> , 2004, 417, 973-979.	5.1	4
126	The technical performance of the HEGRA system of imaging air Cherenkov telescopes. <i>Astroparticle Physics</i> , 2003, 20, 267-291.	4.3	45

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127	Observations of the Crab Nebula with the HEGRA system of IACTs in convergent mode using a topological trigger. <i>Astroparticle Physics</i> , 2003, 19, 339-350.	4.3	3
128	Detection of TeV gamma-rays from the BL Lac 1ES 1959+650 in its low states and during a major outburst in 2002. <i>Astronomy and Astrophysics</i> , 2003, 406, L9-L13.	5.1	80
129	Observations of H1426+428 with HEGRA. <i>Astronomy and Astrophysics</i> , 2003, 403, 523-528.	5.1	69
130	Is the giant radio galaxy M87 a TeV gamma-ray emitter?. <i>Astronomy and Astrophysics</i> , 2003, 403, L1-L5.	5.1	135
131	TeV ³ -ray light curve and energy spectrum of Mkn 421 during its 2001 flare as measured with HEGRA CT1. <i>Astronomy and Astrophysics</i> , 2003, 410, 813-821.	5.1	32
132	Monte Carlo studies on the sensitivity of the HEGRA imaging atmospheric Cherenkov telescope system in observations of extended gamma-ray sources. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002, 28, 2755-2770.	3.6	5
133	Variations of the TeV energy spectrum at different flux levels of Mkn 421 observed with the HEGRA system of Cherenkov telescopes. <i>Astronomy and Astrophysics</i> , 2002, 393, 89-99.	5.1	105
134	Limits on the TeV flux of diffuse gamma rays as measured with the HEGRA air shower array. <i>Astroparticle Physics</i> , 2002, 17, 459-475.	4.3	16
135	TeV gamma rays from the blazar H1426+428 and the diffuse extragalactic background radiation. <i>Astronomy and Astrophysics</i> , 2002, 384, L23-L26.	5.1	87
136	An unidentified TeV source in the vicinity of Cygnus OB2. <i>Astronomy and Astrophysics</i> , 2002, 393, L37-L40.	5.1	153
137	A search for TeV gamma-ray emission from SNRs, pulsars and unidentified GeV sources in the Galactic plane in the longitude range between -2° and 85° . <i>Astronomy and Astrophysics</i> , 2002, 395, 803-811.	5.1	39
138	A search for gamma-ray emission from the Galactic plane in the longitude range between 37° and 43° . <i>Astronomy and Astrophysics</i> , 2001, 375, 1008-1017.	5.1	41
139	Simultaneous X-ray and TeV Gamma-ray Observation of the TeV Blazar Markarian 421 during 2000 February and May. <i>Astrophysical Journal</i> , 2001, 559, 187-195.	4.5	80
140	The TeV Energy Spectrum of Markarian 501 Measured with the Stereoscopic Telescope System of HEGRA during 1998 and 1999. <i>Astrophysical Journal</i> , 2001, 546, 898-902.	4.5	49
141	Reanalysis of the high energy cutoff of the 1997 Mkn 501 TeV energy spectrum. <i>Astronomy and Astrophysics</i> , 2001, 366, 62-67.	5.1	59
142	Search for a TeV gamma-ray halo of Mkn 501. <i>Astronomy and Astrophysics</i> , 2001, 366, 746-751.	5.1	20
143	Evidence for TeV gamma ray emission from Cassiopeia A. <i>Astronomy and Astrophysics</i> , 2001, 370, 112-120.	5.1	203
144	A study of Tycho's SNR at TeV energies with the HEGRA CT-System. <i>Astronomy and Astrophysics</i> , 2001, 373, 292-300.	5.1	20

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145	Rejection of the Hypothesis That Markarian 501 TeV Photons Are Pure Bose-Einstein Condensates. <i>Astrophysical Journal</i> , 2000, 543, L39-L42.	4.5	9
146	The Energy Spectrum of TeV Gamma Rays from the Crab Nebula as Measured by the HEGRA System of Imaging Air Cerenkov Telescopes. <i>Astrophysical Journal</i> , 2000, 539, 317-324.	4.5	97
147	Multi-Wavelength Observations of the Blazar 1ES1011+496 in Spring 2008. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw710.	4.4	4