Denis Bastieri

List of Publications by Year
in descending order

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389 papers	47,846 citations	967 118 h-index	2142 209 g-index
400 all docs	400 docs citations	400 times ranked	15181 citing authors

#	Article	IF	Citations
1	Exploring Lorentz Invariance Violation from Ultrahigh-Energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	2.9	19
2	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. Science, 2022, 376, 521-523.	6.0	14
3	Incremental Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2022, 260, 53.	3.0	186
4	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. Astrophysical Journal, 2022, 933, 204.	1.6	3
5	Observation of the Crab Nebula with LHAASO-KM2A â˜ a performance study *. Chinese Physics C, 2021, 45, 025002.	1.5	67
6	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	13.7	262
7	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0622</mml:mn><mml:mo>+</mml:mo><mml:mn>3749</mml:mn></mml:mrow></mml:m Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	2.9	73
8	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	1.4	18
9	Petaâ€“electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	6.0	86
10	Discovery of a New Gamma-Ray Source, LHAASO J0341+5258, with Emission up to 200 TeV. Astrophysical Journal Letters, 2021, 917, L4.	3.0	21
11	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	1.2	0
12	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.4	1
13	Fermi Large Area Telescope Performance after 10 Years of Operation. Astrophysical Journal, Supplement Series, 2021, 256, 12.	3.0	30
14	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. Astrophysical Journal, Supplement Series, 2021, 256, 13.	3.0	7
15	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	3.0	28
16	First Fermi-LAT Solar Flare Catalog. Astrophysical Journal, Supplement Series, 2021, 252, 13.	3.0	32
17	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.4	1
18	Gamma Rays from Fast Black-hole Winds. Astrophysical Journal, 2021, 921, 144.	1.6	14

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19	The estimation of Î³-ray Doppler factor forFermi/LAT-detected blazars. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	17
20	Bayesian mixture modelling of the high-energy photon counts collected by the Fermi Large Area Telescope. Statistical Modelling, 2020, , 1471082X2094722.	0.5	0
21	Prospects for a multi-TeV gamma-ray sky survey with the LHAASO water Cherenkov detector array *. Chinese Physics C, 2020, 44, 065001.	1.5	7
22	Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2020, 247, 33.	3.0	817
23	A novel approach for pre-filtering event sources using the von Misesâ€“Fisher distribution. Astrophysics and Space Science, 2020, 365, 1.	0.5	1
24	Radio core dominance of Fermi/LAT-detected AGNs. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	16
25	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. Astrophysical Journal, 2020, 892, 105.	1.6	204
26	The relationship between the radio core-dominance parameter and spectral index in different classes of extragalactic radio sources (III). Research in Astronomy and Astrophysics, 2020, 20, 025.	0.7	14
27	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. Astrophysical Journal, 2020, 890, 9.	1.6	48
28	Beamed and Unbeamed Emission of Î³-Ray Blazars. Publications of the Astronomical Society of the Pacific, 2020, 132, 114102.	1.0	8
29	Sensitivity to Gamma-Ray Bursts of a Nanosatellite MeV Telescope with a Silicon Tracker. Astronomical Journal, 2019, 158, 42.	1.9	1
30	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. Astrophysical Journal, 2019, 883, 33.	1.6	9
31	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. Astrophysical Journal, 2019, 878, 52.	1.6	152
32	The relationship between the radio core-dominance parameter and spectral index in different classes of extragalactic radio sources (II). Research in Astronomy and Astrophysics, 2019, 19, 070.	0.7	26
33	Machine learning on compton event identification for a nano-satellite mission. Experimental Astronomy, 2019, 47, 129-144.	1.6	5
34	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. Astroparticle Physics, 2019, 111, 35-53.	1.9	35
35	Bright Gamma-Ray Flares Observed in GRB 131108A. Astrophysical Journal Letters, 2019, 886, L33.	3.0	6
36	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. Science Advances, 2018, 4, eaao7228.	4.7	20

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37	Probing narrow-line Seyfert 1 galaxies in the southern hemisphere. Astronomy and Astrophysics, 2018, 615, A167.	2.1	30
38	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45.	2.1	32
39	A gamma-ray determination of the Universeâ€™s star formation history. Science, 2018, 362, 1031-1034.	6.0	111
40	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. Physical Review Letters, 2018, 121, 241101.	2.9	20
41	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. Astrophysical Journal, 2018, 866, 24.	1.6	21
42	Fermi-LAT Observations of LIGO/Virgo Event GW170817. Astrophysical Journal, 2018, 861, 85.	1.6	32
43	Investigating the Nature of Late-time High-energy GRB Emission through Joint Fermi/Swift Observations. Astrophysical Journal, 2018, 863, 138.	1.6	16
44	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	2.4	177
45	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	6.0	654
46	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. Astrophysical Journal, Supplement Series, 2018, 237, 32.	3.0	121
47	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. Astrophysical Journal, 2018, 857, 49.	1.6	23
48	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. Astrophysical Journal, 2017, 835, 219.	1.6	53
49	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITORÂAND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. Astrophysical Journal, 2017, 835, 82.	1.6	32
50	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. Astrophysical Journal, 2017, 836, 208.	1.6	70
51	Gamma-Ray Blazars within the First 2 Billion Years. Astrophysical Journal Letters, 2017, 837, L5.	3.0	42
52	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. Astrophysical Journal, 2017, 840, 43.	1.6	264
53	Scientific Performance of a Nano-satellite MeV Telescope. Astronomical Journal, 2017, 153, 237.	1.9	4
54	3FHL: The Third Catalog of Hard Fermi-LAT Sources. Astrophysical Journal, Supplement Series, 2017, 232, 18.	3.0	227

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55	Fermi Observations of the LIGO Event GW170104. Astrophysical Journal Letters, 2017, 846, L5.	3.0	15
56	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. Astrophysical Journal, 2017, 846, 34.	1.6	63
57	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. Astrophysical Journal, 2017, 843, 139.	1.6	70
58	Cosmic-ray electron-positron spectrum from 7ÂGeV to 2ÂTeV with the Fermi Large Area Telescope. Physical Review D, 2017, 95, .	1.6	138
59	Multiwavelength Picture of the Blazar S5 0716+714 during Its Brightest Outburst. Galaxies, 2016, 4, 69.	1.1	1
60	Radio and gamma-ray properties of extragalactic jets from the TANAMI sample. Astronomy and Astrophysics, 2016, 590, A40.	2.1	12
61	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. Astrophysical Journal, Supplement Series, 2016, 224, 8.	3.0	190
62	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.	3.0	313
63	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L2.	3.0	45
64	FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. Astrophysical Journal, 2016, 822, 68.	1.6	5
65	Deep view of the Large Magellanic Cloud with six years ofFermi-LAT observations. Astronomy and Astrophysics, 2016, 586, A71.	2.1	64
66	Resolving the Extragalactic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Background above 50ÂGeV with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 151105.	2.9	130
67	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. Astrophysical Journal, 2016, 826, 1.	1.6	60
68	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	3.0	44
69	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. Physical Review D, 2016, 93, 082001.	1.6	20
70	Search for Spectral Irregularities due to Photonâ€“Axionlike-Particle Oscillations with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 161101.	2.9	151
71	ASTRI SST-2M data reduction and reconstruction software on low-power and parallel architectures. , 2016, , .		0
72	Blazar flaring patterns (B-FlaP) classifying blazar candidate of uncertain type in the thirdFermi-LAT catalogue by artificial neural networks. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3180-3195.	1.6	45

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73	ASTRI SST-2M prototype and mini-array data reconstruction and scientific analysis software in the framework of the Cherenkov Telescope Array. Proceedings of SPIE, 2016, , .	0.8	3
74	MINUTE-TIMESCALE >100 MeV Î³-RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI-LAT IN 2015 JUNE. Astrophysical Journal Letters, 2016, 824, L20.	3.0	167
75	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. Astrophysical Journal, 2016, 819, 149.	1.6	88
76	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. Astrophysical Journal, 2016, 819, 98.	1.6	23
77	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. Astrophysical Journal, 2016, 820, 72.	1.6	3
78	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. Astrophysical Journal, Supplement Series, 2016, 222, 5.	3.0	219
79	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY Î³-RAY EMISSION TOWARD THE GALACTIC CENTER. Astrophysical Journal, 2016, 819, 44.	1.6	301
80	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. Physical Review D, 2015, 91, .	1.6	220
81	Searching for Dark Matter Annihilation from MilkyÂWay Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. Physical Review Letters, 2015, 115, 231301.	2.9	881
82	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. Astrophysical Journal Letters, 2015, 809, L2.	3.0	18
83	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. Science, 2015, 350, 801-805.	6.0	41
84	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2015, 810, 14.	1.6	475
85	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. Astrophysical Journal Letters, 2015, 813, L41.	3.0	144
86	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. Astrophysical Journal, 2015, 812, 159.	1.6	52
87	VERY HIGH ENERGY Î³ -RAYS FROM THE UNIVERSEâ€™S MIDDLE AGE: DETECTION OF THE z = 0.940 BLAZAR PKS 1441+25 WITH MAGIC. Astrophysical Journal Letters, 2015, 815, L23.	3.0	78
88	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830â€“211 OBSERVED BYFermiLAT. Astrophysical Journal, 2015, 799, 143.	1.6	45
89	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100ÂMeV AND 820ÂGeV. Astrophysical Journal, 2015, 799, 86.	1.6	556
90	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2015, 218, 23.	3.0	1,224

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91	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THEFERMILAT. Astrophysical Journal, 2015, 807, 169.	1.6	26
92	The lower limit of the Doppler factor for a Fermi blazar sample. Research in Astronomy and Astrophysics, 2014, 14, 1135-1145.	0.7	50
93	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. Astrophysical Journal, 2014, 787, 18.	1.6	123
94	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4CÂ+21.35 DURING THE 2010 FLARING ACTIVITY. Astrophysical Journal, 2014, 786, 157.	1.6	33
95	A prototype for the real-time analysis of the Cherenkov Telescope Array. Proceedings of SPIE, 2014, , .	0.8	2
96	Many-core applications to online track reconstruction in HEP experiments. Journal of Physics: Conference Series, 2014, 513, 012002.	0.3	0
97	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Observations of Earthâ€™s Limb. Physical Review Letters, 2014, 112, 151103.	2.9	28
98	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OFFERMILARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. Astrophysical Journal, 2014, 787, 15.	1.6	100
99	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. Astrophysical Journal Letters, 2014, 785, L16.	3.0	38
100	Relativistic Beaming Effect in Fermi Blazars. Journal of Astrophysics and Astronomy, 2014, 35, 231-235.	0.4	2
101	Fermi LAT View of a Sample of Flaring Î³-Ray AGNs. Journal of Astrophysics and Astronomy, 2014, 35, 373-378.	0.4	0
102	Fermi establishes classical novae as a distinct class of gamma-ray sources. Science, 2014, 345, 554-558.	6.0	140
103	FERMI LARGE AREA TELESCOPE DETECTION OF GRAVITATIONAL LENS DELAYED Î³-RAY FLARES FROM BLAZAR B0218+357. Astrophysical Journal Letters, 2014, 782, L14.	3.0	49
104	Dark matter constraints from observations of 25 MilkyÂWay satellite galaxies with the Fermi Large Area Telescope. Physical Review D, 2014, 89, .	1.6	360
105	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. Science, 2014, 343, 42-47.	6.0	211
106	FermiLARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. Astrophysical Journal, 2014, 784, 118.	1.6	13
107	THE SPECTRUM AND MORPHOLOGY OF THEFERMIBUBBLES. Astrophysical Journal, 2014, 793, 64.	1.6	239
108	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. Astrophysical Journal, 2014, 789, 20.	1.6	96

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109	The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks. Science, 2014, 343, 51-54.	6.0	55
110	Unusual flaring activity in the blazar PKS 1424â^'418 during 2008â^'2011. Astronomy and Astrophysics, 2014, 569, A40.	2.1	8
111	The ASTRI project within Cherenkov Telescope Array: data analysis and archiving. Proceedings of SPIE, 2014, , .	0.8	0
112	Beaming effect for Fermi/LAT blazars. Proceedings of the International Astronomical Union, 2014, 10, 53-57.	0.0	1
113	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. Physical Review D, 2013, 88, .	1.6	175
114	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE Î³-RAY PULSAR SEEN BY THE Fermi LAT. Astrophysical Journal Letters, 2013, 777, L2.	3.0	62
115	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USINGFERMILARGE AREA TELESCOPE OBSERVATIONS. Astrophysical Journal, 2013, 773, 77.	1.6	94
116	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. Science, 2013, 339, 807-811.	6.0	591
117	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	1.9	504
118	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THEFERMILARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2013, 765, 54.	1.6	66
119	Radio to gamma-ray variability study of blazar S5 0716+714. Astronomy and Astrophysics, 2013, 552, A11.	2.1	83
120	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2013, 208, 17.	3.0	693
121	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. Astrophysical Journal, Supplement Series, 2013, 209, 11.	3.0	232
122	ASSOCIATING LONG-TERM Î³-RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61Â°303. Astrophysical Journal Letters, 2013, 773, L35.	3.0	36
123	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. Astrophysical Journal, Supplement Series, 2013, 209, 34.	3.0	184
124	THEFERMIALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. Astrophysical Journal, 2013, 771, 57.	1.6	47
125	Applications of many-core technologies to on-line event reconstruction in High Energy Physics experiments. , 2013, , .		0
126	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. Astrophysical Journal, 2013, 763, 71.	1.6	75

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127	The simultaneous low state spectral energy distribution of 1ESâ€‰2344+514 from radio to very high energies. Astronomy and Astrophysics, 2013, 556, A67.	2.1	25
128	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. Science, 2012, 338, 1314-1317.	6.0	92
129	DETECTION OF THE Î³-RAY BINARY LS I +61Â°303 IN A LOW-FLUX STATE AT VERY HIGH ENERGY Î³-RAYS WITH THE MAGIC TELESCOPES IN 2009. Astrophysical Journal, 2012, 746, 80.	1.6	14
130	THE 2010 VERY HIGH ENERGY Î³-RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. Astrophysical Journal, 2012, 746, 151.	1.6	145
131	PG 1553+113: FIVE YEARS OF OBSERVATIONS WITH MAGIC. Astrophysical Journal, 2012, 748, 46.	1.6	40
132	DETECTION OF VHE Î³-RAYS FROM HESS J0632+057 DURING THE 2011 FEBRUARY X-RAY OUTBURST WITH THE MAGIC TELESCOPES. Astrophysical Journal Letters, 2012, 754, L10.	3.0	22
133	FERMI LAT view of a sample of flaring gamma-ray AGN. , 2012, , .		0
134	Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. Physical Review Letters, 2012, 108, 011103.	2.9	445
135	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. Science, 2012, 338, 1190-1192.	6.0	207
136	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€“5856. Science, 2012, 335, 189-193.	6.0	74
137	Applications of GPUs to online track reconstruction in HEP experiments. , 2012, , .		2
138	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. Astrophysical Journal, Supplement Series, 2012, 203, 4.	3.0	403
139	MAGIC observations of the giant radio galaxy MÂ87 in a low-emission state between 2005 and 2007. Astronomy and Astrophysics, 2012, 544, A96.	2.1	25
140	Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 012-012.	1.9	3
141	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2012, 755, 164.	1.6	297
142	FERMIOBSERVATIONS OF Î³-RAY EMISSION FROM THE MOON. Astrophysical Journal, 2012, 758, 140.	1.6	19
143	Discovery of VHEÎ³-rays from the blazar 1ESÂ1215+303 with the MAGIC telescopes and simultaneous multi-wavelength observations. Astronomy and Astrophysics, 2012, 544, A142.	2.1	50
144	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2012, 756, 4.	1.6	37

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145	SimultaneousPlanck,Swift, andFermiobservations of X-ray andÎ³-ray selected blazars. Astronomy and Astrophysics, 2012, 541, A160.	2.1	166
146	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITHFERMI-LAT. Astrophysical Journal, 2012, 747, 104.	1.6	45
147	FERMIDETECTION OF Î³-RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. Astrophysical Journal, 2012, 745, 144.	1.6	60
148	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRSTFERMI-LAT CATALOG. Astrophysical Journal, 2012, 753, 83.	1.6	100
149	The cosmic-ray and gas content of the Cygnus region as measured inÎ³-rays by theFermiLarge Area Telescope. Astronomy and Astrophysics, 2012, 538, A71.	2.1	46
150	FERMI-LAT OBSERVATIONS OF THE DIFFUSE Î³-RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. Astrophysical Journal, 2012, 750, 3.	1.6	535
151	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. Astrophysical Journal, 2012, 751, 159.	1.6	54
152	Discovery of VHEÎ³-ray emission from the BL Lacertae object B3 2247+381 with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 539, A118.	2.1	29
153	Detection of very-high energyÎ³-ray emission from NGC 1275 by the MAGIC telescopes. Astronomy and Astrophysics, 2012, 539, L2.	2.1	77
154	SEARCH FOR DARK MATTER SATELLITES USINGFERMI-LAT. Astrophysical Journal, 2012, 747, 121.	1.6	130
155	Publisherâ€™s Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D85, 083007 (2012)]. Physical Review D, 2012, 85, .	1.6	14
156	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. Physical Review D, 2012, 85, .	1.6	87
157	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROMFERMI-LAT DIFFUSE MEASUREMENTS. Astrophysical Journal, 2012, 761, 91.	1.6	186
158	FERMILARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. Astrophysical Journal, 2012, 755, 22.	1.6	52
159	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2012, 199, 31.	3.0	1,079
160	Detection of a flare at Fermi LAT energies during a multiwavelength campaign on Markarian 180. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 692, 272-274.	0.7	0
161	Performance Study of GPUs in Real-Time Trigger Applications for HEP Experiments. Physics Procedia, 2012, 37, 1965-1972.	1.2	3
162	Phase-resolved energy spectra of the Crab pulsar in the range of 50â€“400ÂGeV measured with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 540, A69.	2.1	84

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