

THE LARGE AREA TELESCOPE ON THE *FERMI* GAMMA

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Citation Report

#	ARTICLE	IF	CITATIONS
1	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THE <i>FERMI</i>LARGE AREA TELESCOPE ALL-SKY SURVEY. <i>Astrophysical Journal</i> , 2009, 700, 597-622.	1.6	349
2	AN UP-SCATTERED COCOON EMISSION MODEL OF GAMMA-RAY BURST HIGH-ENERGY LAGS. <i>Astrophysical Journal</i> , 2009, 707, 1404-1416.	1.6	57
3	RADIO DETECTION OF LAT PSRs J1741-2054 AND J2032+4127: NO LONGER JUST GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2009, 705, 1-13.	1.6	107
4	<i>FERMI</i> OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, 1310-1333.	1.6	114
5	HIGH-ENERGY GAMMA-RAY AFTERGLOWS FROM LOW-LUMINOSITY GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2009, 706, 1152-1162.	1.6	16
6	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE <i>FERMI</i>LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 700, 1059-1066.	1.6	44
7	First AGILE catalog of high-confidence gamma-ray sources. <i>Astronomy and Astrophysics</i> , 2009, 506, 1563-1574.	2.1	91
8	Jet opening angles and gamma-ray brightness of AGN. <i>Astronomy and Astrophysics</i> , 2009, 507, L33-L36.	2.1	202
9	IDENTIFICATION OF THE EARLY <i>FERMI</i> /LAT GAMMA-RAY BRIGHT OBJECTS WITH EXTRAGALACTIC VLBI SOURCES. <i>Astrophysical Journal</i> , 2009, 707, L56-L59.	1.6	57
10	SECONDARY RADIATION FROM THE PAMELA/ATIC EXCESS AND RELEVANCE FOR FERMI. <i>Astrophysical Journal</i> , 2009, 699, L59-L63.	1.6	35
11	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE</i>. <i>Astrophysical Journal</i> , 2009, 699, L102-L107.	1.6	34
12	THE BLAZAR SEQUENCE AND THE COSMIC GAMMA-RAY BACKGROUND RADIATION IN THE <i>FERMI</i>ERA. <i>Astrophysical Journal</i> , 2009, 702, 523-536.	1.6	105
13	<i>FERMI</i>/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM A RELATIVISTIC JET IN THE NARROW-LINE QUASAR PMN J0948+0022. <i>Astrophysical Journal</i> , 2009, 699, 976-984.	1.6	161
14	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009, 699, 817-823.	1.6	141
15	<i>FERMI</i>LARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , 2009, 707, 55-60.	1.6	153
16	<i>FERMI</i> OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. <i>Astrophysical Journal</i> , 2009, 707, 580-592.	1.6	56
17	GAMMA-RAY BURST PREDICTIONS FOR THE <i>FERMI</i> GAMMA RAY SPACE TELESCOPE</i>. <i>Astrophysical Journal</i> , 2009, 700, 1026-1033.	1.6	16
18	Dark Matter Interpretation of Recent Electron and Positron Data. <i>Physical Review Letters</i> , 2009, 103, 031103.	2.9	134

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20	Gamma-ray background anisotropy from Galactic dark matter substructure. <i>Physical Review D</i> , 2009, 80, .	1.6	61
21	Fermi Large Area Telescope Measurements of the Diffuse Gamma-Ray Emission at Intermediate Galactic Latitudes. <i>Physical Review Letters</i> , 2009, 103, 251101.	2.9	133
22	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 46-66.	3.0	394
23	<i>FERMI</i>LAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. <i>Astrophysical Journal</i> , 2009, 703, 1249-1256.	1.6	99
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26	FOCUS ON DARK MATTER AND PARTICLE PHYSICS. <i>New Journal of Physics</i> , 2009, 11, 105002.	1.2	22
27	Indirect Dark Matter detection from Dwarf satellites: joint expectations from astrophysics and supersymmetry. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 014-014.	1.9	113
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33	Gamma-ray telescopes. <i>Experimental Astronomy</i> , 2009, 26, 111-122.	1.6	1
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35	Angular distribution for the electron recoil in pair production by linearly polarized - rays on electrons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 611, 84-92.	0.7	11
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44	High energy positrons from annihilating dark matter. <i>Physical Review D</i> , 2009, 80, .	1.6	96
45	Gamma-Ray Bursts in the <i>Swift</i> Era. <i>Annual Review of Astronomy and Astrophysics</i> , 2009, 47, 567-617.	8.1	456
46	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	6.0	190
47	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. <i>Science</i> , 2009, 325, 840-844.	6.0	264
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52	<i>FERMI</i> OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. <i>Astrophysical Journal</i> , 2009, 706, L138-L144.	1.6	364
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56	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009, 707, 727-737.	1.6	81
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542	High-angular-precision <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0002.gif" overflow="scroll"><mml:mi mathvariant="normal"> $\hat{\Gamma}^3</mml:mi><mml:mi mathvariant="normal">-</mml:mi><mml:mi>ray</mml:mi></mml:math> astronomy and polarimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 71-73.$	0.7	4

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1924	Onset Time of the GLE 72 Observed at Neutron Monitors and its Relation to Electromagnetic Emissions. <i>Solar Physics</i> , 2019, 294, 1.	1.0	13
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1927	Two-zone Emission Modeling of PKS 1510-089 during the High State of 2015. <i>Astrophysical Journal</i> , 2019, 883, 137.	1.6	18
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1932	The GeV Emission in the Field of the Star-forming Region W30 Revisited. <i>Astrophysical Journal</i> , 2019, 881, 94.	1.6	4
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1934	Detecting structured sources in noisy images via Minkowski maps. <i>Europhysics Letters</i> , 2019, 128, 60001.	0.7	4
1935	Second AGILE catalogue of gamma-ray sources. <i>Astronomy and Astrophysics</i> , 2019, 627, A13.	2.1	24
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1939	Gamma-ray counterparts of radio astrophysical sources. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 004-004.	1.9	2
1940	A diagnostic of the orbital spectrum of LS 5039 with Fermi-LAT. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 180.	0.7	1
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1943	The beam test of anticoincidence scintillation detector prototype with SiPM readout and perspectives of GRBs studies for space-based gamma-ray telescope GAMMA-400. <i>Journal of Physics: Conference Series</i> , 2019, 1390, 012130.	0.3	1
1944	New method of high-energy gamma ray direction reconstruction in multilayered converters. <i>Journal of Physics: Conference Series</i> , 2019, 1390, 012135.	0.3	0
1945	Development and performance verification of a 3-D position-sensitive Compton camera for imaging MeV gamma rays. <i>Scientific Reports</i> , 2019, 9, 18551.	1.6	12
1946	A cumulative search for hard X-ray emission associated with fast radio bursts in Fermi/GBM data. <i>Astronomy and Astrophysics</i> , 2019, 631, A62.	2.1	16
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1948	A charge sharing study of silicon microstrip detectors with electrical characterization and SPICE simulation. <i>Advances in Space Research</i> , 2019, 64, 2627-2633.	1.2	3

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1950	Characteristic Variability Timescales in the Gamma-Ray Power Spectra of Blazars. <i>Astrophysical Journal</i> , 2019, 885, 12.	1.6	24
1951	An artificial intelligence based approach for constraining the redshift of blazars using $\hat{\gamma}$ -ray observations. <i>Experimental Astronomy</i> , 2019, 48, 297-311.	1.6	4
1952	Breaking a dark degeneracy: The gamma-ray signature of early matter domination. <i>Physical Review D</i> , 2019, 100, .	1.6	26
1953	Searching for the possible signal of the photon-axionlike particle oscillation in the combined GeV and TeV spectra of supernova remnants. <i>Physical Review D</i> , 2019, 100, .	1.6	12
1954	Identifying TeV Source Candidates among Fermi-LAT Unclassified Blazars. <i>Astrophysical Journal</i> , 2019, 887, 104.	1.6	5
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1956	Probing the Pulsar Population of Terzan 5 via Spectral Modeling. <i>Astrophysical Journal</i> , 2019, 880, 53.	1.6	6
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1958	Observation of inverse Compton emission from a long $\hat{\gamma}$ -ray burst. <i>Nature</i> , 2019, 575, 459-463.	13.7	146
1959	Extending the event-weighted pulsation search to very faint gamma-ray sources. <i>Astronomy and Astrophysics</i> , 2019, 622, A108.	2.1	22
1960	Discovery of the Galactic High-mass Gamma-Ray Binary 4FGL J1405.1 $\hat{\gamma}$ 6119. <i>Astrophysical Journal</i> , 2019, 884, 93.	1.6	26
1961	A Search for Gamma-Ray Prompt Emission Associated with the Lorimer Burst FRB 010724. <i>Astrophysical Journal</i> , 2019, 882, 100.	1.6	13
1962	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \hat{\gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -ray emission from dark matter particle interactions from the Andromeda and Triangulum galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2019, 99, .	1.6	23
1963	Decaying dark matter at IceCube and its signature on High Energy gamma experiments. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 046-046.	1.9	23
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1965	Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE $\langle i \rangle \hat{\gamma} \langle /i \rangle$ -ray observations with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2019, 627, A159.	2.1	32
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1968	Lorentz Factor Evolution of an Expanding Jet Shell Observed in a Gamma-Ray Burst: Case Study of GRB 160625B. <i>Astrophysical Journal</i> , 2019, 883, 187.	1.6	2
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1970	Charge measurement of cosmic ray nuclei with the plastic scintillator detector of DAMPE. <i>Astroparticle Physics</i> , 2019, 105, 31-36.	1.9	26
1971	Potential for imaging the inner lobes of Centaurus A using Fermi-LAT data of high directional reconstruction quality. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3444-3447.	1.6	1
1972	Timing analysis and pulse profile of the Vela pulsar in the optical band from Iqueye observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 175-183.	1.6	8
1973	Probing the jets of blazars using the temporal symmetry of their multiwavelength outbursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 743-757.	1.6	13
1974	Multifrequency study of the gamma-ray flaring BL Lacertae object PKS 2233+148 in 2009-2012. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2336-2353.	1.6	18
1975	TeV γ -ray emission from Mrk 421 observed with TACTIC during December 2014-February 2015. <i>New Astronomy</i> , 2019, 67, 67-75.	0.8	2
1976	The Giant Radio Array for Neutrino Detection (GRAND): Science and design. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	2.0	130
1977	Radio VLBA polarization and multiband monitoring of the high-redshift quasar S5+710 during a high-activity period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 858-873.	1.6	4
1978	The characteristics of the coronal mass ejections preceding the associated X-ray and γ -ray burst solar flares. <i>New Astronomy</i> , 2020, 74, 101285.	0.8	3
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1981	A search for Centaurus-like features in the spectra of Fermi-LAT detected radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4666-4679.	1.6	7
1982	Design and testing of a miniature silicon strip detector. <i>Nuclear Science and Techniques/Hewuli</i> , 2020, 31, 1.	1.3	9
1983	TeV-peaked candidate BL Lac objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2771-2778.	1.6	18
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1988	A multiwavelength search for black widow and redback counterparts of candidate γ -ray millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5364-5382.	1.6	4
1989	A hadronic emission model for black hole-disc impacts in the blazar OJ 287. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5424-5436.	1.6	9
1990	Bayesian mixture modelling of the high-energy photon counts collected by the Fermi Large Area Telescope. <i>Statistical Modelling</i> , 2020, , 1471082X2094722.	0.5	0
1991	Multiwavelength study of different flaring and low-activity states of blazar 4C+21.35. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1127-1138.	1.6	10
1992	Modelling the broadband emission from the white dwarf binary system AR Scorpii. <i>Astroparticle Physics</i> , 2020, 123, 102488.	1.9	6
1993	A possible γ -ray quasi-periodic oscillation of $\sim 1/4314$ days in the blazar OJ 287. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 653-658.	1.6	25
1994	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	8.2	447
1995	Real-Time Seismic Damage Prediction and Comparison of Various Ground Motion Intensity Measures Based on Machine Learning. <i>Journal of Earthquake Engineering</i> , 2022, 26, 4259-4279.	1.4	37
1996	A compact X-ray emitting binary in likely association with 4FGL J0935.3+0901. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4845-4851.	1.6	11
1997	The Multiwavelength Counterparts of Fast Radio Bursts. <i>Astrophysical Journal</i> , 2020, 897, 146.	1.6	26
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1999	Morphological and Spectral Study of 4FGL J1115.1-6118 in the Region of the Young Massive Stellar Cluster NGC 3603. <i>Astrophysical Journal</i> , 2020, 897, 131.	1.6	12
2000	Neutrino emission from an off-axis jet driven by the tidal disruption event AT2019dsg. <i>Physical Review D</i> , 2020, 102, .	1.6	22
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2008	Effective $\langle \sigma \rangle$ factors for Milky Way dwarf spheroidal galaxies with velocity-dependent annihilation. <i>Physical Review D</i> , 2020, 102, .	1.6	18
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2012	High precision cosmic ray physics with AMS-02 on the International Space Station. <i>Rivista Del Nuovo Cimento</i> , 2020, 43, 319-384.	2.0	4
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2016	Search for the imprint of axion-like particles in the highest-energy photons of hard $\hat{\gamma}$ -ray blazars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 027-027.	1.9	17
2017	Correlation between optical and $\hat{\gamma}$ -ray flux variations in bright flat spectrum radio quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5128-5148.	1.6	15
2018	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.	1.6	3
2019	X-ray and Gamma-ray Variability of NGC 1275. <i>Galaxies</i> , 2020, 8, 63.	1.1	1
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2052	Gamma-ray and optical properties of the flat spectrum radio quasar 3C 279 flare in June 2015. <i>Journal of High Energy Astrophysics</i> , 2020, 26, 65-76.	2.4	3
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2059	Efficient Fermi source identification with machine learning methods. <i>Astronomy and Computing</i> , 2020, 32, 100387.	0.8	9
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2061	Searching for Quasiperiodic Modulations in γ -Ray Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2020, 891, 163.	1.6	18
2062	A Multi-Wavelength View of OJ 287 Activity in 2015–2017: Implications of Spectral Changes on Central-Engine Models and MeV-GeV Emission Mechanism. <i>Galaxies</i> , 2020, 8, 15.	1.1	15
2063	Swift Observations of Mrk 421 in Selected Epochs. III. Extreme X-Ray Timing/Spectral Properties and Multiwavelength Lognormality during 2015 December–2018 April. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 27.	3.0	18
2064	A global analysis of dark matter signals from 27 dwarf spheroidal galaxies using 11 years of Fermi-LAT observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 012-012.	1.9	74
2065	G279.0+1.1: a new extended source of high-energy gamma-rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5980-5986.	1.6	5
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2067	The Nature of γ -Ray Variability in Blazars. <i>Astrophysical Journal</i> , 2020, 891, 120.	1.6	50
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2070	Multi-epoch Modeling of TXS 0506+056 and Implications for Long-term High-energy Neutrino Emission. <i>Astrophysical Journal</i> , 2020, 891, 115.	1.6	53
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