

Melissa Pesce-Rollins

List of Publications by Year in descending order

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Version: 2024-02-01

234
papers

36,983
citations

2091

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3343

190
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241
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241
docs citations

241
times ranked

14483
citing authors

#	ARTICLE	IF	CITATIONS
1	The high-energy Sun - probing the origins of particle acceleration on our nearest star. <i>Experimental Astronomy</i> , 2022, 54, 335-360.	1.6	3
2	A Weighted Analysis to Improve the X-Ray Polarization Sensitivity of the Imaging X-ray Polarimetry Explorer. <i>Astronomical Journal</i> , 2022, 163, 170.	1.9	38
3	The Coupling of an EUV Coronal Wave and Ion Acceleration in a Fermi-LAT Behind-the-Limb Solar Flare. <i>Astrophysical Journal</i> , 2022, 929, 172.	1.6	6
4	Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53.	3.0	186
5	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. <i>Astrophysical Journal</i> , 2022, 933, 204.	1.6	3
6	Multiple Sources of Solar High-energy Protons. <i>Astrophysical Journal</i> , 2021, 915, 12.	1.6	19
7	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12.	3.0	30
8	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 13.	3.0	7
9	Design, construction, and test of the Gas Pixel Detectors for the IXPE mission. <i>Astroparticle Physics</i> , 2021, 133, 102628.	1.9	67
10	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 13.	3.0	32
11	The Instrument of the Imaging X-Ray Polarimetry Explorer. <i>Astronomical Journal</i> , 2021, 162, 208.	1.9	68
12	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021, 921, 144.	1.6	14
13	<i>Fermi</i> Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 33.	3.0	817
14	Interplanetary Protons versus Interacting Protons in the 2017 September 10 Solar Eruptive Event. <i>Astrophysical Journal</i> , 2020, 890, 13.	1.6	18
15	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105.	1.6	204
16	The Imaging X-ray Polarimetry Explorer (IXPE): technical overview III. , 2020, , .		9
17	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. <i>Astrophysical Journal</i> , 2020, 890, 9.	1.6	48
18	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019, 883, 33.	1.6	9

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19	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52.	1.6	152
20	The Imaging X-Ray Polarimetry Explorer (IXPE): technical overview II. , 2019, , .		8
21	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228.	4.7	20
22	Probing the Puzzle of Behind-the-limb $\hat{1}^3$ -Ray Flares: Data-driven Simulations of Magnetic Connectivity and CME-driven Shock Evolution. <i>Astrophysical Journal</i> , 2018, 867, 122.	1.6	33
23	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018, 121, 241101.	2.9	20
24	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018, 866, 24.	1.6	21
25	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85.	1.6	32
26	Investigating the Nature of Late-time High-energy GRB Emission through Joint Fermi/Swift Observations. <i>Astrophysical Journal</i> , 2018, 863, 138.	1.6	16
27	Fermi-LAT Observations of the 2017 September 10 Solar Flare. <i>Astrophysical Journal Letters</i> , 2018, 865, L7.	3.0	52
28	A Statistical Study to Determine the Origin of Long-duration Gamma-Ray Flares. <i>Astrophysical Journal</i> , 2018, 864, 39.	1.6	18
29	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	6.0	654
30	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 32.	3.0	121
31	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2018, 857, 49.	1.6	23
32	The Imaging X-ray Polarimetry Explorer (IXPE): technical overview. , 2018, , .		13
33	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017, 835, 219.	1.6	53
34	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITOR AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017, 835, 82.	1.6	32
35	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5.	3.0	42
36	Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2017, 118, 091103.	2.9	38

#	ARTICLE	IF	CITATIONS
37	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017, 840, 43.	1.6	264
38	3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 18.	3.0	227
39	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5.	3.0	15
40	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017, 846, 34.	1.6	63
41	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. <i>Astrophysical Journal</i> , 2017, 843, 139.	1.6	70
42	Theoretical Interpretation of Pass 8 Fermi-LAT e^+e^- Data. <i>Astrophysical Journal</i> , 2017, 845, 107.	1.6	13
43	Cosmic-ray electron-positron spectrum from 7 GeV to 2 TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017, 95, .	1.6	138
44	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8.	3.0	190
45	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 26.	3.0	313
46	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L2.	3.0	45
47	FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016, 822, 68.	1.6	5
48	Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , 2016, 586, A71.	2.1	64
49	Resolving the Extragalactic γ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 151105.	2.9	130
50	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , 2016, 826, 1.	1.6	60
51	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2016, 93, 082001.	1.6	20
52	Search for Spectral Irregularities due to Photon Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 161101.	2.9	151
53	Performance of the Gas Pixel Detector: an x-ray imaging polarimeter for upcoming missions of astrophysics. <i>Proceedings of SPIE</i> , 2016, , .	0.8	8
54	MINUTE-TIMESCALE >100 MeV γ -RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI-LAT IN 2015 JUNE. <i>Astrophysical Journal Letters</i> , 2016, 824, L20.	3.0	167

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55	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. <i>Astrophysical Journal</i> , 2016, 819, 149.	1.6	88
56	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016, 819, 98.	1.6	23
57	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016, 820, 72.	1.6	3
58	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 5.	3.0	219
59	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44.	1.6	301
60	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. <i>Physical Review D</i> , 2015, 91, .	1.6	220
61	Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2015, 115, 231301.	2.9	881
62	Fermi Large Area Telescope observation of high-energy solar flares: constraining emission scenarios. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 51-56.	0.0	0
63	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015, 809, L2.	3.0	18
64	FIRST DETECTION OF >100 MeV GAMMA-RAYS ASSOCIATED WITH A BEHIND-THE-LIMB SOLAR FLARE. <i>Astrophysical Journal Letters</i> , 2015, 805, L15.	3.0	52
65	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015, 350, 801-805.	6.0	41
66	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015, 810, 14.	1.6	475
67	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , 2015, 813, L41.	3.0	144
68	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 812, 159.	1.6	52
69	VERY HIGH ENERGY γ -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.	3.0	78
70	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211 OBSERVED BY FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 799, 143.	1.6	45
71	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015, 799, 86.	1.6	556
72	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 807, 169.	1.6	26

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73	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	1.6	123
74	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	1.6	33
75	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope γ -Ray Observations of Earth's Limb. <i>Physical Review Letters</i> , 2014, 112, 151103.	2.9	28
76	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF <i>FERMI</i> LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014, 787, 15.	1.6	100
77	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
78	THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64.	1.6	239
79	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. <i>Astrophysical Journal</i> , 2014, 789, 20.	1.6	96
80	The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks. <i>Science</i> , 2014, 343, 51-54.	6.0	55
81	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013, 88, .	1.6	175
82	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE γ -RAY PULSAR SEEN BY THE <i>Fermi</i> LAT. <i>Astrophysical Journal Letters</i> , 2013, 777, L2.	3.0	62
83	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.	1.6	94
84	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811.	6.0	591
85	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE <i>FERMI</i> LARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013, 765, 54.	1.6	66
86	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , Supplement Series, 2013, 208, 17.	3.0	693
87	THE FIRST <i>FERMI</i> -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 11.	3.0	232
88	ASSOCIATING LONG-TERM γ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 α 303. <i>Astrophysical Journal Letters</i> , 2013, 773, L35.	3.0	36
89	THE FIRST <i>FERMI</i> -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 34.	3.0	184
90	NEW <i>FERMI</i> -LAT EVENT RECONSTRUCTION REVEALS MORE HIGH-ENERGY GAMMA RAYS FROM GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2013, 774, 76.	1.6	56

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91	THE <i>FERMI</i> ALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. <i>Astrophysical Journal</i> , 2013, 771, 57.	1.6	47
92	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013, 763, 71.	1.6	75
93	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. <i>Physical Review D</i> , 2012, 86, .	1.6	175
94	Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2012, 108, 011103.	2.9	445
95	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. <i>Science</i> , 2012, 338, 1190-1192.	6.0	207
96	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€“5856. <i>Science</i> , 2012, 335, 189-193.	6.0	74
97	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 4.	3.0	403
98	Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 012-012.	1.9	3
99	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164.	1.6	297
100	<i>FERMI</i> OBSERVATIONS OF $\hat{\gamma}$ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012, 758, 140.	1.6	19
101	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 756, 4.	1.6	37
102	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012, 757, L31.	3.0	152
103	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH <i>FERMI</i> -LAT. <i>Astrophysical Journal</i> , 2012, 747, 104.	1.6	45
104	<i>FERMI</i> DETECTION OF $\hat{\gamma}$ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012, 745, 144.	1.6	60
105	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST <i>FERMI</i> -LAT CATALOG. <i>Astrophysical Journal</i> , 2012, 753, 83.	1.6	100
106	The cosmic-ray and gas content of the Cygnus region as measured in $\hat{\gamma}$ -rays by the <i>Fermi</i> Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2012, 538, A71.	2.1	46
107	<i>FERMI</i> -LAT OBSERVATIONS OF THE DIFFUSE $\hat{\gamma}$ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012, 750, 3.	1.6	535
108	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	1.6	54

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109	Publisher'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
110	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH <i>FERMI</i> . Astrophysical Journal, 2012, 754, 121.	1.6	14
111	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. Physical Review D, 2012, 85, .	1.6	87
112	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM <i>FERMI</i> -LAT DIFFUSE MEASUREMENTS. Astrophysical Journal, 2012, 761, 91.	1.6	186
113	<i>FERMI</i> LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. Astrophysical Journal, 2012, 755, 22.	1.6	52
114	<i>FERMI</i> LARGE AREA TELESCOPE SECOND SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2012, 199, 31.	3.0	1,079
115	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7 α 0.1. Astrophysical Journal, 2012, 744, 80.	1.6	48
116	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. Astroparticle Physics, 2012, 35, 346-353.	1.9	27
117	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. Physical Review D, 2011, 84, .	1.6	29
118	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. Astrophysical Journal Letters, 2011, 734, L27.	3.0	34
119	RADIO AND $\hat{\gamma}$ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. Astrophysical Journal, 2011, 728, 77.	1.6	9
120	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7 α 3946 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. Astrophysical Journal, 2011, 734, 28.	1.6	209
121	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259 α 63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i> . Astrophysical Journal Letters, 2011, 736, L11.	3.0	130
122	<i>FERMI</i> -LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. Astrophysical Journal, 2011, 726, 35.	1.6	60
123	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE <i>FERMI</i> LARGE AREA TELESCOPE. Astrophysical Journal, 2011, 741, 30.	1.6	113
124	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. Astrophysical Journal, 2011, 726, 43.	1.6	70
125	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM <i>FERMI</i> $\hat{\gamma}$ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. Astrophysical Journal, 2011, 726, 81.	1.6	96
126	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. Astrophysical Journal, 2011, 734, 116.	1.6	98

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127	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011, 729, 114.	1.6	179
128	THE FIRST <i>FERMI</i> MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , 2011, 730, 101.	1.6	52
129	<i>FERMI</i> <i>GAMMA-RAY SPACE TELESCOPE</i> OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. <i>Astrophysical Journal Letters</i> , 2011, 733, L26.	3.0	170
130	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. <i>Science</i> , 2011, 334, 1103-1107.	6.0	217
131	The Fermi Large Area Telescope as a cosmic-ray electron detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 40-47.	0.7	0
132	Possible interpretations of the high energy cosmic ray electron spectrum measured with the Fermi space telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 48-51.	0.7	4
133	INSIGHTS INTO THE HIGH-ENERGY $\hat{\gamma}$ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>FERMI</i> ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	1.6	185
134	<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.	1.6	261
135	Constraining Dark Matter Models from a Combined Analysis of Milky Way Satellites with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2011, 107, 241302.	2.9	465
136	Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 739-742.	6.0	297
137	Fermi Detection of a Luminous $\hat{\gamma}$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	6.0	65
138	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 743, 171.	1.6	525
139	THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 460-494.	3.0	396
140	Observations of the Large Magellanic Cloud with <i>Fermi</i> . <i>Astronomy and Astrophysics</i> , 2010, 512, A7.	2.1	106
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