

Francesco Loparco

List of Publications by Year in descending order

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324
papers

41,095
citations

1377

111
h-index

2750

198
g-index

331
all docs

331
docs citations

331
times ranked

15167
citing authors

#	ARTICLE	IF	CITATIONS
1	THE LARGE AREA TELESCOPE ON THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE MISSION. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102.	1.6	3,048
2	<i>FERMI</i> LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 23.	3.0	1,224
3	<i>FERMI</i> LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 31.	3.0	1,079
4	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
5	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2010, 188, 405-436.	3.0	851
6	<i>Fermi</i> Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 33.	3.0	817
7	Measurement of the Cosmic Ray e^+ from 20 GeV to 1 TeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2009, 102, 181101.	2.9	774
8	THE SPECTRAL ENERGY DISTRIBUTION OF <i>FERMI</i> BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70.	1.6	741
9	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17.	3.0	693
10	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	6.0	654
11	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811.	6.0	591
12	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015, 799, 86.	1.6	556
13	<i>FERMI</i> -LAT OBSERVATIONS OF THE DIFFUSE γ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012, 750, 3.	1.6	535
14	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
15	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. <i>Science</i> , 2009, 323, 1688-1693.	6.0	523
16	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015, 810, 14.	1.6	475
17	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
18	A limit on the variation of the speed of light arising from quantum gravity effects. <i>Nature</i> , 2009, 462, 331-334.	13.7	454

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19	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
20	Spectrum of the Isotropic Diffuse Gamma-Ray Emission Derived from First-Year Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2010, 104, 101101.	2.9	433
21	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 715, 429-457.	1.6	415
22	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal</i> , Supplement Series, 2012, 203, 4.	3.0	403
23	THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , Supplement Series, 2010, 187, 460-494.	3.0	396
24	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal</i> , Supplement Series, 2009, 183, 46-66.	3.0	394
25	<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
26	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014, 89, .	1.6	360
27	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
28	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. <i>Astrophysical Journal</i> , Supplement Series, 2016, 223, 26.	3.0	313
29	<i>FERMI</i> OBSERVATIONS OF GRB 090510: A SHORT-HARD GAMMA-RAY BURST WITH AN ADDITIONAL, HARD POWER-LAW COMPONENT FROM 10 keV TO GeV ENERGIES. <i>Astrophysical Journal</i> , 2010, 716, 1178-1190.	1.6	306
30	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44.	1.6	301
31	Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 739-742.	6.0	297
32	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164.	1.6	297
33	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT <i>FERMI</i>-DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2010, 722, 520-542.	1.6	292
34	Fermi LAT observations of cosmic-ray electrons from 70 GeV to 1 TeV. <i>Physical Review D</i> , 2010, 82, .	1.6	276
35	A change in the optical polarization associated with a γ -ray flare in the blazar 3C 279. <i>Nature</i> , 2010, 463, 919-923.	13.7	269
36	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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37	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017, 840, 43.	1.6	264
38	<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
39	OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL GALAXIES WITH THE <i>FERMI</i>-LARGE AREA TELESCOPE DETECTOR AND CONSTRAINTS ON DARK MATTER MODELS. <i>Astrophysical Journal</i> , 2010, 712, 147-158.	1.6	243
40	THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64.	1.6	239
41	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. <i>Astrophysical Journal</i> , 2010, 708, 1254-1267.	1.6	237
42	THE FIRST <i>FERMI</i> -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 11.	3.0	232
43	RADIO-LOUD NARROW-LINE SEYFERT 1 AS A NEW CLASS OF GAMMA-RAY ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, L142-L147.	1.6	230
44	3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal</i> , Supplement Series, 2017, 232, 18.	3.0	227
45	Gamma-Ray Emission from the Shell of Supernova Remnant W44 Revealed by the Fermi LAT. <i>Science</i> , 2010, 327, 1103-1106.	6.0	220
46	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
47	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal</i> , Supplement Series, 2016, 222, 5.	3.0	219
48	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. <i>Science</i> , 2011, 334, 1103-1107.	6.0	217
49	<i>FERMI</i> LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. <i>Astrophysical Journal</i> , 2009, 706, L1-L6.	1.6	216
50	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
51	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7â€“3946 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 734, 28.	1.6	209
52	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. <i>Science</i> , 2012, 338, 1190-1192.	6.0	207
53	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105.	1.6	204
54	OBSERVATION OF SUPERNOVA REMNANT ICÂ443 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 712, 459-468.	1.6	203

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55	Modulated High-Energy Gamma-Ray Emission from the Microquasar Cygnus X-3. <i>Science</i> , 2009, 326, 1512-1516.	6.0	193
56	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	6.0	190
57	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8.	3.0	190
58	Fermi Gamma-Ray Imaging of a Radio Galaxy. <i>Science</i> , 2010, 328, 725-729.	6.0	187
59	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM <i>FERMI</i> -LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012, 761, 91.	1.6	186
60	Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53.	3.0	186
61	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.	1.6	185
62	The DArk Matter Particle Explorer mission. <i>Astroparticle Physics</i> , 2017, 95, 6-24.	1.9	185
63	THE FIRST <i>FERMI</i> -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 34.	3.0	184
64	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.4 $\hat{=}$ 0.1). <i>Astrophysical Journal</i> , 2010, 718, 348-356.	1.6	180
65	THE <i>FERMI</i> -LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. <i>Astrophysical Journal</i> , 2010, 720, 435-453.	1.6	179
66	DETECTION OF GAMMA-RAY EMISSION FROM THE STARBURST GALAXIES M82 AND NGC 253 WITH THE LARGE AREA TELESCOPE ON <i>FERMI</i> . <i>Astrophysical Journal Letters</i> , 2010, 709, L152-L157.	3.0	179
67	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011, 729, 114.	1.6	179
68	Science with e-ASTROGAM. <i>Journal of High Energy Astrophysics</i> , 2018, 19, 1-106.	2.4	177
69	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
70	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
71	<i>FERMI</i> OBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. <i>Astrophysical Journal</i> , 2010, 710, 133-149.	1.6	172
72	<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

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73	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
74	SPECTRAL PROPERTIES OF BRIGHT <i>FERMI</i> -DETECTED BLAZARS IN THE GAMMA-RAY BAND. <i>Astrophysical Journal</i> , 2010, 710, 1271-1285.	1.6	166
75	Fermi Large Area Telescope Search for Photon Lines from 30 to 200 GeV and Dark Matter Implications. <i>Physical Review Letters</i> , 2010, 104, 091302.	2.9	166
76	<i>FERMI</i> DISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009, 699, 31-39.	1.6	165
77	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. <i>Science</i> , 2010, 329, 817-821.	6.0	165
78	<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
79	Final results of magnetic monopole searches with the MACRO experiment. <i>European Physical Journal C</i> , 2002, 25, 511-522.	1.4	158
80	<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
81	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012, 757, L31.	3.0	152
82	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52.	1.6	152
83	Matter effects in upward-going muons and sterile neutrino oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 517, 59-66.	1.5	151
84	Search for Spectral Irregularities due to Photon \leftrightarrow Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 161101.	2.9	151
85	<i>FERMI</i> -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. <i>Astrophysical Journal Letters</i> , 2010, 710, L92-L97.	3.0	149
86	<i>FERMI</i> /LARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 720, 912-922.	1.6	148
87	Constraints on dark matter annihilation in clusters of galaxies with the Fermi large area telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 025-025.	1.9	145
88	SIMULTANEOUS OBSERVATIONS OF PKS 2155+304 WITH HESS, <i>FERMI</i> , <i>RXTE</i> , AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. <i>Astrophysical Journal</i> , 2009, 696, L150-L155.	1.6	144
89	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
90	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009, 699, 817-823.	1.6	141

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91	<i>FERMI</i> LARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. <i>Astrophysical Journal</i> , 2010, 719, 1433-1444.	1.6	141
92	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , 2010, 717, L71-L78.	3.0	140
93	Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014, 345, 554-558.	6.0	140
94	Cosmic-ray electron-positron spectrum from 7ÂGeV to 2ÂTeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017, 95, .	1.6	138
95	<i>FERMI GAMMA-RAY SPACE TELESCOPE</i> OBSERVATIONS OF GAMMA-RAY OUTBURSTS FROM 3C 454.3 IN 2009 DECEMBER AND 2010 APRIL. <i>Astrophysical Journal</i> , 2010, 721, 1383-1396.	1.6	134
96	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
97	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH <i>FERMI</i> -LAT DATA. <i>Astrophysical Journal Letters</i> , 2015, 809, L4.	3.0	131
98	<i>SWIFT</i> AND <i>FERMI</i> OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. <i>Astrophysical Journal Letters</i> , 2010, 709, L146-L151.	3.0	130
99	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259â€“63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i>. <i>Astrophysical Journal Letters</i> , 2011, 736, L11.	3.0	130
100	SEARCH FOR DARK MATTER SATELLITES USING<i>FERMI</i>-LAT. <i>Astrophysical Journal</i> , 2012, 747, 121.	1.6	130
101	Resolving the Extragalactic<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></math>-Ray Background above 50ÂGeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 151105.	2.9	130
102	A population of gamma-ray emitting globular clusters seen with the<i>Fermi</i>Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2010, 524, A75.	2.1	129
103	Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 014-014.	1.9	129
104	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 193-219.	1.9	123
105	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	1.6	123
106	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
107	Measurement of the cosmic ray proton spectrum from 40 GeV to 100 TeV with the DAMPE satellite. <i>Science Advances</i> , 2019, 5, eaax3793.	4.7	121
108	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	1.6	120

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109	<i>FERMI</i> LAT OBSERVATIONS OF LS I +61°303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. <i>Astrophysical Journal</i> , 2009, 701, L123-L128.	1.6	119
110	<i>FERMI</i> /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009, 706, L56-L61.	1.6	119
111	<i>FERMI</i> OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, 1310-1333.	1.6	114
112	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 741, 30.	1.6	113
113	Observations of the Large Magellanic Cloud with <i>Fermi</i>. <i>Astronomy and Astrophysics</i> , 2010, 512, A7.	2.1	106
114	<i>FERMI</i> LARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2010, 723, 1082-1096.	1.6	106
115	Ë³-RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011, 742, 27.	1.6	101
116	Measurements of atmospheric muon neutrino oscillations, global analysis of the data collected with MACRO detector. <i>European Physical Journal C</i> , 2004, 36, 323-339.	1.4	100
117	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
118	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
119	<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
120	<i>FERMI</i> LARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. <i>Astrophysical Journal</i> , 2010, 721, 1425-1447.	1.6	99
121	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , 2011, 734, 116.	1.6	98
122	Atmospheric neutrino oscillations from upward throughgoing muon multiple scattering in MACRO. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 566, 35-44.	1.5	97
123	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OF <i>FERMI</i> LAT OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 713, 154-165.	1.6	96
124	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM <i>FERMI</i> Ë³-RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , 2011, 726, 81.	1.6	96
125	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
126	<i>Fermi</i> Large Area Telescope observations of Local Group galaxies: detection of Mâ€™%31 and search for Mâ€™%33. <i>Astronomy and Astrophysics</i> , 2010, 523, L2.	2.1	94

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127	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
128	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. <i>Science</i> , 2012, 338, 1314-1317.	6.0	92
129	<i>FERMI</i> -LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. <i>Astrophysical Journal</i> , 2010, 722, 1303-1311.	1.6	89
130	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF <i>FERMI</i> -LAT DATA. <i>Astrophysical Journal</i> , 2016, 819, 149.	1.6	88
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