Riccardo Rando

List of Publications by Year
in descending order

276 papers	39,296 citations	1536 106 h-index	2509 196 g-index
282 all docs	282 docs citations	282 times ranked	14345 citing authors

#	Article	IF	Citations
1	THE LARGE AREA TELESCOPE ON THEFERMI GAMMA-RAY SPACE TELESCOPEMISSION. Astrophysical Journal, 2009, 697, 1071-1102.	4.5	3,048
2	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2015, 218, 23.	7.7	1,224
3	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2012, 199, 31.	7.7	1,079
4	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.	7.8	881
5	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2010, 188, 405-436.	7.7	851
6	Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2020, 247, 33.	7.7	817
7	Measurement of the Cosmic Ray<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo>+</mml:mo><mml:msup><mml:mi> from 20ÂGeV to 1ÂTeV with the Fermi Large Area Telescope. Physical Review Letters, 2009, 102, 181101.	7.8	774
8	THE SPECTRAL ENERGY DISTRIBUTION OFFERMIBRIGHT BLAZARS. Astrophysical Journal, 2010, 716, 30-70.	4.5	741
9	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2013, 208, 17.	7.7	693
10	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	12.6	654
11	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316.	3.7	640
12	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. Science, 2013, 339, 807-811.	12.6	591
13	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100ÂMeV AND 820ÂGeV. Astrophysical Journal, 2015, 799, 86.	4.5	556
14	FERMI-LAT OBSERVATIONS OF THE DIFFUSE Î³-RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. Astrophysical Journal, 2012, 750, 3.	4.5	535
15	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2011, 743, 171.	4.5	525
16	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. Science, 2009, 323, 1688-1693.	12.6	523
17	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504
18	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2015, 810, 14.	4.5	475

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19	A limit on the variation of the speed of light arising from quantum gravity effects. Nature, 2009, 462, 331-334.	27.8	454
20	Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. Physical Review Letters, 2012, 108, 011103.	7.8	445
21	Spectrum of the Isotropic Diffuse Gamma-Ray Emission Derived from First-Year Fermi Large Area Telescope Data. Physical Review Letters, 2010, 104, 101101.	7.8	433
22	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2010, 715, 429-457.	4.5	415
23	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. Astrophysical Journal, Supplement Series, 2012, 203, 4.	7.7	403
24	THE FIRST FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2010, 187, 460-494.	7.7	396
25	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. Astrophysical Journal, Supplement Series, 2009, 183, 46-66.	7.7	394
26	FERMI OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. Astrophysical Journal, 2009, 706, L138-L144.	4.5	364
27	Dark matter constraints from observations of 25 MilkyÂWay satellite galaxies with the Fermi Large Area Telescope. Physical Review D, 2014, 89, .	4.7	360
28	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THEFERMILARGE AREA TELESCOPE ALL-SKY SURVEY. Astrophysical Journal, 2009, 700, 597-622.	4.5	349
29	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.	7.7	313
30	FERMIOBSERVATIONS OF GRB 090510: A SHORT-HARD GAMMA-RAY BURST WITH AN ADDITIONAL, HARD POWER-LAW COMPONENT FROM 10 keV TO GeV ENERGIES. Astrophysical Journal, 2010, 716, 1178-1190.	4.5	306
31	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY Î³-RAY EMISSION TOWARD THE GALACTIC CENTER. Astrophysical Journal, 2016, 819, 44.	4.5	301
32	Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 739-742.	12.6	297
33	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2012, 755, 164.	4.5	297
34	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHTFERMI-DETECTED BLAZARS. Astrophysical Journal, 2010, 722, 520-542.	4.5	292
35	Fermi LAT observations of cosmic-ray electrons from 7ÂGeV to 1ÂTeV. Physical Review D, 2010, 82, .	4.7	276
36	A change in the optical polarization associated with a Î³-ray flare in the blazar 3Câ€‰279. Nature, 2010, 463, 919-923.	27.8	269

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37	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. Science, 2009, 325, 840-844.	12.6	264
38	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. Astrophysical Journal, 2017, 840, 43.	4.5	264
39	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. Astrophysical Journal, 2011, 736, 131.	4.5	261
40	OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL GALAXIES WITH THEFERMI-LARGE AREA TELESCOPE DETECTOR AND CONSTRAINTS ON DARK MATTER MODELS. Astrophysical Journal, 2010, 712, 147-158.	4.5	243
41	THE SPECTRUM AND MORPHOLOGY OF THEFERMIBUBBLES. Astrophysical Journal, 2014, 793, 64.	4.5	239
42	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. Astrophysical Journal, 2010, 708, 1254-1267.	4.5	237
43	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. Astrophysical Journal, Supplement Series, 2013, 209, 11.	7.7	232
44	RADIO-LOUD NARROW-LINE SEYFERT 1 AS A NEW CLASS OF GAMMA-RAY ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2009, 707, L142-L147.	4.5	230
45	3FHL: The Third Catalog of Hard Fermi-LAT Sources. Astrophysical Journal, Supplement Series, 2017, 232, 18.	7.7	227
46	Gamma-Ray Emission from the Shell of Supernova Remnant W44 Revealed by the Fermi LAT. Science, 2010, 327, 1103-1106.	12.6	220
47	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, .	4.7	220
48	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. Astrophysical Journal, Supplement Series, 2016, 222, 5.	7.7	219
49	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. Science, 2011, 334, 1103-1107.	12.6	217
50	FERMI LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. Astrophysical Journal, 2009, 706, L1-L6.	4.5	216
51	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. Science, 2014, 343, 42-47.	12.6	211
52	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7â€“3946 WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2011, 734, 28.	4.5	209
53	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. Science, 2012, 338, 1190-1192.	12.6	207
54	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. Astrophysical Journal, 2020, 892, 105.	4.5	204

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55	OBSERVATION OF SUPERNOVA REMNANT ICÂ443 WITH THE FERMI LARGE AREA TELESCOPE. Astrophysical Journal, 2010, 712, 459-468.	4.5	203
56	Modulated High-Energy Gamma-Ray Emission from the Microquasar Cygnus X-3. Science, 2009, 326, 1512-1516.	12.6	193
57	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. Science, 2009, 325, 848-852.	12.6	190
58	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. Astrophysical Journal, Supplement Series, 2016, 224, 8.	7.7	190
59	Fermi Gamma-Ray Imaging of a Radio Galaxy. Science, 2010, 328, 725-729.	12.6	187
60	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROMFERMI-LAT DIFFUSE MEASUREMENTS. Astrophysical Journal, 2012, 761, 91.	4.5	186
61	Incremental Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2022, 260, 53.	7.7	186
62	INSIGHTS INTO THE HIGH-ENERGY Î³-RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THEFERMIERA. Astrophysical Journal, 2011, 727, 129.	4.5	185
63	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.4â€“0.1). Astrophysical Journal, 2010, 718, 348-356.	4.5	180
64	THEFERMI-LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. Astrophysical Journal, 2010, 720, 435-453.	4.5	179
65	DETECTION OF GAMMA-RAY EMISSION FROM THE STARBURST GALAXIES M82 AND NGC 253 WITH THE LARGE AREA TELESCOPE ON FERMI. Astrophysical Journal Letters, 2010, 709, L152-L157.	8.3	179
66	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. Astrophysical Journal, 2011, 729, 114.	4.5	179
67	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	6.7	177
68	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. Physical Review D, 2012, 86, .	4.7	175
69	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. Physical Review D, 2013, 88, .	4.7	175
70	FERMIOBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. Astrophysical Journal, 2010, 710, 133-149.	4.5	172
71	FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. Astrophysical Journal Letters, 2011, 733, L26.	8.3	170
72	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.	8.3	167

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73	The e-ASTROGAM mission. Experimental Astronomy, 2017, 44, 25-82.	3.7	167
74	SPECTRAL PROPERTIES OF BRIGHTFERMI-DETECTED BLAZARS IN THE GAMMA-RAY BAND. Astrophysical Journal, 2010, 710, 1271-1285.	4.5	166
75	Fermi Large Area Telescope Search for Photon Lines from 30 to 200ÂGeV and Dark Matter Implications. Physical Review Letters, 2010, 104, 091302.	7.8	166
76	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. Science, 2010, 329, 817-821.	12.6	165
77	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM A RELATIVISTIC JET IN THE NARROW-LINE QUASAR PMN J0948+0022. Astrophysical Journal, 2009, 699, 976-984.	4.5	161
78	FERMILARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. Astrophysical Journal, 2009, 707, 55-60.	4.5	153
79	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. Astrophysical Journal, 2019, 878, 52.	4.5	152
80	Search for Spectral Irregularities due to Photonâ€“Axionlike-Particle Oscillations with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 161101.	7.8	151
81	Pre-launch estimates for GLAST sensitivity to dark matter annihilation signals. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 013.	5.4	149
82	FERMI -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. Astrophysical Journal Letters, 2010, 710, L92-L97.	8.3	149
83	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2010, 720, 912-922.	4.5	148
84	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. Astrophysical Journal Letters, 2015, 813, L41.	8.3	144
85	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. Astrophysical Journal, 2009, 699, 817-823.	4.5	141
86	FERMILARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. Astrophysical Journal, 2010, 719, 1433-1444.	4.5	141
87	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. Astrophysical Journal Letters, 2010, 717, L71-L78.	8.3	140
88	Fermi establishes classical novae as a distinct class of gamma-ray sources. Science, 2014, 345, 554-558.	12.6	140
89	Cosmic-ray electron-positron spectrum from 7ÂGeV to 2ÂTeV with the Fermi Large Area Telescope. Physical Review D, 2017, 95, .	4.7	138
90	FERMI GAMMA-RAY SPACE TELESCOPEOBSERVATIONS OF GAMMA-RAY OUTBURSTS FROM 3C 454.3 IN 2009 DECEMBER AND 2010 APRIL. Astrophysical Journal, 2010, 721, 1383-1396.	4.5	134

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91	Fermi Large Area Telescope Measurements of the Diffuse Gamma-Ray Emission at Intermediate Galactic Latitudes. Physical Review Letters, 2009, 103, 251101.	7.8	133
92	SWIFT AND FERMI OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. Astrophysical Journal Letters, 2010, 709, L146-L151.	8.3	130
93	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259â€“63/LS 2883 AROUND PERIASTRON WITH FERMI. Astrophysical Journal Letters, 2011, 736, L11.	8.3	130
94	SEARCH FOR DARK MATTER SATELLITES USINGFERMI-LAT. Astrophysical Journal, 2012, 747, 121.	4.5	130
95	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.	7.8	130
96	A population of gamma-ray emitting globular clusters seen with theFermiLarge Area Telescope. Astronomy and Astrophysics, 2010, 524, A75.	5.1	129
97	Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 014-014.	5.4	129
98	The on-orbit calibration of the Fermi Large Area Telescope. Astroparticle Physics, 2009, 32, 193-219.	4.3	123
99	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. Astrophysical Journal, 2014, 787, 18.	4.5	123
100	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. Astrophysical Journal, Supplement Series, 2018, 237, 32.	7.7	121
101	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. Astrophysical Journal, 2009, 696, 1084-1093.	4.5	120
102	FERMI LAT OBSERVATIONS OF LS I +61Â°303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. Astrophysical Journal, 2009, 701, L123-L128.	4.5	119
103	FERMI /LAT OBSERVATIONS OF LS 5039. Astrophysical Journal, 2009, 706, L56-L61.	4.5	119
104	FERMIOBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2009, 707, 1310-1333.	4.5	114
105	Observations of the Large Magellanic Cloud withFermi. Astronomy and Astrophysics, 2010, 512, A7.	5.1	106
106	FERMILARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. Astrophysical Journal, 2010, 723, 1082-1096.	4.5	106
107	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRSTFERMI-LAT CATALOG. Astrophysical Journal, 2012, 753, 83.	4.5	100
108	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.	4.5	100

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109	FERMILAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. Astrophysical Journal, 2009, 703, 1249-1256.	4.5	99
110	FERMILARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. Astrophysical Journal, 2010, 721, 1425-1447.	4.5	99
111	FERMILARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. Astrophysical Journal, 2011, 734, 116.	4.5	98
112	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OFFERMILAT OBSERVATIONS. Astrophysical Journal, 2010, 713, 154-165.	4.5	96
113	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROMFERMIÎ³-RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. Astrophysical Journal, 2011, 726, 81.	4.5	96
114	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. Astrophysical Journal, 2014, 789, 20.	4.5	96
115	FermiLarge Area Telescope observations of Local Group galaxies: detection of Mâ€‰31 and search for Mâ€‰33. Astronomy and Astrophysics, 2010, 523, L2.	5.1	94
116	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USINGFERMILARGE AREA TELESCOPE OBSERVATIONS. Astrophysical Journal, 2013, 773, 77.	4.5	94
117	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. Science, 2012, 338, 1314-1317.	12.6	92
118	FERMI-LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. Astrophysical Journal, 2010, 722, 1303-1311.	4.5	89
119	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. Astrophysical Journal, 2016, 819, 149.	4.5	88
120	The Fermi Gamma-Ray Space Telescope Discovers the Pulsar in the Young Galactic Supernova Remnant CTA 1. Science, 2008, 322, 1218-1221.	12.6	87
121	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2010, 710, 810-827.	4.5	87
122	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. Physical Review D, 2012, 85, .	4.7	87
123	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. Astrophysical Journal, 2009, 707, 727-737.	4.5	81
124	Detection of High-Energy Gamma-Ray Emission from the Globular Cluster 47 Tucanae with Fermi. Science, 2009, 325, 845-848.	12.6	80
125	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.	8.3	78
126	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. Astrophysical Journal, 2013, 763, 71.	4.5	75

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127	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€“5856. Science, 2012, 335, 189-193.	12.6	74
128	DETECTION OF THE ENERGETIC PULSAR PSR B1509â€“58 AND ITS PULSAR WIND NEBULA IN MSH 15â€–52 USING THEFERMI-LARGE AREA TELESCOPE. Astrophysical Journal, 2010, 714, 927-936.	4.5	72
129	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. Astrophysical Journal, 2010, 711, 64-74.	4.5	72
130	THE DISCOVERY OF Î³-RAY EMISSION FROM THE BLAZAR RGB J0710+591. Astrophysical Journal Letters, 2010, 715, L49-L55.	8.3	72
131	Detection of the Small Magellanic Cloud in gamma-rays withÂFermi/LAT. Astronomy and Astrophysics, 2010, 523, A46.	5.1	70
132	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. Astrophysical Journal, 2011, 726, 43.	4.5	70
133	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. Astrophysical Journal, 2017, 836, 208.	4.5	70
134	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.	4.5	70
135	FERMILARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF ETA CARINAE. Astrophysical Journal, 2010, 723, 649-657.	4.5	67
136	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. Astrophysical Journal Letters, 2010, 708, L100-L106.	8.3	66
137	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.	4.5	66
138	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. Astrophysical Journal, 2010, 713, 146-153.	4.5	64
139	Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. Physical Review D, 2010, 82, .	4.7	64
140	Deep view of the Large Magellanic Cloud with six years ofFermi-LAT observations. Astronomy and Astrophysics, 2016, 586, A71.	5.1	64
141	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. Astrophysical Journal, 2017, 846, 34.	4.5	63
142	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.	8.3	62
143	FERMI-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. Astrophysical Journal, 2011, 726, 35.	4.5	60
144	FERMIDETECTION OF Î³-RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. Astrophysical Journal, 2012, 745, 144.	4.5	60

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145	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. Astrophysical Journal, 2016, 826, 1.	4.5	60
146	Fermi large area telescope observations of the cosmic-ray induced<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-ray emission of the Earthâ€™s atmosphere. Physical Review D, 2009, 80, .	4.7	57
147	FERMI-LAT OBSERVATIONS OF THE GEMINGA PULSAR. Astrophysical Journal, 2010, 720, 272-283.	4.5	57
148	FERMIOBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. Astrophysical Journal, 2009, 707, 580-592.	4.5	56
149	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2010, 708, 1426-1441.	4.5	56
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