

Mario N Mazziotta

List of Publications by Year in descending order

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345
papers

42,716
citations

1172

114
h-index

2634

200
g-index

353
all docs

353
docs citations

353
times ranked

15399
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	Measurement of the atmospheric neutrino-induced upgoing muon flux using MACRO. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 434, 451-457.	1.5	315
29	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
30	<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
31	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY $\hat{3}$ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44.	1.6	301
32	Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 739-742.	6.0	297
33	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164.	1.6	297
34	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT <i>FERMI</i>-DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2010, 722, 520-542.	1.6	292
35	Fermi LAT observations of cosmic-ray electrons from 7 \hat{A} GeV to 1 \hat{A} TeV. <i>Physical Review D</i> , 2010, 82, .	1.6	276
36	A change in the optical polarization associated with a $\hat{3}$ -ray flare in the blazar 3C \hat{A} 279. <i>Nature</i> , 2010, 463, 919-923.	13.7	269

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37	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. <i>Science</i> , 2009, 325, 840-844.	6.0	264
38	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017, 840, 43.	1.6	264
39	<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
40	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
41	THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64.	1.6	239
42	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. <i>Astrophysical Journal</i> , 2010, 708, 1254-1267.	1.6	237
43	THE FIRST <i>FERMI</i> -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 11.	3.0	232
44	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
45	3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal</i> , Supplement Series, 2017, 232, 18.	3.0	227
46	On possible interpretations of the high energy electron-positron spectrum measured by the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 140-151.	1.9	221
47	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
48	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
49	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal</i> , Supplement Series, 2016, 222, 5.	3.0	219
50	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. <i>Science</i> , 2011, 334, 1103-1107.	6.0	217
51	<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
52	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
53	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7-3946 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 734, 28.	1.6	209
54	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. <i>Science</i> , 2012, 338, 1190-1192.	6.0	207

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55	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105.	1.6	204
56	OBSERVATION OF SUPERNOVA REMNANT ICÂ443 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 712, 459-468.	1.6	203
57	Modulated High-Energy Gamma-Ray Emission from the Microquasar Cygnus X-3. <i>Science</i> , 2009, 326, 1512-1516.	6.0	193
58	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	6.0	190
59	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8.	3.0	190
60	Fermi Gamma-Ray Imaging of a Radio Galaxy. <i>Science</i> , 2010, 328, 725-729.	6.0	187
61	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM <i>FERMI</i> -LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012, 761, 91.	1.6	186
62	Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53.	3.0	186
63	INSIGHTS INTO THE HIGH-ENERGY $\hat{1}^3$ -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
64	THE FIRST <i>FERMI</i> -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 34.	3.0	184
65	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.4â€“0.1). <i>Astrophysical Journal</i> , 2010, 718, 348-356.	1.6	180
66	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
67	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
68	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011, 729, 114.	1.6	179
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	The e-ASTROGAM mission. <i>Experimental Astronomy</i> , 2017, 44, 25-82.	1.6	167
75	SPECTRAL PROPERTIES OF BRIGHT FERMI-DETECTED BLAZARS IN THE GAMMA-RAY BAND. <i>Astrophysical Journal</i> , 2010, 710, 1271-1285.	1.6	166
76	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
77	Simultaneous Planck, Swift, and Fermi observations of X-ray and γ -ray selected blazars. <i>Astronomy and Astrophysics</i> , 2012, 541, A160.	2.1	166
78	FERMI DISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009, 699, 31-39.	1.6	165
79	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. <i>Science</i> , 2010, 329, 817-821.	6.0	165
80	FERMI/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
81	GAMMA-RAY ACTIVITY IN THE CRAB NEBULA: THE EXCEPTIONAL FLARE OF 2011 APRIL. <i>Astrophysical Journal</i> , 2012, 749, 26.	1.6	159
82	Final results of magnetic monopole searches with the MACRO experiment. <i>European Physical Journal C</i> , 2002, 25, 511-522.	1.4	158
83	FERMI/LARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , 2009, 707, 55-60.	1.6	153
84	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012, 757, L31.	3.0	152
85	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52.	1.6	152
86	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
87	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
88	Vertical muon intensity measured with MACRO at the Gran Sasso laboratory. <i>Physical Review D</i> , 1995, 52, 3793-3802.	1.6	149
89	FERMI-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
90	FERMI/LARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 720, 912-922.	1.6	148

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91	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
92	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
93	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
94	EARLY FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009, 699, 817-823.	1.6	141
95	<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
96	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , 2010, 717, L71-L78.	3.0	140
97	Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014, 345, 554-558.	6.0	140
98	Cosmic-ray electron-positron spectrum from 70 GeV to 2 TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017, 95, .	1.6	138
99	<i>FERMI</i> GAMMA-RAY SPACE TELESCOPE 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
100	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
101	<i>FERMI</i> LARGE AREA TELESCOPE DETECTION OF THE YOUNG SUPERNOVA REMNANT TYCHO. <i>Astrophysical Journal Letters</i> , 2012, 744, L2.	3.0	132
102	<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
103	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259-63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i> . <i>Astrophysical Journal Letters</i> , 2011, 736, L11.	3.0	130
104	SEARCH FOR DARK MATTER SATELLITES USING <i>FERMI</i> -LAT. <i>Astrophysical Journal</i> , 2012, 747, 121.	1.6	130
105	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
106	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
107	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
108	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 193-219.	1.9	123

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109	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	1.6	123
110	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
111	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
112	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	1.6	120
113	<i>FERMI</i> LAT OBSERVATIONS OF LS I +61 ^Å 303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. <i>Astrophysical Journal</i> , 2009, 701, L123-L128.	1.6	119
114	<i>FERMI</i> /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009, 706, L56-L61.	1.6	119
115	<i>FERMI</i>OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, 1310-1333.	1.6	114
116	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
117	Observations of the Large Magellanic Cloud with <i>Fermi</i>. <i>Astronomy and Astrophysics</i> , 2010, 512, A7.	2.1	106
118	<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
119	Ë-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
120	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
121	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
122	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
123	<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
124	<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
125	<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
126	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

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127	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
128	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM <i>FERMI</i> - γ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , 2011, 726, 81.	1.6	96
129	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
130	<i>Fermi</i> -Large Area Telescope observations of Local Group galaxies: detection of M31 and search for M33. <i>Astronomy and Astrophysics</i> , 2010, 523, L2.	2.1	94
131	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
132	<i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A15.	2.1	93
133	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. <i>Science</i> , 2012, 338, 1314-1317.	6.0	92
134	<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
135	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
136	The Fermi Gamma-Ray Space Telescope Discovers the Pulsar in the Young Galactic Supernova Remnant CTA 1. <i>Science</i> , 2008, 322, 1218-1221.	6.0	87
137	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE <i>FERMI</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 810-827.	1.6	87
138	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. <i>Physical Review D</i> , 2012, 85, .	1.6	87
139	Atmospheric neutrino flux measurement using upgoing muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 357, 481-486.	1.5	83
140	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
141	Detection of High-Energy Gamma-Ray Emission from the Globular Cluster 47 Tucanae with Fermi. <i>Science</i> , 2009, 325, 845-848.	6.0	80
142	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
143	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013, 763, 71.	1.6	75
144	Limits on dark matter WIMPs using upward-going muons in the MACRO detector. <i>Physical Review D</i> , 1999, 60, .	1.6	74

#	ARTICLE	IF	CITATIONS
145	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€“5856. <i>Science</i> , 2012, 335, 189-193.	6.0	74
146	Low energy atmospheric muon neutrinos in MACRO. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 5-13.	1.5	73
147	DETECTION OF THE ENERGETIC PULSAR PSR B1509â€“58 AND ITS PULSAR WIND NEBULA IN MSH 15â€“52 USING THE <i>FERMI</i>-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 714, 927-936.	1.6	72
148	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 711, 64-74.	1.6	72
149	THE DISCOVERY OF $\hat{\beta}$ -RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010, 715, L49-L55.	3.0	72
150	The cosmic ray primary composition between 1015 and 1016 eV from Extensive Air Showers electromagnetic and TeV muon data. <i>Astroparticle Physics</i> , 2004, 20, 641-652.	1.9	71
151	Detection of the Small Magellanic Cloud in gamma-rays with $\hat{\beta}$ -LAT. <i>Astronomy and Astrophysics</i> , 2010, 523, A46.	2.1	70
152	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	1.6	70
153	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. <i>Astrophysical Journal</i> , 2017, 836, 208.	1.6	70
154	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
155	<i>FERMI</i>-LARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF ETA CARINAE. <i>Astrophysical Journal</i> , 2010, 723, 649-657.	1.6	67
156	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTI-WAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010, 708, L100-L106.	3.0	66
157	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
158	Measurement of the Cosmic Ray Helium Energy Spectrum from 70 GeV to 80 TeV with the DAMPE Space Mission. <i>Physical Review Letters</i> , 2021, 126, 201102.	2.9	66
159	Neutrino Astronomy with the MACRO Detector. <i>Astrophysical Journal</i> , 2001, 546, 1038-1054.	1.6	65
160	Electronâ€“hole pair creation energy and Fano factor temperature dependence in silicon. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 584, 436-439.	0.7	65
161	Fermi Detection of a Luminous $\hat{\beta}$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	6.0	65
162	<i>FERMI</i>-LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 713, 146-153.	1.6	64

#	ARTICLE	IF	CITATIONS
163	Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2010, 82, .	1.6	64
164	Deep view of the Large Magellanic Cloud with six years of <i>Fermi</i> -LAT observations. <i>Astronomy and Astrophysics</i> , 2016, 586, A71.	2.1	64
165	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
166	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\hat{\Gamma}^3$ -RAY PULSAR SEEN BY THE <i>Fermi</i> -LAT. <i>Astrophysical Journal Letters</i> , 2013, 777, L2.	3.0	62
167	The MACRO detector at Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 486, 663-707.	0.7	60
168	<i>Fermi</i> -LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2011, 726, 35.	1.6	60
169	<i>Fermi</i> -DETECTION OF $\hat{\Gamma}^3$ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012, 745, 144.	1.6	60
170	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
171	Fermi large area telescope observations of the cosmic-ray induced $\hat{\Gamma}^3$ -ray emission of the Earth's atmosphere. <i>Physical Review D</i> , 2009, 80, .	1.6	57
172	<i>Fermi</i> -LAT OBSERVATIONS OF THE GEMINGA PULSAR. <i>Astrophysical Journal</i> , 2010, 720, 272-283.	1.6	57
173	<i>Fermi</i> -OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. <i>Astrophysical Journal</i> , 2009, 707, 580-592.	1.6	56
174	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE <i>Fermi</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 708, 1426-1441.	1.6	56
175	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
176	<i>Fermi</i> -DETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. <i>Astrophysical Journal</i> , 2010, 712, 558-564.	1.6	54
177	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	1.6	54
178	Search for 100 MeV to 10 GeV $\hat{\Gamma}^3$ -ray lines in the Fermi-LAT data and implications for gravitino dark matter in the $\hat{\Gamma}^3$ SSM. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 023-023.	1.9	53
179	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017, 835, 219.	1.6	53
180	Search for the sidereal and solar diurnal modulations in the total MACRO muon data set. <i>Physical Review D</i> , 2003, 67, .	1.6	52

#	ARTICLE	IF	CITATIONS
181	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
182	<i>FERMI</i> LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2012, 755, 22.	1.6	52
183	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH <i>FERMI</i> -LAT. <i>Astrophysical Journal</i> , 2015, 812, 159.	1.6	52
184	<i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS OF THE EXCEPTIONAL GAMMA-RAY OUTBURSTS OF 3C 273 IN 2009 SEPTEMBER. <i>Astrophysical Journal Letters</i> , 2010, 714, L73-L78.	3.0	49
185	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7 α 0.1. <i>Astrophysical Journal</i> , 2012, 744, 80.	1.6	48
186	Cosmic-ray propagation with DRAGON2: II. Nuclear interactions with the interstellar gas. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 006-006.	1.9	48
187	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
188	The cosmic ray proton, helium and CNO fluxes in the 100 TeV energy region from TeV muons and EAS atmospheric Cherenkov light observations of MACRO and EAS-TOP. <i>Astroparticle Physics</i> , 2004, 21, 223-240.	1.9	47
189	DISCOVERY OF PULSED $\hat{\nu}$ -RAYS FROM PSR J0034 α 0534 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND $\hat{\nu}$ -RAY EMISSION REGIONS. <i>Astrophysical Journal</i> , 2010, 712, 957-963.	1.6	47
190	Implications of the cosmic ray electron spectrum and anisotropy measured with Fermi-LAT. <i>Astroparticle Physics</i> , 2011, 34, 528-538.	1.9	47
191	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
192	Design and initial tests of the Tracker-converter of the Gamma-ray Large Area Space Telescope. <i>Astroparticle Physics</i> , 2007, 28, 422-434.	1.9	46
193	The cosmic-ray and gas content of the Cygnus region as measured in $\hat{\nu}$ -rays by the <i>Fermi</i> Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2012, 538, A71.	2.1	46
194	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
195	A model-independent analysis of the Fermi Large Area Telescope gamma-ray data from the Milky Way dwarf galaxies and halo to constrain dark matter scenarios. <i>Astroparticle Physics</i> , 2012, 37, 26-39.	1.9	45
196	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830 α 211 OBSERVED BY <i>Fermi</i> -LAT. <i>Astrophysical Journal</i> , 2015, 799, 143.	1.6	45
197	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L2.	3.0	45
198	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

#	ARTICLE	IF	CITATIONS
199	PROSPECTS FOR GRB SCIENCE WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 701, 1673-1694.	1.6	44
200	SEARCH FOR GAMMA-RAY EMISSION FROM MAGNETARS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal Letters</i> , 2010, 725, L73-L78.	3.0	42
201	<i>FERMI</i>OBSERVATIONS OF THE VERY HARD GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal</i> , 2010, 708, 1310-1320.	1.6	42
202	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5.	3.0	42
203	<i>FERMI</i>LARGE AREA TELESCOPE DETECTION OF PULSED $\hat{\gamma}$ -RAYS FROM THE VELA-LIKE PULSARS PSR J1048â€“5832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , 2009, 706, 1331-1340.	1.6	41
204	The high energy cosmic-radiation detection (HERD) facility onboard China's Space Station. <i>Proceedings of SPIE</i> , 2014, , .	0.8	41
205	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015, 350, 801-805.	6.0	41
206	PULSED GAMMA RAYS FROM THE MILLISECOND PULSAR J0030+0451 WITH THE<i>FERMI</i>LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 699, 1171-1177.	1.6	38
207	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	3.0	38
208	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
209	<i>FERMI</i>/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454â€“354. <i>Astrophysical Journal</i> , 2009, 697, 934-941.	1.6	37
210	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
211	ASSOCIATING LONG-TERM $\hat{\gamma}$ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61Â°303. <i>Astrophysical Journal Letters</i> , 2013, 773, L35.	3.0	36
212	Search for diffuse neutrino flux from astrophysical sources with MACRO. <i>Astroparticle Physics</i> , 2003, 19, 1-13.	1.9	35
213	Study of the primary cosmic ray composition around the knee of the energy spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 337, 376-382.	1.5	34
214	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE<i></i>. <i>Astrophysical Journal</i> , 2009, 699, L102-L107.	1.6	34
215	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. <i>Astrophysical Journal Letters</i> , 2011, 734, L27.	3.0	34
216	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010, 712, 1209-1218.	1.6	33

#	ARTICLE	IF	CITATIONS
217	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	1.6	33
218	Measurement of the residual energy of muons in the Gran Sasso underground laboratories. <i>Astroparticle Physics</i> , 2003, 19, 313-328.	1.9	32
219	A new Monte Carlo code for full simulation of silicon strip detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 533, 322-343.	0.7	32
220	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
221	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85.	1.6	32
222	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 13.	3.0	32
223	DISCOVERY OF PULSED $\hat{\beta}$ -RAYS FROM THE YOUNG RADIO PULSAR PSR J1028â€“5819 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 695, L72-L77.	1.6	31
224	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12.	3.0	30
225	Search for slowly moving magnetic monopoles with the MACRO detector. <i>Physical Review Letters</i> , 1994, 72, 608-612.	2.9	29
226	Moon and Sun shadowing effect in the MACRO detector. <i>Astroparticle Physics</i> , 2003, 20, 145-156.	1.9	29
227	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. <i>Physical Review D</i> , 2011, 84, .	1.6	29
228	Search for nucleon decays induced by GUT magnetic monopoles with the MACRO experiment. <i>European Physical Journal C</i> , 2002, 26, 163-172.	1.4	28
229	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. <i>Physical Review Letters</i> , 2014, 112, 151103.	2.9	28
230	Implications of current nuclear cross sections on secondary cosmic rays with the upcoming DRAGON2 code. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 099.	1.9	28
231	Magnetic monopole search with the MACRO detector at Gran Sasso. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 406, 249-255.	1.5	27
232	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2012, 35, 346-353.	1.9	27
233	Production of secondary particles and nuclei in cosmic rays collisions with the interstellar gas using the FLUKA code. <i>Astroparticle Physics</i> , 2016, 81, 21-38.	1.9	27
234	Performance of the MACRO streamer tube system in the search for magnetic monopoles. <i>Astroparticle Physics</i> , 1995, 4, 33-43.	1.9	26

#	ARTICLE	IF	CITATIONS
235	High energy cosmic ray physics with underground muons in MACRO. II. Primary spectra and composition. <i>Physical Review D</i> , 1997, 56, 1418-1436.	1.6	26
236	<i>FERMI</i> OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. <i>Astrophysical Journal Letters</i> , 2010, 717, L127-L132.	3.0	26
237	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE <i>FERMI</i>-LAT. <i>Astrophysical Journal</i> , 2015, 807, 169.	1.6	26
238	Search for long distance correlations between extensive air showers detected by the EEE network. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	25
239	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057â€“5226, J1709â€“4429, AND J1952+3252. <i>Astrophysical Journal</i> , 2010, 720, 26-40.	1.6	24
240	<i>SUZAKU</i> OBSERVATIONS OF LUMINOUS QUASARS: REVEALING THE NATURE OF HIGH-ENERGY BLAZAR EMISSION IN LOW-LEVEL ACTIVITY STATES. <i>Astrophysical Journal</i> , 2010, 716, 835-849.	1.6	23
241	Looking at the sub-TeV sky with cosmic muons detected in the EEE MRPC telescopes. <i>European Physical Journal Plus</i> , 2015, 130, 1.	1.2	23
242	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016, 819, 98.	1.6	23
243	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
244	Gamma-ray astrophysics in the MeV range. <i>Experimental Astronomy</i> , 2021, 51, 1225-1254.	1.6	22
245	High statistics measurement of the underground muon pair separation at Gran Sasso. <i>Physical Review D</i> , 1999, 60, .	1.6	21
246	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
247	Search for dark matter signatures in the gamma-ray emission towards the Sun with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2020, 102, .	1.6	21
248	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
249	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228.	4.7	20
250	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018, 121, 241101.	2.9	20
251	<i>FERMI</i> OBSERVATIONS OF $\hat{\gamma}$ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012, 758, 140.	1.6	19
252	Muon energy estimate through multiple scattering with the MACRO detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 492, 376-386.	0.7	18

#	ARTICLE	IF	CITATIONS
253	Simultaneous multi-wavelength campaign on PKS \hat{A} 2005-489 in a high state. <i>Astronomy and Astrophysics</i> , 2011, 533, A110.	2.1	18
254	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015, 809, L2.	3.0	18
255	Cosmic-ray interactions with the Sun using the fluka code. <i>Physical Review D</i> , 2020, 101, .	1.6	18
256	High energy cosmic ray physics with underground muons in MACRO. I. Analysis methods and experimental results. <i>Physical Review D</i> , 1997, 56, 1407-1417.	1.6	17
257	Search for lightly ionizing particles with the MACRO detector. <i>Physical Review D</i> , 2000, 62, .	1.6	17
258	An algorithm to resolve \hat{i}^3 -rays from charged cosmic rays with DAMPE. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 027.	0.7	17
259	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
260	Search for dark matter cosmic-ray electrons and positrons from the Sun with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2020, 101, .	1.6	16
261	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5.	3.0	15
262	Observation of the shadowing of cosmic rays by the Moon using a deep underground detector. <i>Physical Review D</i> , 1998, 59, .	1.6	14
263	A Monte Carlo code for full simulation of a transition radiation detector. <i>Computer Physics Communications</i> , 2000, 132, 110-123.	3.0	14
264	Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D85, 083007 (2012)]. <i>Physical Review D</i> , 2012, 85, .	1.6	14
265	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH \hat{i} FERMI \hat{i} . <i>Astrophysical Journal</i> , 2012, 754, 121.	1.6	14
266	Gamma-ray emission from young radio galaxies and quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4564-4583.	1.6	14
267	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021, 921, 144.	1.6	14
268	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. <i>Science</i> , 2022, 376, 521-523.	6.0	14
269	A large area transition radiation detector to measure the energy of muons in the Gran Sasso underground laboratory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 365, 214-223.	0.7	13
270	\hat{i} Fermi \hat{i} LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , 2014, 784, 118.	1.6	13

#	ARTICLE	IF	CITATIONS
271	Investigation of the transition radiation produced by fast electrons crossing multifoil and fiber radiators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 550, 157-168.	0.7	12
272	The GLAST tracker design and construction. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 303-309.	0.5	11
273	A Bayesian approach to evaluate confidence intervals in counting experiments with background. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 646, 167-173.	0.7	11
274	A combined analysis technique for the search for fast magnetic monopoles with the MACRO detector. Astroparticle Physics, 2002, 18, 27-41.	1.9	9
275	Search for cosmic ray sources using muons detected by the MACRO experiment. Astroparticle Physics, 2003, 18, 615-627.	1.9	9
276	Search for stellar gravitational collapses with the MACRO detector. European Physical Journal C, 2004, 37, 265-272.	1.4	9
277	Preliminary results of the LAT Calibration Unit beam tests. AIP Conference Proceedings, 2007, , .	0.3	9
278	RADIO AND $\hat{\beta}$ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. Astrophysical Journal, 2011, 728, 77.	1.6	9
279	Progress on development of the new FDIRC PID detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 541-545.	0.7	9
280	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. Astrophysical Journal, 2019, 883, 33.	1.6	9
281	High precision particle astrophysics as a new window on the universe with an Antimatter Large Acceptance Detector In Orbit (ALADInO). Experimental Astronomy, 2021, 51, 1299-1330.	1.6	9
282	Observations of Forbush Decreases of Cosmic-Ray Electrons and Positrons with the Dark Matter Particle Explorer. Astrophysical Journal Letters, 2021, 920, L43.	3.0	9
283	DmpIRFs and DmpST: DAMPE instrument response functions and science tools for gamma-ray data analysis. Research in Astronomy and Astrophysics, 2019, 19, 132.	0.7	8
284	FLUKA cross sections for cosmic-ray interactions with the DRAGON2 code. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 008.	1.9	8
285	The Cherenkov Telescope Array potential for the study of young supernova remnants. Astroparticle Physics, 2015, 62, 152-164.	1.9	7
286	PANGU: a wide field gamma-ray imager and polarimeter. Proceedings of SPIE, 2016, , .	0.8	7
287	Search for features in the cosmic-ray electron and positron spectrum measured by the Fermi Large Area Telescope. Physical Review D, 2018, 98, .	1.6	7
288	MAGIC and $\langle i \rangle$ Fermi $\langle /i \rangle$ -LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366.	1.6	7

#	ARTICLE	IF	CITATIONS
289	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
290	R&D results from the NOE scintillating fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 459, 123-134.	0.7	6
291	A Silicon Transition Radiation Detector for space and accelerator applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 564, 115-125.	0.7	6
292	EEE - Extreme Energy Events: an astroparticle physics experiment in Italian High Schools. <i>Journal of Physics: Conference Series</i> , 2016, 718, 082001.	0.3	6
293	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019, 886, L33.	3.0	6
294	Design of an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Instruments</i> , 2022, 6, 19.	0.8	6
295	Construction, test and calibration of the GLAST silicon tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 583, 9-13.	0.7	5
296	FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016, 822, 68.	1.6	5
297	A light tracker based on scintillating fibers with SiPM readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1039, 167040.	0.7	5
298	A fast transition radiation detector for high-energy particles selection and triggering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 455, 305-318.	0.7	4
299	The NOE scintillating fiber calorimeter prototype test results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 456, 259-271.	0.7	4
300	The GLAST LAT tracker construction and test. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 276-280.	0.7	4
301	Beam test results with a reduced scale Silicon Transition Radiation Detector prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 577, 519-522.	0.7	4
302	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
303	Measurements of angular distribution and spectrum of transition radiation with a GridPix detector. <i>Journal of Physics: Conference Series</i> , 2017, 934, 012049.	0.3	4
304	Test beam studies of possibilities to separate particles with gamma factors above 103 with straw based Transition Radiation Detector. <i>Journal of Physics: Conference Series</i> , 2017, 934, 012053.	0.3	4
305	Comparison of Proton Shower Developments in the BGO Calorimeter of the Dark Matter Particle Explorer between GEANT4 and FLUKA Simulations*. <i>Chinese Physics Letters</i> , 2020, 37, 119601.	1.3	4
306	Test beam results for a Silicon TRD (SiTRD) prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 522, 148-152.	0.7	3

#	ARTICLE	IF	CITATIONS
307	GLAST LAT Full Simulation. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 62-65.	0.5	3
308	Environmental tests of the flight GLAST LAT tracker towers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 584, 358-373.	0.7	3
309	Particle identification by means of channeling radiation in high collimated beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 402-404.	0.7	3
310	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
311	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. Astrophysical Journal, 2016, 820, 72.	1.6	3
312	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. Astrophysical Journal, 2022, 933, 204.	1.6	3
313	Description and performances of MACRO TRD. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 423-426.	0.7	2
314	Wavelength-shifting fibers for calorimetric measurements in a long base line neutrino oscillation experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 457, 447-453.	0.7	2
315	A transition radiation detector interleaved with low-density targets for the NOE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 459, 108-122.	0.7	2
316	Performance of a magnetized calorimeter for a long baseline neutrino oscillation experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 474, 224-237.	0.7	2
317	The silicon transition radiation detector: Performance and perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 440-443.	0.7	2
318	Characterization of polycrystalline diamond films grown by Microwave Plasma Enhanced Chemical Vapor Deposition (MWPECVD) for UV radiation detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 405-406.	0.7	2
319	A particle identification detector for the forward region of the SuperB experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 557-559.	0.7	2
320	Front-end electronics for the SuperB charged particle identification detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 186-188.	0.7	2
321	Indirect searches for dark matter with the Fermi LAT instrument. International Journal of Modern Physics A, 2014, 29, 1430030.	0.5	2
322	Evaluation of candidate photomultiplier tubes for the NOE scintillating fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 660-669.	0.7	1
323	A silicon spectrometer for transition radiation detection for space applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 514, 194-199.	0.7	1
324	Perspectives on the performance of a multilayer Silicon TRD (SiTRD). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 153-156.	0.7	1

#	ARTICLE	IF	CITATIONS
325	A full Monte Carlo Simulation code for silicon strip detectors. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 58-61.	0.5	1
326	GLAST LAT tracker signal simulation and trigger timing study. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 66-69.	0.5	1
327	Particle identification with the Silicon Transition Radiation Detector (SiTRD): State of art and future perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 563, 388-391.	0.7	1
328	A Front-End electronics board for single photo-electron timing and charge from MaPMT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 208-210.	0.7	1
329	Experimental verification of the HERD prototype at CERN SPS. Proceedings of SPIE, 2016, , .	0.8	1
330	Search for Multi-Coincidence Cosmic Ray Events over Large Distances with the EEE MRPC Telescopes. J, 2021, 4, 838-848.	0.6	1
331	Muon astrophysics with the MACRO detector. Nuclear Physics, Section B, Proceedings Supplements, 1994, 35, 229-234.	0.5	0
332	Description and performances of a transition radiation detector for a Gran Sasso underground experiment. Nuclear Physics, Section B, Proceedings Supplements, 1995, 44, 193-197.	0.5	0
333	A high-precision drift straw tube counter for particle tracking for accelerator and space experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 73-74.	0.7	0
334	A fast transition radiation detector for first-level triggering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 556-559.	0.7	0
335	<title>Transition radiation detectors: state of art and new developments</title>. , 2005, , .		0
336	UNDERGROUND MUON ENERGY SPECTRA WITH THE MACRO TRD. International Journal of Modern Physics A, 2005, 20, 6968-6970.	0.5	0
337	Study of the transition radiation yield produced by fast electrons with a silicon strip detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 563, 385-387.	0.7	0
338	Thermal Performance of the GLAST LAT Tracker. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 235-238.	0.5	0
339	Observation of the Crab Pulsar and Nebula with the Fermi Large Area Telescope. , 2010, , .		0
340	Fermi and multifrequency observations of blazars. , 2010, , .		0
341	A comparative study on comb electrodes devices made of MWPECVD diamond films grown on p-doped and intrinsic silicon substrate. Diamond and Related Materials, 2011, 20, 1005-1009.	1.8	0
342	Study of H-8500 MaPMT for the FDIRC detector at SuperB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 563-565.	0.7	0

#	ARTICLE	IF	CITATIONS
343	Possible applications of the SiTRD technique in the next generation collider experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 706, 69-72.	0.7	0
344	A proposal for a nanosatellite for cosmic ray detection. , 2016, , .		0
345	Search for features in the cosmic-ray electron and positron spectrum measured by the Fermi Large Area Telescope. Journal of Physics: Conference Series, 2019, 1390, 012062.	0.3	0