

Nicola Giglietto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6712364/publications.pdf>

Version: 2024-02-01

440
papers

43,356
citations

1172

114
h-index

2688

199
g-index

448
all docs

448
docs citations

448
times ranked

15471
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	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811.	6.0	591
11	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015, 799, 86.	1.6	556
12	<i>FERMI</i> -LAT OBSERVATIONS OF THE DIFFUSE $\hat{\gamma}$ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012, 750, 3.	1.6	535
13	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
14	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. <i>Science</i> , 2009, 323, 1688-1693.	6.0	523
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 4.	3.0	403
22	THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 460-494.	3.0	396
23	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 46-66.	3.0	394
24	<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
25	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
26	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
27	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
28	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 26.	3.0	313
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 $\hat{3}$ -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 $7\hat{A}GeV$ to $1\hat{A}TeV$. <i>Physical Review D</i> , 2010, 82, .	1.6	276
35	A change in the optical polarization associated with a $\hat{1}$ -ray flare in the blazar 3Câ€‰%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

#	ARTICLE	IF	CITATIONS
37	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017, 840, 43.	1.6	264
38	<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	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
46	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
47	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
48	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal</i> , Supplement Series, 2016, 222, 5.	3.0	219
49	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. <i>Science</i> , 2011, 334, 1103-1107.	6.0	217
50	<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
51	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
52	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
53	Teraelectronvolt emission from the $\hat{\Gamma}^3$ -ray burst GRB 190114C. <i>Nature</i> , 2019, 575, 455-458.	13.7	208
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

#	ARTICLE	IF	CITATIONS
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	Science with e-ASTROGAM. <i>Journal of High Energy Astrophysics</i> , 2018, 19, 1-106.	2.4	177
70	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
71	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
72	<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

#	ARTICLE	IF	CITATIONS
73	<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
74	MINUTE-TIMESCALE >100 MeV $\hat{\Gamma}^3$ -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
75	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
76	Fermi Large Area Telescope Search for Photon Lines from 30 to 200ÂGeV and Dark Matter Implications. <i>Physical Review Letters</i> , 2010, 104, 091302.	2.9	166
77	Simultaneous <i>Planck</i>, <i>Swift</i>, and <i>Fermi</i> observations of X-ray and <i> $\hat{\Gamma}^3$ </i>-ray selected blazars. <i>Astronomy and Astrophysics</i> , 2012, 541, A160.	2.1	166
78	<i>FERMI</i> 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	<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
81	<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
82	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012, 757, L31.	3.0	152
83	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52.	1.6	152
84	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
85	Search for Spectral Irregularities due to Photonâ€Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 161101.	2.9	151
86	Vertical muon intensity measured with MACRO at the Gran Sasso laboratory. <i>Physical Review D</i> , 1995, 52, 3793-3802.	1.6	149
87	<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
88	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 720, 912-922.	1.6	148
89	Observation of inverse Compton emission from a long $\hat{\Gamma}^3$ -ray burst. <i>Nature</i> , 2019, 575, 459-463.	13.7	146
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	EARLY <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009, 699, 817-823.	1.6	141
94	<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
95	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , 2010, 717, L71-L78.	3.0	140
96	Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014, 345, 554-558.	6.0	140
97	Cosmic-ray electron-positron spectrum from 7 GeV to 2 TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017, 95, .	1.6	138
98	First supermodule of the MACRO detector at Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993, 324, 337-362.	0.7	137
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	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
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 Cosmic Ray Antiproton Flux between 0.62 and 3.19 GeV Measured Near Solar Minimum Activity. <i>Astrophysical Journal</i> , 1997, 487, 415-423.	1.6	126

#	ARTICLE	IF	CITATIONS
109	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 193-219.	1.9	123
110	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	1.6	123
111	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
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°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	A gamma-ray determination of the Universe's star formation history. <i>Science</i> , 2018, 362, 1031-1034.	6.0	111
118	Seasonal variations in the underground muon intensity as seen by MACRO. <i>Astroparticle Physics</i> , 1997, 7, 109-124.	1.9	107
119	Observations of the Large Magellanic Cloud with <i>Fermi</i>. <i>Astronomy and Astrophysics</i> , 2010, 512, A7.	2.1	106
120	<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
121	Û-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
122	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
123	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
124	<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
125	<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
126	<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

#	ARTICLE	IF	CITATIONS
127	Atmospheric neutrino oscillations from upward throughgoing muon multiple scattering in MACRO. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 566, 35-44.	1.5	97
128	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OF <i>FERMI</i> -LAT OBSERVATIONS. Astrophysical Journal, 2010, 713, 154-165.	1.6	96
129	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM <i>FERMI</i> - γ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. Astrophysical Journal, 2011, 726, 81.	1.6	96
130	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. Astrophysical Journal, 2014, 789, 20.	1.6	96
131	Measurement of the Positron to Electron Ratio in the Cosmic Rays above 5 GeV. Astrophysical Journal, 1996, 457, .	1.6	95
132	<i>Fermi</i> -Large Area Telescope observations of Local Group galaxies: detection of M31 and search for M33. Astronomy and Astrophysics, 2010, 523, L2.	2.1	94
133	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING <i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS. Astrophysical Journal, 2013, 773, 77.	1.6	94
134	<i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. Astronomy and Astrophysics, 2011, 536, A15.	2.1	93
135	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. Science, 2012, 338, 1314-1317.	6.0	92
136	Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 008-008.	1.9	90
137	<i>FERMI</i> -LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. Astrophysical Journal, 2010, 722, 1303-1311.	1.6	89
138	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMILAT DATA. Astrophysical Journal, 2016, 819, 149.	1.6	88
139	The Fermi Gamma-Ray Space Telescope Discovers the Pulsar in the Young Galactic Supernova Remnant CTA 1. Science, 2008, 322, 1218-1221.	6.0	87
140	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE <i>FERMI</i> -LARGE AREA TELESCOPE. Astrophysical Journal, 2010, 710, 810-827.	1.6	87
141	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. Physical Review D, 2012, 85, .	1.6	87
142	Atmospheric neutrino flux measurement using upgoing muons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 481-486.	1.5	83
143	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. Astrophysical Journal, 2009, 707, 727-737.	1.6	81
144	Detection of High-Energy Gamma-Ray Emission from the Globular Cluster 47 Tucanae with Fermi. Science, 2009, 325, 845-848.	6.0	80

#	ARTICLE	IF	CITATIONS
145	VERY HIGH ENERGY $\hat{\nu}$ -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
146	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013, 763, 71.	1.6	75
147	Limits on dark matter WIMPs using upward-going muons in the MACRO detector. <i>Physical Review D</i> , 1999, 60, .	1.6	74
148	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6-5856. <i>Science</i> , 2012, 335, 189-193.	6.0	74
149	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
150	DETECTION OF THE ENERGETIC PULSAR PSR B1509-58 AND ITS PULSAR WIND NEBULA IN MSH 15-52 USING THE FERMI-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 714, 927-936.	1.6	72
151	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
152	THE DISCOVERY OF $\hat{\nu}$ -RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010, 715, L49-L55.	3.0	72
153	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
154	Detection of the Small Magellanic Cloud in gamma-rays with $\hat{\nu}$ -LAT. <i>Astronomy and Astrophysics</i> , 2010, 523, A46.	2.1	70
155	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	1.6	70
156	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
157	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
158	FERMI-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
159	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010, 708, L100-L106.	3.0	66
160	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE FERMI-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
161	Neutrino Astronomy with the MACRO Detector. <i>Astrophysical Journal</i> , 2001, 546, 1038-1054.	1.6	65
162	Fermi Detection of a Luminous $\hat{\nu}$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	6.0	65

#	ARTICLE	IF	CITATIONS
163	<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
164	Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2010, 82, .	1.6	64
165	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
166	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
167	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
168	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
169	<i>FERMI</i>-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2011, 726, 35.	1.6	60
170	<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
171	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
172	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
173	<i>FERMI</i>-LAT OBSERVATIONS OF THE GEMINGA PULSAR. <i>Astrophysical Journal</i> , 2010, 720, 272-283.	1.6	57
174	<i>FERMI</i>OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. <i>Astrophysical Journal</i> , 2009, 707, 580-592.	1.6	56
175	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
176	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
177	<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
178	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	1.6	54
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	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. <i>Physical Review Letters</i> , 2020, 125, 021301.	2.9	52
185	The macro detector at the Gran Sasso Laboratory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988, 264, 18-23.	0.7	50
186	<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
187	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7â€“0.1. <i>Astrophysical Journal</i> , 2012, 744, 80.	1.6	48
188	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
189	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
190	DISCOVERY OF PULSED $\hat{\gamma}$ -RAYS FROM PSR J0034â€“0534 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND $\hat{\gamma}$ -RAY EMISSION REGIONS. <i>Astrophysical Journal</i> , 2010, 712, 957-963.	1.6	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 $\hat{\gamma}$ -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 1830â€“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	Study of penetrating cosmic ray muons and search for large scale anisotropies at the Gran Sasso Laboratory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 249, 149-156.	1.5	44

#	ARTICLE	IF	CITATIONS
199	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
200	PROSPECTS FOR GRB SCIENCE WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 701, 1673-1694.	1.6	44
201	SUPPLEMENT: “LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914” (2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal</i> , Supplement Series, 2016, 225, 8.	3.0	44
202	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
203	<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
204	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5.	3.0	42
205	<i>FERMI</i> LARGE AREA TELESCOPE DETECTION OF PULSED $\hat{\gamma}$ -RAYS FROM THE VELA-LIKE PULSARS PSR J1048+5832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , 2009, 706, 1331-1340.	1.6	41
206	The high energy cosmic-radiation detection (HERD) facility onboard China's Space Station. <i>Proceedings of SPIE</i> , 2014, , .	0.8	41
207	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015, 350, 801-805.	6.0	41
208	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. <i>Astrophysical Journal</i> , Supplement Series, 2020, 247, 16.	3.0	39
209	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
210	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	3.0	38
211	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
212	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B [*]. <i>Astrophysical Journal</i> , 2021, 908, 90.	1.6	38
213	Study of the ultrahigh-energy primary-cosmic-ray composition with the MACRO experiment. <i>Physical Review D</i> , 1992, 46, 895-902.	1.6	37
214	<i>FERMI</i>/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454+354. <i>Astrophysical Journal</i> , 2009, 697, 934-941.	1.6	37
215	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
216	The observation of up-going charged particles produced by high energy muons in underground detectors. <i>Astroparticle Physics</i> , 1998, 9, 105-117.	1.9	36

#	ARTICLE	IF	CITATIONS
217	ASSOCIATING LONG-TERM $\hat{\text{I}}^3$ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 $\hat{\text{A}}^\circ$ 303. <i>Astrophysical Journal Letters</i> , 2013, 773, L35.	3.0	36
218	Search for Charged Strange Quark Matter Produced in 1.5 A GeV/c Au+Pb Collisions. <i>Physical Review Letters</i> , 1997, 79, 3612-3616.	2.9	35
219	Search for diffuse neutrino flux from astrophysical sources with MACRO. <i>Astroparticle Physics</i> , 2003, 19, 1-13.	1.9	35
220	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019, 111, 35-53.	1.9	35
221	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
222	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE <i><i>FERMI</i> GAMMA-RAY SPACE TELESCOPE	1.6	34
223	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
224	<i><i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010, 712, 1209-1218.	1.6	33
225	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	1.6	33
226	Search for nuclearites using the MACRO detector. <i>Physical Review Letters</i> , 1992, 69, 1860-1863.	2.9	32
227	Measurement of the residual energy of muons in the Gran Sasso underground laboratories. <i>Astroparticle Physics</i> , 2003, 19, 313-328.	1.9	32
228	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
229	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: <i>FERMI</i> GAMMA-RAY BURST MONITOR AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017, 835, 82.	1.6	32
230	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85.	1.6	32
231	The PAMELA experiment on satellite and its capability in cosmic rays measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 478, 114-118.	0.7	31
232	DISCOVERY OF PULSED $\hat{\text{I}}^3$ -RAYS FROM THE YOUNG RADIO PULSAR PSR J1028+5819 WITH THE <i><i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 695, L72-L77.	1.6	31
233	MAGIC very large zenith angle observations of the Crab Nebula up to 100 TeV. <i>Astronomy and Astrophysics</i> , 2020, 635, A158.	2.1	31
234	Monitoring of the radio galaxy M87 during a low-emission state from 2012 to 2015 with MAGIC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5354-5365.	1.6	31

#	ARTICLE	IF	CITATIONS
235	The PAMELA experiment in space. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 262-268.	0.7	30
236	Measurement of the decoherence function with the MACRO detector at Gran Sasso. Physical Review D, 1992, 46, 4836-4845.	1.6	29
237	Search for slowly moving magnetic monopoles with the MACRO detector. Physical Review Letters, 1994, 72, 608-612.	2.9	29
238	Moon and Sun shadowing effect in the MACRO detector. Astroparticle Physics, 2003, 20, 145-156.	1.9	29
239	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. Physical Review D, 2011, 84, .	1.6	29
240	Search for nucleon decays induced by GUT magnetic monopoles with the MACRO experiment. European Physical Journal C, 2002, 26, 163-172.	1.4	28
241	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Ray Observations of Earth's Limb. Physical Review Letters, 2014, 112, 151103.	2.9	28
242	Muon astronomy with the MACRO detector. Astrophysical Journal, 1993, 412, 301.	1.6	28
243	Measurement of the negative muon spectrum between 0.3 and 40 GeV/c in the atmosphere. Physical Review D, 1996, 53, 35-43.	1.6	27
244	Magnetic monopole search with the MACRO detector at Gran Sasso. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 249-255.	1.5	27
245	Measurement of the energy spectrum of underground muons at Gran Sasso with a transition radiation detector. Astroparticle Physics, 1999, 10, 11-20.	1.9	27
246	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. Astroparticle Physics, 2012, 35, 346-353.	1.9	27
247	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. Astrophysical Journal, 2019, 883, 135.	1.6	27
248	Performance of the MACRO streamer tube system in the search for magnetic monopoles. Astroparticle Physics, 1995, 4, 33-43.	1.9	26
249	High energy cosmic ray physics with underground muons in MACRO. II. Primary spectra and composition. Physical Review D, 1997, 56, 1418-1436.	1.6	26
250	<i>FERMI</i> OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. Astrophysical Journal Letters, 2010, 717, L127-L132.	3.0	26
251	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE <i>FERMI</i> -LAT. Astrophysical Journal, 2015, 807, 169.	1.6	26
252	Detection of the Geminga pulsar with MAGIC hints at a power-law tail emission beyond 15 GeV. Astronomy and Astrophysics, 2020, 643, L14.	2.1	26

#	ARTICLE	IF	CITATIONS
253	Search for neutrino bursts from collapsing stars with the MACRO detector. <i>Astroparticle Physics</i> , 1992, 1, 11-25.	1.9	25
254	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April [*] . <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 29.	3.0	25
255	MAGIC observations of the diffuse γ -ray emission in the vicinity of the Galactic center. <i>Astronomy and Astrophysics</i> , 2020, 642, A190.	2.1	25
256	Proton acceleration in thermonuclear nova explosions revealed by gamma rays. <i>Nature Astronomy</i> , 2022, 6, 689-697.	4.2	25
257	FERMI 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
258	SUZAKU 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
259	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016, 819, 98.	1.6	23
260	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
261	Improvements in the CR39 polymer for the macro experiment at the Gran Sasso Laboratory. <i>International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements</i> , 1991, 19, 641-646.	0.6	22
262	Testing emission models on the extreme blazar 2WHSP J073326.7+515354 detected at very high energies with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2284-2299.	1.6	22
263	Antiproton Production in 1.5 A GeV/c Au+Pb Nucleus-Nucleus Collisions. <i>Physical Review Letters</i> , 1997, 79, 3351-3354.	2.9	21
264	High statistics measurement of the underground muon pair separation at Gran Sasso. <i>Physical Review D</i> , 1999, 60, .	1.6	21
265	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
266	Combined searches for dark matter in dwarf spheroidal galaxies observed with the MAGIC telescopes, including new data from Coma Berenices and Draco. <i>Physics of the Dark Universe</i> , 2022, 35, 100912.	1.8	21
267	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
268	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228.	4.7	20
269	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018, 121, 241101.	2.9	20
270	Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. <i>Astronomy and Astrophysics</i> , 2020, 640, A132.	2.1	20

#	ARTICLE	IF	CITATIONS
271	Simultaneous observation of extensive air showers and deep-underground muons at the Gran Sasso Laboratory. <i>Physical Review D</i> , 1990, 42, 1396-1403.	1.6	19
272	Performance of the CAPRICE RICH detector during the 1994 balloon flight. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 371, 169-173.	0.7	19
273	Search for exotic strange quark matter in high energy nuclear reactions. <i>Nuclear Physics A</i> , 1997, 625, 494-512.	0.6	19
274	The Space Experiment PAMELA. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004, 134, 39-46.	0.5	19
275	<i>FERMI</i>OBSERVATIONS OF $\hat{\gamma}$ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012, 758, 140.	1.6	19
276	Detection of the Crab Nebula with the 9.7Åm prototype Schwarzschild-Couder telescope. <i>Astroparticle Physics</i> , 2021, 128, 102562.	1.9	19
277	The performance of MACRO liquid scintillator in the search for magnetic monopoles with $10\hat{a}^3 < \hat{I}^2 < 1$. <i>Astroparticle Physics</i> , 1997, 6, 113-128.	1.9	18
278	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
279	Simultaneous multi-wavelength campaign on PKSÅ2005-489 in a high state. <i>Astronomy and Astrophysics</i> , 2011, 533, A110.	2.1	18
280	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015, 809, L2.	3.0	18
281	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
282	Real time supernova neutrino burst detection with MACRO. <i>Astroparticle Physics</i> , 1998, 8, 123-133.	1.9	17
283	Search for lightly ionizing particles with the MACRO detector. <i>Physical Review D</i> , 2000, 62, .	1.6	17
284	Search for strange quark matter produced in relativistic heavy ion collisions. <i>Physical Review C</i> , 2001, 63, .	1.1	17
285	A transition radiation detector for positron identification in a balloon-borne particle astrophysics experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 357, 588-600.	0.7	16
286	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
287	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5.	3.0	15
288	Investigation of the correlation patterns and the Compton dominance variability of Mrk 421 in 2017. <i>Astronomy and Astrophysics</i> , 2021, 655, A89.	2.1	15

#	ARTICLE	IF	CITATIONS
289	Arrival time distributions of very high energy cosmic ray muons in MACRO. Nuclear Physics B, 1992, 370, 432-444.	0.9	14
290	Observation of the shadowing of cosmic rays by the Moon using a deep underground detector. Physical Review D, 1998, 59, .	1.6	14
291	Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D85, 083007 (2012)]. Physical Review D, 2012, 85, .	1.6	14
292	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH FERMI. Astrophysical Journal, 2012, 754, 121.	1.6	14
293	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7-3946. Astrophysical Journal, 2017, 840, 74.	1.6	14
294	An intermittent extreme BL Lac: MWL study of 1ES2344+514 in an enhanced state. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3912-3928.	1.6	14
295	Gamma Rays from Fast Black-hole Winds. Astrophysical Journal, 2021, 921, 144.	1.6	14
296	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. Science, 2022, 376, 521-523.	6.0	14
297	A direct measurement of the energy spectrum of cosmic ray muons in the Mont Blanc underground laboratory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 193, 131-134.	1.5	13
298	A high rejection transition radiation detector prototype to distinguish positrons from protons in a cosmic ray space laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 313, 295-302.	0.7	13
299	A large area transition radiation detector to measure the energy of muons in the Gran Sasso underground laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 365, 214-223.	0.7	13
300	Study of the combined particle identification capability of a transition radiation detector and a silicon imaging calorimeter during the TS93 balloon flight. Astroparticle Physics, 1997, 7, 219-230.	1.9	13
301	ABOUT SEPARATION OF HADRON AND ELECTROMAGNETIC CASCADES IN THE PAMELA CALORIMETER. International Journal of Modern Physics A, 2005, 20, 6745-6748.	0.5	13
302	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. Astrophysical Journal, 2014, 784, 118.	1.6	13
303	Multiwavelength variability and correlation studies of Mrk421 during historically low X-ray and γ -ray activity in 2015-2016. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	13
304	A transition radiation detector to measure the energy of cosmic ray muons in an underground laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1987, 256, 38-46.	0.7	12
305	A comparison between a neural network and the likelihood method to evaluate the performance of a transition radiation detector. Computer Physics Communications, 1993, 78, 17-22.	3.0	12
306	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

#	ARTICLE	IF	CITATIONS
307	Strangelets, antimatter and coalescence: First results from BNL E864. Nuclear Physics A, 1996, 610, 297-305.	0.6	11
308	VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. Astronomy and Astrophysics, 2021, 647, A163.	2.1	11
309	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017â€“2019. Astrophysical Journal, 2022, 927, 197.	1.6	11
310	A Monte Carlo program to design a transition radiation detector. Computer Physics Communications, 1988, 51, 431-441.	3.0	10
311	A transition radiation detector prototype to measure the energy of muons in cosmic ray laboratories. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 305, 192-199.	0.7	10
312	A search for dark matter in TriangulumÂ All with the MAGIC telescopes. Physics of the Dark Universe, 2020, 28, 100529.	1.8	10
313	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. Astrophysical Journal, 2021, 923, 241.	1.6	10
314	WiZard Siâ—W imaging calorimeter: a preliminary study on its particle identification capability during a balloon flight in 1993. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 17-21.	0.7	9
315	Search for neutral strange quark matter in high energy heavy ion collisions. Physical Review C, 1999, 59, R1829-R1833.	1.1	9
316	A combined analysis technique for the search for fast magnetic monopoles with the MACRO detector. Astroparticle Physics, 2002, 18, 27-41.	1.9	9
317	Search for cosmic ray sources using muons detected by the MACRO experiment. Astroparticle Physics, 2003, 18, 615-627.	1.9	9
318	Preliminary results of the LAT Calibration Unit beam tests. AIP Conference Proceedings, 2007, , .	0.3	9
319	RADIO AND Î³-RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. Astrophysical Journal, 2011, 728, 77.	1.6	9
320	Silicon Photomultipliers and front-end electronics performance for Cherenkov Telescope Array camera development. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 8-11.	0.7	9
321	Development of a SiPM based camera for Cherenkov Telescope Array. Nuclear and Particle Physics Proceedings, 2017, 291-293, 55-58.	0.2	9
322	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. Astrophysical Journal, 2019, 883, 33.	1.6	9
323	Transition radiation detectors for particle physics and astrophysics. Rivista Del Nuovo Cimento, 2001, 24, 1-172.	2.0	9
324	A Monte Carlo program to design a multiple module transition radiation detector. Computer Physics Communications, 1990, 61, 395-409.	3.0	8

#	ARTICLE	IF	CITATIONS
325	A spectrometer for study of high mass objects created in relativistic heavy ion reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 437, 222-246.	0.7	8
326	Cosmic-ray observations of the heliosphere with the PAMELA experiment. Advances in Space Research, 2006, 37, 1848-1852.	1.2	8
327	Identification of cosmic ray electrons and positrons by neural networks. Astroparticle Physics, 1996, 5, 111-117.	1.9	7
328	Straw chambers operating in vacuum for particle tracking and transition radiation detection in accelerator and space experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 381, 39-48.	0.7	7
329	The NOE detector for a long baseline neutrino oscillation experiment. Nuclear Physics, Section B, Proceedings Supplements, 1999, 70, 223-226.	0.5	7
330	PAMELA: a satellite experiment for antiparticles measurement in cosmic rays. IEEE Transactions on Nuclear Science, 2004, 51, 854-859.	1.2	7
331	The Cherenkov Telescope Array potential for the study of young supernova remnants. Astroparticle Physics, 2015, 62, 152-164.	1.9	7
332	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366.	1.6	7
333	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. Astrophysical Journal, Supplement Series, 2021, 256, 13.	3.0	7
334	R&D results from the NOE scintillating fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 459, 123-134.	0.7	6
335	A Silicon Transition Radiation Detector for space and accelerator applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 564, 115-125.	0.7	6
336	Bright Gamma-Ray Flares Observed in GRB 131108A. Astrophysical Journal Letters, 2019, 886, L33.	3.0	6
337	The transition radiation detector of the PAMELA space mission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 77-80.	0.7	5
338	Construction, test and calibration of the GLAST silicon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 583, 9-13.	0.7	5
339	FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. Astrophysical Journal, 2016, 822, 68.	1.6	5
340	Development of a Charge Preamplifier to Improve NUV-HD SiPM Performances. Nuclear and Particle Physics Proceedings, 2017, 291-293, 40-43.	0.2	5
341	A fast transition radiation detector for high-energy particles selection and triggering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 455, 305-318.	0.7	4
342	The NOE scintillating fiber calorimeter prototype test results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 456, 259-271.	0.7	4

#	ARTICLE	IF	CITATIONS
343	The GLAST LAT tracker construction and test. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 570, 276-280.	0.7	4
344	Beam test results with a reduced scale Silicon Transition Radiation Detector prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 577, 519-522.	0.7	4
345	Solar System Gamma Ray observations using Fermi-LAT detector. , 2009, , .		4
346	Possible interpretations of the high energy cosmic ray electron spectrum measured with the Fermi space telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 48-51.	0.7	4
347	An upgrade of the camera focal plane of a SchwarzschildCoudé Telescope prototype (pSCT) for the Cherenkov Telescope Array (CTA). Nuclear and Particle Physics Proceedings, 2017, 291-293, 48-51.	0.2	4
348	Status of the development of NUV SiPMs for INFN optical modules for the SCT medium sized telescope proposed for the CTA observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 982, 164486.	0.7	4
349	First detection of VHE gamma-ray emission from TXSÂ1515â€“273, study of its X-ray variability and spectral energy distribution. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1528-1545.	1.6	4
350	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. Astrophysical Journal, 2022, 932, 129.	1.6	4
351	A muon trigger for the MACRO apparatus. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 300, 581-585.	0.7	3
352	Search for GUT magnetic monopoles and nuclearites with the MACRO experiment. Radiation Measurements, 2003, 36, 301-305.	0.7	3
353	Test beam results for a Silicon TRD (SiTRD) prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 148-152.	0.7	3
354	Time correlations of high energy muons in an underground detector. Astroparticle Physics, 2005, 23, 341-348.	1.9	3
355	Space qualification tests of the PAMELA instrument. Advances in Space Research, 2006, 37, 1841-1847.	1.2	3
356	GLAST LAT Full Simulation. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 62-65.	0.5	3
357	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
358	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
359	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
360	The large size telescope of the Cherenkov Telescope Array. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
361	Development of the camera for the large size telescopes of the Cherenkov Telescope Array. Proceedings of SPIE, 2014, , .	0.8	3
362	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. Astrophysical Journal, 2016, 820, 72.	1.6	3
363	Towards the development of a SiPM-based camera for the Cherenkov Telescope Array. EPJ Web of Conferences, 2017, 136, 03022.	0.1	3
364	Characterization of FBK NUV-HD SiPMs for the pSCT camera proposed for the Cherenkov Telescope Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 542-544.	0.7	3
365	Studying the nature of the unidentified gamma-ray source HESS J1841â"055 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3734-3745.	1.6	3
366	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. Astrophysical Journal, 2022, 933, 204.	1.6	3
367	Coincident observation of air Åerenkov light by a surface array and muon bundles by a deep underground detector. Physical Review D, 1994, 50, 3046-3058.	1.6	2
368	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
369	Positron identification by TRDs in TS93 and PAMELA experiments. Nuclear Physics, Section B, Proceedings Supplements, 1997, 54, 375-380.	0.5	2
370	Relevance of the hadronic interaction model in the interpretation of multiple muon data as detected with the MACRO experiment. Nuclear Physics, Section B, Proceedings Supplements, 1999, 75, 265-268.	0.5	2
371	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
372	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
373	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
374	A TRD for space borne apparatus. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 563, 346-348.	0.7	2
375	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
376	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
377	Towards the development of a SiPM-based module for the camera of the Schwarzschild-Couder Telescope prototype of the Cherenkov Telescope Array. , 2017, , .		2
378	Characterization and assembly of near-ultraviolet SiPMs for the Schwarzschild-Couder medium-size telescope proposed for the CTA Observatory. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
379	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021, 922, 251.	1.6	2
380	Transition radiation detectors for underground and space laboratories. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1991, 23, 150-158.	0.5	1
381	A transition radiation detector for particle astrophysics experiments using low power consumption electronics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992, 323, 71-77.	0.7	1
382	Search for neutrinos from the Sun and the Earth with the MACRO detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996, 48, 87-90.	0.5	1
383	Evaluation of candidate photomultiplier tubes for the NOE scintillating fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 483, 660-669.	0.7	1
384	A silicon spectrometer for transition radiation detection for space applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 514, 194-199.	0.7	1
385	Perspectives on the performance of a multilayer Silicon TRD (SiTRD). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 522, 153-156.	0.7	1
386	STATUS AND PERSPECTIVES OF GLAST GAMMA RAY EXPERIMENT. <i>International Journal of Modern Physics A</i> , 2005, 20, 7009-7011.	0.5	1
387	A full Monte Carlo Simulation code for silicon strip detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 150, 58-61.	0.5	1
388	GLAST LAT tracker signal simulation and trigger timing study. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 150, 66-69.	0.5	1
389	Particle identification with the Silicon Transition Radiation Detector (SiTRD): State of art and future perspectives. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 563, 388-391.	0.7	1
390	Fermi LAT observation of quiet gamma-ray emission from the Sun and first solar flares detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 692, 262-264.	0.7	1
391	Observations of the gamma-ray emission from the Quiescent Sun with Fermi Large Area Telescope during the first 7 years in orbit. <i>EPJ Web of Conferences</i> , 2017, 136, 03007.	0.1	1
392	Fermi Large Area Telescope Observations of the gamma-ray emission from the Quiescent Sun. <i>Nuclear and Particle Physics Proceedings</i> , 2017, 291-293, 36-39.	0.2	1
393	Assembly and test of photo-detection modules for the Schwarzschild Couder Medium Size Telescope prototype for the Cherenkov Telescope Array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 912, 264-268.	0.7	1
394	Characterization and development of NUV SiPMs for INFN optical modules for the SCT Medium Size Telescope proposed for the CTA Observatory. , 2019, , .		1
395	Assembly and validation of SiPM optical modules for the SCT Medium Size Telescope proposed for the CTA observatory. <i>Nuclear and Particle Physics Proceedings</i> , 2019, 306-308, 37-41.	0.2	1
396	Readout chain validation of INFN modules for the CTA-pSCT camera. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 936, 353-355.	0.7	1

#	ARTICLE	IF	CITATIONS
397	Experimental verification of the HERD prototype at CERN SPS. Proceedings of SPIE, 2016, , .	0.8	1
398	Status report of the macro experiment at gran sasso. Nuclear Physics, Section B, Proceedings Supplements, 1990, 13, 368-371.	0.5	0
399	First results from the MACRO detector at the Gran Sasso Laboratory. Nuclear Physics, Section B, Proceedings Supplements, 1990, 16, 486-487.	0.5	0
400	First results from the MACRO experiment at the Gran Sasso Laboratory. Nuclear Physics, Section B, Proceedings Supplements, 1991, 19, 128-137.	0.5	0
401	Cosmic ray search for strange quark matter with the macro detector. Nuclear Physics, Section B, Proceedings Supplements, 1991, 24, 191-194.	0.5	0
402	Search for stellar gravitational collapse by MACRO: Characteristics and results. Nuclear Physics, Section B, Proceedings Supplements, 1992, 28, 61-64.	0.5	0
403	Measurement of electromagnetic and TEV muon components of extensive air showers by eas-top and MACRO experiments. Nuclear Physics, Section B, Proceedings Supplements, 1992, 28, 393-396.	0.5	0
404	Muon astrophysics with the MACRO detector. Nuclear Physics, Section B, Proceedings Supplements, 1994, 35, 229-234.	0.5	0
405	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
406	Searches for magnetic monopoles with the MACRO detector at Gran Sasso. Nuclear Physics, Section B, Proceedings Supplements, 1996, 48, 453-459.	0.5	0
407	High energy cosmic ray physics with the MACRO experiment at Gran Sasso. Nuclear Physics, Section B, Proceedings Supplements, 1997, 52, 172-175.	0.5	0
408	NOE: a long baseline neutrino detector. Nuclear Physics, Section B, Proceedings Supplements, 1998, 66, 428-431.	0.5	0
409	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
410	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
411	GLAST Large Area Telescope simulation tools. , 2003, , .		0
412	UNDERGROUND MUON ENERGY SPECTRA WITH THE MACRO TRD. International Journal of Modern Physics A, 2005, 20, 6968-6970.	0.5	0
413	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
414	Thermal Performance of the GLAST LAT Tracker. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 235-238.	0.5	0

#	ARTICLE	IF	CITATIONS
415	Fermi status and physics. Nuclear Physics, Section B, Proceedings Supplements, 2009, 188, 273-276.	0.5	0
416	Preliminary study on polycrystalline diamond films suitable for radiation detection. , 2009, , .		0
417	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
418	The contribution by Domenico Pacini to the Cosmic Ray Physics. Nuclear Physics, Section B, Proceedings Supplements, 2011, 212-213, 3-12.	0.5	0
419	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
420	Development of a 16-channel matrix of photodetection sensors for medical imaging and astrophysical applications. , 2017, , .		0
421	SiPM optical modules for the Schwarzschild-Couder Medium Size Telescopes proposed for the CTA observatory. EPJ Web of Conferences, 2019, 209, 01049.	0.1	0
422	THE SILICON TRANSITION RADIATION DETECTOR: A TEST WITH A BEAM OF PARTICLES. , 2002, , .		0
423	THE SILICON TRANSITION RADIATION DETECTOR: A FULL MONTE CARLO SIMULATION. , 2002, , .		0
424	PERFORMANCE OF THE SILICON TRANSITION RADIATION DETECTOR (SITRD): BEAM TEST AND SIMULATION RESULTS. , 2004, , .		0
425	SIMULATING THE HIGH ENERGY GAMMA-RAY SKY SEEN BY THE GLAST LARGE AREA TELESCOPE. , 2006, , 309-314.		0
426	OVERVIEW OF THE GLAST PHYSICS. , 2006, , .		0
427	DESIGN OF A SILICON TRANSITION RADIATION DETECTOR (SITRD) FOR ACCELERATORS AND SPACE APPLICATIONS. , 2006, , .		0
428	ENVIRONMENTAL TEST ACTIVITY ON THE FLIGHT MODULES OF THE GLAST LAT TRACKER. , 2006, , .		0
429	A FULL MONTE CARLO SIMULATION OF SILICON STRIP DETECTORS. , 2006, , .		0
430	PERFORMANCE OF THE INTEGRATED TRACKER TOWERS OF THE GLAST LARGE AREA TELESCOPE. , 2006, , .		0
431	SEARCH OF OPTIMIZED CUTS FOR GAMMA-RAY PULSAR DETECTION WITH GLAST-LAT INSTRUMENT. , 2007, , .		0
432	STUDY OF THE PERFORMANCE AND CALIBRATION OF THE GLAST-LAT SILICON TRACKER. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
433	STUDY OF THE PERFORMANCE OF THE GLAST LAT AS A GROUND-BASED COSMIC RAY OBSERVATORY. , 2008, , .		0
434	APPLICATION OF THE CHANNELING RADIATION FOR PARTICLE IDENTIFICATION. , 2008, , .		0
435	PERFORMANCE THE GLAST-LAT: BEAM TEST RESULTS. , 2008, , .		0
436	PARTICLE BEAM TESTS FOR THE GLAST-LAT CALIBRATION. , 2008, , .		0
437	LUNAR GAMMA RAY EMISSION AS OBSERVED BY FERMI. Astroparticle, Particle, Space Physics, Radiation Interaction, Detectors and Medical Physics Applications, 2012, , 55-59.	0.1	0
438	Verification of the optical system of the 9.7-m prototype Schwarzschild-Couder Telescope. , 2020, , .		0
439	Electrical and Geometrical Characterization of the Silicon Flight Sensors of the GLAST/LAT Tracking System. , 2007, , 65-66.		0
440	Environmental Testing of the GLAST Tracker Subsystem. , 2007, , 67-68.		0