

Aldo Morselli

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6082742/aldo-morselli-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

473
papers

41,523
citations

108
h-index

192
g-index

532
ext. papers

45,520
ext. citations

6.6
avg, IF

5.56
L-index

#	Paper	IF	Citations
473	THE LARGE AREA TELESCOPE ON THE FERMI GAMMA-RAY SPACE TELESCOPE EMISSION. <i>Astrophysical Journal</i> , 2009 , 697, 1071-1102	4.7	2463
472	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , 2017 , 848, L12	7.9	1935
471	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015 , 218, 23	8	1100
470	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 199, 31	8	1003
469	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2010 , 188, 405-436	8	754
468	Measurement of the cosmic ray $e^+ + e^-$ spectrum from 20 GeV to 1 TeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2009 , 102, 181101	7.4	714
467	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	7.4	598
466	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 208, 17	8	583
465	THE SPECTRAL ENERGY DISTRIBUTION OF FERMI BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010 , 716, 30-70	4.7	580
464	Detection of the characteristic pion-decay signature in supernova remnants. <i>Science</i> , 2013 , 339, 807-11	33.3	475
463	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 743, 171	4.7	473
462	Fermi observations of high-energy gamma-ray emission from GRB 080916C. <i>Science</i> , 2009 , 323, 1688-93	33.3	467
461	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015 , 799, 86	4.7	421
460	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	7.4	414
459	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018 , 361,	33.3	407
458	Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 33	8	406
457	FERMI-LAT OBSERVATIONS OF THE DIFFUSE γ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012 , 750, 3	4.7	405

456	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	7.4	396
455	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015 , 810, 14	4.7	391
454	A limit on the variation of the speed of light arising from quantum gravity effects. <i>Nature</i> , 2009 , 462, 331-4	50.4	378
453	Measurement of separate cosmic-ray electron and positron spectra with the Fermi large area telescope. <i>Physical Review Letters</i> , 2012 , 108, 011103	7.4	378
452	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010 , 715, 429-457	4.7	375
451	THE FIRST FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010 , 187, 460-494	8	365
450	FERMI /LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009 , 183, 46-66	8	357
449	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 203, 4	8	356
448	FERMI OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. <i>Astrophysical Journal</i> , 2009 , 706, L138-L144	4.7	322
447	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014 , 89,	4.9	320
446	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THE FERMI LARGE AREA TELESCOPE ALL-SKY SURVEY. <i>Astrophysical Journal</i> , 2009 , 700, 597-622	4.7	318
445	PAMELA [A payload for antimatter matter exploration and light-nuclei astrophysics. <i>Astroparticle Physics</i> , 2007 , 27, 296-315	2.4	317
444	FERMI 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	4.7	269
443	Gamma-ray flares from the Crab Nebula. <i>Science</i> , 2011 , 331, 739-42	33.3	263
442	A change in the optical polarization associated with a gamma-ray flare in the blazar 3C 279. <i>Nature</i> , 2010 , 463, 919-23	50.4	254
441	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	8	251
440	Discovery of powerful gamma-ray flares from the Crab Nebula. <i>Science</i> , 2011 , 331, 736-9	33.3	249
439	Fermi LAT observations of cosmic-ray electrons from 7 GeV to 1 TeV. <i>Physical Review D</i> , 2010 , 82,	4.9	249

438	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT FERMI-DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2010 , 722, 520-542	4-7	247
437	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE FERMI-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 755, 164	4-7	245
436	The AGILE Mission. <i>Astronomy and Astrophysics</i> , 2009 , 502, 995-1013	5-1	244
435	Detection of 16 gamma-ray pulsars through blind frequency searches using the Fermi LAT. <i>Science</i> , 2009 , 325, 840-4	33-3	232
434	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016 , 819, 44	4-7	230
433	OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL GALAXIES WITH THE FERMI-LARGE AREA TELESCOPE DETECTOR AND CONSTRAINTS ON DARK MATTER MODELS. <i>Astrophysical Journal</i> , 2010 , 712, 147-158	4-7	224
432	FERMI-LARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. <i>Astrophysical Journal</i> , 2010 , 708, 1254-1267	4-7	213
431	FERMI-LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011 , 736, 131	4-7	212
430	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	2-4	204
429	THE FIRST FERMI-LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 11	8	203
428	Gamma-ray emission from the shell of supernova remnant W44 revealed by the Fermi LAT. <i>Science</i> , 2010 , 327, 1103-6	33-3	201
427	RADIO-LOUD NARROW-LINE SEYFERT 1 AS A NEW CLASS OF GAMMA-RAY ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009 , 707, L142-L147	4-7	198
426	THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES. <i>Astrophysical Journal</i> , 2014 , 793, 64	4-7	197
425	The Cosmic-Ray Electron and Positron Spectra Measured at 1 AU during Solar Minimum Activity. <i>Astrophysical Journal</i> , 2000 , 532, 653-669	4-7	195
424	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7B946 WITH THE FERMI-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 734, 28	4-7	193
423	FERMI LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. <i>Astrophysical Journal</i> , 2009 , 706, L1-L6	4-7	193
422	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 222, 5	8	189
421	OBSERVATION OF SUPERNOVA REMNANT IC 443 WITH THE FERMI-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010 , 712, 459-468	4-7	187

4 ²⁰	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,	4.9	184
4 ¹⁹	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 826, L13	7.9	183
4 ¹⁸	The imprint of the extragalactic background light in the gamma-ray spectra of blazars. <i>Science</i> , 2012 , 338, 1190-2	33.3	182
4 ¹⁷	Modulated high-energy gamma-ray emission from the microquasar Cygnus X-3. <i>Science</i> , 2009 , 326, 1512-6,	33.3	177
4 ¹⁶	A population of gamma-ray millisecond pulsars seen with the Fermi Large Area Telescope. <i>Science</i> , 2009 , 325, 848-52	33.3	177
4 ¹⁵	Fermi-LAT observations of the gamma-ray burst GRB 130427A. <i>Science</i> , 2014 , 343, 42-7	33.3	172
4 ¹⁴	3FHL: The Third Catalog of Hard Fermi -LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 232, 18	8	170
4 ¹³	A cocoon of freshly accelerated cosmic rays detected by Fermi in the Cygnus superbubble. <i>Science</i> , 2011 , 334, 1103-7	33.3	168
4 ¹²	Fermi gamma-ray imaging of a radio galaxy. <i>Science</i> , 2010 , 328, 725-9	33.3	168
4 ¹¹	The Cosmic-Ray Proton and Helium Spectra between 0.4 and 200 GV. <i>Astrophysical Journal</i> , 1999 , 518, 457-472	4.7	164
4 ¹⁰	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.40.1). <i>Astrophysical Journal</i> , 2010 , 718, 348-356	4.7	163
4 ⁰⁹	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	161
4 ⁰⁸	DETECTION OF GAMMA-RAY EMISSION FROM THE STARBURST GALAXIES M82 AND NGC 253 WITH THE LARGE AREA TELESCOPE ON FERMI. <i>Astrophysical Journal Letters</i> , 2010 , 709, L152-L157	7.9	161
4 ⁰⁷	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 34	8	160
4 ⁰⁶	INSIGHTS INTO THE HIGH-ENERGY BRAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE FERMI ERA. <i>Astrophysical Journal</i> , 2011 , 727, 129	4.7	159
4 ⁰⁵	THE FERMI-LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. <i>Astrophysical Journal</i> , 2010 , 720, 435-453	4.7	158
4 ⁰⁴	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017 , 840, 43	4.7	157
4 ⁰³	FERMI OBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. <i>Astrophysical Journal</i> , 2010 , 710, 133-149	4.7	156

402	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013 , 88,	4.9	155
401	FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. <i>Astrophysical Journal Letters</i> , 2011 , 733, L26	7.9	153
400	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	7.4	153
399	The Cosmic-Ray Antiproton Flux between 3 and 49 GeV. <i>Astrophysical Journal</i> , 2001 , 561, 787-799	4.7	153
398	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011 , 729, 114	4.7	152
397	FERMIDISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009 , 699, 31-39	4.7	151
396	SPECTRAL PROPERTIES OF BRIGHTFERMI-DETECTED BLAZARS IN THE GAMMA-RAY BAND. <i>Astrophysical Journal</i> , 2010 , 710, 1271-1285	4.7	150
395	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROMFERMI-LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012 , 761, 91	4.7	148
394	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 8	8	148
393	Detection of terrestrial gamma ray flashes up to 40 MeV by the AGILE satellite. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		144
392	Pre-launch estimates for GLAST sensitivity to dark matter annihilation signals. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008 , 2008, 013	6.4	143
391	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	4.7	140
390	Gamma-ray emission concurrent with the nova in the symbiotic binary V407 Cygni. <i>Science</i> , 2010 , 329, 817-21	33.3	138
389	FERMILARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , 2009 , 707, 55-60	4.7	138
388	Extreme particle acceleration in the microquasar Cygnus X-3. <i>Nature</i> , 2009 , 462, 620-3	50.4	138
387	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	6.4	134
386	FERMI -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. <i>Astrophysical Journal Letters</i> , 2010 , 710, L92-L97	7.9	134
385	Terrestrial gamma-ray flashes as powerful particle accelerators. <i>Physical Review Letters</i> , 2011 , 106, 018501	5.4	133

384	SIMULTANEOUS OBSERVATIONS OF PKS 2155-04 WITH HESS, FERMI, RXTE, AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. <i>Astrophysical Journal</i> , 2009 , 696, L150-L155	4.7	133
383	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009 , 699, 817-823	4.7	133
382	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010 , 720, 912-922	4.7	133
381	MINUTE-TIMESCALE >100 MeV GAMMA-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	7.9	129
380	Fermi large area telescope measurements of the diffuse gamma-ray emission at intermediate galactic latitudes. <i>Physical Review Letters</i> , 2009 , 103, 251101	7.4	129
379	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012 , 757, L31	7.9	129
378	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , 2010 , 717, L71-L78	7.9	129
377	FERMI LARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. <i>Astrophysical Journal</i> , 2010 , 719, 1433-1444	4.7	125
376	FERMI 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	4.7	122
375	SEARCH FOR DARK MATTER SATELLITES USING FERMI-LAT. <i>Astrophysical Journal</i> , 2012 , 747, 121	4.7	120
374	SWIFT AND FERMI OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. <i>Astrophysical Journal Letters</i> , 2010 , 709, L146-L151	7.9	120
373	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	6.4	118
372	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259-63/LS 2883 AROUND PERIASTRON WITH FERMI. <i>Astrophysical Journal Letters</i> , 2011 , 736, L11	7.9	117
371	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	4.7	117
370	The e-ASTROGAM mission. <i>Experimental Astronomy</i> , 2017 , 44, 25-82	1.3	114
369	FERMI LAT OBSERVATIONS OF LS I +61°03: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. <i>Astrophysical Journal</i> , 2009 , 701, L123-L128	4.7	113
368	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009 , 696, 1084-1093	4.7	111
367	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH FERMI -LAT DATA. <i>Astrophysical Journal Letters</i> , 2015 , 809, L4	7.9	110

366	A population of gamma-ray emitting globular clusters seen with the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2010 , 524, A75	5.1	110
365	The cosmic-ray proton and helium spectra measured with the CAPRICE98 balloon experiment. <i>Astroparticle Physics</i> , 2003 , 19, 583-604	2.4	108
364	FERMI /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009 , 706, L56-L61	4.7	107
363	Novae. Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014 , 345, 554-8	33.3	106
362	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009 , 32, 193-219	2.4	106
361	Resolving the Extragalactic γ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016 , 116, 151105	7.4	105
360	FERMI OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009 , 707, 1310-1333	4.7	105
359	The Galactic center as a dark matter gamma-ray source. <i>Astroparticle Physics</i> , 2004 , 21, 267-285	2.4	105
358	Measurements of Ground-Level Muons at Two Geomagnetic Locations. <i>Physical Review Letters</i> , 1999 , 83, 4241-4244	7.4	104
357	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 741, 30	4.7	102
356	Science with e-ASTROGAM: A space mission for MeV-TeV gamma-ray astrophysics. <i>Journal of High Energy Astrophysics</i> , 2018 , 19, 1-106	2.5	101
355	FERMI LARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2010 , 723, 1082-1096	4.7	101
354	Cosmic-ray electron-positron spectrum from 7 GeV to 2 TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017 , 95,	4.9	100
353	Observations of cosmic-ray electrons and positrons using an imaging calorimeter. <i>Astrophysical Journal</i> , 1994 , 436, 769	4.7	100
352	DIRECT EVIDENCE FOR HADRONIC COSMIC-RAY ACCELERATION IN THE SUPERNOVA REMNANT IC 443. <i>Astrophysical Journal Letters</i> , 2010 , 710, L151-L155	7.9	98
351	Observations of the Large Magellanic Cloud with Fermi. <i>Astronomy and Astrophysics</i> , 2010 , 512, A7	5.1	98
350	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , 2015 , 813, L41	7.9	96
349	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014 , 787, 18	4.7	96

348	Measurements of the absolute energy spectra of cosmic-ray positrons and electrons above 70 GeV. <i>Astronomy and Astrophysics</i> , 2002 , 392, 287-294	5.1	93
347	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020 , 892, 105	4.7	93
346	FERMILAT 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	4.7	92
345	FERMILARGE 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	4.7	91
344	Measurement of the Positron to Electron Ratio in the Cosmic Rays above 5 GeV. <i>Astrophysical Journal</i> , 1996 , 457,	4.7	91
343	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM FERMI-RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , 2011 , 726, 81	4.7	88
342	First AGILE catalog of high-confidence gamma-ray sources. <i>Astronomy and Astrophysics</i> , 2009 , 506, 1563-1574	4.7	88
341	Search for Spectral Irregularities due to Photon-Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016 , 116, 161101	7.4	86
340	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OF FERMI-LAT OBSERVATIONS. <i>Astrophysical Journal</i> , 2010 , 713, 154-165	4.7	86
339	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019 , 878, 52	4.7	85
338	RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011 , 742, 27	4.7	85
337	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST FERMI-LAT CATALOG. <i>Astrophysical Journal</i> , 2012 , 753, 83	4.7	85
336	Fermi Large Area Telescope observations of Local Group galaxies: detection of M 31 and search for M 33. <i>Astronomy and Astrophysics</i> , 2010 , 523, L2	5.1	83
335	FERMI-LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. <i>Astrophysical Journal</i> , 2010 , 722, 1303-1311	4.7	82
334	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	4.7	81
333	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF FERMI-LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014 , 787, 15	4.7	81
332	The Fermi Gamma-Ray Space Telescope discovers the pulsar in the young galactic supernova remnant CTA 1. <i>Science</i> , 2008 , 322, 1218-21	33.3	81
331	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND". <i>Astrophysical Journal</i> , 2010 , 712, 405-420	4.7	80

- 330 Binary millisecond pulsar discovery via gamma-ray pulsations. *Science*, **2012**, 338, 1314-7 33.3 78
- 329 The AGILE space mission. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2008**, 588, 52-62 1.2 76
- 328 PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE FERMI LARGE AREA TELESCOPE. *Astrophysical Journal*, **2010**, 710, 810-827 4.7 75
- 327 THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. *Astrophysical Journal*, **2009**, 691, L13-L19 4.7 74
- 326 Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. *Physical Review D*, **2012**, 85, 4.9 73
- 325 DETECTION OF GAMMA-RAY EMISSION FROM THE ETA-CARINAE REGION. *Astrophysical Journal*, **2009**, 698, L142-L146 4.7 73
- 324 Space travel: Dual origins of light flashes seen in space. *Nature*, **2003**, 422, 680 50.4 72
- 323 A gamma-ray determination of the Universe's star formation history. *Science*, **2018**, 362, 1031-1034 33.3 71
- 322 The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. *Astrophysical Journal, Supplement Series*, **2018**, 237, 32 8 70
- 321 CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING FERMI LARGE AREA TELESCOPE OBSERVATIONS. *Astrophysical Journal*, **2013**, 773, 77 4.7 70
- 320 FERMI LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. *Astrophysical Journal*, **2011**, 734, 116 4.7 68
- 319 SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. *Astrophysical Journal*, **2016**, 819, 149 4.7 67
- 318 Detection of high-energy gamma-ray emission from the globular cluster 47 Tucanae with Fermi. *Science*, **2009**, 325, 845-8 33.3 67
- 317 Periodic emission from the gamma-ray binary 1FGL J1018.6-5856. *Science*, **2012**, 335, 189-93 33.3 66
- 316 MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. *Astrophysical Journal*, **2009**, 707, 727-737 4.7 66
- 315 AGILE Detection of a Strong Gamma-Ray Flare from the Blazar 3C 454.3. *Astrophysical Journal*, **2008**, 676, L13-L16 4.7 66
- 314 Detection of the Small Magellanic Cloud in gamma-rays with Fermi/LAT. *Astronomy and Astrophysics*, **2010**, 523, A46 5.1 65
- 313 DETECTION OF THE ENERGETIC PULSAR PSR B1509-58 AND ITS PULSAR WIND NEBULA IN MSH 1552 USING THE FERMI-LARGE AREA TELESCOPE. *Astrophysical Journal*, **2010**, 714, 927-936 4.7 65

312	Measurement of Cosmic-Ray Antiprotons from 3.7 to 19 GeV. <i>Astrophysical Journal</i> , 1996 , 467, L33-L36	4.7	65
311	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013 , 763, 71	4.7	64
310	AGILE detection of GeV γ emission from the SNR W28. <i>Astronomy and Astrophysics</i> , 2010 , 516, L11	5.1	64
309	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010 , 711, 64-74	4.7	64
308	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009 , 707, 612-620	4.7	62
307	Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 008-008	6.4	61
306	Balloon measurements of cosmic ray muon spectra in the atmosphere along with those of primary protons and helium nuclei over midlatitude. <i>Physical Review D</i> , 1999 , 60,	4.9	61
305	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. I. THE AGILE2007 NOVEMBER CAMPAIGN ON THE "CRAZY DIAMOND" <i>Astrophysical Journal</i> , 2009 , 690, 1018-1030	4.7	60
304	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011 , 726, 43	4.7	59
303	THE DISCOVERY OF γ EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010 , 715, L49-L55	7.9	59
302	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010 , 713, 146-153	4.7	59
301	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. <i>Astrophysical Journal Letters</i> , 2010 , 712, L10-L15	7.9	59
300	Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2010 , 82,	4.9	58
299	Properties of terrestrial gamma ray flashes detected by AGILE MCAL below 30 MeV. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 1337-1355	2.6	57
298	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	7.9	57
297	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE FERMILARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013 , 765, 54	4.7	56
296	AGILE detection of extreme γ activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , 2011 , 529, A145	5.1	56
295	Search for dark matter with GLAST. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 213-220		56

- 294 FERMI-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. *Astrophysical Journal*, **2011**, 726, 35 4.7 55
- 293 DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. *Astrophysical Journal Letters*, **2010**, 708, L100-L106 7.9 55
- 292 FERMILARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF ETA CARINAE. *Astrophysical Journal*, **2010**, 723, 649-657 4.7 55
- 291 Absolute spectrum and charge ratio of cosmic ray muons in the energy region from 0.2 GeV to 100 GeV at 600 m above sea level. *Journal of Geophysical Research*, **1993**, 98, 3501-3507 55
- 290 FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. *Astrophysical Journal*, **2009**, 707, 580-592 4.7 53
- 289 PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE γ RAY PULSAR SEEN BY THE Fermi LAT. *Astrophysical Journal Letters*, **2013**, 777, L2 7.9 52
- 288 FERMI DETECTION OF γ RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. *Astrophysical Journal*, **2012**, 745, 144 4.7 52
- 287 FERMI DETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. *Astrophysical Journal*, **2010**, 712, 558-564 4.7 52
- 286 Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. *Astrophysical Journal*, **2017**, 836, 208 4.7 51
- 285 The first pulse of the extremely bright GRB 130427A: a test lab for synchrotron shocks. *Science*, **2014**, 343, 51-4 33.3 51
- 284 Fermi detection of a luminous γ ray pulsar in a globular cluster. *Science*, **2011**, 334, 1107-10 33.3 51
- 283 Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations. *Astronomy and Astrophysics*, **2016**, 586, A71 5.1 50
- 282 FERMI-LAT OBSERVATIONS OF THE GEMINGA PULSAR. *Astrophysical Journal*, **2010**, 720, 272-283 4.7 50
- 281 THE CRAB NEBULA SUPER-FLARE IN 2011 APRIL: EXTREMELY FAST PARTICLE ACCELERATION AND GAMMA-RAY EMISSION. *Astrophysical Journal Letters*, **2011**, 741, L5 7.9 49
- 280 DISCOVERY OF NEW GAMMA-RAY PULSARS WITH AGILE. *Astrophysical Journal*, **2009**, 695, L115-L119 4.7 49
- 279 FERMILARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. *Astrophysical Journal*, **2016**, 826, 1 4.7 48
- 278 Fermi large area telescope observations of the cosmic-ray induced γ ray emission of the Earth's atmosphere. *Physical Review D*, **2009**, 80, 4.9 48
- 277 THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. *Astrophysical Journal Letters*, **2010**, 716, L170-L175 7.9 48

276	AGILE detection of delayed gamma-ray emission from GRB 080514B. <i>Astronomy and Astrophysics</i> , 2008 , 491, L25-L28	5.1	48
275	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010 , 708, 1426-1441	4.7	47
274	FERMI -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	7.9	47
273	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	4.7	46
272	FERMI LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2012 , 755, 22	4.7	46
271	THE FIRST FERMI MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , 2011 , 730, 101	4.7	46
270	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017 , 835, 219	4.7	44
269	AGILE DETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. <i>Astrophysical Journal Letters</i> , 2010 , 708, L84-L88	7.9	44
268	An X-ray burst from a magnetar enlightening the mechanism of fast radio bursts. <i>Nature Astronomy</i> , 2021 , 5, 401-407	12.1	44
267	Constraints on WIMP annihilation for contracted dark matter in the inner Galaxy with the Fermi-LAT. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 029-029	6.4	43
266	THE FERMI 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	4.7	43
265	DISCOVERY OF PULSED GAMMA RAYS FROM PSR J0034-0534 WITH THE FERMI LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND GEAR EMISSION REGIONS. <i>Astrophysical Journal</i> , 2010 , 712, 957-963	4.7	43
264	Uncertainties of cosmic ray spectra and detectability of antiproton msUGRA contributions with PAMELA. <i>Journal of Cosmology and Astroparticle Physics</i> , 2005 , 2005, 010-010	6.4	43
263	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017 , 846, 34	4.7	42
262	HIGH-RESOLUTION TIMING OBSERVATIONS OF SPIN-POWERED PULSARS WITH THE AGILE GAMMA-RAY TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 691, 1618-1633	4.7	42
261	FERMI -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 823, L2	7.9	42
260	AGILE OBSERVATIONS OF THE GRAVITATIONAL-WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 825, L4	7.9	41
259	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2012 , 747, 104	4.7	41

258	High altitude test of RPCs for the Argo YBJ experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 443, 342-350 ^{1,2}	41
257	AGILE detection of a rapid γ -ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring. <i>Astronomy and Astrophysics</i> , 2009 , 508, 181-189	5.1 41
256	Search for 100 MeV to 10 GeV γ -ray lines in the Fermi-LAT data and implications for gravitino dark matter in the BSM. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 023-023	6.4 40
255	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012 , 751, 159	4.7 40
254	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914[(2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 225, 8	8 38
253	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2015 , 812, 159	4.7 38
252	The cosmic-ray and gas content of the Cygnus region as measured in γ -rays by the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2012 , 538, A71	5.1 38
251	SEARCH FOR GAMMA-RAY EMISSION FROM MAGNETARS WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal Letters</i> , 2010 , 725, L73-L78	7.9 38
250	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. II. THE AGILE 2007 DECEMBER CAMPAIGN. <i>Astrophysical Journal</i> , 2009 , 707, 1115-1123	4.7 38
249	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 700, 1059-1066	4.7 38
248	Performance of a balloon-borne magnet spectrometer for cosmic ray studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991 , 306, 366-377	1.2 38
247	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-11 OBSERVED BY FERMI-LAT. <i>Astrophysical Journal</i> , 2015 , 799, 143	4.7 37
246	FERMI OBSERVATIONS OF THE VERY HARD GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal</i> , 2010 , 708, 1310-1320	4.7 37
245	Measurements of cosmic-ray electrons and positrons by the Wizard/CAPRICE collaboration. <i>Advances in Space Research</i> , 2001 , 27, 669-674	2.4 37
244	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7-1. <i>Astrophysical Journal</i> , 2012 , 744, 80	4.7 36
243	PULSED GAMMA RAYS FROM THE MILLISECOND PULSAR J0030+0451 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 699, 1171-1177	4.7 36
242	FERMI LARGE AREA TELESCOPE DETECTION OF PULSED γ -RAYS FROM THE VELA-LIKE PULSARS PSR J1048-832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , 2009 , 706, 1331-1340	4.7 36
241	THE EXTRAORDINARY GAMMA-RAY FLARE OF THE BLAZAR 3C 454.3. <i>Astrophysical Journal</i> , 2010 , 718, 455-459	4.7 36

240	Design and initial tests of the Tracker-converter of the Gamma-ray Large Area Space Telescope. <i>Astroparticle Physics</i> , 2007 , 28, 422-434	2.4	35
239	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	7.4	34
238	ASSOCIATING LONG-TERM γ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 \circ B03. <i>Astrophysical Journal Letters</i> , 2013 , 773, L35	7.9	34
237	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454 β 54. <i>Astrophysical Journal</i> , 2009 , 697, 934-941	4.7	34
236	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 756, 4	4.7	34
235	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017 , 837, L5	7.9	33
234	The ALTEA/ALTEINO projects: studying functional effects of microgravity and cosmic radiation. <i>Advances in Space Research</i> , 2004 , 33, 1352-7	2.4	33
233	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014 , 785, L16	7.9	32
232	The AGILE monitoring of Cygnus X-3: transient gamma-ray emission and spectral constraints. <i>Astronomy and Astrophysics</i> , 2012 , 545, A110	5.1	32
231	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. <i>Astrophysical Journal Letters</i> , 2011 , 734, L27	7.9	32
230	AGILE detection of variable γ -ray activity from the blazar S50716+714 in September-October 2007. <i>Astronomy and Astrophysics</i> , 2008 , 489, L37-L40	5.1	32
229	Eye light flashes on the Mir space station. <i>Acta Astronautica</i> , 2002 , 50, 511-25	2.9	32
228	Measurement of the flux of atmospheric muons with the CAPRICE94 apparatus. <i>Physical Review D</i> , 2000 , 62,	4.9	32
227	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015 , 350, 801-5	33.3	31
226	Detection of gamma-ray emission from the Vela pulsar wind nebula with AGILE. <i>Science</i> , 2010 , 327, 663-53.3	33.3	31
225	DISCOVERY OF PULSED γ -RAYS FROM THE YOUNG RADIO PULSAR PSR J1028 β 819 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 695, L72-L77	4.7	31
224	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE FERMI GAMMA-RAY SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 699, L102-L107	4.7	31
223	Angular power spectrum of the diffuse gamma-ray emission as measured by the Fermi Large Area Telescope and constraints on its dark matter interpretation. <i>Physical Review D</i> , 2016 , 94,	4.9	31

222	Gamma-ray localization of terrestrial gamma-ray flashes. <i>Physical Review Letters</i> , 2010 , 105, 128501	7.4	30
221	FERMILARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010 , 712, 1209-1218	4.7	30
220	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES:FERMIGAMMA-RAY BURST MONITORAND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017 , 835, 82	4.7	29
219	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C +21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014 , 786, 157	4.7	29
218	The PAMELA experiment in space. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 262-268	1.2	29
217	In-flight performance of SilEye-2 experiment and cosmic ray abundances inside the Mir space station. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001 , 27, 2051-2064	2.9	29
216	Monte Carlo performance studies for the site selection of the Cherenkov Telescope Array. <i>Astroparticle Physics</i> , 2017 , 93, 76-85	2.4	28
215	High spatial resolution correlation of AGILE TGFs and global lightning activity above the equatorial belt. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	28
214	Experiment NINA: investigation of low energy nuclear fluxes in the near-Earth space. <i>Astroparticle Physics</i> , 1997 , 8, 109-121	2.4	28
213	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	4.7	28
212	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	1.2	27
211	New Measurement of the Flux of Atmospheric Muons. <i>Physical Review Letters</i> , 1999 , 82, 4757-4760	7.4	27
210	GAMMA-RAY OBSERVATIONS OF CYGNUS X-1 ABOVE 100 MeV IN THE HARD AND SOFT STATES. <i>Astrophysical Journal</i> , 2013 , 766, 83	4.7	26
209	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,	4.9	26
208	First Mass-resolved Measurement of High-Energy Cosmic-Ray Antiprotons. <i>Astrophysical Journal</i> , 2000 , 534, L177-L180	4.7	26
207	AGILEDetection of a Candidate Gamma-Ray Precursor to the ICECUBE-160731 Neutrino Event. <i>Astrophysical Journal</i> , 2017 , 846, 121	4.7	25
206	Inferred cosmic-ray spectrum from Fermi large area telescope γ ray observations of Earth's limb. <i>Physical Review Letters</i> , 2014 , 112, 151103	7.4	25
205	Energy spectra of atmospheric muons measured with the CAPRICE98 balloon experiment. <i>Physical Review D</i> , 2003 , 67,	4.9	25

204	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2012 , 35, 346-353	2.4	24
203	AGILE detection of Cygnus X-3 γ -ray active states during the period mid-2009/mid-2010. <i>Astronomy and Astrophysics</i> , 2012 , 538, A63	5.1	24
202	Gamma-ray burst detection with the AGILE mini-calorimeter. <i>Astronomy and Astrophysics</i> , 2008 , 490, 1151-1156	5.1	24
201	AGILE Observations of the Gravitational-wave Source GW170104. <i>Astrophysical Journal Letters</i> , 2017 , 847, L20	7.9	23
200	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019 , 111, 35-53	2.4	23
199	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE FERMI-LAT. <i>Astrophysical Journal</i> , 2015 , 807, 169	4.7	23
198	FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. <i>Astrophysical Journal Letters</i> , 2010 , 717, L127-L132	7.9	23
197	The WiZard/CAPRICE silicon-tungsten calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 370, 403-412 ^{1,2}		23
196	Measurement of the negative muon spectrum between 0.3 and 40 GeV/c in the atmosphere. <i>Physical Review D</i> , 1996 , 53, 35-43	4.9	23
195	A silicon imaging calorimeter prototype for antimatter search in space: experimental results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 333, 560-566	1.2	23
194	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016 , 819, 98	4.7	22
193	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKS 2155-04 and PG 1553+113. <i>Astronomy and Astrophysics</i> , 2017 , 600, A89	5.1	22
192	The Sileye-Alteino experiment on board the International Space Station. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 71-78		22
191	Study of cosmic rays and light flashes on board Space Station MIR: the SilEye experiment. <i>Advances in Space Research</i> , 2000 , 25, 2075-9	2.4	22
190	A high order method for orbital conjunctions analysis: Sensitivity to initial uncertainties. <i>Advances in Space Research</i> , 2014 , 53, 490-508	2.4	21
189	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057-0226, J1709-429, AND J1952+3252. <i>Astrophysical Journal</i> , 2010 , 720, 26-40	4.7	21
188	AGILE detection of intense gamma-ray emission from the blazar PKS 1510-089. <i>Astronomy and Astrophysics</i> , 2008 , 491, L21-L24	5.1	21
187	Antimatter research in space. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2003 , 29, 903-911	2.9	21

186	In-Orbit Performance of the Space Telescope NINA and Galactic Cosmic-Ray Flux Measurements. <i>Astrophysical Journal, Supplement Series</i> , 2001 , 132, 365-375	8	21
185	The e-ASTROGAM gamma-ray space mission 2016 ,		21
184	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018 , 861, 85	4-7	21
183	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	4-7	20
182	AGILE OBSERVATIONS OF THE SOFT GAMMA-RAY PULSAR PSR B1509-58. <i>Astrophysical Journal</i> , 2010 , 723, 707-712	4-7	19
181	The Space Experiment PAMELA. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004 , 134, 39-46		19
180	ALTEA: anomalous long term effects in astronauts. A probe on the influence of cosmic radiation and microgravity on the central nervous system during long flights. <i>Advances in Space Research</i> , 2003 , 31, 141-6	2.4	19
179	High-Energy Deuteron Measurement with the CAPRICE98 Experiment. <i>Astrophysical Journal</i> , 2004 , 615, 259-274	4-7	19
178	ON THE ANGULAR RESOLUTION OF THE AGILE GAMMA-RAY IMAGING DETECTOR. <i>Astrophysical Journal</i> , 2015 , 809, 60	4-7	18
177	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	1.2	18
176	The Bright-Ray Flare of 3C 279 in 2015 June: AGILE Detection and Multifrequency Follow-up Observations. <i>Astrophysical Journal</i> , 2018 , 856, 99	4-7	17
175	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	4-9	17
174	AGILE mini-calorimeter gamma-ray burst catalog. <i>Astronomy and Astrophysics</i> , 2013 , 553, A33	5-1	17
173	The AGILE observations of the hard and bright GRB 100724B. <i>Astronomy and Astrophysics</i> , 2011 , 535, A120	5-1	17
172	AGILE observation of a gamma-ray flare from the blazar 3C 279. <i>Astronomy and Astrophysics</i> , 2009 , 494, 509-513	5-1	17
171	FERMI OBSERVATIONS OF BAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012 , 758, 140	4-7	17
170	CAPRICE98: A balloon borne magnetic spectrometer to study cosmic ray antimatter and composition at different atmospheric depths. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 78, 32-37		17
169	The space telescope NINA: results of a beam test calibration. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 424, 414-424	1.2	17

168	High energy variability of 3C 273 during the AGILE multiwavelength campaign of December 2007-January 2008. <i>Astronomy and Astrophysics</i> , 2009 , 494, 49-61	5.1	17
167	Gamma-Ray and X-Ray Observations of the Periodic-repeater FRB 180916 during Active Phases. <i>Astrophysical Journal Letters</i> , 2020 , 893, L42	7.9	16
166	Gamma-Light: High-Energy Astrophysics above 10 MeV. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 239-240, 193-198		15
165	AGILE Observations of the Gravitational-wave Source GW170817: Constraining Gamma-Ray Emission from an NS-NS Coalescence. <i>Astrophysical Journal Letters</i> , 2017 , 850, L27	7.9	15
164	Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. <i>Astronomy and Astrophysics</i> , 2011 , 533, A110	5.1	15
163	Isotope composition of secondary hydrogen and helium above the atmosphere measured by the instruments NINA and NINA-2. <i>Journal of Geophysical Research</i> , 2003 , 108,		15
162	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018 , 866, 24	4.7	15
161	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015 , 809, L2	7.9	14
160	Search for Dark Matter with Fermi Large Area Telescope: The Galactic Center. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 147-150	1.2	14
159	The use of RPC in the ARGO-YBJ project. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 78, 38-43		14
158	Measurement of the energy spectra of cosmic ray electron component and protons at ground level. <i>Journal of Geophysical Research</i> , 1995 , 100, 23515		14
157	Sensitivity of the Cherenkov Telescope Array for probing cosmology and fundamental physics with gamma-ray propagation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 048-048	6.4	14
156	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018 , 4, eaao72283	2.4	13
155	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. <i>Astronomy and Astrophysics</i> , 2013 , 558, A37	5.1	13
154	Study of the γ -ray source 1AGL J2022+4032 in the Cygnus region. <i>Astronomy and Astrophysics</i> , 2011 , 525, A33	5.1	13
153	First results about on-ground calibration of the silicon tracker for the AGILE satellite. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 251-257	1.2	13
152	The Sileye-3/Alteino experiment for the study of light flashes, radiation environment and astronaut brain activity on board the International Space Station. <i>Journal of Radiation Research</i> , 2002 , 43 Suppl, S47-52	2.4	13
151	Silicon calorimeter for cosmic antimatter search. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1993 , 32, 77-82		13

150	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7B946. <i>Astrophysical Journal</i> , 2017 , 840, 74	4.7	12
149	Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D 85, 083007 (2012)]. <i>Physical Review D</i> , 2012 , 85,	4.9	12
148	TEMPORAL PROPERTIES OF GX 301B OVER A YEAR-LONG OBSERVATION WITH SuperAGILE. <i>Astrophysical Journal</i> , 2010 , 708, 1663-1673	4.7	12
147	ABOUT SEPARATION OF HADRON AND ELECTROMAGNETIC CASCADES IN THE PAMELA CALORIMETER. <i>International Journal of Modern Physics A</i> , 2005 , 20, 6745-6748	1.2	12
146	AGILE Observations of Two Repeating Fast Radio Bursts with Low Intrinsic Dispersion Measures. <i>Astrophysical Journal Letters</i> , 2020 , 890, L32	7.9	12
145	AGILE Detection of Gamma-Ray Sources Coincident with Cosmic Neutrino Events. <i>Astrophysical Journal</i> , 2019 , 870, 136	4.7	11
144	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017 , 846, L5	7.9	11
143	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH FERMI. <i>Astrophysical Journal</i> , 2012 , 754, 121	4.7	11
142	An updated list of AGILE bright-ray sources and their variability in pointing mode. <i>Astronomy and Astrophysics</i> , 2013 , 558, A137	5.1	11
141	The AGILE mission and its scientific instrument 2006 , 6266, 12		11
140	The AGILE instrument 2003 , 4851, 1151		11
139	The GILDA mission: a new technique for a gamma-ray telescope in the energy range 20 MeV-100 GeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 354, 547-552	1.2	11
138	GRB 070724B: the first gamma ray burst localized by SuperAGILE and its Swift X-ray afterglow. <i>Astronomy and Astrophysics</i> , 2008 , 478, L5-L9	5.1	11
137	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018 , 121, 241101	7.4	11
136	Investigating the Nature of Late-Time High-Energy GRB Emission Through Joint Observations.. <i>Astrophysical Journal</i> , 2018 , 863,	4.7	11
135	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 252, 13	8	11
134	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2018 , 857, 49	4.7	10
133	Study of the combined particle identification capability of a transition radiation detector and a silicon imaging calorimeter during the TS93 balloon flight. <i>Astroparticle Physics</i> , 1997 , 7, 219-230	2.4	10

132	The GLAST tracker design and construction. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 303-309		10
131	DARK MATTER SEARCH WITH GAMMA RAYS: THE EXPERIMENTS EGRET AND GLAST. <i>International Journal of Modern Physics A</i> , 2002 , 17, 1829-1840	1.2	10
130	Matter and antimatter in the same universe?. <i>Rivista Del Nuovo Cimento</i> , 1989 , 12, 1-51	3.5	10
129	&i&t;Letter to the Editor&/i&t; Energy spectrum of secondary protons above the atmosphere measured by the instruments NINA and NINA-2. <i>Annales Geophysicae</i> , 2002 , 20, 1693-1697	2	10
128	LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , 2014 , 784,	4.7	9
127	The characterization of the distant blazar GB6 J1239+0443 from flaring and low activity periods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 2015-2026	4.3	9
126	Upper limits on the high-energy emission from gamma-ray bursts observed by AGILE-GRID. <i>Astronomy and Astrophysics</i> , 2012 , 547, A95	5.1	9
125	RADIO AND ERAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , 2011 , 728, 77	4.7	9
124	In-flight performances of the PAMELA satellite experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 588, 259-266	1.2	9
123	Study of the radiation environment on MIR space station with SILEYE-2 experiment. <i>Advances in Space Research</i> , 2003 , 31, 135-40	2.4	9
122	WiZard Si?W imaging calorimeter: a preliminary study on its particle identification capability during a balloon flight in 1993. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 17-21	1.2	9
121	Sensitivity of the Cherenkov Telescope Array to a dark matter signal from the Galactic centre. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 057-057	6.4	9
120	Science with AGILE. <i>AIP Conference Proceedings</i> , 2001 ,	0	8
119	Characterization of a tagged . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 674, 55-66	1.2	7
118	Indirect detection of dark matter, current status and recent results. <i>Progress in Particle and Nuclear Physics</i> , 2011 , 66, 208-215	10.6	7
117	Monitoring the hard X-ray sky with SuperAGILE. <i>Astronomy and Astrophysics</i> , 2010 , 510, A9	5.1	7
116	The PAMELA space experiment: first year of operation. <i>Journal of Physics: Conference Series</i> , 2008 , 110, 062002	0.3	7
115	PAMELA: a satellite experiment for antiparticles measurement in cosmic rays. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 854-859	1.7	7

114	Performance of the CAPRICE98 balloon-borne gas-RICH detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 463, 161-174	1.2	7
113	(Wibar Zard) 2: a proposal to complement(Wibar Zard) detector with two further modules of tracking calorimeter and an accurate spark counter t.o.f. systemdetector with two further modules of tracking calorimeter and an accurate spark counter t.o.f. system. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1989 , 103, 625-634		7
112	AGILE detection of intense γ activity from the blazar PKS1053741 in October 2008. <i>Astronomy and Astrophysics</i> , 2010 , 522, A109	5.1	7
111	The Cherenkov Telescope Array potential for the study of young supernova remnants. <i>Astroparticle Physics</i> , 2015 , 62, 152-164	2.4	6
110	Negative pion and muon fluxes in atmospheric cascades at a depth of 5 g. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1996 , 22, 145-153	2.9	6
109	The GLAST Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 530, 158-162	1.2	6
108	An investigation of binding sites for paracetamol in the mouse brain and spinal cord. <i>European Journal of Pharmacology</i> , 2005 , 508, 99-106	5.3	6
107	Geomagnetically trapped light isotopes observed with the detector NINA. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 8-1-SMP 8-8		6
106	The space gamma-ray observatory AGILE. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 85, 22-27		6
105	Identification of cosmic ray electrons and positrons by neural networks. <i>Astroparticle Physics</i> , 1996 , 5, 111-117	2.4	6
104	A year-long AGILE observation of Cygnus X-1 in hard spectral state. <i>Astronomy and Astrophysics</i> , 2010 , 520, A67	5.1	5
103	Experimental beam test of the SilEye2 apparatus. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 399, 477-488 ^{1.2}	1.2	5
102	GLAST and the future of high energy gamma-ray astrophysics. <i>Journal of Physics: Conference Series</i> , 2008 , 110, 062017	0.3	5
101	Cosmic-ray observations of the heliosphere with the PAMELA experiment. <i>Advances in Space Research</i> , 2006 , 37, 1848-1852	2.4	5
100	Instrumental and astrophysical performances of SuperAGILE on-board AGILE Gamma-Ray mission		5
99	The AGILE scientific instrument. <i>AIP Conference Proceedings</i> , 2001 ,	0	5
98	Neural networks with stochastic preprocessing for particle recognition in cosmic ray experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 371-374	1.2	5
97	A wide aperture telescope for high energy gamma rays detection. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1995 , 43, 253-256		5

96	Application of silicon-detector technology to experiments in space. An option for the Astromag facility. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1988 , 102, 661-668		5
95	Long-term AGILE monitoring of the puzzling gamma-ray source 3EG J1835+5918. <i>Astronomy and Astrophysics</i> , 2008 , 489, L17-L20	5.1	5
94	AGILE, Fermi, Swift, and GASP/WEBT multi-wavelength observations of the high-redshift blazar 4C +71.07 in outburst. <i>Astronomy and Astrophysics</i> , 2019 , 621, A82	5.1	5
93	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 356-366	4.3	4
92	AGILE View of TGFs 2009 ,		4
91	Search for Dark Matter with GLAST. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004 , 134, 127-129		4
90	The science of AGILE: part I. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 231-238		4
89	The small satellite NINA-MITA to study galactic and solar cosmic rays in low-altitude polar orbit. <i>Advances in Space Research</i> , 2003 , 31, 351-356	2.4	4
88	Results from the ARGO-YBJ test experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 85, 338-345		4
87	Launch in orbit of the telescope NINA for cosmic ray observations: preliminary results. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 85, 28-33		4
86	Study of the granularity for a tracking calorimeter with optimal rejection of proton background in positron detection. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1988 , 102, 523-528		4
85	Search of MeV-TeV counterparts of TeV sources with AGILE in pointing mode. <i>Astronomy and Astrophysics</i> , 2016 , 587, A93	5.1	4
84	The ARGO-YBJ detector and high energy GRBs. <i>Astronomy and Astrophysics</i> , 1999 , 138, 597-598		4
83	FERMILAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016 , 822, 68	4.7	4
82	Calibration of AGILE-GRID with On-ground Data and Monte Carlo Simulations. <i>Astrophysical Journal</i> , 2018 , 861, 125	4.7	4
81	Gamma-ray astrophysics in the MeV range. <i>Experimental Astronomy</i> , 1	1.3	4
80	High-energy emission from a magnetar giant flare in the Sculptor galaxy. <i>Nature Astronomy</i> , 2021 , 5, 385-391	12.1	4
79	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	1.2	3

78	Observation of antimatter in our galaxy. <i>Journal of Physics: Conference Series</i> , 2008 , 120, 042004	0.3	3
77	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	1.2	3
76	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	1.2	3
75	GLAST LAT Full Simulation. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 150, 62-65		3
74	The Gamma Large Area Space Telescope: GLAST. <i>Research in Astronomy and Astrophysics</i> , 2003 , 3, 523-530		3
73	Search for Dark Matter with GLAST. <i>AIP Conference Proceedings</i> , 2005 ,	0	3
72	CAPRICE98: a balloon-borne magnetic spectrometer equipped with a gas RICH and a silicon calorimeter to study cosmic rays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 269-271	1.2	3
71	Measurements of primary cosmic-ray hydrogen and helium by the WiZard collaboration. <i>Advances in Space Research</i> , 2001 , 27, 755-760	2.4	3
70	Data handling system of the gamma-ray space detector AGILE 2000 , 4140, 493		3
69	Simulation of low-energy antiproton interactions in a sampling calorimeter. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1989 , 103, 319-331		3
68	A calorimeter coupled with a magnetic spectrometer for the detection of primary cosmic antiprotons 1988 , 11, 339-351		3
67	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021 , 921, 144	4.7	3
66	Prospects for Indirect Dark Matter Searches with the Cherenkov Telescope Array (CTA) 2016 ,		3
65	Light Isotope Abundances in Solar Energetic Particles Measured by the Space Instrument NINA. <i>Astrophysical Journal</i> , 2002 , 577, 513-523	4.7	3
64	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019 , 886, L33	7.9	3
63	The quest for dark matter in dwarf spheroidal galaxies with the Cherenkov Telescope Array. <i>EPJ Web of Conferences</i> , 2019 , 209, 01024	0.3	2
62	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016 , 820, 72	4.7	2
61	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019 , 883, 33	4.7	2

60	The observation of gamma ray bursts and terrestrial gamma-ray flashes with AGILE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 155-158	1.2	2
59	Preliminary results on TeV sources search with AGILE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 202-205 ^{1.2}	1.2	2
58	. <i>Acta Physica Polonica B</i> , 2012 , 43, 2187	1.9	2
57	Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012 , 2012, 012-012	6.4	2
56	Silicon detectors in space for -ray astroparticle physics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 596, 79-84	1.2	2
55	Environmental tests of the flight GLAST LAT tracker towers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 584, 358-373	1.2	2
54	Space qualification tests of the PAMELA instrument. <i>Advances in Space Research</i> , 2006 , 37, 1841-1847	2.4	2
53	Search for supersymmetric dark matter with GLAST. <i>European Physical Journal C</i> , 2004 , 33, s978-s980	4.2	2
52	The science of AGILE: part II. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 239-246		2
51	Super-AGILE: The X-ray monitor on-board of AGILE. <i>AIP Conference Proceedings</i> , 2001 ,	0	2
50	Super-agile The X-ray detector for the gamma-ray mission agile. <i>AIP Conference Proceedings</i> , 2001 ,	0	2
49	Gamma ray astronomy. <i>Surveys in High Energy Physics</i> , 2001 , 16, 225-244		2
48	Gamma-ray energy determination using neural network algorithms for an imaging silicon calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 381, 512-516	1.2	2
47	MASS-SAT: Matter-Antimatter Space Spectrometer on Satellite. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1990 , 105, 779-795		2
46	AGILE and Konus-Wind Observations of GRB 190114C: The Remarkable Prompt and Early Afterglow Phases. <i>Astrophysical Journal</i> , 2020 , 904, 133	4.7	2
45	Gamma rays from annihilations at the galactic center in a physical dark matter distribution. <i>Astronomy and Astrophysics</i> , 2010 , 510, A90	5.1	2
44	The AGILE contribution to GRBs studies. <i>Astronomy and Astrophysics</i> , 1999 , 138, 569-570		2
43	Search for annihilating Dark Matter towards dwarf galaxies with the Cherenkov Telescope Array. <i>EPJ Web of Conferences</i> , 2017 , 136, 01005	0.3	1

42	Experiments in space: Summary. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 742, 139-144	1.2	1
41	SEARCH FOR DARK MATTER WITH GAMMA-RAYS: A REVIEW. <i>Acta Polytechnica</i> , 2013 , 53, 545-549	1	1
40	Galactic sources science with AGILE: The case of the Carina Region. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 193-197	1.2	1
39	Indirect detection of dark matter, current status and recent results. <i>Journal of Physics: Conference Series</i> , 2010 , 259, 012011	0.3	1
38	The Pamela experiment ready for flight. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 572, 471-473	1.2	1
37	Magnetospheric and solar physics observations with the PAMELA experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 588, 243-246	1.2	1
36	Search for Dark Matter with GLAST. <i>Research in Astronomy and Astrophysics</i> , 2006 , 6, 349-356		1
35	High-energy deuteron measurement with the CAPRICE98 experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 88-94		1
34	Search for supersymmetric Dark Matter with the space experiments GLAST and PAMELA. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 109, 335-340		1
33	Search for supersymmetric dark matter with GLAST. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 122, 413-416		1
32	The WiZard collaboration cosmic ray muon measurements in the atmosphere. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 85, 355-360		1
31	A double-dee toroidal field for a space spectrometer. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1988 , 102, 529-538		1
30	The Second AGILE MCAL Gamma-Ray Burst Catalog: 13 yr of Observations. <i>Astrophysical Journal</i> , 2022 , 925, 152	4.7	1
29	The e-ASTROGAM gamma-ray space observatory for the multimessenger astronomy of the 2030s 2018 ,		1
28	Multi-messenger astronomy with the E-ray satellite AGILE: gravitational wave events and ultra-high energy astrophysical neutrinos. <i>Nuclear and Particle Physics Proceedings</i> , 2019 , 306-308, 53-60	0.4	1
27	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 256, 13	8	1
26	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background.. <i>Science</i> , 2022 , 376, eabm3231	33.3	1
25	AGILE Observations of the LIGO-Virgo Gravitational-wave Events of the GWTC-1 Catalog. <i>Astrophysical Journal</i> , 2022 , 924, 80	4.7	0

24	White Rabbit Facility. <i>EPJ Web of Conferences</i> , 2017 , 136, 01011	0.3
23	Gamma-ray signatures of Dark Matter. <i>EPJ Web of Conferences</i> , 2017 , 136, 01004	0.3
22	Instruments optimizations for low energy Gamma-ray detection. <i>EPJ Web of Conferences</i> , 2019 , 209, 01044	0.3
21	Future gamma-ray missions polarimetric prospects. <i>Experimental Astronomy</i> , 2019 , 48, 65-76	1.3
20	ASTROPHYSICS IN THE MEV RANGE 2017 , 287-297	
19	Indirect dark-matter searches with gamma-rays: experiments status and future plans from KeV to TeV. <i>Nuclear and Particle Physics Proceedings</i> , 2017 , 291-293, 20-24	0.4
18	Dark Matter Signals in the gamma-ray sky. <i>EPJ Web of Conferences</i> , 2014 , 71, 00094	0.3
17	Fermi large area telescope highlights. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 692, 20-23	1.2
16	The Fermi Large Area gamma ray Telescope and the current searches for dark matter in space. <i>Journal of Physics: Conference Series</i> , 2011 , 315, 012020	0.3
15	Indirect searches in the PAMELA and Fermi era. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 194, 105-110	
14	The flaring blazars of the first 1.5 years of the AGILE mission. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 198-201	1.2
13	Testing astroparticle physics with the Fermi Large Area Telescope. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011 , 212-213, 343-348	
12	Search for Dark Matter in the sky in the Fermi era. <i>Journal of Physics: Conference Series</i> , 2012 , 337, 012072	0.3
11	Fermi Large area telescope results: The sky at high energies and the Quest for Dark Matter signals. <i>Journal of Physics: Conference Series</i> , 2012 , 384, 012002	0.3
10	Uncertainties in the production and propagation of cosmic rays in the Milky Way. <i>Advances in Space Research</i> , 2006 , 37, 1928-1931	2.4
9	Search for dark matter in space. <i>Journal of Physics: Conference Series</i> , 2006 , 39, 188-190	0.3
8	UNCERTAINTIES OF ANTIPROTON SPECTRA FROM B/C DATA AND mSUGRA CONTRIBUTIONS FOR CLUMPY HALOS. <i>International Journal of Modern Physics A</i> , 2005 , 20, 6749-6751	1.2
7	Determining the Characteristics of Cosmic-Radiation Nuclei in the Sileye Experiment on Board the Mir Orbital Station. <i>Instruments and Experimental Techniques</i> , 2001 , 44, 623-625	0.5

- 6 A balloon flight from an antarctic base to get the best conditions in the search for cosmic antiprotons **1989**, 101, 659-669
- 5 A fast, low power consumption readout system for a space based calorimeter. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1989**, 276, 367-370 1.2
- 4 The Agile Gamma-Ray Astronomy Satellite. *Astrophysics and Space Science Library*, **2001**, 331-338 0.3
- 3 SIMULATING THE HIGH ENERGY GAMMA-RAY SKY SEEN BY THE GLAST LARGE AREA TELESCOPE **2006**, 309-314
- 2 GAMMA-RAY ASTROPHYSICS WITH AGILE **2006**, 303-308
- 1 Constraints on dark matter and future observational strategies with gamma-ray space experiments. *Nuclear and Particle Physics Proceedings*, **2016**, 273-275, 383-388 0.4