Carmelo SgrÃ²

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/323682/publications.pdf

Version: 2024-02-01

283 papers	38,665 citations	1532 106 h-index	2743 192 g-index
294 all docs	294 docs citations	294 times ranked	14166 citing authors

#	Article	IF	Citations
1	THE LARGE AREA TELESCOPE ON THEFERMI GAMMA-RAY SPACE TELESCOPEMISSION. Astrophysical Journal, 2009, 697, 1071-1102.	1.6	3,048
2	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2012, 199, 31.	3.0	1,079
3	Searching for Dark Matter Annihilation from MilkyÂWay Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. Physical Review Letters, 2015, 115, 231301.	2.9	881
4	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2010, 188, 405-436.	3.0	851
5	Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2020, 247, 33.	3.0	817
6	Measurement of the Cosmic Ray<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo>+</mml:mo><mml:msup><mml:mi> from 20ÂGeV to 1ÂTeV with the Fermi Large Area Telescope. Physical Review Letters, 2009, 102, 181101.	2.9	774
7	THE SPECTRAL ENERGY DISTRIBUTION OFFERMIBRIGHT BLAZARS. Astrophysical Journal, 2010, 716, 30-70.	1.6	741
8	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2013, 208, 17.	3.0	693
9	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	6.0	654
10	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. Science, 2013, 339, 807-811.	6.0	591
11	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100ÂMeV AND 820ÂGeV. Astrophysical Journal, 2015, 799, 86.	1.6	556
12	FERMI-LAT OBSERVATIONS OF THE DIFFUSE Î³-RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. Astrophysical Journal, 2012, 750, 3.	1.6	535
13	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2011, 743, 171.	1.6	525
14	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. Science, 2009, 323, 1688-1693.	6.0	523
15	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 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. Physical Review Letters, 2011, 107, 241302.	2.9	465
17	A limit on the variation of the speed of light arising from quantum gravity effects. Nature, 2009, 462, 331-334.	13.7	454
18	Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. Physical Review Letters, 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. Physical Review Letters, 2010, 104, 101101.	2.9	433
20	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2010, 715, 429-457.	1.6	415
21	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. Astrophysical Journal, Supplement Series, 2012, 203, 4.	3.0	403
22	THE FIRST FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2010, 187, 460-494.	3.0	396
23	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. Astrophysical Journal, Supplement Series, 2009, 183, 46-66.	3.0	394
24	FERMI OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. Astrophysical Journal, 2009, 706, L138-L144.	1.6	364
25	Dark matter constraints from observations of 25 MilkyÂWay satellite galaxies with the Fermi Large Area Telescope. Physical Review D, 2014, 89, .	1.6	360
26	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THEFERMILARGE AREA TELESCOPE ALL-SKY SURVEY. Astrophysical Journal, 2009, 700, 597-622.	1.6	349
27	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. Astrophysical Journal, Supplement Series, 2016, 223, 26.	3.0	313
28	FERMIOBSERVATIONS OF GRB 090510: A SHORT-HARD GAMMA-RAY BURST WITH AN ADDITIONAL, HARD POWER-LAW COMPONENT FROM 10 keV TO GeV ENERGIES. Astrophysical Journal, 2010, 716, 1178-1190.	1.6	306
29	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY Î³-RAY EMISSION TOWARD THE GALACTIC CENTER. Astrophysical Journal, 2016, 819, 44.	1.6	301
30	Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 739-742.	6.0	297
31	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2012, 755, 164.	1.6	297
32	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHTFERMI-DETECTED BLAZARS. Astrophysical Journal, 2010, 722, 520-542.	1.6	292
33	Fermi LAT observations of cosmic-ray electrons from 7ÂGeV to 1ÂTeV. Physical Review D, 2010, 82, .	1.6	276
34	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. Science, 2009, 325, 840-844.	6.0	264
35	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. Astrophysical Journal, 2017, 840, 43.	1.6	264
36	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. Astrophysical Journal, 2011, 736, 131.	1.6	261

#	Article	IF	Citations
37	OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL GALAXIES WITH THEFERMI-LARGE AREA TELESCOPE DETECTOR AND CONSTRAINTS ON DARK MATTER MODELS. Astrophysical Journal, 2010, 712, 147-158.	1.6	243
38	THE SPECTRUM AND MORPHOLOGY OF THEFERMIBUBBLES. Astrophysical Journal, 2014, 793, 64.	1.6	239
39	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. Astrophysical Journal, 2010, 708, 1254-1267.	1.6	237
40	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. Astrophysical Journal, Supplement Series, 2013, 209, 11.	3.0	232
41	RADIO-LOUD NARROW-LINE SEYFERT 1 AS A NEW CLASS OF GAMMA-RAY ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2009, 707, L142-L147.	1.6	230
42	3FHL: The Third Catalog of Hard Fermi-LAT Sources. Astrophysical Journal, Supplement Series, 2017, 232, 18.	3.0	227
43	On possible interpretations of the high energy electronâ€“positron spectrum measured by the Fermi Large Area Telescope. Astroparticle Physics, 2009, 32, 140-151.	1.9	221
44	Gamma-Ray Emission from the Shell of Supernova Remnant W44 Revealed by the Fermi LAT. Science, 2010, 327, 1103-1106.	6.0	220
45	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. Physical Review D, 2015, 91, .	1.6	220
46	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. Astrophysical Journal, Supplement Series, 2016, 222, 5.	3.0	219
47	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. Science, 2011, 334, 1103-1107.	6.0	217
48	FERMI LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. Astrophysical Journal, 2009, 706, L1-L6.	1.6	216
49	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. Science, 2014, 343, 42-47.	6.0	211
50	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7â€“3946 WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2011, 734, 28.	1.6	209
51	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. Science, 2012, 338, 1190-1192.	6.0	207
52	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. Astrophysical Journal, 2020, 892, 105.	1.6	204
53	OBSERVATION OF SUPERNOVA REMNANT ICÂ443 WITH THE FERMI LARGE AREA TELESCOPE. Astrophysical Journal, 2010, 712, 459-468.	1.6	203
54	Modulated High-Energy Gamma-Ray Emission from the Microquasar Cygnus X-3. Science, 2009, 326, 1512-1516.	6.0	193

#	Article	IF	Citations
55	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. Science, 2009, 325, 848-852.	6.0	190
56	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. Astrophysical Journal, Supplement Series, 2016, 224, 8.	3.0	190
57	Fermi Gamma-Ray Imaging of a Radio Galaxy. Science, 2010, 328, 725-729.	6.0	187
58	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROMFERMI-LAT DIFFUSE MEASUREMENTS. Astrophysical Journal, 2012, 761, 91.	1.6	186
59	Incremental Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2022, 260, 53.	3.0	186
60	INSIGHTS INTO THE HIGH-ENERGY Î³-RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THEFERMIERA. Astrophysical Journal, 2011, 727, 129.	1.6	185
61	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. Astrophysical Journal, Supplement Series, 2013, 209, 34.	3.0	184
62	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.4â€“0.1). Astrophysical Journal, 2010, 718, 348-356.	1.6	180
63	THEFERMI-LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. Astrophysical Journal, 2010, 720, 435-453.	1.6	179
64	DETECTION OF GAMMA-RAY EMISSION FROM THE STARBURST GALAXIES M82 AND NGC 253 WITH THE LARGE AREA TELESCOPE ON FERMI. Astrophysical Journal Letters, 2010, 709, L152-L157.	3.0	179
65	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. Astrophysical Journal, 2011, 729, 114.	1.6	179
66	The enhanced X-ray Timing and Polarimetry missionâ€”eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	178
67	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. Physical Review D, 2012, 86, .	1.6	175
68	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. Physical Review D, 2013, 88, .	1.6	175
69	FERMIOBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. Astrophysical Journal, 2010, 710, 133-149.	1.6	172
70	FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. Astrophysical Journal Letters, 2011, 733, L26.	3.0	170
71	MINUTE-TIMESCALE >100 MeV Î³-RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI-LAT IN 2015 JUNE. Astrophysical Journal Letters, 2016, 824, L20.	3.0	167
72	SPECTRAL PROPERTIES OF BRIGHTFERMI-DETECTED BLAZARS IN THE GAMMA-RAY BAND. Astrophysical Journal, 2010, 710, 1271-1285.	1.6	166

#	Article	IF	Citations
73	Fermi Large Area Telescope Search for Photon Lines from 30 to 200ÂGeV and Dark Matter Implications. Physical Review Letters, 2010, 104, 091302.	2.9	166
74	FERMIDISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. Astrophysical Journal, 2009, 699, 31-39.	1.6	165
75	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. Science, 2010, 329, 817-821.	6.0	165
76	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM A RELATIVISTIC JET IN THE NARROW-LINE QUASAR PMN J0948+0022. Astrophysical Journal, 2009, 699, 976-984.	1.6	161
77	FERMILARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. Astrophysical Journal, 2009, 707, 55-60.	1.6	153
78	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. Astrophysical Journal Letters, 2012, 757, L31.	3.0	152
79	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. Astrophysical Journal, 2019, 878, 52.	1.6	152
80	Search for Spectral Irregularities due to Photonâ€“Axionlike-Particle Oscillations with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 161101.	2.9	151
81	FERMI -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. Astrophysical Journal Letters, 2010, 710, L92-L97.	3.0	149
82	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2010, 720, 912-922.	1.6	148
83	Constraints on dark matter annihilation in clusters of galaxies with the Fermi large area telescope. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 025-025.	1.9	145
84	SIMULTANEOUS OBSERVATIONS OF PKS 2155â€“304 WITH HESS, FERMI , RXTE , AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. Astrophysical Journal, 2009, 696, L150-L155.	1.6	144
85	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. Astrophysical Journal Letters, 2015, 813, L41.	3.0	144
86	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. Astrophysical Journal, 2009, 699, 817-823.	1.6	141
87	FERMILARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. Astrophysical Journal, 2010, 719, 1433-1444.	1.6	141
88	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. Astrophysical Journal Letters, 2010, 717, L71-L78.	3.0	140
89	Cosmic-ray electron-positron spectrum from 7ÂGeV to 2ÂTeV with the Fermi Large Area Telescope. Physical Review D, 2017, 95, .	1.6	138
90	Fermi Large Area Telescope Measurements of the Diffuse Gamma-Ray Emission at Intermediate Galactic Latitudes. Physical Review Letters, 2009, 103, 251101.	2.9	133

#	Article	IF	Citations
91	SWIFT AND FERMI OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. Astrophysical Journal Letters, 2010, 709, L146-L151.	3.0	130
92	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259â€“63/LS 2883 AROUND PERIASTRON WITH FERMI. Astrophysical Journal Letters, 2011, 736, L11.	3.0	130
93	SEARCH FOR DARK MATTER SATELLITES USINGFERMI-LAT. Astrophysical Journal, 2012, 747, 121.	1.6	130
94	Resolving the Extragalactic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Background above 50ÂGeV with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 151105.	2.9	130
95	A population of gamma-ray emitting globular clusters seen with theFermiLarge Area Telescope. Astronomy and Astrophysics, 2010, 524, A75.	2.1	129
96	Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 014-014.	1.9	129
97	The on-orbit calibration of the Fermi Large Area Telescope. Astroparticle Physics, 2009, 32, 193-219.	1.9	123
98	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. Astrophysical Journal, 2014, 787, 18.	1.6	123
99	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. Astrophysical Journal, Supplement Series, 2018, 237, 32.	3.0	121
100	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. Astrophysical Journal, 2009, 696, 1084-1093.	1.6	120
101	FERMI LAT OBSERVATIONS OF LS I +61Â°303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. Astrophysical Journal, 2009, 701, L123-L128.	1.6	119
102	FERMI /LAT OBSERVATIONS OF LS 5039. Astrophysical Journal, 2009, 706, L56-L61.	1.6	119
103	FERMIOBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2009, 707, 1310-1333.	1.6	114
104	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2011, 741, 30.	1.6	113
105	Observations of the Large Magellanic Cloud withFermi. Astronomy and Astrophysics, 2010, 512, A7.	2.1	106
106	FERMILARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. Astrophysical Journal, 2010, 723, 1082-1096.	1.6	106
107	eXTP: Enhanced X-ray Timing and Polarization mission. Proceedings of SPIE, 2016, , .	0.8	106
108	XIPE: the X-ray imaging polarimetry explorer. Experimental Astronomy, 2013, 36, 523-567.	1.6	103

#	Article	IF	Citations
109	Î³-RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. Astrophysical Journal, 2011, 742, 27.	1.6	101
110	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRSTFERMI-LAT CATALOG. Astrophysical Journal, 2012, 753, 83.	1.6	100
111	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OFFERMILARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. Astrophysical Journal, 2014, 787, 15.	1.6	100
112	FERMILAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. Astrophysical Journal, 2009, 703, 1249-1256.	1.6	99
113	FERMILARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. Astrophysical Journal, 2010, 721, 1425-1447.	1.6	99
114	FERMILARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. Astrophysical Journal, 2011, 734, 116.	1.6	98
115	A sealed Gas Pixel Detector for X-ray astronomy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 853-858.	0.7	96
116	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OFFERMILAT OBSERVATIONS. Astrophysical Journal, 2010, 713, 154-165.	1.6	96
117	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROMFERMIÎ³-RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. Astrophysical Journal, 2011, 726, 81.	1.6	96
118	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
119	FermiLarge Area Telescope observations of Local Group galaxies: detection of Mâ€‰31 and search for Mâ€‰33. Astronomy and Astrophysics, 2010, 523, L2.	2.1	94
120	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USINGFERMILARGE AREA TELESCOPE OBSERVATIONS. Astrophysical Journal, 2013, 773, 77.	1.6	94
121	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. Science, 2012, 338, 1314-1317.	6.0	92
122	FERMI-LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. Astrophysical Journal, 2010, 722, 1303-1311.	1.6	89
123	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. Astrophysical Journal, 2016, 819, 149.	1.6	88
124	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
125	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2010, 710, 810-827.	1.6	87
126	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. Physical Review D, 2012, 85, .	1.6	87

#	Article	IF	Citations
127	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
128	Detection of High-Energy Gamma-Ray Emission from the Globular Cluster 47 Tucanae with Fermi. Science, 2009, 325, 845-848.	6.0	80
129	VERY HIGH ENERGY Î³ -RAYS FROM THE UNIVERSEâ€™S MIDDLE AGE: DETECTION OF THE z = 0.940 BLAZAR PKS 1441+25 WITH MAGIC. Astrophysical Journal Letters, 2015, 815, L23.	3.0	78
130	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. Astrophysical Journal, 2013, 763, 71.	1.6	75
131	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€“5856. Science, 2012, 335, 189-193.	6.0	74
132	DETECTION OF THE ENERGETIC PULSAR PSR B1509â€“58 AND ITS PULSAR WIND NEBULA IN MSH 15â€“52 USING THEFERMI-LARGE AREA TELESCOPE. Astrophysical Journal, 2010, 714, 927-936.	1.6	72
133	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. Astrophysical Journal, 2010, 711, 64-74.	1.6	72
134	THE DISCOVERY OF Î³-RAY EMISSION FROM THE BLAZAR RGB J0710+591. Astrophysical Journal Letters, 2010, 715, L49-L55.	3.0	72
135	Detection of the Small Magellanic Cloud in gamma-rays withÂFermi/LAT. Astronomy and Astrophysics, 2010, 523, A46.	2.1	70
136	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. Astrophysical Journal, 2011, 726, 43.	1.6	70
137	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. Astrophysical Journal, 2017, 836, 208.	1.6	70
138	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. Astrophysical Journal, 2017, 843, 139.	1.6	70
139	FERMILARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF ETA CARINAE. Astrophysical Journal, 2010, 723, 649-657.	1.6	67
140	Design, construction, and test of the Gas Pixel Detectors for the IXPE mission. Astroparticle Physics, 2021, 133, 102628.	1.9	67
141	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. Astrophysical Journal Letters, 2010, 708, L100-L106.	3.0	66
142	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THEFERMILARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2013, 765, 54.	1.6	66
143	Fermi Detection of a Luminous Î³-Ray Pulsar in a Globular Cluster. Science, 2011, 334, 1107-1110.	6.0	65
144	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. Astrophysical Journal, 2010, 713, 146-153.	1.6	64

#	Article	IF	Citations
145	Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. Physical Review D, 2010, 82, .	1.6	64
146	Deep view of the Large Magellanic Cloud with six years ofFermi-LAT observations. Astronomy and Astrophysics, 2016, 586, A71.	2.1	64
147	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. Astrophysical Journal, 2017, 846, 34.	1.6	63
148	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE Î³-RAY PULSAR SEEN BY THE Fermi LAT. Astrophysical Journal Letters, 2013, 777, L2.	3.0	62
149	FERMI-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. Astrophysical Journal, 2011, 726, 35.	1.6	60
150	FERMIDETECTION OF Î³-RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. Astrophysical Journal, 2012, 745, 144.	1.6	60
151	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. Astrophysical Journal, 2016, 826, 1.	1.6	60
152	Fermi large area telescope observations of the cosmic-ray induced<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-ray emission of the Earthâ€™s atmosphere. Physical Review D, 2009, 80, .	1.6	57
153	FERMI-LAT OBSERVATIONS OF THE GEMINGA PULSAR. Astrophysical Journal, 2010, 720, 272-283.	1.6	57
154	FERMIOBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. Astrophysical Journal, 2009, 707, 580-592.	1.6	56
155	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2010, 708, 1426-1441.	1.6	56
156	NEWFERMI-LAT EVENT RECONSTRUCTION REVEALS MORE HIGH-ENERGY GAMMA RAYS FROM GAMMA-RAY BURSTS. Astrophysical Journal, 2013, 774, 76.	1.6	56
157	The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks. Science, 2014, 343, 51-54.	6.0	55
158	FERMIDETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. Astrophysical Journal, 2010, 712, 558-564.	1.6	54
159	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. Astrophysical Journal, 2012, 751, 159.	1.6	54
160	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. Astrophysical Journal, 2017, 835, 219.	1.6	53
161	Gas pixel detectors for X-ray polarimetry applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 560, 425-434.	0.7	52
162	THE FIRSTFERMIMULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. Astrophysical Journal, 2011, 730, 101.	1.6	52

#	Article	IF	Citations
163	FERMILARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. Astrophysical Journal, 2012, 755, 22.	1.6	52
164	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. Astrophysical Journal, 2015, 812, 159.	1.6	52
165	Re-detection and a possible time variation of soft X-ray polarization from the Crab. Nature Astronomy, 2020, 4, 511-516.	4.2	51
166	FERMI-LARGE AREA TELESCOPE OBSERVATIONS OF THE EXCEPTIONAL GAMMA-RAY OUTBURSTS OF 3C 273 IN 2009 SEPTEMBER. Astrophysical Journal Letters, 2010, 714, L73-L78.	3.0	49
167	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7â€“0.1. Astrophysical Journal, 2012, 744, 80.	1.6	48
168	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. Astrophysical Journal, 2020, 890, 9.	1.6	48
169	DISCOVERY OF PULSED Î³-RAYS FROM PSR J0034â€“0534 WITH THEFERMILARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND Î³-RAY EMISSION REGIONS. Astrophysical Journal, 2010, 712, 957-963.	1.6	47
170	THEFERMIALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. Astrophysical Journal, 2013, 771, 57.	1.6	47
171	Design and initial tests of the Tracker-converter of the Gamma-ray Large Area Space Telescope. Astroparticle Physics, 2007, 28, 422-434.	1.9	46
172	The cosmic-ray and gas content of the Cygnus region as measured inÎ³-rays by theFermiLarge Area Telescope. Astronomy and Astrophysics, 2012, 538, A71.	2.1	46
173	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITHFERMI-LAT. Astrophysical Journal, 2012, 747, 104.	1.6	45
174	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830â€“211 OBSERVED BYFermiLAT. Astrophysical Journal, 2015, 799, 143.	1.6	45
175	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L2.	3.0	45
176	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2009, 700, 1059-1066.	1.6	44
177	PROSPECTS FOR GRB SCIENCE WITH THE FERMI LARGE AREA TELESCOPE. Astrophysical Journal, 2009, 701, 1673-1694.	1.6	44
178	PolarLight: a CubeSat X-ray polarimeter based on the gas pixel detector. Experimental Astronomy, 2019, 47, 225-243.	1.6	43
179	SEARCH FOR GAMMA-RAY EMISSION FROM MAGNETARS WITH THE FERMI LARGE AREA TELESCOPE. Astrophysical Journal Letters, 2010, 725, L73-L78.	3.0	42
180	FERMIOBSERVATIONS OF THE VERY HARD GAMMA-RAY BLAZAR PG 1553+113. Astrophysical Journal, 2010, 708, 1310-1320.	1.6	42

#	Article	IF	Citations
181	Gamma-Ray Blazars within the First 2 Billion Years. Astrophysical Journal Letters, 2017, 837, L5.	3.0	42
182	FERMILARGE AREA TELESCOPE DETECTION OF PULSED Î³-RAYS FROM THE VELA-LIKE PULSARS PSR J1048â€“5832 AND PSR J2229+6114. Astrophysical Journal, 2009, 706, 1331-1340.	1.6	41
183	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. Science, 2015, 350, 801-805.	6.0	41
184	PULSED GAMMA RAYS FROM THE MILLISECOND PULSAR J0030+0451 WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2009, 699, 1171-1177.	1.6	38
185	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. Astrophysical Journal Letters, 2014, 785, L16.	3.0	38
186	Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. Physical Review Letters, 2017, 118, 091103.	2.9	38
187	A Weighted Analysis to Improve the X-Ray Polarization Sensitivity of the Imaging X-ray Polarimetry Explorer. Astronomical Journal, 2022, 163, 170.	1.9	38
188	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454â€“354. Astrophysical Journal, 2009, 697, 934-941.	1.6	37
189	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2012, 756, 4.	1.6	37
190	ASSOCIATING LONG-TERM Î³-RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61Â°303. Astrophysical Journal Letters, 2013, 773, L35.	3.0	36
191	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE FERMI GAMMA-RAY SPACE TELESCOPE. Astrophysical Journal, 2009, 699, L102-L107.	1.6	34
192	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. Astrophysical Journal Letters, 2011, 734, L27.	3.0	34
193	A Significant Detection of X-ray Polarization in Sco X-1 with PolarLight and Constraints on the Corona Geometry. Astrophysical Journal Letters, 2022, 924, L13.	3.0	34
194	An Algorithm to Calibrate and Correct the Response to Unpolarized Radiation of the X-Ray Polarimeter Onboard IXPE. Astronomical Journal, 2022, 163, 39.	1.9	34
195	FERMILARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. Astrophysical Journal, 2010, 712, 1209-1218.	1.6	33
196	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4CÂ+21.35 DURING THE 2010 FLARING ACTIVITY. Astrophysical Journal, 2014, 786, 157.	1.6	33
197	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITORÂAND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. Astrophysical Journal, 2017, 835, 82.	1.6	32
198	Fermi-LAT Observations of LIGO/Virgo Event GW170817. Astrophysical Journal, 2018, 861, 85.	1.6	32

#	Article	IF	Citations
199	First Fermi-LAT Solar Flare Catalog. Astrophysical Journal, Supplement Series, 2021, 252, 13.	3.0	32
200	DISCOVERY OF PULSED Î³-RAYS FROM THE YOUNG RADIO PULSAR PSR J1028â€“5819 WITH THE FERMI LARGE AREA TELESCOPE. Astrophysical Journal, 2009, 695, L72-L77.	1.6	31
201	Low energy polarization sensitivity of the Gas Pixel Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 584, 149-159.	0.7	30
202	Fermi Large Area Telescope Performance after 10 Years of Operation. Astrophysical Journal, Supplement Series, 2021, 256, 12.	3.0	30
203	Spectral and polarimetric characterization of the Gas Pixel Detector filled with dimethyl ether. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 285-293.	0.7	29
204	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
205	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Observations of Earthâ€™s Limb. Physical Review Letters, 2014, 112, 151103.	2.9	28
206	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. Astroparticle Physics, 2012, 35, 346-353.	1.9	27
207	THE IMAGING PROPERTIES OF THE GAS PIXEL DETECTOR AS A FOCAL PLANE POLARIMETER. Astrophysical Journal, Supplement Series, 2014, 212, 25.	3.0	27
208	Reading a GEM with a VLSI pixel ASIC used as a direct charge collecting anode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 477-484.	0.7	27
209	FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. Astrophysical Journal Letters, 2010, 717, L127-L132.	3.0	26
210	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THEFERMILAT. Astrophysical Journal, 2015, 807, 169.	1.6	26
211	Imaging with the invisible light. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 246-253.	0.7	24
212	FERMILARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057â€“5226, J1709â€“4429, AND J1952+3252. Astrophysical Journal, 2010, 720, 26-40.	1.6	24
213	SUZAKUOBSERVATIONS OF LUMINOUS QUASARS: REVEALING THE NATURE OF HIGH-ENERGY BLAZAR EMISSION IN LOW-LEVEL ACTIVITY STATES. Astrophysical Journal, 2010, 716, 835-849.	1.6	23
214	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. Astrophysical Journal, 2016, 819, 98.	1.6	23
215	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. Astrophysical Journal, 2018, 857, 49.	1.6	23
216	The silicon tracker readout electronics of the gamma-ray large area space telescope. IEEE Transactions on Nuclear Science, 2006, 53, 466-473.	1.2	21

#	Article	IF	Citations
217	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. Astrophysical Journal, 2018, 866, 24.	1.6	21
218	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. Physical Review D, 2016, 93, 082001.	1.6	20
219	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. Science Advances, 2018, 4, eaao7228.	4.7	20
220	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. Physical Review Letters, 2018, 121, 241101.	2.9	20
221	FERMIOBSERVATIONS OF Î³-RAY EMISSION FROM THE MOON. Astrophysical Journal, 2012, 758, 140.	1.6	19
222	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. Astrophysical Journal Letters, 2015, 809, L2.	3.0	18
223	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
224	Investigating the Nature of Late-time High-energy GRB Emission through Joint Fermi/Swift Observations. Astrophysical Journal, 2018, 863, 138.	1.6	16
225	Single photon imaging at ultra-high resolution. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 591, 125-128.	0.7	15
226	A set of x-ray polarimeters for the New Hard X-ray Imaging and Polarimetric Mission. Proceedings of SPIE, 2010, , .	0.8	15
227	Fermi Observations of the LIGO Event GW170104. Astrophysical Journal Letters, 2017, 846, L5.	3.0	15
228	X-Ray Polarimetry of the Crab Nebula with PolarLight: Polarization Recovery after the Glitch and a Secular Position Angle Variation. Astrophysical Journal Letters, 2021, 912, L28.	3.0	15
229	Publisherâ€™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
230	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITHFERMI. Astrophysical Journal, 2012, 754, 121.	1.6	14
231	Gamma Rays from Fast Black-hole Winds. Astrophysical Journal, 2021, 921, 144.	1.6	14
232	FermiLARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. Astrophysical Journal, 2014, 784, 118.	1.6	13
233	Assembly and test of the gas pixel detector for X-ray polarimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 804, 155-162.	0.7	13
234	Theoretical Interpretation of Pass 8 Fermi-LAT e⁺Â+Âe^{â^'} Data. Astrophysical Journal, 2017, 845, 107.	1.6	13

#	Article	IF	Citations
235	The Imaging X-ray Polarimetry Explorer (IXPE): technical overview. , 2018, , .		13
236	Gas pixel detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 160-167.	0.7	12
237	The gas pixel detector on board the IXPE mission. , 2017, , .		11
238	LAMP: a micro-satellite based soft x-ray polarimeter for astrophysics. Proceedings of SPIE, 2015, , .	0.8	10
239	A photoelectric polarimeter for XEUS: a new window in x-ray sky. , 2006, , .		9
240	Preliminary results of the LAT Calibration Unit beam tests. AIP Conference Proceedings, 2007, , .	0.3	9
241	RADIO AND Î³-RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. Astrophysical Journal, 2011, 728, 77.	1.6	9
242	A small mission featuring an imaging x-ray polarimeter with high sensitivity. Proceedings of SPIE, 2013, , .	0.8	9
243	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. Astrophysical Journal, 2019, 883, 33.	1.6	9
244	In-orbit operation and performance of the CubeSat Soft X-ray polarimeter PolarLight. Advances in Space Research, 2021, 67, 708-714.	1.2	9
245	Performance of the Gas Pixel Detector: an x-ray imaging polarimeter for upcoming missions of astrophysics. Proceedings of SPIE, 2016, , .	0.8	8
246	Estimate of the Fermi large area telescope sensitivity to gamma-ray polarization. AIP Conference Proceedings, 2017, , .	0.3	8
247	The Imaging X-Ray Polarimetry Explorer (IXPE): technical overview II. , 2019, , .		8
248	POLARIX: a small mission of x-ray polarimetry. , 2006, 6266, 213.		7
249	X-ray polarimetry with Gas Pixel Detectors: A new window on the X-ray sky. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 576, 183-190.	0.7	7
250	MAGIC andFermi-LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366.	1.6	7
251	Modeling the in-orbit Background of PolarLight. Astrophysical Journal, 2021, 909, 104.	1.6	7
252	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

#	Article	IF	Citations
253	Fabrication of the GLAST Silicon Tracker Readout Electronics. IEEE Transactions on Nuclear Science, 2006, 53, 3013-3020.	1.2	6
254	The gas pixel detector at the focus of an x-ray optics. Proceedings of SPIE, 2013, , .	0.8	6
255	Bright Gamma-Ray Flares Observed in GRB 131108A. Astrophysical Journal Letters, 2019, 886, L33.	3.0	6
256	Discrimination of background events in the PolarLight X-ray polarimeter. Research in Astronomy and Astrophysics, 2021, 21, 233.	0.7	6
257	A gas pixel detector for x-ray polarimetry. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 358-361.	0.5	5
258	An x-ray polarimeter for HXMT mission. , 2007, , .		5
259	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
260	Pulsar simulations for the Fermi Large Area Telescope. Astroparticle Physics, 2009, 32, 1-9.	1.9	5
261	Re-testing the JET-X Flight Module No. 2 at the PANTER facility. Experimental Astronomy, 2014, 37, 37-53.	1.6	5
262	FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. Astrophysical Journal, 2016, 822, 68.	1.6	5
263	An x-ray polarimeter for hard x-ray optics. , 2006, , .		4
264	Gas pixel detectors for high-sensitivity x-ray polarimetry. , 2006, , .		4
265	First light from a very large area pixel array for high-throughput x-ray polarimetry. , 2006, 6266, 1163.		4
266	Explaining the cosmic-ray e+/(eâˆ'+e+) and ratios using a steady-state injection model. Astroparticle Physics, 2011, 35, 211-222.	1.9	4
267	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
268	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
269	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
270	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. Astrophysical Journal, 2016, 820, 72.	1.6	3

#	Article	IF	Citations
271	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. Astrophysical Journal, 2022, 933, 204.	1.6	3
272	The Fermi Large Area Telescope as a cosmic-ray detector. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 129-134.	0.5	1
273	The new event analysis of the Fermi large area telescope. Proceedings of SPIE, 2014, , .	0.8	1
274	Study of charged cosmic rays with the Fermi Large Area Telescope. Nuclear and Particle Physics Proceedings, 2016, 279-281, 1-6.	0.2	1
275	Calibrating the IXPE observatory from ground to space. , 2017, , .		1
276	The Gamma-Ray Large Area Space Telescope: an Astroparticle Mission to Explore the High Energy Sky. , 0, , .		0
277	The Silicon Tracker Readout Electronics of the Gamma-ray Large Area Space Telescope. , 0, , .		0
278	Latest news from Fermi Large Area Telescope. Nuclear Physics, Section B, Proceedings Supplements, 2009, 194, 151-155.	0.5	0
279	The Fermi Large Area Telescope as a cosmic-ray electron detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 40-47.	0.7	0
280	Highlights from the Fermi Large Area Telescope after 5 years of operations. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 765, 258-261.	0.7	0
281	The on-board calibration system of the X-ray Imaging Polarimetry Explorer (XIPE). Proceedings of SPIE, 2016, , .	0.8	0
282	X-ray polarimetry and new prospects in high-energy astrophysics. Journal of Instrumentation, 2016, 11, C07008-C07008.	0.5	0
283	Dependence on temperature of the response of a gas pixel detector to polarized radiation. , 2018, , .		0