

Gulaugur Jhannesson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7879106/gudlaugur-johannesson-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.

206
papers

28,994
citations

91
h-index

169
g-index

213
ext. papers

31,833
ext. citations

8.3
avg, IF

5.52
L-index

#	Paper	IF	Citations
206	THE LARGE AREA TELESCOPE ON THE FERMI GAMMA-RAY SPACE TELESCOPE EMISSION. <i>Astrophysical Journal</i> , 2009 , 697, 1071-1102	4.7	2463
205	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015 , 218, 23	8	1100
204	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 199, 31	8	1003
203	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2010 , 188, 405-436	8	754
202	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
201	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
200	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 208, 17	8	583
199	THE SPECTRAL ENERGY DISTRIBUTION OF FERMI BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010 , 716, 30-70	4.7	580
198	Detection of the characteristic pion-decay signature in supernova remnants. <i>Science</i> , 2013 , 339, 807-11	33.3	475
197	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 743, 171	4.7	473
196	Fermi observations of high-energy gamma-ray emission from GRB 080916C. <i>Science</i> , 2009 , 323, 1688-93	33.3	467
195	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015 , 799, 86	4.7	421
194	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
193	Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 33	8	406
192	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
191	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
190	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015 , 810, 14	4.7	391

189	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
188	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
187	THE FIRST FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010 , 187, 460-494	8	365
186	FERMI /LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009 , 183, 46-66	8	357
185	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
184	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
183	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
182	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
181	Gamma-ray flares from the Crab Nebula. <i>Science</i> , 2011 , 331, 739-42	33.3	263
180	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
179	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
178	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT FERMI-DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2010 , 722, 520-542	4.7	247
177	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 755, 164	4.7	245
176	Detection of 16 gamma-ray pulsars through blind frequency searches using the Fermi LAT. <i>Science</i> , 2009 , 325, 840-4	33.3	232
175	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016 , 819, 44	4.7	230
174	CONSTRAINTS ON COSMIC-RAY PROPAGATION MODELS FROM A GLOBAL BAYESIAN ANALYSIS. <i>Astrophysical Journal</i> , 2011 , 729, 106	4.7	218
173	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
172	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 11	8	203

171	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
170	GALACTIC COSMIC RAYS IN THE LOCAL INTERSTELLAR MEDIUM: OBSERVATIONS AND MODEL RESULTS. <i>Astrophysical Journal</i> , 2016 , 831,	4.7	201
169	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
168	THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES. <i>Astrophysical Journal</i> , 2014 , 793, 64	4.7	197
167	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7-946 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 734, 28	4.7	193
166	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
165	2FHL: THE SECOND CATALOG OF HARD FERMI -LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 222, 5	8	189
164	OBSERVATION OF SUPERNOVA REMNANT IC 443 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010 , 712, 459-468	4.7	187
163	Modulated high-energy gamma-ray emission from the microquasar Cygnus X-3. <i>Science</i> , 2009 , 326, 1512-5	33.3	177
162	A population of gamma-ray millisecond pulsars seen with the Fermi Large Area Telescope. <i>Science</i> , 2009 , 325, 848-52	33.3	177
161	Fermi-LAT observations of the gamma-ray burst GRB 130427A. <i>Science</i> , 2014 , 343, 42-7	33.3	172
160	3FHL: The Third Catalog of Hard Fermi -LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 232, 18	8	170
159	A cocoon of freshly accelerated cosmic rays detected by Fermi in the Cygnus superbubble. <i>Science</i> , 2011 , 334, 1103-7	33.3	168
158	Fermi gamma-ray imaging of a radio galaxy. <i>Science</i> , 2010 , 328, 725-9	33.3	168
157	GLOBAL COSMIC-RAY-RELATED LUMINOSITY AND ENERGY BUDGET OF THE MILKY WAY. <i>Astrophysical Journal Letters</i> , 2010 , 722, L58-L63	7.9	167
156	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.40.1). <i>Astrophysical Journal</i> , 2010 , 718, 348-356	4.7	163
155	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
154	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 34	8	160

153	INSIGHTS INTO THE HIGH-ENERGY γ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE FERMI ERA. <i>Astrophysical Journal</i> , 2011 , 727, 129	4.7	159
152	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
151	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
150	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
149	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011 , 729, 114	4.7	152
148	FERMI DISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009 , 699, 31-39	4.7	151
147	SPECTRAL PROPERTIES OF BRIGHT FERMI-DETECTED BLAZARS IN THE GAMMA-RAY BAND. <i>Astrophysical Journal</i> , 2010 , 710, 1271-1285	4.7	150
146	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM FERMI-LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012 , 761, 91	4.7	148
145	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 8	8	148
144	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
143	Gamma-ray emission concurrent with the nova in the symbiotic binary V407 Cygni. <i>Science</i> , 2010 , 329, 817-21	33.3	138
142	FERMI/LARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , 2009 , 707, 55-60	4.7	138
141	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
140	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009 , 699, 817-823	4.7	133
139	FERMI/LARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010 , 720, 912-922	4.7	133
138	GALPROP WebRun: An internet-based service for calculating galactic cosmic ray propagation and associated photon emissions. <i>Computer Physics Communications</i> , 2011 , 182, 1156-1161	4.2	131
137	MINUTE-TIMESCALE >100 MeV γ -RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI -LAT IN 2015 JUNE. <i>Astrophysical Journal Letters</i> , 2016 , 824, L20	7.9	129
136	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

135	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , 2010 , 717, L71-L78	7.9	129
134	FERMILARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. <i>Astrophysical Journal</i> , 2010 , 719, 1433-1444	4.7	125
133	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
132	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
131	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
130	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
129	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009 , 696, 1084-1093	4.7	111
128	FERMI /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009 , 706, L56-L61	4.7	107
127	Novae. Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014 , 345, 554-8	33.3	106
126	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009 , 32, 193-219	2.4	106
125	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
124	FERMI OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009 , 707, 1310-1333	4.7	105
123	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
122	FERMI LARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2010 , 723, 1082-1096	4.7	101
121	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
120	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014 , 787, 18	4.7	96
119	TESTING THE ORIGIN OF HIGH-ENERGY COSMIC RAYS. <i>Astrophysical Journal</i> , 2012 , 752, 68	4.7	96
118	BAYESIAN ANALYSIS OF COSMIC RAY PROPAGATION: EVIDENCE AGAINST HOMOGENEOUS DIFFUSION. <i>Astrophysical Journal</i> , 2016 , 824,	4.7	95

117	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020 , 892, 105	4.7	93
116	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
115	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
114	Ly+ and ultraviolet emission from high-redshift gamma-ray burst hosts: to what extent do gamma-ray bursts trace star formation?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 362, 245-251	4.3	87
113	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
112	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OFFERMILAT OBSERVATIONS. <i>Astrophysical Journal</i> , 2010 , 713, 154-165	4.7	86
111	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019 , 878, 52	4.7	85
110	ERAY 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
109	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRSTFERMI-LAT CATALOG. <i>Astrophysical Journal</i> , 2012 , 753, 83	4.7	85
108	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
107	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
106	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OFFERMILARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014 , 787, 15	4.7	81
105	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
104	Binary millisecond pulsar discovery via gamma-ray pulsations. <i>Science</i> , 2012 , 338, 1314-7	33.3	78
103	Solution of Heliospheric Propagation: Unveiling the Local Interstellar Spectra of Cosmic-ray Species. <i>Astrophysical Journal</i> , 2017 , 840,	4.7	76
102	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THEFERMILARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010 , 710, 810-827	4.7	75
101	A gamma-ray determination of the Universe's star formation history. <i>Science</i> , 2018 , 362, 1031-1034	33.3	71
100	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 237, 32	8	70

99	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING FERMI LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013 , 773, 77	4-7	70
98	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , 2011 , 734, 116	4-7	68
97	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. <i>Astrophysical Journal</i> , 2016 , 819, 149	4-7	67
96	Detection of high-energy gamma-ray emission from the globular cluster 47 Tucanae with Fermi. <i>Science</i> , 2009 , 325, 845-8	33-3	67
95	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009 , 707, 727-737	4-7	66
94	DETECTION OF THE ENERGETIC PULSAR PSR B1509-58 AND ITS PULSAR WIND NEBULA IN MSH 15-52 USING THE FERMI-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010 , 714, 927-936	4-7	65
93	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013 , 763, 71	4-7	64
92	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
91	THE DISCOVERY OF γ -RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010 , 715, L49-L55	7-9	59
90	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010 , 713, 146-153	4-7	59
89	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE FERMI LARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013 , 765, 54	4-7	56
88	FERMI LARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF η CARINAE. <i>Astrophysical Journal</i> , 2010 , 723, 649-657	4-7	55
87	High-energy Gamma Rays from the Milky Way: Three-dimensional Spatial Models for the Cosmic-Ray and Radiation Field Densities in the Interstellar Medium. <i>Astrophysical Journal</i> , 2017 , 846,	4-7	53
86	FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. <i>Astrophysical Journal</i> , 2009 , 707, 580-592	4-7	53
85	FERMI DETECTION OF γ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012 , 745, 144	4-7	52
84	FERMI DETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. <i>Astrophysical Journal</i> , 2010 , 712, 558-564	4-7	52
83	Energy Injection Episodes in Gamma-Ray Bursts: The Light Curves and Polarization Properties of GRB 021004. <i>Astrophysical Journal</i> , 2004 , 615, L77-L80	4-7	52
82	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. <i>Astrophysical Journal</i> , 2017 , 836, 208	4-7	51

81	The first pulse of the extremely bright GRB 130427A: a test lab for synchrotron shocks. <i>Science</i> , 2014 , 343, 51-4	33.3	51
80	Fermi detection of a luminous γ -ray pulsar in a globular cluster. <i>Science</i> , 2011 , 334, 1107-10	33.3	51
79	FERMI-LAT OBSERVATIONS OF THE GEMINGA PULSAR. <i>Astrophysical Journal</i> , 2010 , 720, 272-283	4.7	50
78	FERMILARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , 2016 , 826, 1	4.7	48
77	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
76	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
75	FERMILARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2012 , 755, 22	4.7	46
74	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
73	GRB 060121: Implications of a Short-/Intermediate-Duration γ -ray Burst at High Redshift. <i>Astrophysical Journal</i> , 2006 , 648, L83-L87	4.7	46
72	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017 , 835, 219	4.7	44
71	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
70	DISCOVERY OF PULSED γ -RAYS FROM PSR J0034-0534 WITH THE FERMI LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND γ -RAY EMISSION REGIONS. <i>Astrophysical Journal</i> , 2010 , 712, 957-963	4.7	43
69	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
68	FERMI -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 823, L2	7.9	42
67	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2012 , 747, 104	4.7	41
66	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012 , 751, 159	4.7	40
65	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
64	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

63	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 700, 1059-1066	4-7	38
62	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
61	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
60	FERMI LARGE AREA TELESCOPE DETECTION OF PULSED GAMMA RAYS FROM THE VELA-LIKE PULSARS PSR J1048-832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , 2009 , 706, 1331-1340	4-7	36
59	ASSOCIATING LONG-TERM GAMMA RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +6103. <i>Astrophysical Journal Letters</i> , 2013 , 773, L35	7-9	34
58	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454-54. <i>Astrophysical Journal</i> , 2009 , 697, 934-941	4-7	34
57	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 756, 4	4-7	34
56	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017 , 837, L5	7-9	33
55	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
54	DISCOVERY OF PULSED GAMMA RAYS FROM THE YOUNG RADIO PULSAR PSR J1028-819 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 695, L72-L77	4-7	31
53	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
52	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010 , 712, 1209-1218	4-7	30
51	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITOR AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017 , 835, 82	4-7	29
50	The Three-dimensional Spatial Distribution of Interstellar Gas in the Milky Way: Implications for Cosmic Rays and High-energy Gamma-ray Emissions. <i>Astrophysical Journal</i> , 2018 , 856,	4-7	29
49	FERMI LARGE AREA TELESCOPE DETECTION OF A BREAK IN THE GAMMA-RAY SPECTRUM OF THE SUPERNOVA REMNANT CASSIOPEIA A. <i>Astrophysical Journal</i> , 2013 , 779, 117	4-7	29
48	-LAT OBSERVATIONS OF HIGH- AND INTERMEDIATE-VELOCITY CLOUDS: TRACING COSMIC RAYS IN THE HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2015 , 807,	4-7	28
47	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
46	HelMod in the Works: From Direct Observations to the Local Interstellar Spectrum of Cosmic-Ray Electrons. <i>Astrophysical Journal</i> , 2018 , 854,	4-7	26

45	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
44	Energy Injection in Gamma-Ray Burst Afterglow Models. <i>Astrophysical Journal</i> , 2006 , 647, 1238-1249	4.7	25
43	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
42	Deciphering the Local Interstellar Spectra of Primary Cosmic-Ray Species with helmod. <i>Astrophysical Journal</i> , 2018 , 858,	4.7	24
41	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
40	FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. <i>Astrophysical Journal Letters</i> , 2010 , 717, L127-L132	7.9	23
39	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016 , 819, 98	4.7	22
38	FERMI-LAT AND WMAP OBSERVATIONS OF THE SUPERNOVA REMNANT HB 21. <i>Astrophysical Journal</i> , 2013 , 779, 179	4.7	22
37	Afterglow Light Curves and Broken Power Laws: A Statistical Study. <i>Astrophysical Journal</i> , 2006 , 640, L5-L8	4.7	22
36	Deciphering the Local Interstellar Spectra of Secondary Nuclei with the Galprop/Helmod Framework and a Hint for Primary Lithium in Cosmic Rays. <i>Astrophysical Journal</i> , 2020 , 889,	4.7	22
35	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057-2226, J1709-429, AND J1952+3252. <i>Astrophysical Journal</i> , 2010 , 720, 26-40	4.7	21
34	Inference of the Local Interstellar Spectra of Cosmic-Ray Nuclei ? 28 with the GalProp-HelMod Framework. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 250,	8	21
33	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018 , 861, 85	4.7	21
32	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
31	Cosmic-Ray Propagation in Light of the Recent Observation of Geminga. <i>Astrophysical Journal</i> , 2019 , 879,	4.7	17
30	FERMI OBSERVATIONS OF γ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012 , 758, 140	4.7	17
29	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
28	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015 , 809, L2	7.9	14

27	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018 , 4, eaao72283	13
26	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017 , 846, L5	7.9 11
25	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH FERMI. <i>Astrophysical Journal</i> , 2012 , 754, 121	4.7 11
24	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018 , 121, 241101	7.4 11
23	Investigating the Nature of Late-Time High-Energy GRB Emission Through Joint Observations.. <i>Astrophysical Journal</i> , 2018 , 863,	4.7 11
22	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 252, 13	8 11
21	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
20	Comprehensive multiwavelength modelling of the afterglow of GRB 050525A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 288-297	4.3 9
19	RADIO AND X-RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , 2011 , 728, 77	4.7 9
18	Deciphering Residual Emissions: Time-dependent Models for the Nonthermal Interstellar Radiation from the Milky Way. <i>Astrophysical Journal</i> , 2019 , 887,	4.7 7
17	Possible Detection of Gamma-Rays from Epsilon Eridani. <i>Astrophysical Journal</i> , 2019 , 878, 8	4.7 5
16	A method to analyze the diffuse gamma-ray emission with the Fermi Large Area Telescope 2008 ,	5
15	On the Measurement of Handedness in Fermi Large Area Telescope Data. <i>Astrophysical Journal</i> , 2020 , 898, 124	4.7 5
14	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 256, 12	8 5
13	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
12	A comparison of optimisation algorithms for high-dimensional particle and astrophysics applications. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4 4
11	FERMILAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016 , 822, 68	4.7 4
10	High-energy emission from a magnetar giant flare in the Sculptor galaxy. <i>Nature Astronomy</i> , 2021 , 5, 385-391	12.1 4

9	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021 , 921, 144	4.7	3
8	The Discovery of a Low-energy Excess in Cosmic-Ray Iron: Evidence of the Past Supernova Activity in the Local Bubble. <i>Astrophysical Journal</i> , 2021 , 913,	4.7	3
7	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019 , 886, L33	7.9	3
6	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016 , 820, 72	4.7	2
5	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019 , 883, 33	4.7	2
4	A Hint of a Low-energy Excess in Cosmic-Ray Fluorine. <i>Astrophysical Journal</i> , 2022 , 925, 108	4.7	1
3	Signatures of Recent Cosmic-Ray Acceleration in the High-latitude Gamma-Ray Sky. <i>Astrophysical Journal</i> , 2021 , 917,	4.7	1
2	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
1	Low-energy Electrons in Gamma-Ray Burst Afterglow Models. <i>Astrophysical Journal Letters</i> , 2018 , 859, L11	7.9	0