

# Giacomo Vianello

## List of Publications by Year in Descending Order

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

150  
papers

16,248  
citations

64  
h-index

127  
g-index

156  
ext. papers

18,029  
ext. citations

8.4  
avg, IF

4.86  
L-index

#	Paper	IF	Citations
150	The EXTraS project: Exploring the X-ray transient and variable sky. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 650, A167	5.1	2
149	On the Existence of the Plateau Emission in High-energy Gamma-Ray Burst Light Curves Observed by Fermi-LAT. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 255, 13	8	6
148	A Supernova Candidate at $z = 0.092$ in XMM-Newton Archival Data. <i>Astrophysical Journal</i> , <b>2020</b> , 898, 37	4.7	5
147	A new fitting function for GRB MeV spectra based on the internal shock synchrotron model. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 640, A91	5.1	2
146	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 356-366	4.3	4
145	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , <b>2019</b> , 878, 52	4.7	85
144	Time-resolved GRB polarization with POLAR and GBM. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 627, A105	5.1	21
143	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , <b>2018</b> , 4, eaao72283	28.3	13
142	Dark Matter Limits from Dwarf Spheroidal Galaxies with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 154	4.7	41
141	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , <b>2018</b> , 361,	33.3	407
140	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 49	4.7	10
139	The Bright and the Slow GRBs 100724B and 160509A with High-energy Cutoffs at $\sim 100$ MeV. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 163	4.7	25
138	The Significance of an Excess in a Counting Experiment: Assessing the Impact of Systematic Uncertainties and the Case with a Gaussian Background. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 236, 17	8	20
137	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , <b>2018</b> , 121, 241101	7.4	11
136	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , <b>2018</b> , 866, 24	4.7	15
135	Observation of Anisotropy of TeV Cosmic Rays with Two Years of HAWC. <i>Astrophysical Journal</i> , <b>2018</b> , 865, 57	4.7	17
134	Very-high-energy particle acceleration powered by the jets of the microquasar SS 433. <i>Nature</i> , <b>2018</b> , 562, 82-85	50.4	40

133	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , <b>2018</b> , 861, 85	4.7	21
132	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , <b>2018</b> , 62, 191-244	2.4	90
131	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 219	4.7	44
130	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMIGAMMA-RAY BURST MONITOR AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 82	4.7	29
129	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 837, L5	7.9	33
128	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , <b>2017</b> , 840, 43	4.7	157
127	Constraints on the bulk Lorentz factor of gamma-ray burst jets from Fermi/LAT upper limits. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 811-819	4.3	12
126	Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC. <i>Astrophysical Journal</i> , <b>2017</b> , 842, 85	4.7	24
125	Searching for High-energy Gamma-ray Counterparts to Gravitational-wave Sources with Fermi -LAT: A Needle in a Haystack. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 841, L16	7.9	3
124	Daily Monitoring of TeV Gamma-Ray Emission from Mrk 421, Mrk 501, and the Crab Nebula with HAWC. <i>Astrophysical Journal</i> , <b>2017</b> , 841, 100	4.7	27
123	3FHL: The Third Catalog of Hard Fermi -LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , <b>2017</b> , 232, 18	8	170
122	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 846, L5	7.9	11
121	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , <b>2017</b> , 846, 34	4.7	42
120	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> , <b>2017</b> , 843, 139	4.7	46
119	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events. <i>Astrophysical Journal</i> , <b>2017</b> , 843, 116	4.7	13
118	Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth. <i>Science</i> , <b>2017</b> , 358, 911-914	33.3	185
117	Search for Very-high-energy Emission from Gamma-Ray Bursts Using the First 18 Months of Data from the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , <b>2017</b> , 843, 88	4.7	9
116	The 2HWC HAWC Observatory Gamma-Ray Catalog. <i>Astrophysical Journal</i> , <b>2017</b> , 843, 40	4.7	148

115	The effect of X-ray dust scattering on a bright burst from the magnetar 1E 1547.0-0408. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 3467-3474	4.3	7
114	Behind the dust curtain: the spectacular case of GRB 160623A. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 1465-1472	4.3	7
113	The Fermi GBM and LAT follow-up of GW150914. <i>EPJ Web of Conferences</i> , <b>2017</b> , 136, 03020	0.3	
112	Results from DROXO. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 587, A36	5.1	7
111	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 826, L13	7.9	183
110	Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A71	5.1	50
109	Resolving the Extragalactic $\gamma$ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , <b>2016</b> , 116, 151105	7.4	105
108	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , <b>2016</b> , 826, 1	4.7	48
107	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 225, 8	8	38
106	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , <b>2016</b> , 93, 082001	4.9	17
105	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 149	4.7	67
104	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 98	4.7	22
103	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , <b>2016</b> , 820, 72	4.7	2
102	2FHL: THE SECOND CATALOG OF HARD FERMI -LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 222, 5	8	189
101	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY $\gamma$ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 44	4.7	230
100	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 224, 8	8	148
99	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> , <b>2016</b> , 223, 26	8	251
98	FERMI -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 823, L2	7.9	42

97	FERMILAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , <b>2016</b> , 822, 68	4.7	4
96	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 86	4.7	421
95	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2015</b> , 218, 23	8	1100
94	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE FERMILAT. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 169	4.7	23
93	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> , <b>2015</b> , 91,	4.9	184
92	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> , <b>2015</b> , 115, 231301	7.4	598
91	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 809, L2	7.9	14
90	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , <b>2015</b> , 350, 801-5	33.3	31
89	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> , <b>2015</b> , 2015, 008-008	6.4	61
88	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMILARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 14	4.7	391
87	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 813, L41	7.9	96
86	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMILAT. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 159	4.7	38
85	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-11 OBSERVED BY FERMILAT. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 143	4.7	37
84	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	320
83	Fermi-LAT observations of the gamma-ray burst GRB 130427A. <i>Science</i> , <b>2014</b> , 343, 42-7	33.3	172
82	Observations of Gamma-ray Bursts with the Fermi Large Area Telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 742, 162-164	1.2	
81	GRB 130427A: a nearby ordinary monster. <i>Science</i> , <b>2014</b> , 343, 48-51	33.3	88
80	LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , <b>2014</b> , 784,	4.7	9

79	THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES. <i>Astrophysical Journal</i> , <b>2014</b> , 793, 64	4-7	197
78	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2014</b> , 789, 20	4-7	81
77	The bright optical flash and afterglow from the gamma-ray burst GRB 130427A. <i>Science</i> , <b>2014</b> , 343, 38-41	33-3	65
76	The first pulse of the extremely bright GRB 130427A: a test lab for synchrotron shocks. <i>Science</i> , <b>2014</b> , 343, 51-4	33-3	51
75	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , <b>2014</b> , 787, 18	4-7	96
74	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C +21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , <b>2014</b> , 786, 157	4-7	29
73	Clustering of LAT light curves: a clue to the origin of high-energy emission in gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 443, 3578-3585	4-3	38
72	Inferred cosmic-ray spectrum from Fermi large area telescope $\gamma$ observations of Earth's limb. <i>Physical Review Letters</i> , <b>2014</b> , 112, 151103	7-4	25
71	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> , <b>2014</b> , 787, 15	4-7	81
70	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 785, L16	7-9	32
69	Novae. Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , <b>2014</b> , 345, 554-8	33-3	106
68	TIME-RESOLVED ANALYSIS OF FERMI GAMMA-RAY BURSTS WITH FAST- AND SLOW-COOLED SYNCHROTRON PHOTON MODELS. <i>Astrophysical Journal</i> , <b>2014</b> , 784, 17	4-7	68
67	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , <b>2013</b> , 88,	4-9	155
66	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\gamma$ PULSAR SEEN BY THE Fermi LAT. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 777, L2	7-9	52
65	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING FERMI LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2013</b> , 773, 77	4-7	70
64	Detection of the characteristic pion-decay signature in supernova remnants. <i>Science</i> , <b>2013</b> , 339, 807-11	33-3	475
63	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> , <b>2013</b> , 765, 54	4-7	56
62	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 208, 17	8	583

61	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 209, 11	8	203
60	NUSTAR OBSERVATIONS OF GRB 130427A ESTABLISH A SINGLE COMPONENT SYNCHROTRON AFTERGLOW ORIGIN FOR THE LATE OPTICAL TO MULTI-GEV EMISSION. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 779, L1	7.9	61
59	EVIDENCE FOR A PHOTOSPHERIC COMPONENT IN THE PROMPT EMISSION OF THE SHORT GRB 120323A AND ITS EFFECTS ON THE GRB HARDNESS-LUMINOSITY RELATION. <i>Astrophysical Journal</i> , <b>2013</b> , 770, 32	4.7	100
58	ASSOCIATING LONG-TERM X-RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61°B03. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 773, L35	7.9	34
57	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 209, 34	8	160
56	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> , <b>2013</b> , 771, 57	4.7	43
55	Global Properties of High-Energy Emission from Gamma-Ray Bursts. <i>EAS Publications Series</i> , <b>2013</b> , 61, 123-128	0.2	
54	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , <b>2013</b> , 763, 71	4.7	64
53	SEARCH FOR DARK MATTER SATELLITES USING FERMI-LAT. <i>Astrophysical Journal</i> , <b>2012</b> , 747, 121	4.7	120
52	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> , <b>2012</b> , 85,	4.9	12
51	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH FERMI. <i>Astrophysical Journal</i> , <b>2012</b> , 754, 121	4.7	11
50	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	73
49	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM FERMI-LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , <b>2012</b> , 761, 91	4.7	148
48	FERMI LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , <b>2012</b> , 755, 22	4.7	46
47	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2012</b> , 199, 31	8	1003
46	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7-0.1. <i>Astrophysical Journal</i> , <b>2012</b> , 744, 80	4.7	36
45	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , <b>2012</b> , 35, 346-353	2.4	24
44	Binary millisecond pulsar discovery via gamma-ray pulsations. <i>Science</i> , <b>2012</b> , 338, 1314-7	33.3	78

43	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	161
42	Measurement of separate cosmic-ray electron and positron spectra with the Fermi large area telescope. <i>Physical Review Letters</i> , <b>2012</b> , 108, 011103	7.4	378
41	The imprint of the extragalactic background light in the gamma-ray spectra of blazars. <i>Science</i> , <b>2012</b> , 338, 1190-2	33.3	182
40	Periodic emission from the gamma-ray binary 1FGL J1018.6-5856. <i>Science</i> , <b>2012</b> , 335, 189-93	33.3	66
39	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , <b>2012</b> , 203, 4	8	356
38	Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2012</b> , 2012, 012-012	6.4	2
37	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2012</b> , 755, 164	4.7	245
36	FERMI OBSERVATIONS OF $\gamma$ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , <b>2012</b> , 758, 140	4.7	17
35	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2012</b> , 756, 4	4.7	34
34	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , <b>2012</b> , 757, L31	7.9	129
33	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH FERMI-LAT. <i>Astrophysical Journal</i> , <b>2012</b> , 747, 104	4.7	41
32	FERMI DETECTION OF $\gamma$ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , <b>2012</b> , 745, 144	4.7	52
31	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST FERMI-LAT CATALOG. <i>Astrophysical Journal</i> , <b>2012</b> , 753, 83	4.7	85
30	The cosmic-ray and gas content of the Cygnus region as measured in $\gamma$ -rays by the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 538, A71	5.1	38
29	FERMI-LAT OBSERVATIONS OF THE DIFFUSE $\gamma$ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , <b>2012</b> , 750, 3	4.7	405
28	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , <b>2012</b> , 751, 159	4.7	40
27	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 734, L27	7.9	32
26	RADIO AND $\gamma$ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , <b>2011</b> , 728, 77	4.7	9

25	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7B946 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2011</b> , 734, 28	4.7	193
24	RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , <b>2011</b> , 742, 27	4.7	85
23	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259-33/LS 2883 AROUND PERIASTRON WITH FERMI. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 736, L11	7.9	117
22	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2011</b> , 741, 30	4.7	102
21	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , <b>2011</b> , 734, 116	4.7	68
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17	Two magnetars: SGR 1627-41 and 1E 1547-408. <i>Advances in Space Research</i> , <b>2011</b> , 47, 1312-1316	2.4	1
16	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	26
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5	FermiLarge Area Telescope observations of Local Group galaxies: detection of M 31 and search for M 33. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 523, L2	5.1	83
4	AGILEDETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 708, L84-L88	7.9	44
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2	The updated spectral catalogue of INTEGRAL gamma-ray bursts. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 495, 1005-1032	5.1	26
1	Dust-scattered X-ray halos around two Swift gamma-ray bursts: GRB 061019 and GRB 070129. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 473, 423-427	5.1	15