

Giacomo Vianello

List of Publications by Citations

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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	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015 , 218, 23	8	1100
149	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 199, 31	8	1003
148	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
147	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 208, 17	8	583
146	Detection of the characteristic pion-decay signature in supernova remnants. <i>Science</i> , 2013 , 339, 807-11	33.3	475
145	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 743, 171	4.7	473
144	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015 , 799, 86	4.7	421
143	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
142	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018 , 361,	33.3	407
141	FERMI-LAT OBSERVATIONS OF THE DIFFUSE RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012 , 750, 3	4.7	405
140	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015 , 810, 14	4.7	391
139	Measurement of separate cosmic-ray electron and positron spectra with the Fermi large area telescope. <i>Physical Review Letters</i> , 2012 , 108, 011103	7.4	378
138	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
137	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014 , 89,	4.9	320
136	Gamma-ray flares from the Crab Nebula. <i>Science</i> , 2011 , 331, 739-42	33.3	263
135	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
134	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 755, 164	4.7	245

133	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016 , 819, 44	4-7	230
132	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
131	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 11	8	203
130	THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES. <i>Astrophysical Journal</i> , 2014 , 793, 64	4-7	197
129	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
128	2FHL: THE SECOND CATALOG OF HARD FERMI -LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 222, 5	8	189
127	Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth. <i>Science</i> , 2017 , 358, 911-914	33-3	185
126	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. <i>Physical Review D</i> , 2015 , 91,	4-9	184
125	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 826, L13	7-9	183
124	The imprint of the extragalactic background light in the gamma-ray spectra of blazars. <i>Science</i> , 2012 , 338, 1190-2	33-3	182
123	Fermi-LAT observations of the gamma-ray burst GRB 130427A. <i>Science</i> , 2014 , 343, 42-7	33-3	172
122	3FHL: The Third Catalog of Hard Fermi -LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 232, 18	8	170
121	A cocoon of freshly accelerated cosmic rays detected by Fermi in the Cygnus superbubble. <i>Science</i> , 2011 , 334, 1103-7	33-3	168
120	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. <i>Physical Review D</i> , 2012 , 86,	4-9	161
119	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 34	8	160
118	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017 , 840, 43	4-7	157
117	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013 , 88,	4-9	155
116	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

115	The 2HWC HAWC Observatory Gamma-Ray Catalog. <i>Astrophysical Journal</i> , 2017 , 843, 40	4.7	148
114	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM FERMI-LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012 , 761, 91	4.7	148
113	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 8	8	148
112	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012 , 757, L31	7.9	129
111	SEARCH FOR DARK MATTER SATELLITES USING FERMI-LAT. <i>Astrophysical Journal</i> , 2012 , 747, 121	4.7	120
110	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259-53/LS 2883 AROUND PERIASTRON WITH FERMI. <i>Astrophysical Journal Letters</i> , 2011 , 736, L11	7.9	117
109	Novae. Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014 , 345, 554-8	33.3	106
108	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
107	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
106	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> , 2013 , 770, 32	4.7	100
105	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
104	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014 , 787, 18	4.7	96
103	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018 , 62, 191-244	2.4	90
102	GRB 130427A: a nearby ordinary monster. <i>Science</i> , 2014 , 343, 48-51	33.3	88
101	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019 , 878, 52	4.7	85
100	γ -RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011 , 742, 27	4.7	85
99	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST FERMI-LAT CATALOG. <i>Astrophysical Journal</i> , 2012 , 753, 83	4.7	85
98	Fermi Large Area Telescope observations of Local Group galaxies: detection of M 31 and search for M 33. <i>Astronomy and Astrophysics</i> , 2010 , 523, L2	5.1	83

97	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
96	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
95	Binary millisecond pulsar discovery via gamma-ray pulsations. <i>Science</i> , 2012 , 338, 1314-7	33.3	78
94	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. <i>Physical Review D</i> , 2012 , 85,	4.9	73
93	THE DUST-SCATTERING X-RAY RINGS OF THE ANOMALOUS X-RAY PULSAR 1E 1547.0-5408. <i>Astrophysical Journal</i> , 2010 , 710, 227-235	4.7	71
92	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USINGFERMILARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013 , 773, 77	4.7	70
91	TIME-RESOLVED ANALYSIS OFFERMIGAMMA-RAY BURSTS WITH FAST- AND SLOW-COOLED SYNCHROTRON PHOTON MODELS. <i>Astrophysical Journal</i> , 2014 , 784, 17	4.7	68
90	FERMILARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , 2011 , 734, 116	4.7	68
89	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OFFERMI-LAT DATA. <i>Astrophysical Journal</i> , 2016 , 819, 149	4.7	67
88	Periodic emission from the gamma-ray binary 1FGL J1018.6-5856. <i>Science</i> , 2012 , 335, 189-93	33.3	66
87	The bright optical flash and afterglow from the gamma-ray burst GRB 130427A. <i>Science</i> , 2014 , 343, 38-41	33.3	65
86	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013 , 763, 71	4.7	64
85	STRONG BURSTS FROM THE ANOMALOUS X-RAY PULSAR 1E 1547.0-5408 OBSERVED WITH THE INTEGRAL /SPI ANTI-COINCIDENCE SHIELD. <i>Astrophysical Journal</i> , 2009 , 696, L74-L78	4.7	64
84	Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 008-008	6.4	61
83	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> , 2013 , 779, L1	7.9	61
82	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THEFERMILARGE 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
81	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE BRAY PULSAR SEEN BY THE Fermi LAT. <i>Astrophysical Journal Letters</i> , 2013 , 777, L2	7.9	52
80	FERMIDETECTION OF BRAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012 , 745, 144	4.7	52

79	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
78	Fermi detection of a luminous γ -ray pulsar in a globular cluster. <i>Science</i> , 2011 , 334, 1107-10	33.3	51
77	Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , 2016 , 586, A71	5.1	50
76	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
75	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
74	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
73	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017 , 835, 219	4.7	44
72	AGILE DETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. <i>Astrophysical Journal Letters</i> , 2010 , 708, L84-L88	7.9	44
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	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
69	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 823, L2	7.9	42
68	Dark Matter Limits from Dwarf Spheroidal Galaxies with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2018 , 853, 154	4.7	41
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	Very-high-energy particle acceleration powered by the jets of the microquasar SS 433. <i>Nature</i> , 2018 , 562, 82-85	50.4	40
64	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
63	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2015 , 812, 159	4.7	38
62	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> , 2014 , 443, 3578-3585	4.3	38

61	The cosmic-ray and gas content of the Cygnus region as measured in γ -rays by the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2012 , 538, A71	5.1	38
60	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
59	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
58	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7-1. <i>Astrophysical Journal</i> , 2012 , 744, 80	4.7	36
57	ASSOCIATING LONG-TERM γ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 α 03. <i>Astrophysical Journal Letters</i> , 2013 , 773, L35	7.9	34
56	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 756, 4	4.7	34
55	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017 , 837, L5	7.9	33
54	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014 , 785, L16	7.9	32
53	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
52	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015 , 350, 801-5	33.3	31
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	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C +21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014 , 786, 157	4.7	29
49	A faint optical flash in dust-obscured GRB 080603A: implications for GRB prompt emission mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 417, 2124-2143	4.3	28
48	Daily Monitoring of TeV Gamma-Ray Emission from Mrk 421, Mrk 501, and the Crab Nebula with HAWC. <i>Astrophysical Journal</i> , 2017 , 841, 100	4.7	27
47	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. <i>Physical Review D</i> , 2011 , 84,	4.9	26
46	The updated spectral catalogue of INTEGRAL gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2009 , 495, 1005-1032	5.1	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	The Bright and the Slow GRBs 100724B and 160509A with High-energy Cutoffs at \sim 100 MeV. <i>Astrophysical Journal</i> , 2018 , 864, 163	4.7	25

43	Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC. <i>Astrophysical Journal</i> , 2017 , 842, 85	4-7	24
42	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
41	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THEFERMILAT. <i>Astrophysical Journal</i> , 2015 , 807, 169	4-7	23
40	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITHFERMI-LAT. <i>Astrophysical Journal</i> , 2016 , 819, 98	4-7	22
39	Time-resolved GRB polarization with POLAR and GBM. <i>Astronomy and Astrophysics</i> , 2019 , 627, A105	5-1	21
38	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018 , 861, 85	4-7	21
37	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> , 2018 , 236, 17	8	20
36	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2016 , 93, 082001	4-9	17
35	FERMIOBSERVATIONS OF γ RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012 , 758, 140	4-7	17
34	Observation of Anisotropy of TeV Cosmic Rays with Two Years of HAWC. <i>Astrophysical Journal</i> , 2018 , 865, 57	4-7	17
33	Dust-scattered X-ray halos around two Swift gamma-ray bursts: GRB 061019 and GRB 070129. <i>Astronomy and Astrophysics</i> , 2007 , 473, 423-427	5-1	15
32	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
31	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015 , 809, L2	7-9	14
30	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018 , 4, eaao7228	2-3	13
29	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events. <i>Astrophysical Journal</i> , 2017 , 843, 116	4-7	13
28	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> , 2017 , 465, 811-819	4-3	12
27	Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D 85, 083007 (2012)]. <i>Physical Review D</i> , 2012 , 85,	4-9	12
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	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
22	LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , 2014 , 784,	4.7	9
21	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> , 2017 , 843, 88	4.7	9
20	RADIO AND γ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , 2011 , 728, 77	4.7	9
19	Results from DROXO. <i>Astronomy and Astrophysics</i> , 2016 , 587, A36	5.1	7
18	The effect of X-ray dust scattering on a bright burst from the magnetar 1E 1547.0-408. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 3467-3474	4.3	7
17	Behind the dust curtain: the spectacular case of GRB 160623A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 1465-1472	4.3	7
16	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> , 2021 , 255, 13	8	6
15	A Supernova Candidate at $z = 0.092$ in XMM-Newton Archival Data. <i>Astrophysical Journal</i> , 2020 , 898, 37	4.7	5
14	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
13	FERMI-LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016 , 822, 68	4.7	4
12	Searching for High-energy Gamma-ray Counterparts to Gravitational-wave Sources with Fermi-LAT: A Needle in a Haystack. <i>Astrophysical Journal Letters</i> , 2017 , 841, L16	7.9	3
11	The spectacular X-ray echo of a magnetar burst 2010 ,		3
10	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016 , 820, 72	4.7	2
9	The observation of gamma ray bursts and terrestrial gamma-ray flashes with AGILE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 155-158	1.2	2
8	Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012 , 2012, 012-012	6.4	2

7	A new fitting function for GRB MeV spectra based on the internal shock synchrotron model. <i>Astronomy and Astrophysics</i> , 2020 , 640, A91	5.1	2
6	The first GRB survey of the IBIS/PICsIT archive. <i>Astronomy and Astrophysics</i> , 2011 , 536, A46	5.1	2
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