

# Igor Moskalenko

## List of Publications by Year in descending order

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Version: 2024-02-01

360  
papers

48,656  
citations

807

118  
h-index

1627

215  
g-index

378  
all docs

378  
docs citations

378  
times ranked

16440  
citing authors



#	ARTICLE	IF	CITATIONS
19	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. <i>Science</i> , 2009, 323, 1688-1693.	6.0	523
20	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015, 810, 14.	1.6	475
21	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.	2.9	465
22	A limit on the variation of the speed of light arising from quantum gravity effects. <i>Nature</i> , 2009, 462, 331-334.	13.7	454
23	Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2012, 108, 011103.	2.9	445
24	Diffuse Galactic Continuum Gamma Rays: A Model Compatible with EGRET Data and Cosmic-Ray Measurements. <i>Astrophysical Journal</i> , 2004, 613, 962-976.	1.6	435
25	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.	2.9	433
26	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 715, 429-457.	1.6	415
27	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 4.	3.0	403
28	THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 460-494.	3.0	396
29	<i>FERMI</i> /LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 46-66.	3.0	394
30	<i>FERMI</i> OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. <i>Astrophysical Journal</i> , 2009, 706, L138-L144.	1.6	364
31	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014, 89, .	1.6	360
32	Secondary Antiprotons and Propagation of Cosmic Rays in the Galaxy and Heliosphere. <i>Astrophysical Journal</i> , 2002, 565, 280-296.	1.6	354
33	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THE <i>FERMI</i> LARGE AREA TELESCOPE ALL-SKY SURVEY. <i>Astrophysical Journal</i> , 2009, 700, 597-622.	1.6	349
34	GALACTIC COSMIC RAYS IN THE LOCAL INTERSTELLAR MEDIUM: VOYAGER 1 OBSERVATIONS AND MODEL RESULTS. <i>Astrophysical Journal</i> , 2016, 831, 18.	1.6	320
35	<i>FERMI</i> 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.	1.6	306
36	<i>FERMI</i> -LAT OBSERVATIONS OF HIGH-ENERGY $\gamma$ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44.	1.6	301

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37	Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 739-742.	6.0	297
38	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE <i>FERMI</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164.	1.6	297
39	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT <i>FERMI</i> -DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2010, 722, 520-542.	1.6	292
40	Fermi LAT observations of cosmic-ray electrons from 70 GeV to 1 TeV. <i>Physical Review D</i> , 2010, 82, .	1.6	276
41	A change in the optical polarization associated with a $\gamma$ -ray flare in the blazar 3C 279. <i>Nature</i> , 2010, 463, 919-923.	13.7	269
42	CONSTRAINTS ON COSMIC-RAY PROPAGATION MODELS FROM A GLOBAL BAYESIAN ANALYSIS. <i>Astrophysical Journal</i> , 2011, 729, 106.	1.6	268
43	A New Determination of the Extragalactic Diffuse Gamma-Ray Background from EGRET Data. <i>Astrophysical Journal</i> , 2004, 613, 956-961.	1.6	266
44	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. <i>Science</i> , 2009, 325, 840-844.	6.0	264
45	<i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011, 736, 131.	1.6	261
46	Dissipation of Magnetohydrodynamic Waves on Energetic Particles: Impact on Interstellar Turbulence and Cosmic-Ray Transport. <i>Astrophysical Journal</i> , 2006, 642, 902-916.	1.6	251
47	OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL GALAXIES WITH THE <i>FERMI</i> -LARGE AREA TELESCOPE DETECTOR AND CONSTRAINTS ON DARK MATTER MODELS. <i>Astrophysical Journal</i> , 2010, 712, 147-158.	1.6	243
48	THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> -BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64.	1.6	239
49	<i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. <i>Astrophysical Journal</i> , 2010, 708, 1254-1267.	1.6	237
50	RADIO-LOUD NARROW-LINE SEYFERT 1 AS A NEW CLASS OF GAMMA-RAY ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, L142-L147.	1.6	230
51	3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal</i> , Supplement Series, 2017, 232, 18.	3.0	227
52	Gamma-Ray Emission from the Shell of Supernova Remnant W44 Revealed by the Fermi LAT. <i>Science</i> , 2010, 327, 1103-1106.	6.0	220
53	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal</i> , Supplement Series, 2016, 222, 5.	3.0	219
54	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. <i>Science</i> , 2011, 334, 1103-1107.	6.0	217

#	ARTICLE	IF	CITATIONS
55	<i>FERMI</i> LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. <i>Astrophysical Journal</i> , 2009, 706, L1-L6.	1.6	216
56	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
57	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	3.0	210
58	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7â€“3946 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 734, 28.	1.6	209
59	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. <i>Science</i> , 2012, 338, 1190-1192.	6.0	207
60	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105.	1.6	204
61	OBSERVATION OF SUPERNOVA REMNANT ICÂ443 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 712, 459-468.	1.6	203
62	GLOBAL COSMIC-RAY-RELATED LUMINOSITY AND ENERGY BUDGET OF THE MILKY WAY. <i>Astrophysical Journal Letters</i> , 2010, 722, L58-L63.	3.0	198
63	The 511ÂkeV emission from positron annihilation in the Galaxy. <i>Reviews of Modern Physics</i> , 2011, 83, 1001-1056.	16.4	197
64	Modulated High-Energy Gamma-Ray Emission from the Microquasar Cygnus X-3. <i>Science</i> , 2009, 326, 1512-1516.	6.0	193
65	Inverse Compton Origin of the Hard Xâ€Ray and Soft Gammaâ€Ray Emission from the Galactic Ridge. <i>Astrophysical Journal</i> , 2008, 682, 400-407.	1.6	191
66	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	6.0	190
67	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2016, 224, 8.	3.0	190
68	Fermi Gamma-Ray Imaging of a Radio Galaxy. <i>Science</i> , 2010, 328, 725-729.	6.0	187
69	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM <i>FERMI</i>-LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012, 761, 91.	1.6	186
70	Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal</i> , Supplement Series, 2022, 260, 53.	3.0	186
71	INSIGHTS INTO THE HIGH-ENERGY Î³-RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>FERMI</i> ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	1.6	185
72	THE FIRST <i>FERMI</i> -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 34.	3.0	184

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73	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.4â€“0.1). <i>Astrophysical Journal</i> , 2010, 718, 348-356.	1.6	180
74	THE <i>FERMI</i>-LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. <i>Astrophysical Journal</i> , 2010, 720, 435-453.	1.6	179
75	DETECTION OF GAMMA-RAY EMISSION FROM THE STARBURST GALAXIES M82 AND NGC 253 WITH THE LARGE AREA TELESCOPE ON <i>FERMI</i>. <i>Astrophysical Journal Letters</i> , 2010, 709, L152-L157.	3.0	179
76	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011, 729, 114.	1.6	179
77	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. <i>Physical Review D</i> , 2012, 86, .	1.6	175
78	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013, 88, .	1.6	175
79	<i>FERMI</i> OBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. <i>Astrophysical Journal</i> , 2010, 710, 133-149.	1.6	172
80	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.	3.0	172
81	<i>FERMI</i> <i>GAMMA-RAY SPACE TELESCOPE</i> OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. <i>Astrophysical Journal Letters</i> , 2011, 733, L26.	3.0	170
82	MINUTE-TIMESCALE >100 MeV $\hat{3}$ -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.	3.0	167
83	SPECTRAL PROPERTIES OF BRIGHT <i>FERMI</i>-DETECTED BLAZARS IN THE GAMMA-RAY BAND. <i>Astrophysical Journal</i> , 2010, 710, 1271-1285.	1.6	166
84	Fermi Large Area Telescope Search for Photon Lines from 30 to 200 GeV and Dark Matter Implications. <i>Physical Review Letters</i> , 2010, 104, 091302.	2.9	166
85	The distribution of cosmic-ray sources in the Galaxy, $\hat{3}$ -rays and the gradient in the CO-to-H <sub>2</sub> relation. <i>Astronomy and Astrophysics</i> , 2004, 422, L47-L50.	2.1	165
86	<i>FERMI</i> DISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009, 699, 31-39.	1.6	165
87	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. <i>Science</i> , 2010, 329, 817-821.	6.0	165
88	Discovery of TeV Gamma-Ray Emission from the Cygnus Region of the Galaxy. <i>Astrophysical Journal</i> , 2007, 658, L33-L36.	1.6	161
89	<i>FERMI</i>/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.	1.6	161
90	<i>FERMI</i> LARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , 2009, 707, 55-60.	1.6	153

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91	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52.	1.6	152
92	Search for Spectral Irregularities due to Photon $\rightarrow$ Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 161101.	2.9	151
93	Pre-launch estimates for GLAST sensitivity to dark matter annihilation signals. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 013.	1.9	149
94	<i>Fermi</i> -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. <i>Astrophysical Journal Letters</i> , 2010, 710, L92-L97.	3.0	149
95	<i>Fermi</i> LARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 720, 912-922.	1.6	148
96	Attenuation of Very High Energy Gamma Rays by the Milky Way Interstellar Radiation Field. <i>Astrophysical Journal</i> , 2006, 640, L155-L158.	1.6	146
97	Constraints on dark matter annihilation in clusters of galaxies with the Fermi large area telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 025-025.	1.9	145
98	SIMULTANEOUS OBSERVATIONS OF PKS 2155 $\rightarrow$ 304 WITH HESS, <i>Fermi</i> , <i>RXTE</i> , AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. <i>Astrophysical Journal</i> , 2009, 696, L150-L155.	1.6	144
99	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , 2015, 813, L41.	3.0	144
100	EARLY FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009, 699, 817-823.	1.6	141
101	<i>Fermi</i> LARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. <i>Astrophysical Journal</i> , 2010, 719, 1433-1444.	1.6	141
102	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , 2010, 717, L71-L78.	3.0	140
103	Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014, 345, 554-558.	6.0	140
104	Cosmic-ray electron-positron spectrum from 7 $\rightarrow$ GeV to 2 $\rightarrow$ TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017, 95, .	1.6	138
105	Inverse Compton Emission from Galactic Supernova Remnants: Effect of the Interstellar Radiation Field. <i>Astrophysical Journal</i> , 2006, 648, L29-L32.	1.6	137
106	<i>Fermi</i> GAMMA-RAY SPACE TELESCOPE $\rightarrow$ OBSERVATIONS OF GAMMA-RAY OUTBURSTS FROM 3C 454.3 IN 2009 DECEMBER AND 2010 APRIL. <i>Astrophysical Journal</i> , 2010, 721, 1383-1396.	1.6	134
107	Fermi Large Area Telescope Measurements of the Diffuse Gamma-Ray Emission at Intermediate Galactic Latitudes. <i>Physical Review Letters</i> , 2009, 103, 251101.	2.9	133
108	A Measurement of the Spatial Distribution of Diffuse TeV Gamma $\rightarrow$ Ray Emission from the Galactic Plane with Milagro. <i>Astrophysical Journal</i> , 2008, 688, 1078-1083.	1.6	130

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109	<i>SWIFT</i> AND <i>FERMI</i> OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. <i>Astrophysical Journal Letters</i> , 2010, 709, L146-L151.	3.0	130
110	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259â€“63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i>. <i>Astrophysical Journal Letters</i> , 2011, 736, L11.	3.0	130
111	SEARCH FOR DARK MATTER SATELLITES USING<i>FERMI</i>-LAT. <i>Astrophysical Journal</i> , 2012, 747, 121.	1.6	130
112	Resolving the Extragalactic<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></math>-Ray Background above 50ÂGeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 151105.	2.9	130
113	A population of gamma-ray emitting globular clusters seen with the<i>Fermi</i>Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2010, 524, A75.	2.1	129
114	Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 014-014.	1.9	129
115	TESTING THE ORIGIN OF HIGH-ENERGY COSMIC RAYS. <i>Astrophysical Journal</i> , 2012, 752, 68.	1.6	125
116	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 193-219.	1.9	123
117	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	1.6	123
118	BAYESIAN ANALYSIS OF COSMIC RAY PROPAGATION: EVIDENCE AGAINST HOMOGENEOUS DIFFUSION. <i>Astrophysical Journal</i> , 2016, 824, 16.	1.6	121
119	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.	3.0	121
120	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	1.6	120
121	<i>FERMI</i> LAT OBSERVATIONS OF LS I +61Â°303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. <i>Astrophysical Journal</i> , 2009, 701, L123-L128.	1.6	119
122	<i>FERMI</i> /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009, 706, L56-L61.	1.6	119
123	Models for galactic cosmic-ray propagation. <i>Advances in Space Research</i> , 2001, 27, 717-726.	1.2	115
124	<i>FERMI</i>OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, 1310-1333.	1.6	114
125	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE<i>FERMI</i>LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 741, 30.	1.6	113
126	A gamma-ray determination of the Universeâ€™s star formation history. <i>Science</i> , 2018, 362, 1031-1034.	6.0	111



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127	Observations of the Large Magellanic Cloud with <i>Fermi</i> . <i>Astronomy and Astrophysics</i> , 2010, 512, A7.	2.1	106
128	<i>FERMI</i> LARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2010, 723, 1082-1096.	1.6	106
129	ANALYTIC SOLUTION FOR SELF-REGULATED COLLECTIVE ESCAPE OF COSMIC RAYS FROM THEIR ACCELERATION SITES. <i>Astrophysical Journal</i> , 2013, 768, 73.	1.6	102
130	Solution of Heliospheric Propagation: Unveiling the Local Interstellar Spectra of Cosmic-ray Species. <i>Astrophysical Journal</i> , 2017, 840, 115.	1.6	102
131	$\tilde{\nu}$ -RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011, 742, 27.	1.6	101
132	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST <i>FERMI</i> -LAT CATALOG. <i>Astrophysical Journal</i> , 2012, 753, 83.	1.6	100
133	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF <i>FERMI</i> LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014, 787, 15.	1.6	100
134	<i>FERMI</i> -LAT 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.	1.6	99
135	<i>FERMI</i> LARGE 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.	1.6	99
136	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , 2011, 734, 116.	1.6	98
137	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OF <i>FERMI</i> -LAT OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 713, 154-165.	1.6	96
138	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM <i>FERMI</i> - $\tilde{\nu}$ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , 2011, 726, 81.	1.6	96
139	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.	1.6	96
140	<i>Fermi</i> Large Area Telescope observations of Local Group galaxies: detection of M31 and search for M33. <i>Astronomy and Astrophysics</i> , 2010, 523, L2.	2.1	94
141	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 77.	1.6	94
142	Challenging Cosmic-ray Propagation with Antiprotons: Evidence for a "Fresh" Nuclei Component?. <i>Astrophysical Journal</i> , 2003, 586, 1050-1066.	1.6	93
143	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. <i>Science</i> , 2012, 338, 1314-1317.	6.0	92
144	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.	1.9	90

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145	<i>FERMI</i>-LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. <i>Astrophysical Journal</i> , 2010, 722, 1303-1311.	1.6	89
146	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. <i>Astrophysical Journal</i> , 2016, 819, 149.	1.6	88
147	The Fermi Gamma-Ray Space Telescope Discovers the Pulsar in the Young Galactic Supernova Remnant CTA 1. <i>Science</i> , 2008, 322, 1218-1221.	6.0	87
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