

Igor Moskalenko

List of Publications by Year in descending order

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Version: 2024-02-01

360
papers

48,656
citations

813

118
h-index

1629

215
g-index

378
all docs

378
docs citations

378
times ranked

16440
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hint of a Low-energy Excess in Cosmic-Ray Fluorine. <i>Astrophysical Journal</i> , 2022, 925, 108.	1.6	6
2	Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53.	3.0	186
3	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. <i>Astrophysical Journal</i> , 2022, 933, 204.	1.6	3
4	Spectra of Cosmic-Ray Sodium and Aluminum and Unexpected Aluminum Excess. <i>Astrophysical Journal</i> , 2022, 933, 147.	1.6	0
5	On the Origin of Observed Cosmic-Ray Spectrum Below 100 TV. <i>Astrophysical Journal</i> , 2022, 933, 78.	1.6	4
6	Dark matter interpretation of the Fermi-LAT observations toward the outer halo of M31. <i>Physical Review D</i> , 2021, 103, .	1.6	20
7	The TeV Cosmic-Ray Bump: A Message from the Epsilon Indi or Epsilon Eridani Star?. <i>Astrophysical Journal</i> , 2021, 911, 151.	1.6	13
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, 5.	1.6	20
9	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12.	3.0	30
10	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 13.	3.0	7
11	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 13.	3.0	32
12	High-energy emission from a magnetar giant flare in the Sculptor galaxy. <i>Nature Astronomy</i> , 2021, 5, 385-391.	4.2	19
13	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021, 921, 144.	1.6	14
14	Cosmic-ray antinuclei as messengers of new physics: status and outlook for the new decade. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 035-035.	1.9	48
15	Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 33.	3.0	817
16	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105.	1.6	204
17	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.	1.6	48
18	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, 167.	1.6	42

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19	Inference of the Local Interstellar Spectra of Cosmic-Ray Nuclei Z ²⁸ with the GalProp ^{HelMod} Framework. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 27.	3.0	56
20	BIOINDICATIVE, ECOLOGICAL AND ANALYTICAL SPECIFICATIONS OF MINOR STREAMS UNDER THE INFLUENCE OF HAZARDOUS MAN-MADE OBJECTS. <i>Periodico Tche Quimica</i> , 2020, 17, 462-476.	0.0	0
21	Fermi-LAT Observations of $\hat{\beta}$ -Ray Emission toward the Outer Halo of M31. <i>Astrophysical Journal</i> , 2019, 880, 95.	1.6	29
22	Cosmic-Ray Propagation in Light of the Recent Observation of Geminga. <i>Astrophysical Journal</i> , 2019, 879, 91.	1.6	35
23	Laser-Induced Fluorescence Measurements of the Noble-Gas Atom and Ion Densities in a Mirror System. <i>Plasma Physics Reports</i> , 2019, 45, 642-649.	0.3	0
24	AMS-100: The next generation magnetic spectrometer in space – An international science platform for physics and astrophysics at Lagrange point 2. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 944, 162561.	0.7	41
25	AAfrag: Interpolation routines for Monte Carlo results on secondary production in proton-proton, proton-nucleus and nucleus-nucleus interactions. <i>Computer Physics Communications</i> , 2019, 245, 106846.	3.0	30
26	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 356-366.	1.6	7
27	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52.	1.6	152
28	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019, 886, L33.	3.0	6
29	Deciphering Residual Emissions: Time-dependent Models for the Nonthermal Interstellar Radiation from the Milky Way. <i>Astrophysical Journal</i> , 2019, 887, 250.	1.6	18
30	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228.	4.7	20
31	HelMod in the Works: From Direct Observations to the Local Interstellar Spectrum of Cosmic-Ray Electrons. <i>Astrophysical Journal</i> , 2018, 854, 94.	1.6	40
32	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, 45.	1.6	47
33	Kinetic Isotope Effect in the Oxidation Reaction of Linoleic Acid Esters in Micelles. <i>Russian Journal of Physical Chemistry B</i> , 2018, 12, 987-991.	0.2	9
34	GALPROP cosmic-ray propagation code: recent results and updates. <i>Nuclear and Particle Physics Proceedings</i> , 2018, 297-299, 129-134.	0.2	5
35	A gamma-ray determination of the Universe's star formation history. <i>Science</i> , 2018, 362, 1031-1034.	6.0	111
36	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018, 121, 241101.	2.9	20

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37	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018, 866, 24.	1.6	21
38	Measurements of the Plasma Parameters in a Mirror Trap by Means of Laser-Induced Fluorescence. <i>Plasma Physics Reports</i> , 2018, 44, 791-798.	0.3	2
39	Current status and desired precision of the isotopic production cross sections relevant to astrophysics of cosmic rays: Li, Be, B, C, and N. <i>Physical Review C</i> , 2018, 98, .	1.1	59
40	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85.	1.6	32
41	Deciphering the Local Interstellar Spectra of Primary Cosmic-Ray Species with HelMod. <i>Astrophysical Journal</i> , 2018, 858, 61.	1.6	40
42	Galactic PeVatrons and helping to find them: Effects of galactic absorption on the observed spectra of very high energy γ -ray sources. <i>Physical Review D</i> , 2018, 98, .	1.6	12
43	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	6.0	654
44	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , Supplement Series, 2018, 237, 32.	3.0	121
45	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2018, 857, 49.	1.6	23
46	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017, 835, 219.	1.6	53
47	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.	1.6	32
48	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. <i>Astrophysical Journal</i> , 2017, 836, 208.	1.6	70
49	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5.	3.0	42
50	Solution of Heliospheric Propagation: Unveiling the Local Interstellar Spectra of Cosmic-ray Species. <i>Astrophysical Journal</i> , 2017, 840, 115.	1.6	102
51	High-energy gamma-ray studying with GAMMA-400 after Fermi-LAT. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012011.	0.3	5
52	Modifications of a method for low energy gamma-ray incident angle reconstruction in the GAMMA-400 gamma-ray telescope. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012012.	0.3	0
53	Observations of the gamma-ray emission from the Quiescent Sun with Fermi Large Area Telescope during the first 7 years in orbit. <i>EPJ Web of Conferences</i> , 2017, 136, 03007.	0.1	1
54	3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal</i> , Supplement Series, 2017, 232, 18.	3.0	227

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55	Multi-messenger Observations of a Binary Neutron Star Merger [*] . Astrophysical Journal Letters, 2017, 848, L12.	3.0	2,805
56	Fermi Observations of the LIGO Event GW170104. Astrophysical Journal Letters, 2017, 846, L5.	3.0	15
57	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. Astrophysical Journal, 2017, 846, 34.	1.6	63
58	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. Astrophysical Journal, 2017, 843, 139.	1.6	70
59	High-energy Gamma Rays from the Milky Way: Three-dimensional Spatial Models for the Cosmic-Ray and Radiation Field Densities in the Interstellar Medium. Astrophysical Journal, 2017, 846, 67.	1.6	85
60	New stage in high-energy gamma-ray studies with GAMMA-400 after Fermi-LAT. EPJ Web of Conferences, 2017, 145, 06001.	0.1	1
61	Cosmic-ray electron-positron spectrum from 7ÂGeV to 2ÂTeV with the Fermi Large Area Telescope. Physical Review D, 2017, 95, .	1.6	138
62	Kinetic isotope H/D effect in the oxidation of ethers of linoleic acid in solutions. Russian Journal of Physical Chemistry B, 2017, 11, 395-399.	0.2	5
63	New stage in high-energy gamma-ray studies with GAMMA-400 after Fermi-LAT. EPJ Web of Conferences, 2017, 145, 06001.	0.1	2
64	GALPROP Code for Galactic Cosmic Ray Propagation and Associated Photon Emissions. , 2017, , .		1
65	Interstellar gas in 3D, implications for CR propagation and gamma-ray emission.. , 2017, , .		1
66	High-energy gamma-ray studying with GAMMA-400. , 2017, , .		3
67	High-Energy Gamma-Rays from the Milky Way: Three-Dimensional Spatial Models for the Cosmic-Ray and Radiation Field Densities. , 2017, , .		0
68	The Interstellar Radiation Field of the Milky Way in Three Spatial Dimensions. , 2017, , .		0
69	Inside out: unveiling local interstellar spectra of cosmic ray species. , 2017, , .		0
70	Solar gamma rays and modulation of cosmic rays in the inner heliosphere. , 2017, , .		0
71	The Quiet Sun in Gamma Rays: Modeling of the CR Electrons in the Inner Heliosphere. , 2017, , .		0
72	New 3D models of interstellar gas and their impact on high-energy interstellar emission.. , 2017, , .		0

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73	Perspectives of the GAMMA-400 space observatory for high-energy gamma rays and cosmic rays measurements. <i>Journal of Physics: Conference Series</i> , 2016, 675, 032010.	0.3	2
74	GALACTIC COSMIC RAYS IN THE LOCAL INTERSTELLAR MEDIUM: VOYAGER 1 OBSERVATIONS AND MODEL RESULTS. <i>Astrophysical Journal</i> , 2016, 831, 18.	1.6	320
75	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8.	3.0	190
76	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L2.	3.0	45
77	Effect of microheterogeneity on the kinetics of oxidation of methyl linoleate in micelles. <i>Russian Journal of Physical Chemistry B</i> , 2016, 10, 260-262.	0.2	9
78	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	3.0	210
79	Resolving the Extragalactic γ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 151105.	2.9	130
80	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , 2016, 826, 1.	1.6	60
81	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 8.	3.0	44
82	Search for Spectral Irregularities due to Photon Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 161101.	2.9	151
83	The GAMMA-400 gamma-ray telescope for precision gamma-ray emission investigations. <i>Journal of Physics: Conference Series</i> , 2016, 675, 032009.	0.3	4
84	BAYESIAN ANALYSIS OF COSMIC RAY PROPAGATION: EVIDENCE AGAINST HOMOGENEOUS DIFFUSION. <i>Astrophysical Journal</i> , 2016, 824, 16.	1.6	121
85	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.	3.0	167
86	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
87	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016, 819, 98.	1.6	23
88	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016, 820, 72.	1.6	3
89	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 5.	3.0	219
90	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44.	1.6	301

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91	New Calculation of Secondary Antiprotons in Cosmic Rays. , 2016, , .		1
92	The extreme environment in the center of Mrk 876 and the switch on of its AGN activity. , 2016, , .		0
93	The Effects of Three Dimensional Structures on Cosmic-Ray Propagation and Interstellar Emissions. , 2016, , .		1
94	GALPROP Code for Galactic Cosmic Ray Propagation and Associated Photon Emissions. , 2016, , .		2
95	Voyager 1 Observations of Galactic Cosmic Rays in the Local Interstellar Medium: Energy Density and Ionization Rates. , 2016, , .		1
96	The FRANKIE code: a tool for calculating multi-wavelength interstellar emissions in galaxies. , 2016, , .		3
97	Multi-wavelength constraints on cosmic-ray leptons in the Galaxy. , 2016, , .		0
98	Space $\hat{\gamma}$ -observatory GAMMA-400 Current Status and Perspectives. Physics Procedia, 2015, 74, 177-182.	1.2	8
99	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. Astrophysical Journal Letters, 2015, 809, L2.	3.0	18
100	Separation of electrons and protons in the GAMMA-400 gamma-ray telescope. Advances in Space Research, 2015, 56, 1538-1545.	1.2	10
101	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. Science, 2015, 350, 801-805.	6.0	41
102	Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 008-008.	1.9	90
103	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. Astrophysical Journal, 2015, 810, 14.	1.6	475
104	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. Astrophysical Journal Letters, 2015, 813, L41.	3.0	144
105	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. Astrophysical Journal, 2015, 812, 159.	1.6	52
106	VERY HIGH ENERGY $\hat{\gamma}$ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. Astrophysical Journal Letters, 2015, 815, L23.	3.0	78
107	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211 OBSERVED BY <i>Fermi</i> LAT. Astrophysical Journal, 2015, 799, 143.	1.6	45
108	AN EXTREME GRAVITATIONALLY REDSHIFTED IRON LINE AT 4.8 KeV IN Mrk 876. Astrophysical Journal Letters, 2015, 798, L14.	3.0	7

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109	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100ÂMeV AND 820ÂGeV. <i>Astrophysical Journal</i> , 2015, 799, 86.	1.6	556
110	<i>FERMI</i> LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2015, 218, 23.	3.0	1,224
111	The GAMMA-400 experiment: Status and prospects. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 417-420.	0.1	30
112	NEW CALCULATION OF ANTIPROTON PRODUCTION BY COSMIC RAY PROTONS AND NUCLEI. <i>Astrophysical Journal</i> , 2015, 803, 54.	1.6	71
113	<i>FERMI</i>-LAT OBSERVATIONS OF HIGH- AND INTERMEDIATE-VELOCITY CLOUDS: TRACING COSMIC RAYS IN THE HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2015, 807, 161.	1.6	37
114	The GAMMA-400 gamma-ray telescope characteristics. Angular resolution and electrons/protons separation.. , 2015, , .		0
115	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	1.6	123
116	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4CÂ+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	1.6	33
117	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Observations of Earthâ€™s Limb. <i>Physical Review Letters</i> . 2014. 112. 151103.	2.9	28
118	NUCLEAR ENHANCEMENT OF THE PHOTON YIELD IN COSMIC RAY INTERACTIONS. <i>Astrophysical Journal</i> , 2014, 789, 136.	1.6	38
119	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
120	Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014, 345, 554-558.	6.0	140
121	Dark matter constraints from observations of 25 MilkyÂWay satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014, 89, .	1.6	360
122	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
123	<i>Fermi</i>LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , 2014, 784, 118.	1.6	13
124	THE SPECTRUM AND MORPHOLOGY OF THE<i>FERMI</i>BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64.	1.6	239
125	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
126	PREFACE: Cosmic ray origins: The Viktor Hess centennial anniversary. <i>Advances in Space Research</i> , 2014, 53, 1377-1378.	1.2	1

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127	The GAMMA-400 Space Experiment: Gammas, Electrons and Nuclei Measurements. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 204-209.	0.5	1
128	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. Physical Review D, 2013, 88, .	1.6	175
129	Status of the GAMMA-400 project. Advances in Space Research, 2013, 51, 297-300.	1.2	73
130	Characteristics of the GAMMA-400 gamma-ray telescope for searching for dark matter signatures. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 1339-1342.	0.1	22
131	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS. Astrophysical Journal, 2013, 773, 77.	1.6	94
132	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. Science, 2013, 339, 807-811.	6.0	591
133	Cosmic Rays in the Milky Way and Beyond. Nuclear Physics, Section B, Proceedings Supplements, 2013, 243-244, 85-91.	0.5	4
134	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE <i>FERMI</i> LARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2013, 765, 54.	1.6	66
135	ANALYTIC SOLUTION FOR SELF-REGULATED COLLECTIVE ESCAPE OF COSMIC RAYS FROM THEIR ACCELERATION SITES. Astrophysical Journal, 2013, 768, 73.	1.6	102
136	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2013, 208, 17.	3.0	693
137	ASSOCIATING LONG-TERM $\hat{\Gamma}^3$ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 $\hat{\text{A}}^{\circ}$ 303. Astrophysical Journal Letters, 2013, 773, L35.	3.0	36
138	THE FIRST <i>FERMI</i> -LAT CATALOG OF SOURCES ABOVE 10 GeV. Astrophysical Journal, Supplement Series, 2013, 209, 34.	3.0	184
139	THE <i>FERMI</i> ALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. Astrophysical Journal, 2013, 771, 57.	1.6	47
140	DISCOVERY OF GeV EMISSION FROM THE CIRCINUS GALAXY WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. Astrophysical Journal, 2013, 779, 131.	1.6	46
141	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. Astrophysical Journal, 2013, 763, 71.	1.6	75
142	Design and performance of the GAMMA-400 gamma-ray telescope for dark matter searches. , 2013, , .		24
143	Cosmic rays in the Milky Way. , 2013, , .		0
144	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. Science, 2012, 338, 1314-1317.	6.0	92

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145	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
146	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
147	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. <i>Science</i> , 2012, 338, 1190-1192.	6.0	207
148	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€“5856. <i>Science</i> , 2012, 335, 189-193.	6.0	74
149	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal</i> , Supplement Series, 2012, 203, 4.	3.0	403
150	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.	1.9	3
151	CHARACTERIZING COSMIC-RAY PROPAGATION IN MASSIVE STAR-FORMING REGIONS: THE CASE OF 30 DORADUS AND THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal</i> , 2012, 750, 126.	1.6	27
152	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164.	1.6	297
153	<i>FERMI</i> OBSERVATIONS OF $\hat{\gamma}$ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012, 758, 140.	1.6	19
154	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 756, 4.	1.6	37
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