

# 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
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 <sup>28</sup> with the GalProp <sup>HelMod</sup> 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 $\gamma$ -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, Supplement Series</i> , 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, Supplement Series</i> , 2017, 232, 18.	3.0	227

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55	Multi-messenger Observations of a Binary Neutron Star Merger <sup>*</sup> . 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 $\gamma$ -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 $\gamma$ -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 $\gamma$ -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 ANTI-PROTON 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 $\hat{A}^\circ$ 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
155	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH <i>FERMI</i>-LAT. <i>Astrophysical Journal</i> , 2012, 747, 104.	1.6	45
156	<i>FERMI</i> DETECTION OF $\hat{\gamma}$ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012, 745, 144.	1.6	60
157	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
158	The cosmic-ray and gas content of the Cygnus region as measured in <i> $\hat{\gamma}$ </i>-rays by the <i>Fermi</i> Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2012, 538, A71.	2.1	46
159	<i>FERMI</i>-LAT OBSERVATIONS OF THE DIFFUSE $\hat{\gamma}$ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012, 750, 3.	1.6	535
160	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	1.6	54
161	SEARCH FOR DARK MATTER SATELLITES USING <i>FERMI</i>-LAT. <i>Astrophysical Journal</i> , 2012, 747, 121.	1.6	130
162	Publisherâ€™s Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D85, 083007 (2012)]. <i>Physical Review D</i> , 2012, 85, .	1.6	14

#	ARTICLE	IF	CITATIONS
163	Determination of the electron density in the tokamak edge plasma from the time evolution of a laser-induced fluorescence signal from atomic helium. <i>Plasma Physics Reports</i> , 2012, 38, 574-578.	0.3	8
164	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH <i>FERMI</i> . <i>Astrophysical Journal</i> , 2012, 754, 121.	1.6	14
165	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. <i>Physical Review D</i> , 2012, 85, .	1.6	87
166	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM <i>FERMI</i> -LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012, 761, 91.	1.6	186
167	<i>FERMI</i> LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2012, 755, 22.	1.6	52
168	<i>FERMI</i> LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 31.	3.0	1,079
169	TESTING THE ORIGIN OF HIGH-ENERGY COSMIC RAYS. <i>Astrophysical Journal</i> , 2012, 752, 68.	1.6	125
170	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7 $\hat{a}$ 0.1. <i>Astrophysical Journal</i> , 2012, 744, 80.	1.6	48
171	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2012, 35, 346-353.	1.9	27
172	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, .	1.6	29
173	The 511 $\hat{A}$ keV emission from positron annihilation in the Galaxy. <i>Reviews of Modern Physics</i> , 2011, 83, 1001-1056.	16.4	197
174	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. <i>Astrophysical Journal Letters</i> , 2011, 734, L27.	3.0	34
175	DIFFUSE EMISSION MEASUREMENT WITH THE SPECTROMETER ON <i>INTEGRAL</i> AS AN INDIRECT PROBE OF COSMIC-RAY ELECTRONS AND POSITRONS. <i>Astrophysical Journal</i> , 2011, 739, 29.	1.6	71
176	RADIO AND $\hat{\gamma}$ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , 2011, 728, 77.	1.6	9
177	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7 $\hat{a}$ 3946 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 734, 28.	1.6	209
178	$\hat{\gamma}$ -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
179	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259 $\hat{a}$ 63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i> . <i>Astrophysical Journal Letters</i> , 2011, 736, L11.	3.0	130
180	<i>FERMI</i> -LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2011, 726, 35.	1.6	60

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181	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
182	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	1.6	70
183	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM <i>FERMI</i> $\hat{\gamma}$ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , 2011, 726, 81.	1.6	96
184	<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
185	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011, 729, 114.	1.6	179
186	Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. <i>Astronomy and Astrophysics</i> , 2011, 533, A110.	2.1	18
187	CONSTRAINTS ON COSMIC-RAY PROPAGATION MODELS FROM A GLOBAL BAYESIAN ANALYSIS. <i>Astrophysical Journal</i> , 2011, 729, 106.	1.6	268
188	THE FIRST <i>FERMI</i> MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , 2011, 730, 101.	1.6	52
189	<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
190	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. <i>Science</i> , 2011, 334, 1103-1107.	6.0	217
191	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
192	INSIGHTS INTO THE HIGH-ENERGY $\hat{\gamma}$ -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
193	<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
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.	2.9	465
195	Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 739-742.	6.0	297
196	Fermi Detection of a Luminous $\hat{\gamma}$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	6.0	65
197	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 743, 171.	1.6	525
198	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

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199	Observations of the Large Magellanic Cloud with <i>Fermi</i> . <i>Astronomy and Astrophysics</i> , 2010, 512, A7.	2.1	106
200	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE <i>FERMI</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 708, 1426-1441.	1.6	56
201	<i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 713, 146-153.	1.6	64
202	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
203	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
204	<i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057+5226, J1709+4429, AND J1952+3252. <i>Astrophysical Journal</i> , 2010, 720, 26-40.	1.6	24
205	<i>FERMI</i> -LAT OBSERVATIONS OF THE GEMINGA PULSAR. <i>Astrophysical Journal</i> , 2010, 720, 272-283.	1.6	57
206	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
207	SEARCH FOR GAMMA-RAY EMISSION FROM MAGNETARS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal Letters</i> , 2010, 725, L73-L78.	3.0	42
208	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT <i>FERMI</i> -DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2010, 722, 520-542.	1.6	292
209	<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
210	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010, 708, L100-L106.	3.0	66
211	OBSERVATION OF SUPERNOVA REMNANT IC443 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 712, 459-468.	1.6	203
212	<i>FERMI</i> -DETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. <i>Astrophysical Journal</i> , 2010, 712, 558-564.	1.6	54
213	DETECTION OF THE ENERGETIC PULSAR PSR B1509+58 AND ITS PULSAR WIND NEBULA IN MSH 15+52 USING THE <i>FERMI</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 714, 927-936.	1.6	72
214	<i>FERMI</i> -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.	3.0	49
215	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
216	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , 2010, 717, L71-L78.	3.0	140

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217	<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
218	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. <i>Astrophysical Journal</i> , 2010, 708, 1254-1267.	1.6	237
219	DISCOVERY OF PULSED $\hat{\nu}^3$ -RAYS FROM PSR J0034â€“0534 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND $\hat{\nu}^3$ -RAY EMISSION REGIONS. <i>Astrophysical Journal</i> , 2010, 712, 957-963.	1.6	47
220	<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
221	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 711, 64-74.	1.6	72
222	<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
223	GLOBAL COSMIC-RAY-RELATED LUMINOSITY AND ENERGY BUDGET OF THE MILKY WAY. <i>Astrophysical Journal Letters</i> , 2010, 722, L58-L63.	3.0	198
224	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 810-827.	1.6	87
225	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010, 712, 1209-1218.	1.6	33
226	<i>SUZAKU</i> 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.	1.6	23
227	<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
228	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF ETA CARINAE. <i>Astrophysical Journal</i> , 2010, 723, 649-657.	1.6	67
229	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
230	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
231	<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
232	<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
233	<i>FERMI</i> OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. <i>Astrophysical Journal Letters</i> , 2010, 717, L127-L132.	3.0	26
234	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

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235	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 720, 912-922.	1.6	148
236	<i>FERMI GAMMA-RAY SPACE TELESCOPE</i> 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
237	<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
238	A change in the optical polarization associated with a $\hat{\nu}^3$ -ray flare in the blazar 3C 454.3. <i>Nature</i> , 2010, 463, 919-923.	13.7	269
239	<i>FERMI</i> OBSERVATIONS OF THE VERY HARD GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal</i> , 2010, 708, 1310-1320.	1.6	42
240	Fermi Gamma-Ray Imaging of a Radio Galaxy. <i>Science</i> , 2010, 328, 725-729.	6.0	187
241	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
242	THE SPECTRAL ENERGY DISTRIBUTION OF <i>FERMI</i> BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70.	1.6	741
243	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. <i>Science</i> , 2010, 329, 817-821.	6.0	165
244	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
245	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2010, 188, 405-436.	3.0	851
246	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
247	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
248	<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
249	<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
250	THE DISCOVERY OF $\hat{\nu}^3$ -RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010, 715, L49-L55.	3.0	72
251	Detection of the Small Magellanic Cloud in gamma-rays with <i>Fermi</i>/LAT. <i>Astronomy and Astrophysics</i> , 2010, 523, A46.	2.1	70
252	Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2010, 82, .	1.6	64

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253	Fermi LAT observations of cosmic-ray electrons from 7ÂGeV to 1ÂTeV. <i>Physical Review D</i> , 2010, 82, .	1.6	276
254	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
255	Development of laser induced fluorescence diagnostic for measuring the parameters of plasma containing rare gas species. <i>Review of Scientific Instruments</i> , 2010, 81, 10D712.	0.6	5
256	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
257	THE PHOSPHORUS, SULFUR, ARGON, AND CALCIUM ISOTOPIC COMPOSITION OF THE GALACTIC COSMIC RAY SOURCE. <i>Astrophysical Journal</i> , 2009, 695, 666-678.	1.6	6
258	<i>FERMI</i> OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, 1310-1333.	1.6	114
259	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 700, 1059-1066.	1.6	44
260	SIMULTANEOUS OBSERVATIONS OF PKS 2155â€“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
261	DISCOVERY OF PULSED $\hat{3}$ -RAYS FROM THE YOUNG RADIO PULSAR PSR J1028â€“5819 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 695, L72-L77.	1.6	31
262	ISOTROPIC GAMMA-RAY BACKGROUND: COSMIC-RAY-INDUCED ALBEDO FROM DEBRIS IN THE SOLAR SYSTEM?. <i>Astrophysical Journal</i> , 2009, 692, L54-L57.	1.6	22
263	<i>FERMI</i> LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454â€“354. <i>Astrophysical Journal</i> , 2009, 697, 934-941.	1.6	37
264	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE</i>. <i>Astrophysical Journal</i> , 2009, 699, L102-L107.	1.6	34
265	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	1.6	120
266	PULSED GAMMA RAYS FROM THE MILLISECOND PULSAR J0030+0451 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 699, 1171-1177.	1.6	38
267	<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
268	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009, 699, 817-823.	1.6	141
269	<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
270	<i>FERMI</i> OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. <i>Astrophysical Journal</i> , 2009, 707, 580-592.	1.6	56



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271	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
272	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 46-66.	3.0	394
273	<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
274	<i>FERMI</i>LARGE AREA TELESCOPE DETECTION OF PULSED $\hat{\gamma}$ -RAYS FROM THE VELA-LIKE PULSARS PSR J1048â€“5832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , 2009, 706, 1331-1340.	1.6	41
275	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. <i>Science</i> , 2009, 323, 1688-1693.	6.0	523
276	Detection of High-Energy Gamma-Ray Emission from the Globular Cluster 47 Tucanae with Fermi. <i>Science</i> , 2009, 325, 845-848.	6.0	80
277	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 193-219.	1.9	123
278	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
279	Fermi large area telescope observations of the cosmic-ray induced<math>\hat{\gamma}</math>-ray emission of the Earthâ€™s atmosphere. <i>Physical Review D</i> , 2009, 80, .	1.6	57
280	Modulated High-Energy Gamma-Ray Emission from the Microquasar Cygnus X-3. <i>Science</i> , 2009, 326, 1512-1516.	6.0	193
281	Measurement of the Cosmic Ray<math>e</math> from 20ÂGeV to 1ÂTeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2009, 102, 181101.	2.9	74
282	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	6.0	190
283	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. <i>Science</i> , 2009, 325, 840-844.	6.0	264
284	THE LARGE AREA TELESCOPE ON THE<i>FERMI GAMMA-RAY SPACE TELESCOPE</i>MISSION. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102.	1.6	3,048
285	<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
286	<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
287	<i>FERMI</i> /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009, 706, L56-L61.	1.6	119
288	<i>FERMI</i>DISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009, 699, 31-39.	1.6	165

#	ARTICLE	IF	CITATIONS
289	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009, 707, 727-737.	1.6	81
290	<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
291	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
292	ON THE POSSIBLE ASSOCIATION OF ULTRA HIGH ENERGY COSMIC RAYS WITH NEARBY ACTIVE GALAXIES. <i>Astrophysical Journal</i> , 2009, 693, 1261-1274.	1.6	40
293	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
294	A Measurement of the Spatial Distribution of Diffuse TeV Gamma-Ray Emission from the Galactic Plane with Milagro. <i>Astrophysical Journal</i> , 2008, 688, 1078-1083.	1.6	130
295	A method to analyze the diffuse gamma-ray emission with the Fermi Large Area Telescope. , 2008, , .		5
296	A Celestial Gamma-Ray Foreground Due to the Albedo of Small Solar System Bodies and a Remote Probe of the Interstellar Cosmic-Ray Spectrum. <i>Astrophysical Journal</i> , 2008, 681, 1708-1716.	1.6	12
297	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
298	Inverse Compton Origin of the Hard X-Ray and Soft Gamma-Ray Emission from the Galactic Ridge. <i>Astrophysical Journal</i> , 2008, 682, 400-407.	1.6	191
299	Cosmic-Ray Propagation and Interactions in the Galaxy. <i>Annual Review of Nuclear and Particle Science</i> , 2007, 57, 285-327.	3.5	826
300	Very High Energy Gamma Rays from Supernova Remnants and Constraints on the Galactic Interstellar Radiation Field. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	0
301	Effects of the gas content on the Gamma-ray emission from the Galactic bulge. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	0
302	Developing the Galactic diffuse emission model for the GLAST Large Area Telescope. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	2
303	Identifying Dark Matter Burners in the Galactic center. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	2
304	Analysis methods for Milky Way dark matter halo detection. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	0
305	Discovery of TeV Gamma-Ray Emission from the Cygnus Region of the Galaxy. <i>Astrophysical Journal</i> , 2007, 658, L33-L36.	1.6	161
306	The Gamma-Ray Albedo of the Moon. <i>Astrophysical Journal</i> , 2007, 670, 1467-1472.	1.6	20

#	ARTICLE	IF	CITATIONS
307	Dark Matter Burners. <i>Astrophysical Journal</i> , 2007, 659, L29-L32.	1.6	59
308	Understanding limitations in the determination of the diffuse Galactic $\hat{\gamma}$ -ray emission. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007, 173, 44-47.	0.5	11
309	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
310	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
311	Inverse Compton Emission from Galactic Supernova Remnants: Effect of the Interstellar Radiation Field. <i>Astrophysical Journal</i> , 2006, 648, L29-L32.	1.6	137
312	Inverse Compton Scattering on Solar Photons, Heliospheric Modulation, and Neutrino Astrophysics. <i>Astrophysical Journal</i> , 2006, 652, L65-L68.	1.6	59
313	Observations of the Li, Be, and B isotopes and constraints on cosmic-ray propagation. <i>Advances in Space Research</i> , 2006, 38, 1558-1564.	1.2	45
314	Laser spectroscopy for measuring the parameters of a plasma containing helium and argon. <i>Plasma Physics Reports</i> , 2006, 32, 119-122.	0.3	7
315	Propagation model for cosmic ray species in the Galaxy. <i>Advances in Space Research</i> , 2005, 35, 162-166.	1.2	7
316	Propagation of secondary antiprotons and cosmic rays in the Galaxy. <i>Advances in Space Research</i> , 2005, 35, 156-161.	1.2	5
317	A New Determination Of The Diffuse Galactic and Extragalactic Gamma-Ray Emission. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	2
318	Diffuse $\hat{\gamma}$ -ray emission: lessons and perspectives. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	3
319	Propagation of Cosmic Rays: Nuclear Physics in Cosmic-Ray Studies. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	12
320	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
321	A New Determination of the Extragalactic Diffuse Gamma-Ray Background from EGRET Data. <i>Astrophysical Journal</i> , 2004, 613, 956-961.	1.6	266
322	Development of laser-induced fluorescence system for diagnosis of ITER divertor plasmas. <i>Plasma Devices and Operations</i> , 2004, 12, 247-258.	0.6	4
323	Laser spectroscopy measurements of the effective temperature of argon ions in the PNx-U plasma neutralizer. <i>Plasma Physics Reports</i> , 2004, 30, 432-436.	0.3	3
324	CEM2K and LAQGSM codes as event generators for space-radiation-shielding and cosmic-ray-propagation applications. <i>Advances in Space Research</i> , 2004, 34, 1288-1296.	1.2	31

#	ARTICLE	IF	CITATIONS
325	The distribution of cosmic-ray sources in the Galaxy, $\hat{\Gamma}^3$ -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
326	Diffuse Gamma Rays. <i>Astrophysics and Space Science Library</i> , 2004, , 279-310.	1.0	8
327	GLAST: Understanding the High Energy Gamma-Ray Sky. <i>Astrophysics and Space Science Library</i> , 2004, , 361-395.	1.0	15
328	Development of a collisional radiative model for interpreting the spectroscopic measurements of ArII line emission. <i>Plasma Physics Reports</i> , 2003, 29, 978-982.	0.3	4
329	Challenging Cosmic-Ray Propagation with Antiprotons: Evidence for a "Fresh" Nuclei Component?. <i>Astrophysical Journal</i> , 2003, 586, 1050-1066.	1.6	93
330	Results of Investigation on Photoluminescence Induced in Pre-Irradiated Optical Materials Under UV Radiation. <i>Plasma Devices and Operations</i> , 2002, 10, 1-8.	0.6	2
331	Secondary Antiprotons and Propagation of Cosmic Rays in the Galaxy and Heliosphere. <i>Astrophysical Journal</i> , 2002, 565, 280-296.	1.6	354
332	Mobile Lidar for Monitoring Gaseous Atmospheric Pollutants. , 2002, , 149-157.		0
333	The origin of cosmic rays and the diffuse galactic gamma-ray emission. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
334	SNR and fluctuations in the diffuse Galactic $\hat{\Gamma}^3$ -ray continuum. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
335	Antiprotons below 200MeV in the interstellar medium: perspectives for observing exotic matter signatures. <i>COSPAR Colloquia Series</i> , 2001, 11, 195-198.	0.2	1
336	Models for galactic cosmic-ray propagation. <i>Advances in Space Research</i> , 2001, 27, 717-726.	1.2	115
337	The next step in the development of a negative ion beam plasma neutralizer for ITER NBI. <i>Nuclear Fusion</i> , 2001, 41, 355-361.	1.6	17
338	Diffuse Galactic Continuum Gamma-Rays. <i>Astronomy and Astrophysics Library</i> , 2001, , 207-231.	0.2	0
339	What can GLAST say about the origin of cosmic rays in other galaxies?. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	5
340	Diffuse Galactic $\hat{\Gamma}^3$ -rays: Constraining Cosmic-Ray Origin and Propagation. , 2000, 272, 247-254.		19
341	The origin of cosmic rays: What can GLAST say?. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	1
342	Anisotropic Inverse Compton Scattering in the Galaxy. <i>Astrophysical Journal</i> , 2000, 528, 357-367.	1.6	84

#	ARTICLE	IF	CITATIONS
343	Evidence for a discrete source contribution to low-energy continuum Galactic $\hat{\beta}$ -rays. AIP Conference Proceedings, 2000, , .	0.3	1
344	Diffuse galactic continuum gamma rays. AIP Conference Proceedings, 2000, , .	0.3	2
345	Diffuse Continuum Gamma Rays from the Galaxy. Astrophysical Journal, 2000, 537, 763-784.	1.6	524
346	Positrons from particle dark-matter annihilation in the Galactic halo: Propagation Greenâ€™s functions. Physical Review D, 1999, 60, .	1.6	61
347	Propagation of Cosmicâ€™Ray Nucleons in the Galaxy. Astrophysical Journal, 1998, 509, 212-228.	1.6	811
348	Production and Propagation of Cosmicâ€™Ray Positrons and Electrons. Astrophysical Journal, 1998, 493, 694-707.	1.6	652
349	A Combined Model for the Xâ€™Ray to Gammaâ€™Ray Emission of Cygnus Xâ€™1. Astrophysical Journal, 1998, 502, 428-436.	1.6	3
350	Modelling cosmic rays and gamma rays in the Galaxy. , 1997, , .		0
351	A model for the high-energy emission of Cyg X-1. , 1997, , .		0
352	Observational constraints on annihilation sites in 1E 1740.7â€™2942 and Nova Muscae. , 1997, , .		0
353	TeV emission from close binaries. Space Science Reviews, 1995, 72, 593-627.	3.7	11
354	Gamma rays from point galactic sources. Astrophysical Journal, Supplement Series, 1994, 92, 481.	3.0	16
355	Light curves of close binaries in TeV energy region. Astrophysical Journal, Supplement Series, 1994, 92, 567.	3.0	8
356	Very high-energy neutrinos from the Sun. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, 1399-1406.	1.4	22
357	Cygnus X-3 light-curve model in the TeV energy region. Monthly Notices of the Royal Astronomical Society, 1993, 260, 681-685.	1.6	16
358	Remote sensing of artificial luminous clouds by lidars. Advances in Space Research, 1992, 12, 109-112.	1.2	2
359	The use of the laser induced fluorescence method in the study of helium-like carbon ions in a tokamak plasma. Nuclear Fusion, 1988, 28, 169-172.	1.6	1
360	Superconducting conductor for T-15 toroidal magnet. Soviet Atomic Energy, 1987, 63, 756-760.	0.1	4