

# Fabio Gargano

## List of Publications by Year in descending order

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Version: 2024-02-01

361  
papers

44,369  
citations

1229

113  
h-index

2289

206  
g-index

369  
all docs

369  
docs citations

369  
times ranked

17650  
citing authors

#	ARTICLE	IF	CITATIONS
1	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. <i>Science</i> , 2022, 376, 521-523.	6.0	14
2	Design of an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Instruments</i> , 2022, 6, 19.	0.8	6
3	Bi-coherent states as generalized eigenstates of the position and the momentum operators. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2022, 73, .	0.7	2
4	Measurement of the angular correlation between the two gamma rays emitted in the radioactive decays of a $^{60}\text{Co}$ source with two NaI(Tl) scintillators. <i>European Journal of Physics</i> , 2022, 43, 055802.	0.3	2
5	Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53.	3.0	186
6	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. <i>Astrophysical Journal</i> , 2022, 933, 204.	1.6	3
7	A light tracker based on scintillating fibers with SiPM readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1039, 167040.	0.7	5
8	A preliminary simulation study of influence of backplash on the plastic scintillator detector design in HERD experiment. <i>Radiation Detection Technology and Methods</i> , 2021, 5, 332-338.	0.4	3
9	Implications of current nuclear cross sections on secondary cosmic rays with the upcoming DRAGON2 code. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 099.	1.9	28
10	Measurement of the Cosmic Ray Helium Energy Spectrum from 70 GeV to 80 TeV with the DAMPE Space Mission. <i>Physical Review Letters</i> , 2021, 126, 201102.	2.9	66
11	Markov chain Monte Carlo analyses of the flux ratios of B, Be and Li with the DRAGON2 code. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 010.	1.9	16
12	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12.	3.0	30
13	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
14	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 13.	3.0	32
15	Observations of Forbush Decreases of Cosmic-Ray Electrons and Positrons with the Dark Matter Particle Explorer. <i>Astrophysical Journal Letters</i> , 2021, 920, L43.	3.0	9
16	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021, 921, 144.	1.6	14
17	Transition radiation measurements with a Si and a GaAs pixel sensor on a Timepix3 chip. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 958, 162037.	0.7	9
18	Particle identification capability of Plastic scintillator tiles equipped with SiPMs for the High Energy cosmic-Radiation Detection (HERD) facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 983, 164476.	0.7	6

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19	Search for dark matter signatures in the gamma-ray emission towards the Sun with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2020, 102, .	1.6	21
20	Modeling epidemics through ladder operators. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110193.	2.5	3
21	Comparison of Proton Shower Developments in the BGO Calorimeter of the Dark Matter Particle Explorer between GEANT4 and FLUKA Simulations*. <i>Chinese Physics Letters</i> , 2020, 37, 119601.	1.3	4
22	Fine structure of angular distribution of x-ray transition radiation from multilayered radiator in Geant4. <i>Journal of Instrumentation</i> , 2020, 15, C06024-C06024.	0.5	4
23	<i>Fermi</i> Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 33.	3.0	817
24	Studies of the spectral and angular distributions of transition radiation using a silicon pixel sensor on a Timepix3 chip. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 961, 163681.	0.7	6
25	Search for dark matter cosmic-ray electrons and positrons from the Sun with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2020, 101, .	1.6	16
26	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105.	1.6	204
27	New Markov-Chain Monte Carlo analyses for the evaluation of the antiproton background. <i>Journal of Physics: Conference Series</i> , 2020, 1690, 012010.	0.3	5
28	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
29	A concept of the transition radiation detector for a hadron separation in a forward direction of the LHC experiments. <i>Journal of Physics: Conference Series</i> , 2020, 1690, 012043.	0.3	1
30	A full and customizable simulation of a scintillation tile equipped with SiPMs for Plastic Scintillator Detectors in the next generation of satellite experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 982, 164479.	0.7	4
31	Registration of the transition radiation with GaAs detector: Data/MC comparison. <i>Journal of Physics: Conference Series</i> , 2020, 1690, 012041.	0.3	2
32	The High Energy cosmic-Radiation Detection facility (HERD). , 2020, , .		0
33	In-flight performance of the DAMPE silicon tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 924, 309-315.	0.7	13
34	Tridiagonality, supersymmetry and non self-adjoint Hamiltonians. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 355203.	0.7	5
35	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019, 883, 33.	1.6	9
36	DmpIRFs and DmpST: DAMPE instrument response functions and science tools for gamma-ray data analysis. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 132.	0.7	8

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37	Ion identification with the Plastic Scintillator Detector for the High Energy cosmic-Radiation Detection (HERD) experiment. , 2019, , .		0
38	Measurement of the cosmic ray proton spectrum from 40 GeV to 100 TeV with the DAMPE satellite. Science Advances, 2019, 5, eaax3793.	4.7	121
39	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366.	1.6	7
40	First measurements of the spectral and angular distribution of transition radiation using a silicon pixel sensor on a Timepix3 chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 523-526.	0.7	6
41	A charge reconstruction algorithm for DAMPE silicon microstrip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 935, 24-29.	0.7	5
42	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. Astrophysical Journal, 2019, 878, 52.	1.6	152
43	Identification of particles with Lorentz factor up to $\gamma \sim 10^4$ with Transition Radiation Detectors based on micro-strip silicon detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 1-13.	0.7	7
44	Characterization of a scintillator tile equipped with SiPMs for future cosmic-ray space experiments. Journal of Physics: Conference Series, 2019, 1390, 012119.	0.3	0
45	Development of Transition Radiation Detectors for hadron identification at TeV energy scale. Journal of Physics: Conference Series, 2019, 1390, 012126.	0.3	3
46	Measurement of the energy spectra and of the angular distribution of the Transition Radiation with a silicon strip detector. Journal of Physics: Conference Series, 2019, 1390, 012115.	0.3	0
47	Bright Gamma-Ray Flares Observed in GRB 131108A. Astrophysical Journal Letters, 2019, 886, L33.	3.0	6
48	The on-orbit calibration of DArk Matter Particle Explorer. Astroparticle Physics, 2019, 106, 18-34.	1.9	31
49	Characterization of plastic scintillator tiles equipped with SiPMs for the High Energy cosmic-Radiation Detection (HERD) experiment. , 2019, , .		0
50	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. Science Advances, 2018, 4, eaao7228.	4.7	20
51	An algorithm to resolve $\hat{\Gamma}^3$ -rays from charged cosmic rays with DAMPE. Research in Astronomy and Astrophysics, 2018, 18, 027.	0.7	17
52	Bi-squeezed states arising from pseudo-bosons. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 455204.	0.7	10
53	A gamma-ray determination of the Universe's star formation history. Science, 2018, 362, 1031-1034.	6.0	111
54	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. Physical Review Letters, 2018, 121, 241101.	2.9	20

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55	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
56	Search for features in the cosmic-ray electron and positron spectrum measured by the Fermi Large Area Telescope. <i>Physical Review D</i> , 2018, 98, .	1.6	7
57	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85.	1.6	32
58	Investigating the Nature of Late-time High-energy GRB Emission through Joint Fermi/Swift Observations. <i>Astrophysical Journal</i> , 2018, 863, 138.	1.6	16
59	Science with e-ASTROGAM. <i>Journal of High Energy Astrophysics</i> , 2018, 19, 1-106.	2.4	177
60	Internal alignment and position resolution of the silicon tracker of DAMPE determined with orbit data. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 893, 43-56.	0.7	22
61	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	6.0	654
62	Predictive distribution models of European hake in the south-central Mediterranean Sea. <i>Hydrobiologia</i> , 2018, 821, 153-172.	1.0	10
63	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
64	A selective method for optimizing ensemble docking-based experiments on an InhA Fully-Flexible receptor model. <i>BMC Bioinformatics</i> , 2018, 19, 235.	1.2	7
65	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
66	(H, $\bar{p}$ )-induced dynamics and the quantum game of life. <i>Applied Mathematical Modelling</i> , 2017, 43, 15-32.	2.2	42
67	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017, 835, 219.	1.6	53
68	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
69	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
70	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5.	3.0	42
71	Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2017, 118, 091103.	2.9	38
72	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017, 840, 43.	1.6	264

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73	3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 18.	3.0	227
74	Multi-messenger Observations of a Binary Neutron Star Merger <sup>*</sup> . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	3.0	2,805
75	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5.	3.0	15
76	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017, 846, 34.	1.6	63
77	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. <i>Astrophysical Journal</i> , 2017, 843, 139.	1.6	70
78	The DArk Matter Particle Explorer mission. <i>Astroparticle Physics</i> , 2017, 95, 6-24.	1.9	185
79	Coordinate representation for non-Hermitian position and momentum operators. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2017, 473, 20170434.	1.0	11
80	Cosmic-ray electron-positron spectrum from 7 $\hat{A}$ GeV to 2 $\hat{A}$ TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017, 95, .	1.6	138
81	Direct detection of a break in the teraelectronvolt cosmic-ray spectrum of electrons and positrons. <i>Nature</i> , 2017, 552, 63-66.	13.7	371
82	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKS $\hat{\epsilon}$ %2155 $\hat{\sim}$ 304 and PG $\hat{\epsilon}$ %1553+113. <i>Astronomy and Astrophysics</i> , 2017, 600, A89.	2.1	29
83	Regularized Euler- $\hat{\alpha}$ $\hat{\pm}$ motion of an infinite array of vortex sheets. <i>Bolletino Dell Unione Matematica Italiana</i> , 2017, 10, 113-141.	0.6	6
84	The DAMPE experiment: 2 year in orbit. <i>Journal of Physics: Conference Series</i> , 2017, 934, 012015.	0.3	0
85	Introduction to the High Energy cosmic-Radiation Detection (HERD) Facility onboard China $\hat{\text{TM}}$ s Future Space Station. , 2017, , .		5
86	The DAMPE silicon tungsten tracker. , 2017, , .		0
87	A Machine Learning classifier for photon selection with the DAMPE detector. , 2017, , .		0
88	A novel 3-D calorimeter for the High Energy cosmic-Radiation Detection (HERD) Facility onboard China $\hat{\text{TM}}$ s Future Space Station. , 2017, , .		3
89	First observations of Pulsars with the DArk Matter Particle Explorer. , 2017, , .		0
90	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8.	3.0	190

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91	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 26.	3.0	313
92	FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L2.	3.0	45
93	FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016, 822, 68.	1.6	5
94	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	3.0	210
95	Deep view of the Large Magellanic Cloud with six years of <i>Fermi</i> -LAT observations. <i>Astronomy and Astrophysics</i> , 2016, 586, A71.	2.1	64
96	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
97	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
98	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
99	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2016, 93, 082001.	1.6	20
100	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
101	PANGU: a wide field gamma-ray imager and polarimeter. <i>Proceedings of SPIE</i> , 2016, , .	0.8	7
102	Complex singularities in KdV solutions. <i>Ricerche Di Matematica</i> , 2016, 65, 479-490.	0.6	5
103	The DAMPE silicon-tungsten tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 831, 378-384.	0.7	58
104	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
105	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
106	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016, 819, 98.	1.6	23
107	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016, 820, 72.	1.6	3
108	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 5.	3.0	219

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109	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY $\gamma$ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44.	1.6	301
110	Experimental verification of the HERD prototype at CERN SPS. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
111	The test results of the Silicon Tungsten Tracker of DAMPE. , 2016, , .		1
112	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. <i>Physical Review D</i> , 2015, 91, .	1.6	220
113	Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2015, 115, 231301.	2.9	881
114	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH <i>FERMI</i> -LAT DATA. <i>Astrophysical Journal Letters</i> , 2015, 809, L4.	3.0	131
115	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015, 809, L2.	3.0	18
116	A reconfigurable optical metro-access network and an innovative ROADM for efficient dynamical bandwidth allocation. , 2015, , .		4
117	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015, 350, 801-805.	6.0	41
118	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
119	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
120	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
121	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 812, 159.	1.6	52
122	VERY HIGH ENERGY $\gamma$ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. <i>Astrophysical Journal Letters</i> , 2015, 815, L23.	3.0	78
123	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211 OBSERVED BY <i>Fermi</i> -LAT. <i>Astrophysical Journal</i> , 2015, 799, 143.	1.6	45
124	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015, 799, 86.	1.6	556
125	$\mathcal{D}$ -Deformed Harmonic Oscillators. <i>International Journal of Theoretical Physics</i> , 2015, 54, 4110-4123.	0.5	12
126	<i>FERMI</i> -LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2015, 218, 23.	3.0	1,224

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127	A TWDM-PON with Advanced Modulation Techniques and a Multi-Pump Raman Amplifier for Cost-Effective Migration to Future UDWDM-PONs. <i>Journal of Lightwave Technology</i> , 2015, , 1-1.	2.7	6
128	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE <i>FERMI</i> -LAT. <i>Astrophysical Journal</i> , 2015, 807, 169.	1.6	26
129	The Cherenkov Telescope Array potential for the study of young supernova remnants. <i>Astroparticle Physics</i> , 2015, 62, 152-164.	1.9	7
130	Passive Optical Access Networks: State of the Art and Future Evolution. <i>Photonics</i> , 2014, 1, 323-346.	0.9	40
131	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	1.6	123
132	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	1.6	33
133	The high energy cosmic-radiation detection (HERD) facility onboard China's Space Station. <i>Proceedings of SPIE</i> , 2014, , .	0.8	41
134	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope $\gamma$ -Ray Observations of Earth's Limb. <i>Physical Review Letters</i> , 2014, 112, 151103.	2.9	28
135	Model pseudofermionic systems: Connections with exceptional points. <i>Physical Review A</i> , 2014, 89, .	1.0	21
136	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
137	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	3.0	38
138	Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014, 345, 554-558.	6.0	140
139	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
140	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
141	<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
142	THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> -BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64.	1.6	239
143	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
144	The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks. <i>Science</i> , 2014, 343, 51-54.	6.0	55

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145	Study of the blazar AO 0235+164 during the multi-wavelength observation period from October 2008 to February 2009. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 270-273.	0.5	2
146	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. Physical Review D, 2013, 88, .	1.6	175
147	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\hat{1}^3$ -RAY PULSAR SEEN BY THE <i>Fermi</i> LAT. Astrophysical Journal Letters, 2013, 777, L2.	3.0	62
148	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
149	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. Science, 2013, 339, 807-811.	6.0	591
150	Study of H-8500 MaPMT for the FDIRC detector at SuperB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 563-565.	0.7	0
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