

FERMI LARGE AREA TELESCOPE OBSERVATION

Astrophysical Journal

708, 1254-1267

DOI: 10.1088/0004-637x/708/2/1254

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pulsar Timing with the Parkes Radio Telescope for the <i>Fermi</i> Mission. Publications of the Astronomical Society of Australia, 2010, 27, 64-75.	1.3	64
2	THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2010, 187, 460-494.	3.0	396
3	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057+5226, J1709+4429, AND J1952+3252. Astrophysical Journal, 2010, 720, 26-40.	1.6	24
4	<i>FERMI</i> -LAT OBSERVATIONS OF THE GEMINGA PULSAR. Astrophysical Journal, 2010, 720, 272-283.	1.6	57
5	Hard X-ray timing and spectral characteristics of the energetic pulsar PSR J0205+6449 in supernova remnant 3C 58. Astronomy and Astrophysics, 2010, 515, A34.	2.1	10
6	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. Astrophysical Journal, 2010, 714, 927-936.	1.6	72
7	DISCOVERY OF PULSED $\hat{\gamma}$ -RAYS FROM PSR J0034+0534 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND $\hat{\gamma}$ -RAY EMISSION REGIONS. Astrophysical Journal, 2010, 712, 957-963.	1.6	47
8	A MODEL OF THE SPECTRAL EVOLUTION OF PULSAR WIND NEBULAE. Astrophysical Journal, 2010, 715, 1248-1257.	1.6	106
9	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. Astrophysical Journal, 2010, 712, 1209-1218.	1.6	33
10	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF ETA CARINAE. Astrophysical Journal, 2010, 723, 649-657.	1.6	67
11	RADIO/GAMMA-RAY TIME DELAY IN THE PARSEC-SCALE CORES OF ACTIVE GALACTIC NUCLEI. Astrophysical Journal Letters, 2010, 722, L7-L11.	3.0	95
12	A high-sigma model of pulsar wind nebulae. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	17
13	Low bounds for pulsar $\hat{\gamma}$ -ray radiation altitudes. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	5
14	Pair cascades in the magnetospheres of strongly magnetized neutron stars. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	34
15	The annular gap model for $\hat{\gamma}$ -ray emission from young and millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2671-2677.	1.6	32
16	ENERGY-DEPENDENT LIGHT CURVES AND PHASE-RESOLVED SPECTRA OF HIGH-ENERGY GAMMA-RAYS FROM THE CRAB PULSAR. Astrophysical Journal, 2010, 725, 2225-2231.	1.6	9
17	Multiband Non-Thermal Radiation from the Crab Nebula and the Pulsar Wind Nebula in MSH 15+52. Chinese Physics Letters, 2010, 27, 089701.	1.3	0
18	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2010, 188, 405-436.	3.0	851

#	ARTICLE	IF	CITATIONS
19	Discovery of Powerful Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 736-739.	6.0	290
20	On the origin of variable gamma-ray emission from the Crab nebula. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2017-2028.	1.6	74
21	No evidence for gamma-ray halos around active galactic nuclei resulting from intergalactic magnetic fields. <i>Astronomy and Astrophysics</i> , 2011, 526, A90.	2.1	41
22	WHEN A STANDARD CANDLE FLICKERS. <i>Astrophysical Journal Letters</i> , 2011, 727, L40.	3.0	117
23	<i>CHANDRA</i> PHASE-RESOLVED X-RAY SPECTROSCOPY OF THE CRAB PULSAR. <i>Astrophysical Journal</i> , 2011, 743, 139.	1.6	33
24	Cosmic-Ray accelerators in Milky Way studied with the Fermi Gamma-ray Space Telescope. <i>Journal of Physics: Conference Series</i> , 2011, 302, 012059.	0.3	0
25	RADIO AND $\hat{\beta}$ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , 2011, 728, 77.	1.6	9
26	<i>FERMI</i>-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2011, 726, 35.	1.6	60
27	<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
28	Twelve-hour spikes from the Crab Pevatron. <i>Astronomy and Astrophysics</i> , 2011, 527, L4.	2.1	38
29	PULSAR OUTER-GAP ELECTRODYNAMICS: HARDENING OF SPECTRAL SHAPE IN THE TRAILING PEAK IN THE GAMMA-RAY LIGHT CURVE. <i>Astrophysical Journal Letters</i> , 2011, 733, L49.	3.0	13
30	HESS J1943+213: a candidate extreme BL Lacertae object. <i>Astronomy and Astrophysics</i> , 2011, 529, A49.	2.1	31
31	CORRELATION OF <i>FERMI</i> PHOTONS WITH HIGH-FREQUENCY RADIO GIANT PULSES FROM THE CRAB PULSAR. <i>Astrophysical Journal</i> , 2011, 728, 110.	1.6	19
32	RECONNECTION-POWERED LINEAR ACCELERATOR AND GAMMA-RAY FLARES IN THE CRAB NEBULA. <i>Astrophysical Journal Letters</i> , 2011, 737, L40.	3.0	134
33	A STATISTICAL MODEL FOR THE $\hat{\beta}$ -RAY VARIABILITY OF THE CRAB NEBULA. <i>Astrophysical Journal Letters</i> , 2011, 730, L15.	3.0	27
34	Modelling spectral evolution of pulsar wind nebulae inside supernova remnants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 381-398.	1.6	185
35	A unified polar cap/striped wind model for pulsed radio and gamma-ray emission in pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 1870-1880.	1.6	49
36	Polarization observations of 20 millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2087-2100.	1.6	69

#	ARTICLE	IF	CITATIONS
37	On the variability of the GeV and multi-TeV gamma-ray emission from the Crab nebula. Monthly Notices of the Royal Astronomical Society, 2011, 414, 2229-2234.	1.6	43
38	Explaining the cosmic-ray $e^+/(e^++e^-)$ and ratios using a steady-state injection model. Astroparticle Physics, 2011, 35, 211-222.	1.9	4
39	Pulsar Wind Nebulae: The GeV to TeV Connection. Thirty Years of Astronomical Discovery With UKIRT, 2011, , 413-429.	0.3	0
40	Supernova remnants: The Crab Nebula, Cassiopeia A, and Tycho as sources of cosmic rays in our galaxy. Astronomy Letters, 2011, 37, 621-634.	0.1	26
41	Spectral analysis of the Crab Pulsar and Nebula with the Fermi Large Area Telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 136-139.	0.7	2
42	Fermi Gamma-ray Space Telescope: Highlights of the GeV Sky. Nuclear Physics, Section B, Proceedings Supplements, 2011, 217, 249-254.	0.5	0
43	OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I TELESCOPE. Astrophysical Journal, 2011, 742, 43.	1.6	69
44	Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 739-742.	6.0	297
45	Detection of Pulsed Gamma Rays Above 100 GeV from the Crab Pulsar. Science, 2011, 334, 69-72.	6.0	161
46	Fermi Detection of a Luminous $\hat{\gamma}$ -Ray Pulsar in a Globular Cluster. Science, 2011, 334, 1107-1110.	6.0	65
47	Pulse profile stability of the Crab pulsar. Research in Astronomy and Astrophysics, 2011, 11, 1134-1142.	0.7	6
48	Balloon-borne hard X-ray polarimetry with PoGOLite. , 2012, , .		9
49	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. Astrophysical Journal, Supplement Series, 2012, 203, 4.	3.0	403
50	THE RELATIVISTIC WIND IN PWNe. International Journal of Modern Physics Conference Series, 2012, 08, 120-131.	0.7	1
51	Discovery of hard-spectrum $\hat{\gamma}$ -ray emission from the BL Lacertae object 1ES 0414+009. Astronomy and Astrophysics, 2012, 538, A103.	2.1	45
52	PSR J1838-0537: DISCOVERY OF A YOUNG, ENERGETIC GAMMA-RAY PULSAR. Astrophysical Journal Letters, 2012, 755, L20.	3.0	39
53	SEARCH FOR A CORRELATION BETWEEN VERY-HIGH-ENERGY GAMMA RAYS AND GIANT RADIO PULSES IN THE CRAB PULSAR. Astrophysical Journal, 2012, 760, 136.	1.6	14
54	A GIANT SAMPLE OF GIANT PULSES FROM THE CRAB PULSAR. Astrophysical Journal, 2012, 760, 64.	1.6	56

#	ARTICLE	IF	CITATIONS
55	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATION OF SUPERNOVA REMNANT S147. <i>Astrophysical Journal</i> , 2012, 752, 135.	1.6	32
56	THE VERY HIGH ENERGY EMISSION FROM PULSARS: A CASE FOR INVERSE COMPTON SCATTERING. <i>Astrophysical Journal</i> , 2012, 754, 33.	1.6	50
57	Experimental Gamma-Ray Astronomy. <i>Journal of Physics: Conference Series</i> , 2012, 375, 052020.	0.3	3
58	Phase-resolved Crab pulsar measurements from 25 to 400 GeV with the MAGIC telescopes. <i>Journal of Physics: Conference Series</i> , 2012, 375, 052022.	0.3	0
59	First Detection of a Pulsar above 100 GeV. <i>Journal of Physics: Conference Series</i> , 2012, 375, 052023.	0.3	0
60	PULSED GAMMA RAYS FROM THE ORIGINAL MILLISECOND AND BLACK WIDOW PULSARS: A CASE FOR CAUSTIC RADIO EMISSION?. <i>Astrophysical Journal</i> , 2012, 744, 33.	1.6	65
61	Crab nebula gamma-ray flares as relativistic reconnection minijets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1374-1384.	1.6	60
62	TeV gamma-ray astronomy: A summary. <i>Astroparticle Physics</i> , 2012, 39-40, 61-75.	1.9	33
63	Time-dependent modelling of pulsar wind nebulae: study on the impact of the diffusion-loss approximations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 415-427.	1.6	91
64	<i>FERMI</i> LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 31.	3.0	1,079
65	Reaching the lowest energy threshold of ground-based Cherenkov telescopes with MAGIC's stereo: A goal achieved. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 692, 201-207.	0.7	3
66	Abrupt acceleration of a "cold" ultrarelativistic wind from the Crab pulsar. <i>Nature</i> , 2012, 482, 507-509.	13.7	101
67	Phase-resolved energy spectra of the Crab pulsar in the range of 50-400 GeV measured with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 540, A69.	2.1	84
68	THE $\hat{\gamma}$ -RAY SPECTRUM OF GEMINGA AND THE INVERSE COMPTON MODEL OF PULSAR HIGH-ENERGY EMISSION. <i>Astrophysical Journal</i> , 2012, 757, 88.	1.6	10
69	Crab giant pulses at low frequencies. <i>Astronomy and Astrophysics</i> , 2012, 538, A7.	2.1	26
70	RADIO-TO-TeV PHASE-RESOLVED EMISSION FROM THE CRAB PULSAR: THE ANNULAR GAP MODEL. <i>Astrophysical Journal</i> , 2012, 748, 84.	1.6	48
71	EXTREME PARTICLE ACCELERATION IN MAGNETIC RECONNECTION LAYERS: APPLICATION TO THE GAMMA-RAY FLARES IN THE CRAB NEBULA. <i>Astrophysical Journal</i> , 2012, 746, 148.	1.6	136
72	GAMMA-RAY ACTIVITY IN THE CRAB NEBULA: THE EXCEPTIONAL FLARE OF 2011 APRIL. <i>Astrophysical Journal</i> , 2012, 749, 26.	1.6	159

#	ARTICLE	IF	CITATIONS
73	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7â€“0.1. <i>Astrophysical Journal</i> , 2012, 744, 80.	1.6	48
74	The relative and absolute timing accuracy of the EPIC-pn camera on <i>XMM-Newton</i>, from X-ray pulsations of the Crab and other pulsars. <i>Astronomy and Astrophysics</i> , 2012, 545, A126.	2.1	20
75	Recent glitches detected in the Crab pulsar. <i>Astrophysics and Space Science</i> , 2012, 340, 307-315.	0.5	25
76	On the origin of sub-TeV gamma-ray pulsed emission from rotating neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2079-2085.	1.6	15
77	Gamma-ray flare and absorption in the Crab nebula: lovely TeV-PeV astrophysics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2249-2254.	1.6	18
78	TeV astronomy. <i>Frontiers of Physics</i> , 2013, 8, 714-747.	2.4	36
79	VERITAS Galactic Observations. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 51-54.	0.5	1
80	Quantum Limit of Heat Flow Across a Single Electronic Channel. <i>Science</i> , 2013, 342, 601-604.	6.0	220
81	Evolution of the Magnetic Field Structure of the Crab Pulsar. <i>Science</i> , 2013, 342, 598-601.	6.0	101
82	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 77.	1.6	94
83	Overview of galactic results obtained by MAGIC. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 55-60.	0.5	1
84	Super-Acceleration in the Flaring Crab Nebula. Nuclear Physics, Section B, Proceedings Supplements, 2013, 243-244, 131-140.	0.5	7
85	Evolution of ground-based gamma-ray astronomy from the early days to the Cherenkov Telescope Arrays. <i>Astroparticle Physics</i> , 2013, 43, 19-43.	1.9	50
86	High energy $\hat{\gamma}$ -ray emission from compact galactic sources in the context of observations with the next generation Cherenkov Telescope Arrays. <i>Astroparticle Physics</i> , 2013, 43, 81-102.	1.9	11
87	Prospects for observations of pulsars and pulsar wind nebulae with CTA. <i>Astroparticle Physics</i> , 2013, 43, 287-300.	1.9	32
88	Inverse Compton model of pulsar high-energy emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 2580-2589.	1.6	23
89	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , Supplement Series, 2013, 208, 17.	3.0	693
90	THE FIRST <i>FERMI</i> -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 34.	3.0	184

#	ARTICLE	IF	CITATIONS
91	Generation of Cosmic rays in Historical Supernova Remnants. EPJ Web of Conferences, 2013, 52, 10004.	0.1	0
92	On the burst activity of the Crab Nebula and pulsar at high and ultra-high energies. Journal of Physics: Conference Series, 2013, 409, 012114.	0.3	1
93	<i>CHANDRA</i>, KECK, AND VLA OBSERVATIONS OF THE CRAB NEBULA DURING THE 2011-APRIL GAMMA-RAY FLARE. Astrophysical Journal, 2013, 765, 56.	1.6	40
94	Detection of bridge emission above 50 GeV from the Crab pulsar with the MAGIC telescopes. Astronomy and Astrophysics, 2014, 565, L12.	2.1	30
95	Subexponential decay in Fermi-LAT pulsar spectra: The case for tachyonic Cherenkov radiation. Europhysics Letters, 2014, 106, 39001.	0.7	7
96	Inverse Compton origin of pulsar $\hat{\gamma}$ emission and the reconnection model of Crab Nebula flares. Astronomische Nachrichten, 2014, 335, 227-233.	0.6	2
97	CONSTRAINTS ON THE EMISSION GEOMETRIES AND SPIN EVOLUTION OF GAMMA-RAY MILLISECOND PULSARS. Astrophysical Journal, Supplement Series, 2014, 213, 6.	3.0	72
98	Does a strong particle accelerator arise very close to the light cylinder in a pulsar magnetosphere?. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 442, L43-L45.	1.2	6
99	THE LIKELY<i>FERMI</i>DETECTION OF THE SUPERNOVA REMNANT RCW 103. Astrophysical Journal, 2014, 781, 64.	1.6	16
100	PHYSICAL CONDITIONS IN THE RECONNECTION LAYER IN PULSAR MAGNETOSPHERES. Astrophysical Journal, 2014, 780, 3.	1.6	82
101	Simulation on gamma ray astronomy research with LHAASO-KM2A. Astroparticle Physics, 2014, 54, 86-92.	1.9	56
102	Gamma-Ray Pulsar Revolution. Annual Review of Astronomy and Astrophysics, 2014, 52, 211-250.	8.1	73
103	The surprising Crab pulsar and its nebula: a review. Reports on Progress in Physics, 2014, 77, 066901.	8.1	163
104	Tachyonic quantum densities of relativistic electron plasmas: Cherenkov spectra of $\hat{\gamma}$ -ray pulsars. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2337-2344.	0.9	6
105	H.E.S.S. observations of the Crab during its March 2013 GeV gamma-ray flare. Astronomy and Astrophysics, 2014, 562, L4.	2.1	43
106	TWO RADIO-EMISSION MECHANISMS IN PSR J0901â€“4624. Astrophysical Journal Letters, 2015, 804, L18.	3.0	5
107	Tachyonic Cherenkov radiation from supernova remnants. Journal of High Energy Astrophysics, 2015, 8, 10-20.	2.4	6
108	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2015, 580, A13.	2.1	37

#	ARTICLE	IF	CITATIONS
109	Thermal synchrotron radiation from RRMHD simulations of the double tearing mode reconnection application to the Crab flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2972-2980.	1.6	7
110	Aqueye+: a new ultrafast single photon counter for optical high time resolution astrophysics. <i>Proceedings of SPIE</i> , 2015, . . .	0.8	10
111	SEARCH FOR GAMMA RAYS ABOVE 100 TeV FROM THE CRAB NEBULA WITH THE TIBET AIR SHOWER ARRAY AND THE 100 m ² MUON DETECTOR. <i>Astrophysical Journal</i> , 2015, 813, 98.	1.6	18
112	<i>FERMI</i> LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 23.	3.0	1,224
113	Pulsar-Wind Nebulae. <i>Space Science Reviews</i> , 2015, 191, 391-439.	3.7	69
114	Very high energy emission as a probe of relativistic magnetic reconnection in pulsar winds. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 449, L51-L55.	1.2	33
115	Modelling of the $\hat{\nu}^3$ -ray pulsed spectra of Geminga, Crab, and Vela with synchro-curvature radiation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3755-3765.	1.6	20
116	THE CRAB PULSAR AT CENTIMETER WAVELENGTHS. I. ENSEMBLE CHARACTERISTICS. <i>Astrophysical Journal</i> , 2015, 802, 130.	1.6	67
117	The soft $\hat{\nu}^3$ -ray pulsar population: a high-energy overview. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3827-3866.	1.6	64
118	Introduction to high-energy gamma-ray astronomy. <i>Comptes Rendus Physique</i> , 2015, 16, 587-599.	0.3	19
119	Revisiting the non-thermal radiation from the Crab nebula: requiring two distinct electron components. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3145-3150.	1.6	13
120	Measurement of the Crab Nebula spectrum over three decades in energy with the MAGIC telescopes. <i>Journal of High Energy Astrophysics</i> , 2015, 5-6, 30-38.	2.4	65
121	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. <i>Astronomy and Astrophysics</i> , 2016, 585, A133.	2.1	82
122	Search for VHE gamma-ray emission from Geminga pulsar and nebula with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016, 591, A138.	2.1	20
123	sopie: an r package for the non-parametric estimation of the off-pulse interval of a pulsar light curve. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 627-640.	1.6	2
124	THE CRAB PULSAR AT CENTIMETER WAVELENGTHS. II. SINGLE PULSES. <i>Astrophysical Journal</i> , 2016, 833, 47.	1.6	75
125	Radio emission physics in the Crab pulsar. <i>Journal of Plasma Physics</i> , 2016, 82, .	0.7	58
126	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8.	3.0	190

#	ARTICLE	IF	CITATIONS
127	Constraining the production of cosmic rays by pulsars. <i>Physical Review D</i> , 2016, 94, .	1.6	2
128	Polarized synchrotron emission from the equatorial current sheet in gamma-ray pulsars. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 463, L89-L93.	1.2	27
129	Observations of three young $\hat{\gamma}$ -ray pulsars with the Gran Telescopio Canarias. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 4317-4328.	1.6	14
130	First year results of the High Altitude Water Cherenkov observatory. <i>Journal of Physics: Conference Series</i> , 2016, 761, 012034.	0.3	4
131	The Cherenkov Telescope array on-site integral sensitivity: observing the Crab. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
132	Simulated gamma-ray pulse profile of the Crab pulsar with the Cherenkov Telescope Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3783-3791.	1.6	2
133	Observation of polarized hard X-ray emission from the Crab by the <i>PoGO</i> Lite Pathfinder. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 456, L84-L88.	1.2	23
134	Probing gamma-ray emissions of <i>Fermi</i> -LAT pulsars with a non-stationary outer gap model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4249-4266.	1.6	25
135	<i>Suzaku</i> analysis of the supernova remnant G306.3 $\hat{\sim}$ 0.9 and the gamma-ray view of its neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3434-3441.	1.6	7
136	X-RAY/GeV EMISSIONS FROM CRAB-LIKE PULSARS IN THE LMC. <i>Astrophysical Journal</i> , 2017, 834, 4.	1.6	10
137	Broadband Photon Spectrum and its Radial Profile of Pulsar Wind Nebulae. <i>Astrophysical Journal</i> , 2017, 838, 142.	1.6	14
138	On the Radio-emitting Particles of the Crab Nebula: Stochastic Acceleration Model. <i>Astrophysical Journal</i> , 2017, 841, 78.	1.6	21
139	Test of Weak Equivalence Principle with the Multi-band Timing of the Crab Pulsar. <i>Astrophysical Journal</i> , 2017, 837, 134.	1.6	16
140	Observation of the black widow B1957+20 millisecond pulsar binary system with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4608-4617.	1.6	4
141	Pulsed VHE emission from the Crab Pulsar in the context of magnetocentrifugal particle acceleration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1347-1352.	1.6	14
142	Phase Evolution of the Crab Pulsar between Radio and X-Ray. <i>Astrophysical Journal</i> , 2017, 845, 119.	1.6	4
143	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 9.	3.0	25
144	Supernova 1987A. <i>Astronomy and Astrophysics Library</i> , 2017, , 219-243.	0.2	0

#	ARTICLE	IF	CITATIONS
145	Type IIa Supernovae. Astronomy and Astrophysics Library, 2017, , 281-318.	0.2	0
146	Prospects for the detection of high-energy ($E > 25$ GeV) Fermi pulsars with the Cherenkov Telescope Array. Monthly Notices of the Royal Astronomical Society, 2017, 471, 431-446.	1.6	4
147	HESS J1427-608: AN UNUSUAL HARD, UNBROKEN γ -RAY SPECTRUM IN A VERY WIDE ENERGY RANGE. Astrophysical Journal, 2017, 835, 42.	1.6	7
148	Cherenkov gamma-ray telescopes: Past, present, future. The ALEGRO project. Technical Physics, 2017, 62, 819-836.	0.2	10
149	Gamma Ray Pulsars: From Radio to Gamma Rays. , 2017, , 1471-1498.		0
150	Modelling energy-dependent pulsar light curves. Proceedings of the International Astronomical Union, 2017, 13, 120-123.	0.0	1
151	Spectral Flattening at Low Frequencies in Crab Giant Pulses. Astrophysical Journal, 2017, 851, 20.	1.6	26
152	On the Radio Emitting Particles of the Crab Nebula: Stochastic Acceleration Model. Proceedings of the International Astronomical Union, 2017, 13, 259-262.	0.0	0
153	Modeling radio circular polarization in the Crab nebula. Monthly Notices of the Royal Astronomical Society, 2018, 475, 822-826.	1.6	3
154	Relativistic turbulence with strong synchrotron and synchrotron self-Compton cooling. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2849-2857.	1.6	12
155	Probes of Multimessenger Astrophysics. Astronomy and Astrophysics Library, 2018, , .	0.2	10
156	First ground-based measurement of sub-20 GeV to 100 GeV γ -Rays from the Vela pulsar with H.E.S.S. II. Astronomy and Astrophysics, 2018, 620, A66.	2.1	32
157	Studying the Milky Way pulsar population with cosmic-ray leptons. Physical Review D, 2018, 98, .	1.6	31
158	Characteristics and Performance of the CALorimetric Electron Telescope (CALET) Calorimeter for Gamma-Ray Observations. Astrophysical Journal, Supplement Series, 2018, 238, 5.	3.0	16
159	HESS J1640-465: A Gamma-Ray Emitting Pulsar Wind Nebula?. Astrophysical Journal, 2018, 867, 55.	1.6	13
160	Time Evolution of the X-Ray and γ -Ray Fluxes of the Crab Pulsar. Astrophysical Journal, 2018, 865, 21.	1.6	12
161	Design of the LHAASO detectors. Radiation Detection Technology and Methods, 2018, 2, 1.	0.4	61
163	Analysis of MAGIC's Data Set of the Crab Pulsar. Springer Theses, 2019, , 99-123.	0.0	0

#	ARTICLE	IF	CITATIONS
164	Interpreting Crab Nebula's synchrotron spectrum: two acceleration mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2403-2416.	1.6	27
165	Observational diversity of magnetized neutron stars. <i>Reports on Progress in Physics</i> , 2019, 82, 106901.	8.1	50
166	Ten years of AGILE: the mission and scientific highlights. <i>Rendiconti Lincei</i> , 2019, 30, 13-50.	1.0	6
167	Pulsar Radio Emission Mechanism: Radio Nanoshots as a Low-frequency Afterglow of Relativistic Magnetic Reconnection. <i>Astrophysical Journal Letters</i> , 2019, 876, L6.	3.0	60
168	Pulsar giant pulse: Coherent instability near light cylinder. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	7
169	Phase-resolved gamma-ray spectroscopy of the Crab pulsar observed by POLAR. <i>Journal of High Energy Astrophysics</i> , 2019, 24, 15-22.	2.4	4
170	Science with the Murchison Widefield Array: Phase I results and Phase II opportunities. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	1.3	29
171	Resolving the Crab pulsar wind nebula at teraelectronvolt energies. <i>Nature Astronomy</i> , 2020, 4, 167-173.	4.2	25
172	MAGIC very large zenith angle observations of the Crab Nebula up to 100 TeV. <i>Astronomy and Astrophysics</i> , 2020, 635, A158.	2.1	31
173	Statistics of VHE γ -rays in temporal association with radio giant pulses from the Crab pulsar. <i>Astronomy and Astrophysics</i> , 2020, 634, A25.	2.1	4
174	Turbulent Model of Crab Nebula Radiation. <i>Astrophysical Journal</i> , 2020, 896, 147.	1.6	9
175	Discovery of Delayed Spin-up Behavior Following Two Large Glitches in the Crab Pulsar, and the Statistics of Such Processes. <i>Astrophysical Journal</i> , 2020, 896, 55.	1.6	10
176	Prospects for the characterization of the VHE emission from the Crab nebula and pulsar with the Cherenkov Telescope Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 708-718.	1.6	4
177	A NICER View of Spectral and Profile Evolution for Three X-Ray-emitting Millisecond Pulsars. <i>Astrophysical Journal</i> , 2020, 892, 150.	1.6	4
178	A Systematic Study of Gamma-Ray Flares from the Crab Nebula with Fermi-LAT. I. Flare Detection. <i>Astrophysical Journal</i> , 2021, 908, 65.	1.6	5
179	Are pulsar giant pulses induced by re-emission of cyclotron resonance absorption?. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 029.	0.7	2
180	Search for continuous gravitational waves from ten H.E.S.S. sources using a hidden Markov model. <i>Physical Review D</i> , 2021, 103, .	1.6	11
181	Phase-resolved spectrum of the Crab pulsar from NICER. <i>Astronomy and Astrophysics</i> , 2021, 649, A140.	2.1	4

#	ARTICLE	IF	CITATIONS
182	AstroSat-CZTI as a hard X-ray pulsar monitor. <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	0.4	3
183	QED treatment of linear elastic waves in asymmetric environments. <i>Waves in Random and Complex Media</i> , 0, , 1-15.	1.6	0
184	Investigating the Nature of MGRO J1908+06 with Multiwavelength Observations. <i>Astrophysical Journal Letters</i> , 2021, 913, L33.	3.0	16
185	Resolving the Emission Regions of the Crab Pulsar's Giant Pulses. <i>Astrophysical Journal</i> , 2021, 915, 65.	1.6	13
186	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12.	3.0	30
187	Multiband nonthermal radiative model of pulsar wind nebulae: Study of the effects of advection and diffusion. <i>Astronomy and Astrophysics</i> , 2021, 655, A41.	2.1	6
188	Probing Quantum Gravity with Imaging Atmospheric Cherenkov Telescopes. <i>Universe</i> , 2021, 7, 345.	0.9	11
189	Crab Observational Status: Nebulae, Pulsations, and Flares. <i>Astrophysics and Space Science Library</i> , 2017, , 101-133.	1.0	2
190	Pulsar Striped Winds. <i>Astrophysics and Space Science Library</i> , 2017, , 135-159.	1.0	5
191	Gamma-rays from millisecond pulsars in Globular Clusters. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011, , 185-205.	0.3	2
192	MHD models of Pulsar Wind Nebulae. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011, , 473-490.	0.3	7
193	Gamma Rays at Very High Energies. <i>Saas-Fee Advanced Course</i> , 2013, , 1-120.	1.1	3
194	Repeating fast radio bursts caused by small bodies orbiting a pulsar or a magnetar. <i>Astronomy and Astrophysics</i> , 2020, 644, A145.	2.1	12
195	Inferring the origins of the pulsed γ -ray emission from the Crab pulsar with ten-year Fermi-LAT data. <i>Astronomy and Astrophysics</i> , 2020, 640, A43.	2.1	5
196	High-energy photon polarimeter for astrophysics. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2018, 4, 1.	1.0	9
197	In-orbit calibration status of the Insight-HXMT. , 2018, , .		9
198	Detection of Small Flares from the Crab Nebula with Fermi-LAT. <i>Astrophysical Journal</i> , 2020, 897, 33.	1.6	11
199	Pulsar Polar Cap and Slot Cap Models: Confronting Fermi Data. <i>Journal of Astronomy and Space Sciences</i> , 2013, 30, 145-152.	0.3	9

#	ARTICLE	IF	CITATIONS
200	Highlights of GeV gamma-ray astronomy. <i>Astrophysics and Space Sciences Transactions</i> , 2010, 6, 59-64.	1.0	2
201	Fermi " Galactic Sources. , 2010, , .		0
202	Fermi-LAT Results on Pulsar Wind Nebulae after 1.5 year of Observations. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011, , 399-411.	0.3	0
203	Fermi view of the EGRET pulsars. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011, , 57-61.	0.3	0
204	Lepton Acceleration in Pulsar Wind Nebulae. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011, , 453-472.	0.3	1
205	Emission from the Polar Cap and Slot Gap. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011, , 79-98.	0.3	0
206	13 Cosmic Particle Accelerators. , 2013, , 611-637.		0
207	Pulsar-Wind Nebulae. <i>Space Sciences Series of ISSI</i> , 2016, , 399-447.	0.0	0
208	Gamma Ray Pulsars: From Radio to Gamma Rays. , 2016, , 1-29.		0
209	Prospects for Pulsar Wind Nebulae Observations with $\hat{1}^3$ -Ray Astronomy Facilities: Cherenkov Telescope Array and Satellites. <i>Astrophysics and Space Science Library</i> , 2017, , 81-100.	1.0	1
210	The TeV Sky and Multiwavelength Astrophysics. <i>Astronomy and Astrophysics Library</i> , 2018, , 313-353.	0.2	0
211	Quantum astronomy: scientific background, technologies, achieved results, and future developments with adaptive optics. , 2018, , .		0
212	MAGIC and the Crab Pulsar: History and Motivation. <i>Springer Theses</i> , 2019, , 85-97.	0.0	0
213	Discovery of State Transition Behaviors in PSR J1124"5916. <i>Astrophysical Journal Letters</i> , 2020, 900, L7.	3.0	6
214	Neutron Stars, Pulsars, and Pulsar Wind Nebulae. <i>Astronomy and Astrophysics Library</i> , 2020, , 117-169.	0.2	0
215	Cosmic Particle Accelerators. , 2020, , 827-863.		0
217	Galactic and extragalactic sources of very high energy gamma rays. <i>European Physical Journal: Special Topics</i> , 2022, 231, 27-66.	1.2	4
218	Multiband Emission up to PeV Energy from the Crab Nebula in a Spatially Dependent Lepto-hadronic Model. <i>Astrophysical Journal</i> , 2022, 926, 7.	1.6	5

#	ARTICLE	IF	CITATIONS
219	Chapter 2 Galactic Gamma-ray Sources *. Chinese Physics C, 2022, 46, 030002.	1.5	5
220	A Study on the X-Ray Pulse Profile and Spectrum of the Crab Pulsar Using NICER and Insight-HXMT's Observations. Astrophysical Journal, 2022, 928, 183.	1.6	1
221	Precise Timing and Phase-resolved Spectroscopy of the Young Pulsar J1617â€“5055 with NuSTAR. Astrophysical Journal, 2021, 923, 249.	1.6	4
222	Study of water Cherenkov detector to improve the angular resolution of an air-shower array for ultra-high-energy gamma-ray observation. Experimental Astronomy, 2022, 53, 991-1016.	1.6	1
223	On the VHE Spectrum and Formation of the Teraelectronvolt Pulsed Emission of the Crab Pulsar. Galaxies, 2022, 10, 59.	1.1	0
225	On the Potential of Bright, Young Pulsars to Power Ultrahigh Gamma-Ray Sources. Astrophysical Journal Letters, 2022, 930, L2.	3.0	21
226	An Estimation of the Lower Bound on the Extragalactic TeV<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si53.svg"><mml:mi>Î³</mml:mi></mml:math>-ray Background. Chinese Astronomy and Astrophysics, 2022, 46, 42-54.	0.1	1
227	Galactic observatory science with the ASTRI Mini-Array at the Observatorio del Teide. Journal of High Energy Astrophysics, 2022, 35, 139-175.	2.4	4
228	Evolution of Spin Period and Magnetic Field of the Crab Pulsar: Decay of the Braking Index by the Particle Wind Flow Torque. Universe, 2022, 8, 628.	0.9	4
229	Congruity of the Crab Pulsarâ€™s <i>Î³</i>-ray spectrum with the spectral distribution of tightly focused caustics. Astronomy and Astrophysics, 2023, 672, A154.	2.1	1
230	Correcting Imaging Atmospheric Cherenkov Telescope data with atmospheric profiles obtained with an elastic light detecting and ranging system. Astronomy and Astrophysics, 2023, 673, A2.	2.1	2
231	Likely Detection of Î³-Ray Pulsations of PSR J1717+4308A in NGC 6341 and Implication of the Î³-Ray Millisecond Pulsars in Globular Clusters. Astrophysical Journal, 2023, 945, 70.	1.6	2