

Matthew Kerr

List of Publications by Year in descending order

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187
papers

20,220
citations

14644

66
h-index

10441

139
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187
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187
docs citations

187
times ranked

8162
citing authors

#	ARTICLE	IF	CITATIONS
1	The International Pulsar Timing Array second data release: Search for an isotropic gravitational wave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4873-4887.	1.6	174
2	Discovery, Timing, and Multiwavelength Observations of the Black Widow Millisecond Pulsar PSR J1555-2908. <i>Astrophysical Journal</i> , 2022, 927, 216.	1.6	12
3	A Detection of Red Noise in PSR J1824-2452A and Projections for PSR B1937+21 Using NICER X-Ray Timing Data. <i>Astrophysical Journal</i> , 2022, 928, 67.	1.6	3
4	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. <i>Science</i> , 2022, 376, 521-523.	6.0	14
5	Is the Black-widow Pulsar PSR J1555-2908 in a Hierarchical Triple System?. <i>Astrophysical Journal Letters</i> , 2022, 931, L3.	3.0	3
6	Consistency of the Parkes Pulsar Timing Array Signal with a Nanohertz Gravitational-wave Background. <i>Astrophysical Journal Letters</i> , 2022, 932, L22.	3.0	21
7	Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53.	3.0	186
8	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. <i>Astrophysical Journal</i> , 2022, 933, 204.	1.6	3
9	Identifying and mitigating noise sources in precision pulsar timing data sets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 478-493.	1.6	47
10	NICER Discovery of Millisecond X-Ray Pulsations and an Ultracompact Orbit in IGR J17494-3030. <i>Astrophysical Journal Letters</i> , 2021, 908, L15.	3.0	14
11	A polarization census of bright pulsars using the ultrawideband receiver on the Parkes radio telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 228-247.	1.6	12
12	The First Fast Radio Burst Detected with VLITE-Fast. <i>Research Notes of the AAS</i> , 2021, 5, 46.	0.3	0
13	Timing of Eight Binary Millisecond Pulsars Found with Arecibo in Fermi-LAT Unidentified Sources. <i>Astrophysical Journal</i> , 2021, 909, 6.	1.6	15
14	Discovery and Timing of Three Millisecond Pulsars in Radio and Gamma-Rays with the Giant Metrewave Radio Telescope and Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2021, 910, 160.	1.6	10
15	PINT: A Modern Software Package for Pulsar Timing. <i>Astrophysical Journal</i> , 2021, 911, 45.	1.6	58
16	Investigating the Nature of MGRO J1908+06 with Multiwavelength Observations. <i>Astrophysical Journal Letters</i> , 2021, 913, L33.	3.0	16
17	Follow-up of 27 radio-quiet gamma-ray pulsars at 110-190 MHz using the international LOFAR station FR606. <i>Astronomy and Astrophysics</i> , 2021, 654, A43.	2.1	7
18	Refined Mass and Geometric Measurements of the High-mass PSR J0740+6620. <i>Astrophysical Journal Letters</i> , 2021, 915, L12.	3.0	416

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19	On the Evidence for a Common-spectrum Process in the Search for the Nanohertz Gravitational-wave Background with the Parkes Pulsar Timing Array. <i>Astrophysical Journal Letters</i> , 2021, 917, L19.	3.0	217
20	The Parkes pulsar timing array second data release: timing analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2137-2153.	1.6	37
21	Timing observations of three Galactic millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5303-5309.	1.6	5
22	The Radius of PSR J0740+6620 from NICER and XMM-Newton Data. <i>Astrophysical Journal Letters</i> , 2021, 918, L28.	3.0	556
23	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12.	3.0	30
24	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
25	NICER Detection of Thermal X-Ray Pulsations from the Massive Millisecond Pulsars PSR J0740+6620 and PSR J1614-2230. <i>Astrophysical Journal Letters</i> , 2021, 918, L26.	3.0	13
26	The impact of glitches on young pulsar rotational evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3251-3274.	1.6	34
27	A NICER View of the Massive Pulsar PSR J0740+6620 Informed by Radio Timing and XMM-Newton Spectroscopy. <i>Astrophysical Journal Letters</i> , 2021, 918, L27.	3.0	544
28	Two years of pulsar observations with the ultra-wide-band receiver on the Parkes radio telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1253-1262.	1.6	21
29	Flux density variability of 286 radio pulsars from a decade of monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4490-4513.	1.6	14
30	FAST discovery of an extremely radio-faint millisecond pulsar from the Fermi-LAT unassociated source 3FGL J0318.1+0252. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	2.0	25
31	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021, 921, 144.	1.6	14
32	Radio Observations of Two Intermittent Pulsars: PSRs J1832+0029 and J1841+0500. <i>Astrophysical Journal</i> , 2020, 897, 8.	1.6	10
33	Gamma-ray heartbeat powered by the microquasar SS 433. <i>Nature Astronomy</i> , 2020, 4, 1177-1184.	4.2	16
34	Optical, X-ray, and γ -ray observations of the candidate transitional millisecond pulsar 4FGL J0427.8-6704. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3912-3926.	1.6	16
35	Measurement of the Rate Distribution of the Population of Repeating Fast Radio Bursts: Implications for Progenitor Models. <i>Astrophysical Journal Letters</i> , 2020, 895, L22.	3.0	8
36	Which bright fast radio bursts repeat?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2416-2427.	1.6	33

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37	The Parkes Pulsar Timing Array project: second data release. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	107
38	<i>Fermi</i> Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2020, 247, 33.	3.0	817
39	Timing of young radio pulsars â€” II. Braking indices and their interpretation. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2012-2026.	1.6	33
40	Probing the Emission States of PSR J1107âˆ²5907. Astrophysical Journal, 2020, 889, 6.	1.6	2
41	Discovery of Millisecond Pulsars in the Globular Cluster Omega Centauri. Astrophysical Journal Letters, 2020, 888, L18.	3.0	22
42	A pulsar-based time-scale from the International Pulsar Timing Array. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5951-5965.	1.6	51
43	A NICER View of Spectral and Profile Evolution for Three X-Ray-emitting Millisecond Pulsars. Astrophysical Journal, 2020, 892, 150.	1.6	4
44	Extremely band-limited repetition from a fast radio burst source. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2525-2531.	1.6	51
45	Orbital Modulation of Gamma Rays from PSR J2339-0533. Astrophysical Journal, 2020, 897, 52.	1.6	10
46	Precision Orbital Dynamics from Interstellar Scintillation Arcs for PSR J0437â€“4715. Astrophysical Journal, 2020, 904, 104.	1.6	39
47	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. Astrophysical Journal Letters, 2020, 902, L46.	3.0	42
48	Radio Discovery of and Gamma-Ray Pulsations from PSR J2339-0533. Research Notes of the AAS, 2020, 4, 37.	0.3	6
49	Anti-glitches in the Ultraluminous Accreting Pulsar NGC 300 ULX-1 Observed with NICER. Astrophysical Journal, 2019, 879, 130.	1.6	25
50	The GMRT High-resolution Southern Sky Survey for Pulsars and Transients. II. New Discoveries, Timing, and Polarization Properties. Astrophysical Journal, 2019, 881, 59.	1.6	17
51	Commensal discovery of four fast radio bursts during Parkes Pulsar Timing Array observations. Monthly Notices of the Royal Astronomical Society, 2019, 488, 868-875.	1.6	31
52	Possible Detection of Gamma-Rays from Epsilon Eridani. Astrophysical Journal, 2019, 878, 8.	1.6	5
53	A single fast radio burst localized to a massive galaxy at cosmological distance. Science, 2019, 365, 565-570.	6.0	295
54	The International Pulsar Timing Array: second data release. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4666-4687.	1.6	191

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55	Multiscale Time- and Frequency-domain Likelihood Analysis with Photon Weights. <i>Astrophysical Journal</i> , 2019, 885, 92.	1.6	14
56	Detection and Timing of Gamma-Ray Pulsations from the 707 Hz Pulsar J0952+0607. <i>Astrophysical Journal</i> , 2019, 883, 42.	1.6	22
57	Timing of young radio pulsars – I. Timing noise, periodic modulation, and proper motion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3810-3826.	1.6	63
58	Searching a Thousand Radio Pulsars for Gamma-Ray Emission. <i>Astrophysical Journal</i> , 2019, 871, 78.	1.6	46
59	Discovery of Soft X-Ray Pulsations from PSR J1231+1411 using NICER. <i>Astrophysical Journal Letters</i> , 2019, 878, L22.	3.0	13
60	The Tail of PSR J0002+6216 and the Supernova Remnant CTB 1. <i>Astrophysical Journal Letters</i> , 2019, 876, L17.	3.0	17
61	Modelling annual and orbital variations in the scintillation of the relativistic binary PSR J1141+6545. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4389-4403.	1.6	34
62	High-precision X-Ray Timing of Three Millisecond Pulsars with NICER: Stability Estimates and Comparison with Radio. <i>Astrophysical Journal</i> , 2019, 874, 160.	1.6	20
63	Wideband Polarized Radio Emission from the Newly Revived Magnetar XTE J1810+197. <i>Astrophysical Journal Letters</i> , 2019, 874, L14.	3.0	42
64	Faint Repetitions from a Bright Fast Radio Burst Source. <i>Astrophysical Journal Letters</i> , 2019, 887, L30.	3.0	94
65	X-Ray and Radio Variabilities of PSR J2032+4127 near Periastron. <i>Astrophysical Journal</i> , 2019, 880, 147.	1.6	7
66	NICER X-Ray Observations of Seven Nearby Rotation-powered Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , 2019, 887, L27.	3.0	45
67	Constraining the Neutron Star Mass–Radius Relation and Dense Matter Equation of State with NICER. I. The Millisecond Pulsar X-Ray Data Set. <i>Astrophysical Journal Letters</i> , 2019, 887, L25.	3.0	110
68	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228.	4.7	20
69	The Einstein@Home Gamma-ray Pulsar Survey. II. Source Selection, Spectral Analysis, and Multiwavelength Follow-up. <i>Astrophysical Journal</i> , 2018, 854, 99.	1.6	22
70	Signatures of Intra-binary Shock Emission in the Black Widow Pulsar Binary PSR J2241+5236. <i>Astrophysical Journal Letters</i> , 2018, 868, L8.	3.0	18
71	A Luminous and Highly Variable Gamma-Ray Flare Following the 2017 Periastron of PSR B1259+63/LS 2883. <i>Astrophysical Journal</i> , 2018, 863, 27.	1.6	27
72	Theoretically Motivated Search and Detection of Non-thermal Pulsations from PSRs J1747-2958, J2021+3651, and J1826-1256. <i>Astrophysical Journal Letters</i> , 2018, 868, L29.	3.0	7

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73	Parkes Pulsar Timing Array constraints on ultralight scalar-field dark matter. <i>Physical Review D</i> , 2018, 98, .	1.6	72
74	First ground-based measurement of sub-20 GeV to 100 GeV γ -Rays from the Vela pulsar with H.E.S.S. II. <i>Astronomy and Astrophysics</i> , 2018, 620, A66.	2.1	32
75	Studying the Solar system with the International Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5501-5516.	1.6	36
76	NICER and Fermi GBM Observations of the First Galactic Ultraluminous X-Ray Pulsar Swift J0243.6+6124. <i>Astrophysical Journal</i> , 2018, 863, 9.	1.6	95
77	Peculiar spin frequency and radio profile evolution of PSR J1119+6127 following magnetar-like X-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3584-3594.	1.6	33
78	Spectral properties of 441 radio pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4436-4458.	1.6	135
79	Polarimetry of 600 pulsars from observations at 1.4 GHz with the Parkes radio telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4629-4636.	1.6	91
80	Extreme scattering events towards two young pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4637-4647.	1.6	32
81	X-Ray and Optical Studies of the Redback System PSR J2129+0429. <i>Astrophysical Journal</i> , 2018, 861, 89.	1.6	27
82	NICER Discovers the Ultracompact Orbit of the Accreting Millisecond Pulsar IGR J17062+6143. <i>Astrophysical Journal Letters</i> , 2018, 858, L13.	3.0	31
83	Observing and Modeling the Gamma-Ray Emission from Pulsar/Pulsar Wind Nebula Complex PSR J0205+6449/3C 58. <i>Astrophysical Journal</i> , 2018, 858, 84.	1.6	16
84	Comparison of pulsar positions from timing and very long baseline astrometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 425-434.	1.6	20
85	Wide-band profile domain pulsar timing analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3706-3727.	1.6	18
86	Detection of radio emission from the gamma-ray pulsar J1732+3131 at 327 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 541-547.	1.6	3
87	On the difference between γ -ray-detected and non- γ -ray-detected pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2018-2026.	1.6	38
88	High-energy Variability of PSR J1311-3430. <i>Astrophysical Journal</i> , 2017, 850, 100.	1.6	23
89	Magnetar-like X-Ray Bursts Suppress Pulsar Radio Emission. <i>Astrophysical Journal Letters</i> , 2017, 849, L20.	3.0	26
90	Locating the intense interstellar scattering towards the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3563-3576.	1.6	24

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91	On the highest energy emission from millisecond pulsars. , 2017, , .		1
92	FERMI/LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF THE MONOCEROS LOOP SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , 2016, 831, 106.	1.6	10
93	THE BRAKING INDEX OF A RADIO-QUIET GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2016, 832, L15.	3.0	27
94	MULTIWAVELENGTH OBSERVATIONS OF THE REDBACK MILLISECOND PULSAR J1048+2339. <i>Astrophysical Journal</i> , 2016, 823, 105.	1.6	40
95	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2016, 224, 8.	3.0	190
96	The International Pulsar Timing Array: First data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1267-1288.	1.6	332
97	THE DISTURBANCE OF A MILLISECOND PULSAR MAGNETOSPHERE. <i>Astrophysical Journal Letters</i> , 2016, 828, L1.	3.0	33
98	Gravitational-Wave Cosmology across 29 Decades in Frequency. <i>Physical Review X</i> , 2016, 6, .	2.8	113
99	The magnetic field and turbulence of the cosmic web measured using a brilliant fast radio burst. <i>Science</i> , 2016, 354, 1249-1252.	6.0	167
100	SIX NEW MILLISECOND PULSARS FROM ARECIBO SEARCHES OF FERMI GAMMA-RAY SOURCES. <i>Astrophysical Journal</i> , 2016, 819, 34.	1.6	37
101	DISCOVERY OF A MILLISECOND PULSAR IN THE 5.4 DAY BINARY 3FGL J1417.5â€“4402: OBSERVING THE LATE PHASE OF PULSAR RECYCLING. <i>Astrophysical Journal</i> , 2016, 820, 6.	1.6	27
102	Timing analysis for 20 millisecond pulsars in the Parkes Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1751-1769.	1.6	233
103	Periodic modulation in pulse arrival times from young pulsars: a renewed case for neutron star precession. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1845-1854.	1.6	40
104	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J1107âˆ“5907. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3948-3960.	1.6	23
105	Characterizing the rotational irregularities of the Vela pulsar from 21Âyrs of phase-coherent timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3104-3111.	1.6	23
106	A study of spatial correlations in pulsar timing array data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4339-4350.	1.6	80
107	Emission-rotation correlation in pulsars: new discoveries with optimal techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1374-1393.	1.6	41
108	From spin noise to systematics: stochastic processes in the first International Pulsar Timing Array data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2161-2187.	1.6	82

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109	PARKES RADIO SEARCHES OF <i>FERMI</i> GAMMA-RAY SOURCES AND MILLISECOND PULSAR DISCOVERIES. <i>Astrophysical Journal</i> , 2015, 810, 85.	1.6	76
110	LIMITS ON PLANET FORMATION AROUND YOUNG PULSARS AND IMPLICATIONS FOR SUPERNOVA FALLBACK DISKS. <i>Astrophysical Journal Letters</i> , 2015, 809, L11.	3.0	31
111	KECK SPECTROSCOPY OF MILLISECOND PULSAR J2215+5135: A MODERATE- <i>M</i> _{NS} , HIGH-INCLINATION BINARY. <i>Astrophysical Journal Letters</i> , 2015, 809, L10.	3.0	25
112	Light-curve modelling constraints on the obliquities and aspect angles of the young <i>Fermi</i> pulsars. <i>Astronomy and Astrophysics</i> , 2015, 575, A3.	2.1	47
113	The unusual glitch recoveries of the high-magnetic-field pulsar J1119 ⁺ 6127. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 3924-3935.	1.6	45
114	The binary nature of PSR J2032+4127. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 581-587.	1.6	116
115	DISCOVERY OF GAMMA-RAY PULSATIONS FROM THE TRANSITIONAL REDBACK PSR J1227-4853. <i>Astrophysical Journal</i> , 2015, 806, 91.	1.6	40
116	Gravitational waves from binary supermassive black holes missing in pulsar observations. <i>Science</i> , 2015, 349, 1522-1525.	6.0	386
117	A study of multifrequency polarization pulse profiles of millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3223-3262.	1.6	109
118	PULSAR OBSERVATIONS OF EXTREME SCATTERING EVENTS. <i>Astrophysical Journal</i> , 2015, 808, 113.	1.6	75
119	TIMING GAMMA-RAY PULSARS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE: TIMING NOISE AND ASTROMETRY. <i>Astrophysical Journal</i> , 2015, 814, 128.	1.6	50
120	Searching for gravitational wave memory bursts with the Parkes Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1657-1671.	1.6	79
121	An all-sky search for continuous gravitational waves in the Parkes Pulsar Timing Array data set. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3709-3720.	1.6	98
122	Limitations in timing precision due to single-pulse shape variability in millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1463-1481.	1.6	94
123	The three discrete nulling time-scales of PSR J1717 ⁺ 4054. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 320-329.	1.6	17
124	X-RAY OBSERVATIONS OF BLACK WIDOW PULSARS. <i>Astrophysical Journal</i> , 2014, 783, 69.	1.6	75
125	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\hat{\gamma}$ -RAY PULSAR SEEN BY THE <i>Fermi</i> LAT. <i>Astrophysical Journal Letters</i> , 2013, 777, L2.	3.0	62
126	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

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127	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17.	3.0	693
128	RADIO DETECTION OF THE <i>FERMI</i> -LAT BLIND SEARCH MILLISECOND PULSAR J1311+3430. <i>Astrophysical Journal Letters</i> , 2013, 763, L13.	3.0	45
129	<i>FERMI</i> -LAT PULSED DETECTION OF PSR J0737+3039A IN THE DOUBLE PULSAR SYSTEM. <i>Astrophysical Journal</i> , 2013, 768, 169.	1.6	20
130	GMRT DISCOVERY OF PSR J1544+4937: AN ECLIPSING BLACK-WIDOW PULSAR IDENTIFIED WITH A <i>FERMI</i> -LAT SOURCE. <i>Astrophysical Journal Letters</i> , 2013, 773, L12.	3.0	53
131	BROADBAND PULSATIONS FROM PSR B1821+24: IMPLICATIONS FOR EMISSION MODELS AND THE PULSAR POPULATION OF M28. <i>Astrophysical Journal</i> , 2013, 778, 106.	1.6	53
132	Six millisecond pulsars detected by the Fermi Large Area Telescope and the radio/gamma-ray connection of millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 571-587.	1.6	52
133	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. <i>Science</i> , 2012, 338, 1314-1317.	6.0	92
134	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6+5856. <i>Science</i> , 2012, 335, 189-193.	6.0	74
135	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 4.	3.0	403
136	PSR J1838+0537: DISCOVERY OF A YOUNG, ENERGETIC GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2012, 755, L20.	3.0	39
137	FIVE NEW MILLISECOND PULSARS FROM A RADIO SURVEY OF 14 UNIDENTIFIED <i>FERMI</i> -LAT GAMMA-RAY SOURCES. <i>Astrophysical Journal Letters</i> , 2012, 748, L2.	3.0	53
138	PSR J2030+3641: RADIO DISCOVERY AND GAMMA-RAY STUDY OF A MIDDLE-AGED PULSAR IN THE NOW IDENTIFIED <i>FERMI</i> -LAT SOURCE 1FGL J2030.0+3641. <i>Astrophysical Journal</i> , 2012, 746, 39.	1.6	19
139	DISCOVERY OF NINE GAMMA-RAY PULSARS IN <i>FERMI</i> LARGE AREA TELESCOPE DATA USING A NEW BLIND SEARCH METHOD. <i>Astrophysical Journal</i> , 2012, 744, 105.	1.6	85
140	<i>Chandra</i> observations of black widow pulsars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 389-391.	0.0	1
141	Pulsars in gamma rays: What Fermi is teaching us. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 307-312.	0.0	1
142	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
143	SEARCH FOR SPATIALLY EXTENDED <i>FERMI</i> LARGE AREA TELESCOPE SOURCES USING TWO YEARS OF DATA. <i>Astrophysical Journal</i> , 2012, 756, 5.	1.6	125
144	<i>FERMI</i> LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 31.	3.0	1,079

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146	A giant radio flare from Cygnus X-3 with associated $\hat{\nu}^3$ -ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2947-2955.	1.6	71
147	Discovery of the millisecond pulsar PSR J2043+1711 in a Fermi source with the Nan $\hat{\nu}$ say Radio Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1294-1305.	1.6	41
148	SUB-LUMINOUS $\hat{\nu}^3$ -RAY PULSARS. <i>Astrophysical Journal</i> , 2011, 738, 114.	1.6	23
149	<i><i>FERMI</i></i> -LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2011, 726, 35.	1.6	60
150	IMPROVING SENSITIVITY TO WEAK PULSATIONS WITH PHOTON PROBABILITY WEIGHTING. <i>Astrophysical Journal</i> , 2011, 732, 38.	1.6	112
151	THE IDENTIFICATION OF THE X-RAY COUNTERPART TO PSR J2021+4026. <i>Astrophysical Journal</i> , 2011, 743, 74.	1.6	13
152	OBSERVATIONS OF ENERGETIC HIGH MAGNETIC FIELD PULSARS WITH THE <i><i>FERMI</i></i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 743, 170.	1.6	26
153	THREE MILLISECOND PULSARS IN <i><i>FERMI</i></i> LAT UNASSOCIATED BRIGHT SOURCES. <i>Astrophysical Journal Letters</i> , 2011, 727, L16.	3.0	133
154	A 350-MHz GBT Survey of 50 Faint Fermi $\hat{\nu}^3$ -ray Sources for Radio Millisecond Pulsars. <i>AIP Conference Proceedings</i> , 2011, , .	0.3	21
155	Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 739-742.	6.0	297
156	Fermi Detection of a Luminous $\hat{\nu}^3$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	6.0	65
157	PRECISE $\hat{\nu}^3$ -RAY TIMING AND RADIO OBSERVATIONS OF 17 <i><i>FERMI</i></i> $\hat{\nu}^3$ -RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 17.	3.0	195
158	THE FIRST <i><i>FERMI</i></i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 460-494.	3.0	396
159	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE <i><i>FERMI</i></i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 708, 1426-1441.	1.6	56
160	<i><i>FERMI</i></i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 713, 146-153.	1.6	64
161	A population of gamma-ray emitting globular clusters seen with the <i><i>Fermi</i></i> Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2010, 524, A75.	2.1	129
162	<i><i>FERMI</i></i> -LAT OBSERVATIONS OF THE GEMINGA PULSAR. <i>Astrophysical Journal</i> , 2010, 720, 272-283.	1.6	57

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164	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
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166	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. <i>Astrophysical Journal</i> , 2010, 712, 957-963.	1.6	47
167	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
168	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010, 712, 1209-1218.	1.6	33
169	<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
170	EIGHT $\hat{\gamma}$ -RAY PULSARS DISCOVERED IN BLIND FREQUENCY SEARCHES OF <i>FERMI</i> LAT DATA. <i>Astrophysical Journal</i> , 2010, 725, 571-584.	1.6	124
171	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
172	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. <i>Science</i> , 2010, 329, 817-821.	6.0	165
173	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2010, 188, 405-436.	3.0	851
174	RADIO DETECTION OF LAT PSRs J1741-2054 AND J2032+4127: NO LONGER JUST GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2009, 705, 1-13.	1.6	107
175	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
176	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2009, 699, L102-L107.	1.6	34
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179	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
180	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 193-219.	1.9	123

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182	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	6.0	190
183	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. <i>Science</i> , 2009, 325, 840-844.	6.0	264
184	THE LARGE AREA TELESCOPE ON THE FERMILAB GAMMA-RAY SPACE TELESCOPE MISSION. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102.	1.6	3,048
185	FERMI/LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009, 706, L56-L61.	1.6	119
186	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
187	The semicentennial binary system PSR J2032+4127 at periastron: X-ray photometry, optical spectroscopy and SPH modelling.. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	6