

Fernando Camilo

List of Publications by Year in descending order

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195
papers

18,632
citations

10986

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12597

132
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195
all docs

195
docs citations

195
times ranked

6968
citing authors

#	ARTICLE	IF	CITATIONS
1	Tests of General Relativity from Timing the Double Pulsar. <i>Science</i> , 2006, 314, 97-102.	12.6	817
2	An increased estimate of the merger rate of double neutron stars from observations of a highly relativistic system. <i>Nature</i> , 2003, 426, 531-533.	27.8	806
3	A Double-Pulsar System: A Rare Laboratory for Relativistic Gravity and Plasma Physics. <i>Science</i> , 2004, 303, 1153-1157.	12.6	787
4	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17.	7.7	693
5	A repeating fast radio burst. <i>Nature</i> , 2016, 531, 202-205.	27.8	690
6	A Radio Pulsar Spinning at 716 Hz. <i>Science</i> , 2006, 311, 1901-1904.	12.6	635
7	The Parkes multi-beam pulsar survey - I. Observing and data analysis systems, discovery and timing of 100 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 328, 17-35.	4.4	534
8	Transient radio bursts from rotating neutron stars. <i>Nature</i> , 2006, 439, 817-820.	27.8	509
9	The Parkes Multibeam Pulsar Survey - VI. Discovery and timing of 142 pulsars and a Galactic population analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 777-800.	4.4	417
10	FAST RADIO BURST DISCOVERED IN THE ARECIBO PULSAR ALFA SURVEY. <i>Astrophysical Journal</i> , 2014, 790, 101.	4.5	409
11	THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 460-494.	7.7	396
12	Transient pulsed radio emission from a magnetar. <i>Nature</i> , 2006, 442, 892-895.	27.8	346
13	The Cosmic Coalescence Rates for Double Neutron Star Binaries. <i>Astrophysical Journal</i> , 2004, 601, L179-L182.	4.5	275
14	Multifrequency Observations of Radio Pulse Broadening and Constraints on Interstellar Electron Density Microstructure. <i>Astrophysical Journal</i> , 2004, 605, 759-783.	4.5	271
15	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. <i>Astrophysical Journal</i> , 2016, 833, 177.	4.5	238
16	On the nature and evolution of the unique binary pulsar J1903+0327. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2763-2780.	4.4	237
17	The Characteristics of Millisecond Pulsar Emission. I. Spectra, Pulse Shapes, and the Beaming Fraction. <i>Astrophysical Journal</i> , 1998, 501, 270-285.	4.5	236
18	1E 1547.0-5408: A Radio-emitting Magnetar with a Rotation Period of 2 Seconds. <i>Astrophysical Journal</i> , 2007, 666, L93-L96.	4.5	233

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19	Discovery of Two High Magnetic Field Radio Pulsars. <i>Astrophysical Journal</i> , 2000, 541, 367-373.	4.5	213
20	Observations of 20 Millisecond Pulsars in 47 Tucanae at 20 Centimeters. <i>Astrophysical Journal</i> , 2000, 535, 975-990.	4.5	209
21	Arecibo Pulsar Survey Using ALFA. I. Survey Strategy and First Discoveries. <i>Astrophysical Journal</i> , 2006, 637, 446-455.	4.5	205
22	Precision timing measurements of PSR J1012+5307. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 274-282.	4.4	202
23	PRECISE $\hat{\gamma}$ -RAY TIMING AND RADIO OBSERVATIONS OF 17 <i>FERMI</i> $\hat{\gamma}$ -RAY PULSARS. <i>Astrophysical Journal</i> , Supplement Series, 2011, 194, 17.	7.7	195
24	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	12.6	190
25	The Parkes Multibeam Pulsar Survey - III. Young pulsars and the discovery and timing of 200 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 342, 1299-1324.	4.4	189
26	The Parkes multibeam pulsar survey - IV. Discovery of 180 pulsars and parameters for 281 previously known pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 1439-1472.	4.4	157
27	The Parkes Multibeam Pulsar Survey - II. Discovery and timing of 120 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 275-290.	4.4	154
28	Relativistic Spin Precession in the Double Pulsar. <i>Science</i> , 2008, 321, 104-107.	12.6	152
29	An Eccentric Binary Millisecond Pulsar in the Galactic Plane. <i>Science</i> , 2008, 320, 1309-1312.	12.6	152
30	The Parkes Multibeam Pulsar Survey - V. Finding binary and millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 147-158.	4.4	139
31	The Mouse that Soared: High-Resolution X-Ray Imaging of the Pulsar-powered Bow Shock G359.23 $\hat{\sim}$ 0.82. <i>Astrophysical Journal</i> , 2004, 616, 383-402.	4.5	139
32	THREE MILLISECOND PULSARS IN <i>FERMI</i> LAT UNASSOCIATED BRIGHT SOURCES. <i>Astrophysical Journal Letters</i> , 2011, 727, L16.	8.3	133
33	Detection of Ionized Gas in the Globular Cluster 47 Tucanae. <i>Astrophysical Journal</i> , 2001, 557, L105-L108.	4.5	126
34	The magnetic fields, ages, and original spin periods of millisecond pulsars. <i>Astrophysical Journal</i> , 1994, 421, L15.	4.5	125
35	EIGHT $\hat{\gamma}$ -RAY PULSARS DISCOVERED IN BLIND FREQUENCY SEARCHES OF <i>FERMI</i> LAT DATA. <i>Astrophysical Journal</i> , 2010, 725, 571-584.	4.5	124
36	DISCOVERY OF PSR J1227 $\hat{\sim}$ 4853: A TRANSITION FROM A LOW-MASS X-RAY BINARY TO A REDBACK MILLISECOND PULSAR. <i>Astrophysical Journal Letters</i> , 2015, 800, L12.	8.3	122

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37	PALFA Discovery of a Highly Relativistic Double Neutron Star Binary. <i>Astrophysical Journal Letters</i> , 2018, 854, L22.	8.3	119
38	DISCOVERY OF THE OPTICAL COUNTERPARTS TO FOUR ENERGETIC <i>FERMI</i> MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2013, 769, 108.	4.5	118
39	The binary nature of PSR J2032+4127. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 581-587.	4.4	116
40	PSR J2229+6114: Discovery of an Energetic Young Pulsar in the Error Box of the EGRET Source 3EG J2227+6122. <i>Astrophysical Journal</i> , 2001, 552, L125-L128.	4.5	115
41	A Strong Jet Signature in the Late-time Light Curve of GW170817. <i>Astrophysical Journal Letters</i> , 2018, 868, L11.	8.3	114
42	Measurement of Relativistic Orbital Decay in the PSR B1534+12 Binary System. <i>Astrophysical Journal</i> , 1998, 505, 352-357.	4.5	112
43	Chandra X-ray Observations of 19 Millisecond Pulsars in the Globular Cluster 47 Tucanae. <i>Astrophysical Journal</i> , 2006, 646, 1104-1115.	4.5	109
44	Revival of the Magnetar PSR J1622-4950: Observations with MeerKAT, Parkes, XMM-Newton, Swift, Chandra, and NuSTAR. <i>Astrophysical Journal</i> , 2018, 856, 180.	4.5	108
45	RADIO DETECTION OF LAT PSRs J1741-2054 AND J2032+4127: NO LONGER JUST GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2009, 705, 1-13.	4.5	107
46	PSR J1841-0500: A RADIO PULSAR THAT MOSTLY IS NOT THERE. <i>Astrophysical Journal</i> , 2012, 746, 63.	4.5	105
47	An Eclipsing Millisecond Pulsar with a Possible Main-Sequence Companion in NGC 6397. <i>Astrophysical Journal</i> , 2001, 561, L89-L92.	4.5	104
48	Arecibo Pulsar Survey Using ALFA. II. The Young, Highly Relativistic Binary Pulsar J1906+0746. <i>Astrophysical Journal</i> , 2006, 640, 428-434.	4.5	103
49	ARECIBO PULSAR SURVEY USING ALFA: PROBING RADIO PULSAR INTERMITTENCY AND TRANSIENTS. <i>Astrophysical Journal</i> , 2009, 703, 2259-2274.	4.5	103
50	The Magnetar 1E 1547.0-5408: Radio Spectrum, Polarimetry, and Timing. <i>Astrophysical Journal</i> , 2008, 679, 681-686.	4.5	100
51	SEARCHING FOR PULSARS USING IMAGE PATTERN RECOGNITION. <i>Astrophysical Journal</i> , 2014, 781, 117.	4.5	99
52	Strong-Field Gravity Tests with the Double Pulsar. <i>Physical Review X</i> , 2021, 11, .	8.9	97
53	The Magnetar XTE J1810-197: Variations in Torque, Radio Flux Density, and Pulse Profile Morphology. <i>Astrophysical Journal</i> , 2007, 663, 497-504.	4.5	94
54	Long-term observations of the pulsars in 47 Tucanae II. Proper motions, accelerations and jerks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 857-876.	4.4	93

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55	HIGH-PRECISION TIMING OF FIVE MILLISECOND PULSARS: SPACE VELOCITIES, BINARY EVOLUTION, AND EQUIVALENCE PRINCIPLES. <i>Astrophysical Journal</i> , 2011, 743, 102.	4.5	90
56	Discovery of a Young Radio Pulsar in a Relativistic Binary Orbit. <i>Astrophysical Journal</i> , 2000, 543, 321-327.	4.5	89
57	Inflation of 430-parsec bipolar radio bubbles in the Galactic Centre by an energetic event. <i>Nature</i> , 2019, 573, 235-237.	27.8	86
58	PSR J1833+1034: Discovery of the Central Young Pulsar in the Supernova Remnant G21.5+0.9. <i>Astrophysical Journal</i> , 2006, 637, 456-465.	4.5	85
59	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.	4.5	85
60	THE BINARY COMPANION OF YOUNG, RELATIVISTIC PULSAR J1906+0746. <i>Astrophysical Journal</i> , 2015, 798, 118.	4.5	82
61	Pulsar timing for the <i>Fermi</i> gamma-ray space telescope. <i>Astronomy and Astrophysics</i> , 2008, 492, 923-931.	5.1	81
62	The 1.28 GHz MeerKAT DEEP2 Image. <i>Astrophysical Journal</i> , 2020, 888, 61.	4.5	80
63	The Variable Radio X-Ray Spectrum of the Magnetar XTE J1810+197. <i>Astrophysical Journal</i> , 2007, 669, 561-569.	4.5	78
64	Discovery of millisecond pulsars in radio searches of southern Fermi Large Area Telescope sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1292-1300.	4.4	77
65	ARECIBO PULSAR SURVEY USING ALFA. IV. MOCK SPECTROMETER DATA ANALYSIS, SURVEY SENSITIVITY, AND THE DISCOVERY OF 40 PULSARS. <i>Astrophysical Journal</i> , 2015, 812, 81.	4.5	77
66	PARKES RADIO SEARCHES OF <i>FERMI</i> GAMMA-RAY SOURCES AND MILLISECOND PULSAR DISCOVERIES. <i>Astrophysical Journal</i> , 2015, 810, 85.	4.5	76
67	X-RAY OBSERVATIONS OF BLACK WIDOW PULSARS. <i>Astrophysical Journal</i> , 2014, 783, 69.	4.5	75
68	Timing of Millisecond Pulsars in NGC 6752: Evidence for a High Mass-to-Light Ratio in the Cluster Core. <i>Astrophysical Journal</i> , 2002, 570, L89-L92.	4.5	74
69	Discovery of 28 pulsars using new techniques for sorting pulsar candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 837-846.	4.4	74
70	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.	4.5	72
71	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 711, 64-74.	4.5	72
72	Discovery of Five Binary Radio Pulsars. <i>Astrophysical Journal</i> , 2001, 548, L187-L191.	4.5	71

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73	The Parkes Observatory Pulsar Data Archive. Publications of the Astronomical Society of Australia, 2011, 28, 202-214.	3.4	69
74	Outburst of the 2 s Anomalous X-ray Pulsar 1E 1547.0 \sim 5408. Astrophysical Journal, 2008, 676, 1178-1183.	4.5	66
75	THE EVOLUTION OF PSR J0737 \hat{a} 3039B AND A MODEL FOR RELATIVISTIC SPIN PRECESSION. Astrophysical Journal, 2010, 721, 1193-1205.	4.5	66
76	DISCOVERY OF TWO MILLISECOND PULSARS IN <i>FERMI</i> SOURCES WITH THE NAN \hat{A} Y RADIO TELESCOPE. Astrophysical Journal, 2011, 732, 47.	4.5	66
77	The ELM Survey. VIII. Ninety-eight Double White Dwarf Binaries. Astrophysical Journal, 2020, 889, 49.	4.5	66
78	Fermi Detection of a Luminous \hat{I} ³ -Ray Pulsar in a Globular Cluster. Science, 2011, 334, 1107-1110.	12.6	65
79	PULSED GAMMA RAYS FROM THE ORIGINAL MILLISECOND AND BLACK WIDOW PULSARS: A CASE FOR CAUSTIC RADIO EMISSION?. Astrophysical Journal, 2012, 744, 33.	4.5	65
80	Polarized Radio Emission from the Magnetar XTE J1810-197. Astrophysical Journal, 2007, 659, L37-L40.	4.5	61
81	The bright unidentified \hat{I} ³ -ray source 1FGL J1227.9 \hat{a} 4852: can it be associated with a low-mass X-ray binary?. Monthly Notices of the Royal Astronomical Society, 2011, 415, 235-243.	4.4	61
82	The Double Pulsar System J0737-3039: Modulation of A by B at Eclipse. Astrophysical Journal, 2004, 616, L131-L134.	4.5	60
83	Pulsar Discovery by Global Volunteer Computing. Science, 2010, 329, 1305-1305.	12.6	57
84	X-ray, Radio, and Optical Observations of the Putative Pulsar in the Supernova Remnant CTA 1. Astrophysical Journal, 2004, 612, 398-407.	4.5	56
85	LOFAR Discovery of the Fastest-spinning Millisecond Pulsar in the Galactic Field. Astrophysical Journal Letters, 2017, 846, L20.	8.3	55
86	Long-Term Variations in the Pulse Emission from PSR J0737-3039B. Astrophysical Journal, 2005, 624, L113-L116.	4.5	54
87	OBSERVATIONS AND MODELING OF RELATIVISTIC SPIN PRECESSION IN PSR J1141 \hat{a} 6545. Astrophysical Journal, 2010, 710, 1694-1709.	4.5	54
88	FIVE NEW MILLISECOND PULSARS FROM A RADIO SURVEY OF 14 UNIDENTIFIED <i>FERMI</i> -LAT GAMMA-RAY SOURCES. Astrophysical Journal Letters, 2012, 748, L2.	8.3	53
89	THE <i>EINSTEIN@HOME</i> SEARCH FOR RADIO PULSARS AND PSR J2007+2722 DISCOVERY. Astrophysical Journal, 2013, 773, 91.	4.5	53
90	GMRT DISCOVERY OF PSR J1544+4937: AN ECLIPSING BLACK-WIDOW PULSAR IDENTIFIED WITH A <i>FERMI</i> -LAT SOURCE. Astrophysical Journal Letters, 2013, 773, L12.	8.3	53

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91	BROADBAND PULSATIONS FROM PSR B1821â€“24: IMPLICATIONS FOR EMISSION MODELS AND THE PULSAR POPULATION OF M28. <i>Astrophysical Journal</i> , 2013, 778, 106.	4.5	53
92	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.	4.4	52
93	EINSTEIN@HOME DISCOVERY OF A DOUBLE NEUTRON STAR BINARY IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2016, 831, 150.	4.5	52
94	VLBA Measurement of the Transverse Velocity of the Magnetar XTE J1810â€“197. <i>Astrophysical Journal</i> , 2007, 662, 1198-1203.	4.5	52
95	Long-term observations of the pulsars in 47 Tucanae â€“ I. A study of four elusive binary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2918-2933.	4.4	51
96	TIMING GAMMA-RAY PULSARS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE: TIMING NOISE AND ASTROMETRY. <i>Astrophysical Journal</i> , 2015, 814, 128.	4.5	50
97	The MeerKAT Galaxy Cluster Legacy Survey. <i>Astronomy and Astrophysics</i> , 2022, 657, A56.	5.1	49
98	PSR J1740-3052: a pulsar with a massive companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 325, 979-988.	4.4	48
99	The Mean Pulse Profile of PSR J0737-3039A. <i>Astrophysical Journal</i> , 2005, 621, L49-L52.	4.5	48
100	peace: pulsar evaluation algorithm for candidate extraction â€“ a software package for post-analysis processing of pulsar survey candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 688-694.	4.4	48
101	PROPERTIES AND EVOLUTION OF THE REDBACK MILLISECOND PULSAR BINARY PSR J2129â€“0429. <i>Astrophysical Journal</i> , 2016, 816, 74.	4.5	48
102	RADIO DISAPPEARANCE OF THE MAGNETAR XTE J1810â€“197 AND CONTINUED X-RAY TIMING. <i>Astrophysical Journal</i> , 2016, 820, 110.	4.5	47
103	Eight new millisecond pulsars from the first MeerKAT globular cluster census. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1407-1426.	4.4	47
104	Two Young Radio Pulsars Coincident with EGRET Sources. <i>Astrophysical Journal</i> , 2001, 552, L45-L48.	4.5	47
105	Pulsar searches of Fermi unassociated sources with the Effelsberg telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1633-1642.	4.4	46
106	Searching a Thousand Radio Pulsars for Gamma-Ray Emission. <i>Astrophysical Journal</i> , 2019, 871, 78.	4.5	46
107	RADIO DETECTION OF THE <i>FERMI</i> -LAT BLIND SEARCH MILLISECOND PULSAR J1311â€“3430. <i>Astrophysical Journal Letters</i> , 2013, 763, L13.	8.3	45
108	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 700, 1059-1066.	4.5	44

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109	TWO LONG-TERM INTERMITTENT PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017, 834, 72.	4.5	43
110	Hydrodynamical backflow in X-shaped radio galaxy PKS 2014+55. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1271-1283.	4.4	43
111	Wideband Polarized Radio Emission from the Newly Revived Magnetar XTE J1810-197. <i>Astrophysical Journal Letters</i> , 2019, 874, L14.	8.3	42
112	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. <i>Astrophysical Journal Letters</i> , 2020, 902, L46.	8.3	42
113	The 1.28 GHz MeerKAT Galactic Center Mosaic. <i>Astrophysical Journal</i> , 2022, 925, 165.	4.5	42
114	Discovery of the millisecond pulsar PSR J2043+1711 in a Fermi source with the Nançay Radio Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1294-1305.	4.4	41
115	The Next Geminga: Deep Multiwavelength Observations of a Neutron Star Identified with 3EG J1835+5918. <i>Astrophysical Journal</i> , 2002, 573, L41-L44.	4.5	40
116	TIMING OF FIVE MILLISECOND PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2015, 800, 123.	4.5	40
117	DISCOVERY OF GAMMA-RAY PULSATIONS FROM THE TRANSITIONAL REDBACK PSR J1227-4853. <i>Astrophysical Journal</i> , 2015, 806, 91.	4.5	40
118	MULTIWAVELENGTH OBSERVATIONS OF THE REDBACK MILLISECOND PULSAR J1048+2339. <i>Astrophysical Journal</i> , 2016, 823, 105.	4.5	40
119	PSR J1838-0537: DISCOVERY OF A YOUNG, ENERGETIC GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2012, 755, L20.	8.3	39
120	Discovery of the Putative Pulsar and Wind Nebula Associated with the TeV Gamma-Ray Source HESS J1813+178. <i>Astrophysical Journal</i> , 2007, 665, 1297-1303.	4.5	38
121	The first pulsar discovered by FAST. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	38
122	Asymmetric mass ratios for bright double neutron-star mergers. <i>Nature</i> , 2020, 583, 211-214.	27.8	38
123	SIX NEW MILLISECOND PULSARS FROM ARECIBO SEARCHES OF FERMI GAMMA-RAY SOURCES. <i>Astrophysical Journal</i> , 2016, 819, 34.	4.5	37
124	The Parkes multibeam pulsar survey â€“ VII. Timing of four millisecond pulsars and the underlying spin-period distribution of the Galactic millisecond pulsar population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2185-2194.	4.4	35
125	PALFA Single-pulse Pipeline: New Pulsars, Rotating Radio Transients, and a Candidate Fast Radio Burst. <i>Astrophysical Journal</i> , 2018, 869, 181.	4.5	35
126	INTERSTELLAR SCINTILLATION OF THE DOUBLE PULSAR J0737+3039. <i>Astrophysical Journal</i> , 2014, 787, 161.	4.5	34

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127	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010, 712, 1209-1218.	4.5	33
128	Multiband Optical Light Curves of Black-widow Pulsars. <i>Astrophysical Journal</i> , 2019, 883, 108.	4.5	31
129	The Thousand-Pulsar-Array programme on MeerKAT – I. Science objectives and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3608-3615.	4.4	30
130	DISCOVERY OF THE ENERGETIC PULSAR J1747â€“2809 IN THE SUPERNOVA REMNANT G0.9+0.1. <i>Astrophysical Journal</i> , 2009, 700, L34-L38.	4.5	29
131	TWO MILLISECOND PULSARS DISCOVERED BY THE PALFA SURVEY AND A SHAPIRO DELAY MEASUREMENT. <i>Astrophysical Journal</i> , 2012, 757, 89.	4.5	29
132	TIMING AND INTERSTELLAR SCATTERING OF 35 DISTANT PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2013, 772, 50.	4.5	28
133	The Very Young Radio Pulsar J1357-6429. <i>Astrophysical Journal</i> , 2004, 611, L25-L28.	4.5	27
134	PSR J1856+0245: Arecibo Discovery of a Young, Energetic Pulsar Coincident with the TeV $\hat{\gamma}$ -Ray Source HESS J1857+026. <i>Astrophysical Journal</i> , 2008, 682, L41-L44.	4.5	27
135	THE BALMER-DOMINATED BOW SHOCK AND WIND NEBULA STRUCTURE OF $\hat{\gamma}$ -RAY PULSAR PSR J1741â€“2054. <i>Astrophysical Journal</i> , 2010, 724, 908-914.	4.5	27
136	THE BRAKING INDEX OF A RADIO-QUIET GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2016, 832, L15.	8.3	27
137	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.	4.5	27
138	The Implementation of a Fast-folding Pipeline for Long-period Pulsar Searching in the PALFA Survey. <i>Astrophysical Journal</i> , 2018, 861, 44.	4.5	27
139	The relativistic binary programme on MeerKAT: science objectives and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2094-2114.	4.4	27
140	The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. <i>Astrophysical Journal</i> , 2021, 922, 154.	4.5	27
141	OBSERVATIONS OF ENERGETIC HIGH MAGNETIC FIELD PULSARS WITH THE<i>FERMI</i>LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 743, 170.	4.5	26
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