

Richard Manchester

List of Publications by Year in descending order

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334
papers

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3731

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times ranked

7773
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#	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.	4.4	174
2	High-precision search for dark photon dark matter with the Parkes Pulsar Timing Array. <i>Physical Review Research</i> , 2022, 4, .	3.6	16
3	Consistency of the Parkes Pulsar Timing Array Signal with a Nanohertz Gravitational-wave Background. <i>Astrophysical Journal Letters</i> , 2022, 932, L22.	8.3	21
4	Identifying and mitigating noise sources in precision pulsar timing data sets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 478-493.	4.4	47
5	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.	4.4	12
6	Evidence for three-dimensional spin-velocity alignment in a pulsar. <i>Nature Astronomy</i> , 2021, 5, 788-795.	10.1	28
7	81 New candidate fast radio bursts in Parkes archive. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3238-3245.	4.4	8
8	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.	8.3	217
9	The Parkes pulsar timing array second data release: timing analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2137-2153.	4.4	37
10	The impact of glitches on young pulsar rotational evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3251-3274.	4.4	34
11	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.	4.4	21
12	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.	4.4	14
13	Constraining Cosmological Phase Transitions with the Parkes Pulsar Timing Array. <i>Physical Review Letters</i> , 2021, 127, 251303.	7.8	40
14	Strong-Field Gravity Tests with the Double Pulsar. <i>Physical Review X</i> , 2021, 11, .	8.9	97
15	Periodic mode changing in PSR J1048+5832. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4634-4641.	4.4	21
16	Parkes Transient Events. I. Database of Single Pulses, Initial Results, and Missing Fast Radio Bursts. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 14.	7.7	7
17	Results of 12 yr of Pulsar Timing at Nanshan. I.. <i>Astrophysical Journal</i> , 2020, 896, 140.	4.5	16
18	The Parkes Pulsar Timing Array project: second data release. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	107

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19	Timing of young radio pulsars – II. Braking indices and their interpretation. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2012-2026.	4.4	33
20	An ultra-wide bandwidth (704 to 4032MHz) receiver for the Parkes radio telescope. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	113
21	A pulsar-based time-scale from the International Pulsar Timing Array. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5951-5965.	4.4	51
22	Precision Orbital Dynamics from Interstellar Scintillation Arcs for PSR J04374715. Astrophysical Journal, 2020, 904, 104.	4.5	39
23	The Two Emission States of PSR B1534+12. Astrophysical Journal Letters, 2020, 902, L13.	8.3	9
24	Wideband Monitoring Observations of PSR J18033002A in the Globular Cluster NGC 6522. Astrophysical Journal Letters, 2020, 905, L8.	8.3	5
25	Understanding and improving the timing of PSR J07373039B. Astronomy and Astrophysics, 2020, 643, A143.	5.1	10
26	Commensal discovery of four fast radio bursts during Parkes Pulsar Timing Array observations. Monthly Notices of the Royal Astronomical Society, 2019, 488, 868-875.	4.4	31
27	The International Pulsar Timing Array: second data release. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4666-4687.	4.4	191
28	Timing of young radio pulsars – I. Timing noise, periodic modulation, and proper motion. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3810-3826.	4.4	63
29	Searching a Thousand Radio Pulsars for Gamma-Ray Emission. Astrophysical Journal, 2019, 871, 78.	4.5	46
30	PSR J1926-0652: A Pulsar with Interesting Emission Properties Discovered at FAST. Astrophysical Journal, 2019, 877, 55.	4.5	28
31	5.0 GHz TMRT Observations of 71 Pulsars. Astrophysical Journal, 2019, 874, 64.	4.5	19
32	Periodic Q-mode modulation in PSR J18250935 (PSR B182209). Monthly Notices of the Royal Astronomical Society, 2019, 485, 3241-3247.	4.4	18
33	Mode switching and oscillations in PSR B182811. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3230-3240.	4.4	23
34	The role of FAST in pulsar timing arrays. Research in Astronomy and Astrophysics, 2019, 19, 020.	1.7	32
35	Wide Bandwidth Observations of Pulsars C, D, and J in 47 Tucanae. Astrophysical Journal Letters, 2019, 885, L37.	8.3	3
36	Pulsar Rotation Measures and Large-scale Magnetic Field Reversals in the Galactic Disk. Astrophysical Journal, Supplement Series, 2018, 234, 11.	7.7	96

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37	Polarimetry of the Eclipsing Pulsar PSR J1748-2446A. <i>Astrophysical Journal</i> , 2018, 867, 22.	4.5	11
38	Parke Pulsar Timing Array constraints on ultralight scalar-field dark matter. <i>Physical Review D</i> , 2018, 98, .	4.7	72
39	Studying the Solar system with the International Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5501-5516.	4.4	36
40	Search for a radio pulsar in the remnant of supernova 1987A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1836-1841.	4.4	11
41	Simultaneous 13 cm/3 cm Single-pulse Observations of PSR B0329+54. <i>Astrophysical Journal</i> , 2018, 856, 55.	4.5	14
42	A NEW ELECTRON-DENSITY MODEL FOR ESTIMATION OF PULSAR AND FRB DISTANCES. <i>Astrophysical Journal</i> , 2017, 835, 29.	4.5	730
43	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
44	TMRT Observations of 26 Pulsars at 8.6 GHz. <i>Astrophysical Journal</i> , 2017, 845, 156.	4.5	10
45	Millisecond Pulsars, their Evolution and Applications. <i>Journal of Astrophysics and Astronomy</i> , 2017, 38, 1.	1.0	26
46	Determination of the Sun's offset from the Galactic plane using pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3289-3294.	4.4	31
47	Comparison of pulsar positions from timing and very long baseline astrometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 425-434.	4.4	20
48	Pulse profiles and timing of PSR J1757-2421. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1234-1241.	4.4	15
49	Wide-band profile domain pulsar timing analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3706-3727.	4.4	18
50	Pulsar timing and its applications. <i>Journal of Physics: Conference Series</i> , 2017, 932, 012002.	0.4	8
51	Magnetospheric Switching in PSR B1828-11. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 233-236.	0.0	0
52	Pulsar Glitches. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 197-202.	0.0	9
53	Long-term observations of pulsars in the globular clusters 47 Tucanae and M15. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 251-254.	0.0	1
54	Pulsars: Celestial Clocks. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2017, , 253-265.	0.3	2

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55	Investigation of nulling and subpulse drifting properties of PSR J1727âˆ’2739. <i>Astronomy and Astrophysics</i> , 2016, 592, A127.	5.1	33
56	The International Pulsar Timing Array: First data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1267-1288.	4.4	332
57	THE DISTURBANCE OF A MILLISECOND PULSAR MAGNETOSPHERE. <i>Astrophysical Journal Letters</i> , 2016, 828, L1.	8.3	33
58	Gravitational-Wave Cosmology across 29 Decades in Frequency. <i>Physical Review X</i> , 2016, 6, .	8.9	113
59	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
60	Proper motions of 15 pulsars: a comparison between Bayesian and frequentist algorithms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 4011-4017.	4.4	12
61	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.	4.4	233
62	Characterizing the rotational irregularities of the Vela pulsar from 21ÂŸyr of phase-coherent timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3104-3111.	4.4	23
63	Detection and localization of continuous gravitational waves with pulsar timing arrays: the role of pulsar terms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1317-1327.	4.4	26
64	Versatile directional searches for gravitational waves with Pulsar Timing Arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3662-3673.	4.4	17
65	A study of spatial correlations in pulsar timing array data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4339-4350.	4.4	80
66	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.	4.4	82
67	Gravitational wave astronomy: the current status. <i>Science China: Physics, Mechanics and Astronomy</i> , 2015, 58, 1.	5.1	26
68	Representations of time coordinates in FITS. <i>Astronomy and Astrophysics</i> , 2015, 574, A36.	5.1	9
69	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
70	Detection and localization of single-source gravitational waves with pulsar timing arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1650-1663.	4.4	37
71	Pulsars and gravity. <i>International Journal of Modern Physics D</i> , 2015, 24, 1530018.	2.1	54
72	Gravitational waves from binary supermassive black holes missing in pulsar observations. <i>Science</i> , 2015, 349, 1522-1525.	12.6	386

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73	A study of multifrequency polarization pulse profiles of millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3223-3262.	4.4	109
74	PULSAR OBSERVATIONS OF EXTREME SCATTERING EVENTS. <i>Astrophysical Journal</i> , 2015, 808, 113.	4.5	75
75	SINGLE-PULSE RADIO OBSERVATIONS OF THE GALACTIC CENTER MAGNETAR PSR J1745+2900. <i>Astrophysical Journal</i> , 2015, 814, 5.	4.5	37
76	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.	4.4	79
77	The kinematics and orbital dynamics of the PSR B1259+63/LS 2883 system from 23%yr of pulsar timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3255-3264.	4.4	56
78	Binary supermassive black hole environments diminish the gravitational wave signal in the pulsar timing band. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 56-68.	4.4	70
79	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.	4.4	98
80	PSR J1756+2251: a pulsar with a low-mass neutron star companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 2183-2196.	4.4	91
81	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.	4.4	94
82	SPECTRAL AND MORPHOLOGICAL ANALYSIS OF THE REMNANT OF SUPERNOVA 1987A WITH ALMA AND ATCA. <i>Astrophysical Journal</i> , 2014, 796, 82.	4.5	49
83	Interplanetary spacecraft navigation using pulsars. <i>Advances in Space Research</i> , 2013, 52, 1602-1621.	2.6	46
84	The Parkes Pulsar Timing Array Project. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	350
85	Detection of 107 glitches in 36 southern pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 688-724.	4.4	160
86	The Perseus Arm Pulsar Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 579-588.	4.4	18
87	Measurement and correction of variations in interstellar dispersion in high-precision pulsar timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2161-2174.	4.4	174
88	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
89	The International Pulsar Timing Array. <i>Classical and Quantum Gravity</i> , 2013, 30, 224010.	4.0	156
90	PSR J1723+2837: AN ECLIPSING BINARY RADIO MILLISECOND PULSAR. <i>Astrophysical Journal</i> , 2013, 776, 20.	4.5	56

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91	EVOLUTION OF THE RADIO REMNANT OF SUPERNOVA 1987A: MORPHOLOGICAL CHANGES FROM DAY 7000. <i>Astrophysical Journal</i> , 2013, 777, 131.	4.5	31
92	THE DOUBLE PULSAR: EVIDENCE FOR NEUTRON STAR FORMATION WITHOUT AN IRON CORE-COLLAPSE SUPERNOVA. <i>Astrophysical Journal</i> , 2013, 767, 85.	4.5	65
93	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
94	PULSAR SEARCHING AND TIMING. <i>International Journal of Modern Physics D</i> , 2013, 22, 1341007.	2.1	6
95	Gravitational-Wave Limits from Pulsar Timing Constrain Supermassive Black Hole Evolution. <i>Science</i> , 2013, 342, 334-337.	12.6	133
96	HIGH-RESOLUTION RADIO OBSERVATIONS OF THE REMNANT OF SN 1987A AT HIGH FREQUENCIES. <i>Astrophysical Journal</i> , 2013, 767, 98.	4.5	36
97	The radio remnant of Supernova 1987A at high frequencies and high resolution. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 23-26.	0.0	0
98	X-RAY OBSERVATIONS OF HIGH-B RADIO PULSARS. <i>Astrophysical Journal</i> , 2013, 764, 1.	4.5	56
99	DOES A "STOCHASTIC" BACKGROUND OF GRAVITATIONAL WAVES EXIST IN THE PULSAR TIMING BAND?. <i>Astrophysical Journal</i> , 2012, 761, 84.	4.5	67
100	Pulsar time scale and its future application. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 365-365.	0.0	0
101	CHANDRA OBSERVATIONS OF THE OLD PULSAR PSR B1451-68. <i>Astrophysical Journal</i> , 2012, 749, 146.	4.5	19
102	XMM-NEWTON OBSERVATION OF THE VERY OLD PULSAR J0108-1431. <i>Astrophysical Journal</i> , 2012, 761, 117.	4.5	14
103	Changes in Polarization Position Angle across the Eclipse in the Double Pulsar System. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 580-582.	0.0	0
104	Rotation Measure variations for millisecond pulsars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 568-570.	0.0	0
105	A SHAPIRO DELAY DETECTION IN THE BINARY SYSTEM HOSTING THE MILLISECOND PULSAR PSR J1910-5959A. <i>Astrophysical Journal</i> , 2012, 760, 100.	4.5	25
106	PSR B0826-34: SOMETIMES A ROTATING RADIO TRANSIENT. <i>Astrophysical Journal Letters</i> , 2012, 759, L3.	8.3	20
107	Radiation properties of extreme nulling pulsar J1502+5653. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1294-1298.	4.4	10
108	Timing the main-sequence-star binary pulsar J1740+3052. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2378-2385.	4.4	19

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109	Development of a pulsar-based time-scale. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2780-2787.	4.4	163
110	CONSTRAINING THE OPTICAL EMISSION FROM THE DOUBLE PULSAR SYSTEM J0737-3039. Astrophysical Journal, 2012, 749, 84.	4.5	3
111	Observations and modelling of pulsed radio emission from CU Virginis. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3316-3324.	4.4	23
112	Measurement of the electron density and magnetic field of the solar wind using millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1160-1165.	4.4	37
113	Optimal interpolation and prediction in pulsar timing. Monthly Notices of the Royal Astronomical Society, 2012, 424, 244-251.	4.4	18
114	CHANGES IN POLARIZATION POSITION ANGLE ACROSS THE ECLIPSE IN THE DOUBLE PULSAR SYSTEM. Astrophysical Journal Letters, 2012, 752, L32.	8.3	3
115	Discovery of gamma- and X-ray pulsations from the young and energetic PSR J1357+6429 with <i>Fermi</i> and <i>XMM-Newton</i> . Astronomy and Astrophysics, 2011, 533, A102.	5.1	21
116	A GIANT GLITCH IN PSR J1718-3718. Astrophysical Journal Letters, 2011, 736, L31.	8.3	18
117	The Parkes Observatory Pulsar Data Archive. Publications of the Astronomical Society of Australia, 2011, 28, 202-214.	3.4	69
118	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259-63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i> . Astrophysical Journal Letters, 2011, 736, L11.	8.3	130
119	THE BRAKING INDEX OF PSR J1734-3333 AND THE MAGNETAR POPULATION. Astrophysical Journal Letters, 2011, 741, L13.	8.3	120
120	CONSTRAINING THE COALESCENCE RATE OF SUPERMASSIVE BLACK-HOLE BINARIES USING PULSAR TIMING. Astrophysical Journal, 2011, 730, 29.	4.5	26
121	<i>CHANDRA</i> OBSERVATIONS OF THE HIGH-MAGNETIC-FIELD RADIO PULSAR J1718-3718. Astrophysical Journal, 2011, 734, 44.	4.5	39
122	OBSERVATIONS OF ENERGETIC HIGH MAGNETIC FIELD PULSARS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. Astrophysical Journal, 2011, 743, 170.	4.5	26
123	On detection of the stochastic gravitational-wave background using the Parkes pulsar timing array. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1777-1787.	4.4	54
124	Polarization observations of 20 millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2011, 414, 2087-2100.	4.4	69
125	Pulsar timing analysis in the presence of correlated noise. Monthly Notices of the Royal Astronomical Society, 2011, 418, 561-570.	4.4	140
126	Rotation measure variations for 20 millisecond pulsars. Astrophysics and Space Science, 2011, 335, 485-498.	1.4	16

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127	Pulsars with the Australian Square Kilometre Array Pathfinder. , 2011, , .		0
128	Fermi Detection of a Luminous $\hat{\gamma}$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	12.6	65
129	HIGH-PRECISION TIMING OF FIVE MILLISECOND PULSARS: SPACE VELOCITIES, BINARY EVOLUTION, AND EQUIVALENCE PRINCIPLES. <i>Astrophysical Journal</i> , 2011, 743, 102.	4.5	90
130	Pulsar Timing with the Parkes Radio Telescope for the <i>Fermi</i> Mission. <i>Publications of the Astronomical Society of Australia</i> , 2010, 27, 64-75.	3.4	64
131	<code><scp>psrchive</scp></code> and <code><scp>psrfits</scp></code> : Definition of the Stokes Parameters and Instrumental Basis Conventions. <i>Publications of the Astronomical Society of Australia</i> , 2010, 27, 104-109.	3.4	105
132	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
133	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 708, 1426-1441.	4.5	56
134	A PRECISE MASS MEASUREMENT OF THE INTERMEDIATE-MASS BINARY PULSAR PSR J1802 $\hat{\alpha}$ 2124. <i>Astrophysical Journal</i> , 2010, 711, 764-771.	4.5	59
135	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057 $\hat{\alpha}$ 5226, J1709 $\hat{\alpha}$ 4429 AND J1952+3252. <i>Astrophysical Journal</i> , 2010, 720, 26-40.	4.5	24
136	DETECTION OF THE ENERGETIC PULSAR PSR B1509 $\hat{\alpha}$ 58 AND ITS PULSAR WIND NEBULA IN MSH 15 $\hat{\alpha}$ 52 USING THE <i>FERMI</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 714, 927-936.	4.5	72
137	OBSERVATIONS AND MODELING OF RELATIVISTIC SPIN PRECESSION IN PSR J1141 $\hat{\alpha}$ 6545. <i>Astrophysical Journal</i> , 2010, 710, 1694-1709.	4.5	54
138	MEASURING THE MASS OF SOLAR SYSTEM PLANETS USING PULSAR TIMING. <i>Astrophysical Journal Letters</i> , 2010, 720, L201-L205.	8.3	112
139	DISCOVERY OF PULSED $\hat{\gamma}$ -RAYS FROM PSR J0034 $\hat{\alpha}$ 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.	4.5	47
140	THE EVOLUTION OF PSR J0737 $\hat{\alpha}$ 3039B AND A MODEL FOR RELATIVISTIC SPIN PRECESSION. <i>Astrophysical Journal</i> , 2010, 721, 1193-1205.	4.5	66
141	A VERY LARGE GLITCH IN PSR B2334+61. <i>Astrophysical Journal Letters</i> , 2010, 719, L111-L115.	8.3	42
142	Observations of radio pulses from CU Virginis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 408, L99-L103.	3.3	20
143	29 glitches detected at Urumqi Observatory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	31
144	The sensitivity of the Parkes Pulsar Timing Array to individual sources of gravitational waves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 669-680.	4.4	89

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145	WIDE RADIO BEAMS FROM $\hat{\gamma}$ -RAY PULSARS. <i>Astrophysical Journal Letters</i> , 2010, 716, L85-L89.	8.3	42
146	MULTIFREQUENCY RADIO MEASUREMENTS OF SUPERNOVA 1987A OVER 22 YEARS. <i>Astrophysical Journal</i> , 2010, 710, 1515-1529.	4.5	57
147	Status update of the Parkes pulsar timing array. <i>Classical and Quantum Gravity</i> , 2010, 27, 084015.	4.0	26
148	HIGH RESOLUTION 36 GHz IMAGING OF THE SUPERNOVA REMNANT OF SN 1987A. <i>Astrophysical Journal</i> , 2009, 705, 261-271.	4.5	27
149	HIGH-RESOLUTION X-RAY IMAGING OF SUPERNOVA REMNANT 1987A. <i>Astrophysical Journal</i> , 2009, 706, L100-L105.	4.5	15
150	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	4.5	120
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