

George Hobbs

List of Publications by Year in descending order

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Version: 2024-02-01

194
papers

19,461
citations

14655

66
h-index

11308

136
g-index

196
all docs

196
docs citations

196
times ranked

7196
citing authors

#	ARTICLE	IF	CITATIONS
1	The International Pulsar Timing Array second data release: Search for an isotropic gravitational wave background. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4873-4887.	4.4	174
2	Physical publicly verifiable randomness from pulsars. Astronomy and Computing, 2022, 38, 100549.	1.7	3
3	High-precision search for dark photon dark matter with the Parkes Pulsar Timing Array. Physical Review Research, 2022, 4, .	3.6	16
4	Detection of strong scattering close to the eclipse region of PSR B1957+20. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1794-1800.	4.4	5
5	Consistency of the Parkes Pulsar Timing Array Signal with a Nanohertz Gravitational-wave Background. Astrophysical Journal Letters, 2022, 932, L22.	8.3	21
6	Wide Band RF ADC Conversion Artefacts and their Impact on Radio Astronomy. , 2022, , .		0
7	Identifying and mitigating noise sources in precision pulsar timing data sets. Monthly Notices of the Royal Astronomical Society, 2021, 502, 478-493.	4.4	47
8	A Single-pulse Study of PSR J1022+1001 Using the FAST Radio Telescope. Astrophysical Journal, 2021, 908, 105.	4.5	13
9	Tiny-scale Structure Discovered toward PSR B1557â€“50. Astrophysical Journal Letters, 2021, 911, L13.	8.3	1
10	81 New candidate fast radio bursts in Parkes archive. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3238-3245.	4.4	8
11	On the Evidence for a Common-spectrum Process in the Search for the Nanohertz Gravitational-wave Background with the Parkes Pulsar Timing Array. Astrophysical Journal Letters, 2021, 917, L19.	8.3	217
12	The Parkes pulsar timing array second data release: timing analysis. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2137-2153.	4.4	37
13	FAST early pulsar discoveries: Effelsberg follow-up. Monthly Notices of the Royal Astronomical Society, 2021, 508, 300-314.	4.4	17
14	Flux density variability of 286 radio pulsars from a decade of monitoring. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4490-4513.	4.4	14
15	A bimodal burst energy distribution of a repeating fast radio burst source. Nature, 2021, 598, 267-271.	27.8	129
16	On the Circular Polarization of Repeating Fast Radio Bursts. Astrophysical Journal, 2021, 920, 46.	4.5	9
17	Unusual Emission Variations Near the Eclipse of Black Widow Pulsar PSR J1720âˆ“0533. Astrophysical Journal Letters, 2021, 922, L13.	8.3	11
18	Constraining Cosmological Phase Transitions with the Parkes Pulsar Timing Array. Physical Review Letters, 2021, 127, 251303.	7.8	40

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19	Radio Observations of Two Intermittent Pulsars: PSRs J1832+0029 and J1841 $\hat{\sim}$ 0500. <i>Astrophysical Journal</i> , 2020, 897, 8.	4.5	10
20	Parkes Transient Events. I. Database of Single Pulses, Initial Results, and Missing Fast Radio Bursts. <i>Astrophysical Journal</i> , Supplement Series, 2020, 249, 14.	7.7	7
21	Pulsar timing array signals induced by black hole binaries in relativistic eccentric orbits. <i>Physical Review D</i> , 2020, 101, .	4.7	14
22	A Fast Radio Burst Discovered in FAST Drift Scan Survey. <i>Astrophysical Journal Letters</i> , 2020, 895, L6.	8.3	31
23	Results of 12 yr of Pulsar Timing at Nanshan. I.. <i>Astrophysical Journal</i> , 2020, 896, 140.	4.5	16
24	The Parkes Pulsar Timing Array project: second data release. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	107
25	An in-depth investigation of 11 pulsars discovered by FAST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3515-3530.	4.4	26
26	The FAST Discovery of an Eclipsing Binary Millisecond Pulsar in the Globular Cluster M92 (NGC $\hat{\sim}$ 6341). <i>Astrophysical Journal Letters</i> , 2020, 892, L6.	8.3	22
27	Probing the Emission States of PSR J1107 $\hat{\sim}$ 5907. <i>Astrophysical Journal</i> , 2020, 889, 6.	4.5	2
28	An ultra-wide bandwidth (704 to 4 $\hat{\sim}$ 032 $\hat{\sim}$ MHz) receiver for the Parkes radio telescope. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	113
29	A pulsar-based time-scale from the International Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5951-5965.	4.4	51
30	Applying saliency-map analysis in searches for pulsars and fast radio bursts. <i>Astronomy and Astrophysics</i> , 2020, 642, A26.	5.1	7
31	Searching for gravitational-wave bursts from cosmic string cusps with the Parkes Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 701-712.	4.4	14
32	Precision Orbital Dynamics from Interstellar Scintillation Arcs for PSR J0437 $\hat{\sim}$ 4715. <i>Astrophysical Journal</i> , 2020, 904, 104.	4.5	39
33	The Two Emission States of PSR B1534+12. <i>Astrophysical Journal Letters</i> , 2020, 902, L13.	8.3	9
34	Wideband Monitoring Observations of PSR J1803 $\hat{\sim}$ 3002A in the Globular Cluster NGC 6522. <i>Astrophysical Journal Letters</i> , 2020, 905, L8.	8.3	5
35	Flux density measurements for 32 pulsars in the 20 cm observing band. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 103.	1.7	6
36	Commensal discovery of four fast radio bursts during Parkes Pulsar Timing Array observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 868-875.	4.4	31

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37	The International Pulsar Timing Array: second data release. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4666-4687.	4.4	191
38	PSR J1926-0652: A Pulsar with Interesting Emission Properties Discovered at FAST. Astrophysical Journal, 2019, 877, 55.	4.5	28
39	Mode switching and oscillations in PSR B1828â€“11. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3230-3240.	4.4	23
40	A new fast radio burst in the data sets containing the Lorimer burst. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 484, L147-L150.	3.3	18
41	Modelling annual and orbital variations in the scintillation of the relativistic binary PSR J1141âˆ“6545. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4389-4403.	4.4	34
42	The first pulsar discovered by FAST. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	38
43	The role of FAST in pulsar timing arrays. Research in Astronomy and Astrophysics, 2019, 19, 020.	1.7	32
44	Wide Bandwidth Observations of Pulsars C, D, and J in 47 Tucanae. Astrophysical Journal Letters, 2019, 885, L37.	8.3	3
45	Serendipitous Discovery of PSR J1431-6328 as a Highly Polarized Point Source with the Australian SKA Pathfinder. Astrophysical Journal, 2019, 884, 96.	4.5	14
46	Polarimetry of the Eclipsing Pulsar PSR J1748â€“2446A. Astrophysical Journal, 2018, 867, 22.	4.5	11
47	Parkes Pulsar Timing Array constraints on ultralight scalar-field dark matter. Physical Review D, 2018, 98, .	4.7	72
48	Revival of the Magnetar PSR J1622â€“4950: Observations with MeerKAT, Parkes, XMM-Newton, Swift, Chandra, and NuSTAR. Astrophysical Journal, 2018, 856, 180.	4.5	108
49	Studying the Solar system with the International Pulsar Timing Array. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5501-5516.	4.4	36
50	Search for a radio pulsar in the remnant of supernova 1987A. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1836-1841.	4.4	11
51	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. Astrophysical Journal, 2017, 839, 12.	4.5	131
52	One Year of Monitoring the Vela Pulsar Using a Phased Array Feed. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	12
53	Observing Pulsars with a Phased Array Feed at the Parkes Telescope. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	9
54	Comparison of pulsar positions from timing and very long baseline astrometry. Monthly Notices of the Royal Astronomical Society, 2017, 469, 425-434.	4.4	20

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55	Wide-band profile domain pulsar timing analysis. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3706-3727.	4.4	18
56	Gravitational wave research using pulsar timing arrays. National Science Review, 2017, 4, 707-717.	9.5	40
57	Robust estimation of scattering in pulsar timing analysis. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1474-1485.	4.4	23
58	Correcting for the solar wind in pulsar timing observations: the role of simultaneous and low-frequency observations. Research in Astronomy and Astrophysics, 2017, 17, 103.	1.7	6
59	Prospects for discovering pulsars in future continuum surveys using variance imaging. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1458-1464.	4.4	13
60	Monitoring the Vela Pulsar with a Phased Array Feed (PAF) Receiver. Proceedings of the International Astronomical Union, 2017, 13, 408-409.	0.0	0
61	Magnetospheric Switching in PSR B1828-11. Proceedings of the International Astronomical Union, 2017, 13, 233-236.	0.0	0
62	Searching for pulsars in future radio continuum surveys. Proceedings of the International Astronomical Union, 2017, 13, 328-329.	0.0	0
63	Pulsars: Celestial Clocks. Thirty Years of Astronomical Discovery With UKIRT, 2017, , 253-265.	0.3	2
64	The International Pulsar Timing Array: First data release. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1267-1288.	4.4	332
65	THE DISTURBANCE OF A MILLISECOND PULSAR MAGNETOSPHERE. Astrophysical Journal Letters, 2016, 828, L1.	8.3	33
66	Detecting pulsars with interstellar scintillation in variance images. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3115-3122.	4.4	21
67	Gravitational-Wave Cosmology across 29 Decades in Frequency. Physical Review X, 2016, 6, .	8.9	113
68	Proper motions of 15 pulsars: a comparison between Bayesian and frequentist algorithms. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4011-4017.	4.4	12
69	Wide-bandwidth drift-scan pulsar surveys of globular clusters: application to early science observations with FAST. Research in Astronomy and Astrophysics, 2016, 16, 151.	1.7	6
70	Timing analysis for 20 millisecond pulsars in the Parkes Pulsar Timing Array. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1751-1769.	4.4	233
71	Periodic modulation in pulse arrival times from young pulsars: a renewed case for neutron star precession. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1845-1854.	4.4	40
72	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J1107-5907. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3948-3960.	4.4	23

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73	Characterizing the rotational irregularities of the Vela pulsar from 21Åyr of phase-coherent timing. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3104-3111.	4.4	23
74	Detection and localization of continuous gravitational waves with pulsar timing arrays: the role of pulsar terms. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1317-1327.	4.4	26
75	Versatile directional searches for gravitational waves with Pulsar Timing Arrays. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3662-3673.	4.4	17
76	Discovery of two new pulsars in 47ÅTucanae (NGC 104). Monthly Notices of the Royal Astronomical Society: Letters, 2016, 459, L26-L30.	3.3	38
77	A study of spatial correlations in pulsar timing array data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4339-4350.	4.4	80
78	From spin noise to systematics: stochastic processes in the first International Pulsar Timing Array data release. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2161-2187.	4.4	82
79	Radio detections of southern ultracool dwarfs. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1224-1232.	4.4	29
80	Pulsar timing noise and the minimum observation time to detect gravitational waves with pulsar timing arrays. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3293-3300.	4.4	11
81	LIMITS ON PLANET FORMATION AROUND YOUNG PULSARS AND IMPLICATIONS FOR SUPERNOVA FALLBACK DISKS. Astrophysical Journal Letters, 2015, 809, L11.	8.3	31
82	Gravitational wave astronomy: the current status. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1.	5.1	26
83	The Parkes multibeam pulsar survey â€“ VII. Timing of four millisecond pulsars and the underlying spin-period distribution of the Galactic millisecond pulsar population. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2185-2194.	4.4	35
84	Prospects for gravitational-wave detection and supermassive black hole astrophysics with pulsar timing arrays. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2772-2783.	4.4	56
85	Detection and localization of single-source gravitational waves with pulsar timing arrays. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1650-1663.	4.4	37
86	GRAVITATIONAL MICROLENSING BY NEUTRON STARS AND RADIO PULSARS: EVENT RATES, TIMESCALE DISTRIBUTIONS, AND MASS MEASUREMENTS. Astrophysical Journal, 2015, 802, 120.	4.5	8
87	Gravitational waves from binary supermassive black holes missing in pulsar observations. Science, 2015, 349, 1522-1525.	12.6	386
88	A study of multifrequency polarization pulse profiles of millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3223-3262.	4.4	109
89	PULSAR OBSERVATIONS OF EXTREME SCATTERING EVENTS. Astrophysical Journal, 2015, 808, 113.	4.5	75
90	Searching for gravitational wave memory bursts with the Parkes Pulsar Timing Array. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1657-1671.	4.4	79

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91	Gravitational Wave Astronomy with the SKA. , 2015, , .		174
92	THE PARKES PULSAR TIMING ARRAY PROJECT. Publications of the Korean Astronomical Society, 2015, 30, 577-581.	0.0	0
93	Binary supermassive black hole environments diminish the gravitational wave signal in the pulsar timing band. Monthly Notices of the Royal Astronomical Society, 2014, 442, 56-68.	4.4	70
94	An all-sky search for continuous gravitational waves in the Parkes Pulsar Timing Array data set. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3709-3720.	4.4	98
95	Limitations in timing precision due to single-pulse shape variability in millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1463-1481.	4.4	94
96	The three discrete nulling time-scales of PSR J1717~4054. Monthly Notices of the Royal Astronomical Society, 2014, 445, 320-329.	4.4	17
97	Timing, polarimetry and physics of the bright, nearby millisecond pulsar PSR J0437~4715 – a single-pulse perspective. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3148-3160.	4.4	29
98	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. Astrophysical Journal, 2014, 785, 119.	4.5	125
99	Interplanetary spacecraft navigation using pulsars. Advances in Space Research, 2013, 52, 1602-1621.	2.6	46
100	The Parkes Pulsar Timing Array Project. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	350
101	Detection of 107 glitches in 36 southern pulsars. Monthly Notices of the Royal Astronomical Society, 2013, 429, 688-724.	4.4	160
102	The Perseus Arm Pulsar Survey. Monthly Notices of the Royal Astronomical Society, 2013, 429, 579-588.	4.4	18
103	Measurement and correction of variations in interstellar dispersion in high-precision pulsar timing. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2161-2174.	4.4	174
104	The Parkes Pulsar Timing Array. Classical and Quantum Gravity, 2013, 30, 224007.	4.0	172
105	Gravitational-Wave Limits from Pulsar Timing Constrain Supermassive Black Hole Evolution. Science, 2013, 342, 334-337.	12.6	133
106	Developing a pulsar-based time standard. Proceedings of the International Astronomical Union, 2012, 10, 207-208.	0.0	3
107	DOES A “STOCHASTIC” BACKGROUND OF GRAVITATIONAL WAVES EXIST IN THE PULSAR TIMING BAND?. Astrophysical Journal, 2012, 761, 84.	4.5	67
108	Pulsar time scale and its future application. Proceedings of the International Astronomical Union, 2012, 8, 365-365.	0.0	0

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109	Search for the gravitational wave memory effect with the Parkes Pulsar Timing Array. Proceedings of the International Astronomical Union, 2012, 8, 543-545.	0.0	0
110	Pulsar Timing Arrays: Status and Techniques. Proceedings of the International Astronomical Union, 2012, 8, 165-170.	0.0	3
111	Timing the main-sequence-star binary pulsar J1740+3052. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2378-2385.	4.4	19
112	Development of a pulsar-based time-scale. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2780-2787.	4.4	163
113	Observations and modelling of pulsed radio emission from CU Virginis. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3316-3324.	4.4	23
114	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
115	Optimal interpolation and prediction in pulsar timing. Monthly Notices of the Royal Astronomical Society, 2012, 424, 244-251.	4.4	18
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	THE MAGNETOSPHERE OF THE ULTRACOOL DWARF DENIS 1048+3956. Astrophysical Journal Letters, 2011, 735, L2.	8.3	24
119	<i>FERMI</i>-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. Astrophysical Journal, 2011, 726, 35.	4.5	60
120	CONSTRAINING THE COALESCENCE RATE OF SUPERMASSIVE BLACK-HOLE BINARIES USING PULSAR TIMING. Astrophysical Journal, 2011, 730, 29.	4.5	26
121	OBSERVATIONS OF ENERGETIC HIGH MAGNETIC FIELD PULSARS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. Astrophysical Journal, 2011, 743, 170.	4.5	26
122	A 6.5-GHz multibeam pulsar survey. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1575-1584.	4.4	42
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	Are the infrared-faint radio sources pulsars?. Monthly Notices of the Royal Astronomical Society, 2011, 415, 845-848.	4.4	3
126	Pulsar timing analysis in the presence of correlated noise. Monthly Notices of the Royal Astronomical Society, 2011, 418, 561-570.	4.4	140

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127	High signal-to-noise ratio observations and the ultimate limits of precision pulsar timing. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1258-1271.	4.4	75
128	Rotation measure variations for 20 millisecond pulsars. Astrophysics and Space Science, 2011, 335, 485-498.	1.4	16
129	Pulsars with the Australian Square Kilometre Array Pathfinder. , 2011, , .		0
130	HIGH-PRECISION TIMING OF FIVE MILLISECOND PULSARS: SPACE VELOCITIES, BINARY EVOLUTION, AND EQUIVALENCE PRINCIPLES. Astrophysical Journal, 2011, 743, 102.	4.5	90
131	Pulsar Timing with the Parkes Radio Telescope for the <i>Fermi</i> Mission. Publications of the Astronomical Society of Australia, 2010, 27, 64-75.	3.4	64
132	A PRECISE MASS MEASUREMENT OF THE INTERMEDIATE-MASS BINARY PULSAR PSR J1802 â€“ 2124. Astrophysical Journal, 2010, 711, 764-771.	4.5	59
133	DETECTION OF THE ENERGETIC PULSAR PSR B1509â€“58 AND ITS PULSAR WIND NEBULA IN MSH 15â€“52 USING THE <i>FERMI</i>-LARGE AREA TELESCOPE. Astrophysical Journal, 2010, 714, 927-936.	4.5	72
134	OBSERVATIONS AND MODELING OF RELATIVISTIC SPIN PRECESSION IN PSR J1141â€“6545. Astrophysical Journal, 2010, 710, 1694-1709.	4.5	54
135	MEASURING THE MASS OF SOLAR SYSTEM PLANETS USING PULSAR TIMING. Astrophysical Journal Letters, 2010, 720, L201-L205.	8.3	112
136	DISCOVERY OF PULSED $\hat{\nu}$ -RAYS FROM PSR J0034â€“0534 WITH THE <i>FERMI</i>-LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND $\hat{\nu}$ -RAY EMISSION REGIONS. Astrophysical Journal, 2010, 712, 957-963.	4.5	47
137	SCATTERING OF PULSAR RADIO EMISSION BY THE INTERSTELLAR PLASMA. Astrophysical Journal, 2010, 717, 1206-1221.	4.5	54
138	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OF <i>FERMI</i>-LAT OBSERVATIONS. Astrophysical Journal, 2010, 713, 154-165.	4.5	96
139	Observations of radio pulses from CU Virginis. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 408, L99-L103.	3.3	20
140	An analysis of the timing irregularities for 366 pulsars. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1027-1048.	4.4	258
141	The sensitivity of the Parkes Pulsar Timing Array to individual sources of gravitational waves. Monthly Notices of the Royal Astronomical Society, 2010, 407, 669-680.	4.4	89
142	WIDE RADIO BEAMS FROM $\hat{\nu}$ -RAY PULSARS. Astrophysical Journal Letters, 2010, 716, L85-L89.	8.3	42
143	Switched Magnetospheric Regulation of Pulsar Spin-Down. Science, 2010, 329, 408-412.	12.6	405
144	The International Pulsar Timing Array project: using pulsars as a gravitational wave detector. Classical and Quantum Gravity, 2010, 27, 084013.	4.0	494

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145	Status update of the Parkes pulsar timing array. <i>Classical and Quantum Gravity</i> , 2010, 27, 084015.	4.0	26
146	DISCOVERY OF PULSED $\hat{\beta}$ -RAYS FROM THE YOUNG RADIO PULSAR PSR J1028â€“5819 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 695, L72-L77.	4.5	31
147	DISCOVERY OF PULSATONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE <i>FERMI GAMMA-RAY SPACE TELESCOPE</i>. <i>Astrophysical Journal</i> , 2009, 699, L102-L107.	4.5	34
148	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	4.5	120
149	HIGH-RESOLUTION TIMING OBSERVATIONS OF SPIN-POWERED PULSARS WITH THE <i>AGILE</i> GAMMA-RAY TELESCOPE. <i>Astrophysical Journal</i> , 2009, 691, 1618-1633.	4.5	43
150	<i>FERMI</i>LARGE AREA TELESCOPE DETECTION OF PULSED $\hat{\beta}$ -RAYS FROM THE VELA-LIKE PULSARS PSR J1048â€“5832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , 2009, 706, 1331-1340.	4.5	41
151	tempo2: a new pulsar timing package - III. Gravitational wave simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 1945-1955.	4.4	62
152	Timing stability of millisecond pulsars and prospects for gravitational-wave detection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 951-968.	4.4	178
153	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	12.6	190
154	Gravitational-Wave Detection Using Pulsars: Status of the Parkes Pulsar Timing Array Project. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 103-109.	3.4	79
155	The PULSE@Parkes Project: a New Observing Technique for Long-Term Pulsar Monitoring. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 468-475.	3.4	21
156	Science with ASKAP. <i>Experimental Astronomy</i> , 2008, 22, 151-273.	3.7	332
157	Observations of six glitches in PSR B1737âˆ²30. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 1063-1068.	4.4	22
158	Gravitational wave detection using high precision pulsar observations. <i>Classical and Quantum Gravity</i> , 2008, 25, 114032.	4.0	18
159	Precision Timing of PSR J0437âˆ²4715: An Accurate Pulsar Distance, a High Pulsar Mass, and a Limit on the Variation of Newtonâ€™s Gravitational Constant. <i>Astrophysical Journal</i> , 2008, 679, 675-680.	4.5	229
160	Pulsar timing for the <i>Fermi</i> gamma-ray space telescope. <i>Astronomy and Astrophysics</i> , 2008, 492, 923-931.	5.1	81
161	Science with the Australian Square Kilometre Array Pathfinder. <i>Publications of the Astronomical Society of Australia</i> , 2007, 24, 174-188.	3.4	231
162	An Improved Solar Wind Electron Density Model for Pulsar Timing. <i>Astrophysical Journal</i> , 2007, 671, 907-911.	4.5	65

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