

Simon Johnston

List of Publications by Year in descending order

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Version: 2024-02-01

358
papers

21,254
citations

7096

78
h-index

16183

124
g-index

364
all docs

364
docs citations

364
times ranked

6853
citing authors

#	ARTICLE	IF	CITATIONS
1	A Population of Fast Radio Bursts at Cosmological Distances. <i>Science</i> , 2013, 341, 53-56.	12.6	803
2	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
3	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
4	Science with ASKAP. <i>Experimental Astronomy</i> , 2008, 22, 151-273.	3.7	332
5	A radio pulsar with an 8.5-second period that challenges emission models. <i>Nature</i> , 1999, 400, 848-849.	27.8	330
6	The Australia Telescope Compact Array Broad-band Backend: description and first results.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 832-856.	4.4	319
7	Discovery of the binary pulsar PSR B1259-63 in very-high-energy gamma rays around periastron with HESS. <i>Astronomy and Astrophysics</i> , 2005, 442, 1-10.	5.1	285
8	The High Time Resolution Universe Pulsar Survey - I. System configuration and initial discoveries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 619-627.	4.4	281
9	PSR 1259-63 - A binary radio pulsar with a Be star companion. <i>Astrophysical Journal</i> , 1992, 387, L37.	4.5	278
10	The host galaxy of a fast radio burst. <i>Nature</i> , 2016, 530, 453-456.	27.8	241
11	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. <i>Astrophysical Journal</i> , 2010, 708, 1254-1267.	4.5	237
12	A real-time fast radio burst: polarization detection and multiwavelength follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 246-255.	4.4	236
13	Science with the Australian Square Kilometre Array Pathfinder. <i>Publications of the Astronomical Society of Australia</i> , 2007, 24, 174-188.	3.4	231
14	Five new fast radio bursts from the HTRU high-latitude survey at Parkes: first evidence for two-component bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 460, L30-L34.	3.3	222
15	Pulsar nulling and mode changing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1383-1392.	4.4	215
16	Australian SKA Pathfinder: A High-Dynamic Range Wide-Field of View Survey Telescope. <i>Proceedings of the IEEE</i> , 2009, 97, 1507-1521.	21.3	212
17	PRECISE $\hat{\gamma}$ -RAY TIMING AND RADIO OBSERVATIONS OF 17 <i>FERMI</i> $\hat{\gamma}$ -RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 17.	7.7	195
18	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	12.6	190

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19	Evidence for alignment of the rotation and velocity vectors in pulsars. Monthly Notices of the Royal Astronomical Society, 2005, 364, 1397-1412.	4.4	188
20	A high-frequency survey of the southern Galactic plane for pulsars. Monthly Notices of the Royal Astronomical Society, 1992, 255, 401-411.	4.4	185
21	The parkes Southern pulsar Survey – I. Observing and data analysis systems and initial results. Monthly Notices of the Royal Astronomical Society, 1996, 279, 1235-1250.	4.4	173
22	The magnetic field and turbulence of the cosmic web measured using a brilliant fast radio burst. Science, 2016, 354, 1249-1252.	12.6	167
23	AN ATLAS FOR INTERPRETING $\hat{\gamma}$ -RAY PULSAR LIGHT CURVES. Astrophysical Journal, 2009, 695, 1289-1301.	4.5	164
24	Detection of 107 glitches in 36 southern pulsars. Monthly Notices of the Royal Astronomical Society, 2013, 429, 688-724.	4.4	160
25	The Parkes Southern Pulsar Survey – II. Final results and population analysis. Monthly Notices of the Royal Astronomical Society, 1998, 295, 743-755.	4.4	159
26	The SURvey for Pulsars and Extragalactic Radio Bursts – II. New FRB discoveries and their follow-up. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1427-1446.	4.4	156
27	A RADIO-LOUD MAGNETAR IN X-RAY QUIESCENCE. Astrophysical Journal Letters, 2010, 721, L33-L37.	8.3	153
28	Strong-field tests of gravity using pulsars and black holes. New Astronomy Reviews, 2004, 48, 993-1002.	12.8	152
29	Transformation of a Star into a Planet in a Millisecond Pulsar Binary. Science, 2011, 333, 1717-1720.	12.6	152
30	The glitch-induced identity changes of PSR J1119 $\hat{\sim}$ 6127. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1917-1934.	4.4	150
31	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	142
32	Discovery of a very bright, nearby binary millisecond pulsar. Nature, 1993, 361, 613-615.	27.8	135
33	Spectral properties of 441 radio pulsars. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4436-4458.	4.4	135
34	THREE MILLISECOND PULSARS IN <i>FERMI</i> LAT UNASSOCIATED BRIGHT SOURCES. Astrophysical Journal Letters, 2011, 727, L16.	8.3	133
35	The Detection of an Extremely Bright Fast Radio Burst in a Phased Array Feed Survey. Astrophysical Journal Letters, 2017, 841, L12.	8.3	133
36	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259 $\hat{\sim}$ 63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i> . Astrophysical Journal Letters, 2011, 736, L11.	8.3	130

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37	Australian square kilometre array pathfinder: I. system description. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	128
38	EIGHT $\hat{\Gamma}^3$ -RAY PULSARS DISCOVERED IN BLIND FREQUENCY SEARCHES OF <i>FERMI</i> /LAT DATA. Astrophysical Journal, 2010, 725, 571-584.	4.5	124
39	<i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. Astrophysical Journal, 2009, 696, 1084-1093.	4.5	120
40	On the spin-down of PSR B1509-58. Astrophysical Journal, 1994, 422, L83.	4.5	118
41	Profile and polarization characteristics of energetic pulsars. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1210-1226.	4.4	115
42	Probing the Eclipse Region of a Binary Millisecond Pulsar. Astrophysical Journal, 1996, 465, L119-L122.	4.5	114
43	Radio and optical observations of the PSR B1259-63/SS 2883 Be star binary system. Monthly Notices of the Royal Astronomical Society, 1994, 268, 430-436.	4.4	113
44	An ultra-wide bandwidth (704 to 4032 MHz) receiver for the Parkes radio telescope. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	113
45	An eclipsing millisecond pulsar in the globular cluster Terzan 5. Nature, 1990, 347, 650-652.	27.8	110
46	A study of multifrequency polarization pulse profiles of millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3223-3262.	4.4	109
47	Revival of the Magnetar PSR J1622-4950: Observations with MeerKAT, Parkes, XMM-Newton, Swift, Chandra, and NuSTAR. Astrophysical Journal, 2018, 856, 180.	4.5	108
48	The MeerKAT telescope as a pulsar facility: System verification and early science results from MeerTime. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	108
49	Giant Pulses from the Millisecond Pulsar B1821-24. Astrophysical Journal, 2001, 557, L93-L96.	4.5	107
50	RADIO DETECTION OF LAT PSRs J1741-2054 AND J2032+4127: NO LONGER JUST GAMMA-RAY PULSARS. Astrophysical Journal, 2009, 705, 1-13.	4.5	107
51	Radio observations of PSR B1259-63 through the 2004 periastron passage. Monthly Notices of the Royal Astronomical Society, 2005, 358, 1069-1075.	4.4	106
52	<code><sc>psrchive</sc></code> and <code><sc>psrfits</sc></code> : Definition of the Stokes Parameters and Instrumental Basis Conventions. Publications of the Astronomical Society of Australia, 2010, 27, 104-109.	3.4	105
53	PSR J1841-0500: A RADIO PULSAR THAT MOSTLY IS NOT THERE. Astrophysical Journal, 2012, 746, 63.	4.5	105
54	Pulsar braking and the \dot{P} diagram. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3493-3499.	4.4	102

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55	Radio properties of the magnetar near Sagittarius A* from observations with the Australia Telescope Compact Array. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 435, L29-L32.	3.3	101
56	Giant Pulses from PSR B0540-69 in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2003, 590, L95-L98.	4.5	100
57	The Magnetar 1E 1547.0-5408: Radio Spectrum, Polarimetry, and Timing. <i>Astrophysical Journal</i> , 2008, 679, 681-686.	4.5	100
58	New pulsar rotation measures and the Galactic magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1881-1896.	4.4	99
59	SNR G320.4-01.2 and PSR B1509-58: new radio observations of a complex interacting system. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 305, 724-736.	4.4	98
60	Scintillation parameters for 49 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 297, 108-116.	4.4	97
61	Pulsars as tools for fundamental physics & astrophysics. <i>New Astronomy Reviews</i> , 2004, 48, 1413-1438.	12.8	97
62	The Commensal Real-Time ASKAP Fast-Transients (CRAFT) Survey. <i>Publications of the Astronomical Society of Australia</i> , 2010, 27, 272-282.	3.4	93
63	A massive radio pulsar binary in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 1994, 423, L43.	4.5	92
64	The Australian Square Kilometre Array Pathfinder: System Architecture and Specifications of the Boolardy Engineering Test Array. <i>Publications of the Astronomical Society of Australia</i> , 2014, 31, .	3.4	91
65	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.	4.4	91
66	XMM-Newton observations of PSR B1259-63 near the 2004 periastron passage. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1201-1208.	4.4	89
67	VAST: An ASKAP Survey for Variables and Slow Transients. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	88
68	High Time Resolution Observations of the Vela Pulsar. <i>Astrophysical Journal</i> , 2001, 549, L101-L104.	4.5	86
69	Pulsar spin-velocity alignment: kinematic ages, birth periods and braking indices. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2281-2301.	4.4	86
70	Discovery of Four Isolated Millisecond Pulsars. <i>Astrophysical Journal</i> , 1997, 481, 386-391.	4.5	85
71	Pulsar braking indices revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, L50-L54.	4.4	84
72	High-resolution single-pulse studies of the Vela pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 334, 523-532.	4.4	82

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73	The SURvey for Pulsars and Extragalactic Radio Bursts â€” I. Survey description and overview. Monthly Notices of the Royal Astronomical Society, 2018, 473, 116-135.	4.4	82
74	Pulsar timing for the Fermi gamma-ray space telescope. Astronomy and Astrophysics, 2008, 492, 923-931.	5.1	81
75	An empirical model for the beams of radio pulsars. Monthly Notices of the Royal Astronomical Society, 2007, 380, 1678-1684.	4.4	80
76	Stellar wind and stellar disc models of dispersion and rotation measure variations in the PSR B1259 â€” 63/SS2883 binary system. Monthly Notices of the Royal Astronomical Society, 1995, 275, 381-397.	4.4	79
77	Radio emission evolution, polarimetry and multifrequency single pulse analysis of the radio magnetar PSR J1622âˆ”4950. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2489-2500.	4.4	79
78	The High Time Resolution Universe Pulsar Survey â€” XIII. PSR J1757âˆ”1854, the most accelerated binary pulsar. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 475, L57-L61.	3.3	79
79	Profile morphology and polarization of young pulsars. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1856-1870.	4.4	78
80	Radio observations of PSR B1259 – 63 around periastron. Monthly Notices of the Royal Astronomical Society, 1996, 279, 1026-1036.	4.4	77
81	Discovery of millisecond pulsars in radio searches of southern Fermi Large Area Telescope sources. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1292-1300.	4.4	77
82	The High Time Resolution Universe Pulsar Survey - V. Single-pulse energetics and modulation properties of 315 pulsars. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1351-1367.	4.4	77
83	PARKES RADIO SEARCHES OF FERMI GAMMA-RAY SOURCES AND MILLISECOND PULSAR DISCOVERIES. Astrophysical Journal, 2015, 810, 85.	4.5	76
84	Discovery of three binary millisecond pulsars. Astrophysical Journal, 1994, 425, L41.	4.5	75
85	The High Time Resolution Universe Pulsar Survey - III. Single-pulse searches and preliminary analysis. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2465-2476.	4.4	73
86	DETECTION OF THE ENERGETIC PULSAR PSR B1509â€”58 AND ITS PULSAR WIND NEBULA IN MSH 15â€”52 USING THE FERMI-LARGE AREA TELESCOPE. Astrophysical Journal, 2010, 714, 927-936.	4.5	72
87	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. Astrophysical Journal, 2010, 711, 64-74.	4.5	72
88	A survey of FRB fields: limits on repeatability. Monthly Notices of the Royal Astronomical Society, 2015, 454, 457-462.	4.4	71
89	Identifying the source of perytons at the Parkes radio telescope. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3933-3940.	4.4	70
90	Limits on Fast Radio Bursts and other transient sources at 182 MHz using the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3506-3522.	4.4	70

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91	The High Time Resolution Universe Pulsar Survey â€” VI. An artificial neural network and timing of 75 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1052-1065.	4.4	69
92	EGRET high-energy gamma-ray pulsar studies. 1: Young spin-powered pulsars. <i>Astrophysical Journal</i> , 1994, 436, 229.	4.5	69
93	Four new millisecond pulsars in the galactic disk. <i>Astrophysical Journal</i> , 1995, 439, 933.	4.5	68
94	The population of pulsars with interpulses and the implications for beam evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 1755-1760.	4.4	67
95	A Search for Radio Pulsars in Southern Supernova Remnants. <i>Astronomical Journal</i> , 1996, 111, 2028.	4.7	67
96	DISCOVERY OF TWO MILLISECOND PULSARS IN <i>FERMI</i> SOURCES WITH THE NANÃ†AY RADIO TELESCOPE. <i>Astrophysical Journal</i> , 2011, 732, 47.	4.5	66
97	Evidence for alignment of the rotation and velocity vectors in pulsars - II. Further data and emission heights. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 1625-1637.	4.4	65
98	Fermi Detection of a Luminous Î³-Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	12.6	65
99	PULSED GAMMA RAYS FROM THE ORIGINAL MILLISECOND AND BLACK WIDOW PULSARS: A CASE FOR CAUSTIC RADIO EMISSION?. <i>Astrophysical Journal</i> , 2012, 744, 33.	4.5	65
100	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
101	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 713, 146-153.	4.5	64
102	The High Time Resolution Universe Pulsar Survey â€” VIII. The Galactic millisecond pulsar population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1387-1397.	4.4	64
103	Timing of young radio pulsars â€” I. Timing noise, periodic modulation, and proper motion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3810-3826.	4.4	63
104	The implications of radio-quiet neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 305, 671-679.	4.4	62
105	Polarized Radio Emission from the Magnetar XTE J1810-197. <i>Astrophysical Journal</i> , 2007, 659, L37-L40.	4.5	61
106	Discovery of Hâ€‰%oi gas in a young radio galaxy at z = 0.44 using the Australian Square Kilometre Array Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1249-1267.	4.4	61
107	Polarization properties of two pulsars. <i>Astrophysical Journal</i> , 1995, 441, L65.	4.5	61
108	Pulsed high-energy Î³-rays from the radio pulsar PSR1706â€”44. <i>Nature</i> , 1992, 359, 615-616.	27.8	60

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109	Discovery of two pulsars towards the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2006, 373, L6-L10.	3.3	60
110	<i>FERMI</i>-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2011, 726, 35.	4.5	60
111	Transient radio emission from the PSR B1259-63 system near periastron. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 302, 277-287.	4.4	59
112	Simultaneous single-pulse observations of radio pulsars. <i>Astronomy and Astrophysics</i> , 2003, 407, 655-668.	5.1	59
113	A connection between radio state changing and glitch activity in PSR J0742âˆ²2822. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3080-3084.	4.4	59
114	The High Time Resolution Universe Pulsar Survey â€“ XII. Galactic plane acceleration search and the discovery of 60 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2922-2947.	4.4	58
115	Limits on radio emission from pulsar wind nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 318, 58-66.	4.4	57
116	Intrinsic Variability of the Vela Pulsar: Lognormal Statistics and Theoretical Implications. <i>Astrophysical Journal</i> , 2001, 563, L65-L68.	4.5	56
117	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
118	The kinematics and orbital dynamics of the PSR B1259âˆ²63/LS 2883 system from 23â€‰yr of pulsar timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3255-3264.	4.4	56
119	AN ABSENCE OF FAST RADIO BURSTS AT INTERMEDIATE GALACTIC LATITUDES. <i>Astrophysical Journal Letters</i> , 2014, 789, L26.	8.3	56
120	Radio detection of PSR B0540-69. <i>Astrophysical Journal</i> , 1993, 403, L29.	4.5	56
121	A young, glitching pulsar near the direction of W28. <i>Astrophysical Journal</i> , 1993, 409, L57.	4.5	56
122	Pulsed high-energy gamma rays from PSR 1055-52. <i>Astrophysical Journal</i> , 1993, 413, L27.	4.5	56
123	A search for giant pulses in Vela-like pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 109-115.	4.4	54
124	Multifrequency integrated profiles of pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 261-274.	4.4	54
125	Multiwavelength observations of the binary system PSR B1259âˆ²63/LS 2883 around the 2010â€“2011 periastron passage. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 432-445.	4.4	54
126	ASKAP H&#oi imaging of the galaxy group IC 1459. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2680-2691.	4.4	54

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127	13 years of timing of PSR B1259-63. Monthly Notices of the Royal Astronomical Society, 2004, 351, 599-606.	4.4	53
128	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
129	MULTI-WAVELENGTH OBSERVATIONS OF THE RADIO MAGNETAR PSR J1622-4950 AND DISCOVERY OF ITS POSSIBLY ASSOCIATED SUPERNOVA REMNANT. Astrophysical Journal, 2012, 751, 53.	4.5	53
130	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
131	BROADBAND PULSATIONS FROM PSR B1821-24: IMPLICATIONS FOR EMISSION MODELS AND THE PULSAR POPULATION OF M28. Astrophysical Journal, 2013, 778, 106.	4.5	53
132	On the detectability of extragalactic fast radio transients. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 436, L5-L9.	3.3	53
133	Real-time detection of an extreme scattering event: Constraints on Galactic plasma lenses. Science, 2016, 351, 354-356.	12.6	53
134	Six millisecond pulsars detected by the Fermi Large Area Telescope and the radio/gamma-ray connection of millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2013, 430, 571-587.	4.4	52
135	The High Time Resolution Universe pulsar survey - X. Discovery of four millisecond pulsars and updated timing solutions of a further 12. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1865-1883.	4.4	50
136	TIMING GAMMA-RAY PULSARS WITH THE <i>FERMI</i> -LARGE AREA TELESCOPE: TIMING NOISE AND ASTROMETRY. Astrophysical Journal, 2015, 814, 128.	4.5	50
137	EGRET Observations of High-Energy Gamma Radiation from PSR B1706-44. Astrophysical Journal, 1996, 465, 385.	4.5	50
138	DISCOVERY OF NEW GAMMA-RAY PULSARS WITH <i>AGILE</i> . Astrophysical Journal, 2009, 695, L115-L119.	4.5	49
139	DETECTION OF THE PULSAR WIND NEBULA HESS J1825-137 WITH THE <i>FERMI</i> -LARGE AREA TELESCOPE. Astrophysical Journal, 2011, 738, 42.	4.5	49
140	DISCOVERY OF EXTENDED AND VARIABLE RADIO STRUCTURE FROM THE GAMMA-RAY BINARY SYSTEM PSR B1259-63/LS 2883. Astrophysical Journal Letters, 2011, 732, L10.	8.3	48
141	The Survey for Pulsars and Extragalactic Radio Bursts - III. Polarization properties of FRBs 160102 and 151230. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2046-2055.	4.4	48
142	H I line measurements of eight southern pulsars. Astrophysical Journal, 1995, 441, 756.	4.5	48
143	Millisecond pulsars in the globular cluster 47 Tucanae. Monthly Notices of the Royal Astronomical Society, 1995, 274, 547-554.	4.4	47
144	The pulsar/supernova remnant connection. Monthly Notices of the Royal Astronomical Society, 1995, 277, 1243-1253.	4.4	47

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145	The "Rabbit" A Potential Radio Counterpart of GeV J1417+6100. <i>Astrophysical Journal</i> , 1999, 515, 712-720.	4.5	47
146	The 2000 periastron passage of PSR B1259-63. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 1201-1208.	4.4	47
147	DISCOVERY OF PULSED $\hat{3}$ -RAYS FROM PSR J0034+0534 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND $\hat{3}$ -RAY EMISSION REGIONS. <i>Astrophysical Journal</i> , 2010, 712, 957-963.	4.5	47
148	RADIO DISAPPEARANCE OF THE MAGNETAR XTE J1810+197 AND CONTINUED X-RAY TIMING. <i>Astrophysical Journal</i> , 2016, 820, 110.	4.5	47
149	Multiwavelength Studies of PSR J1420+6048, a Young Pulsar in the Kookaburra. <i>Astrophysical Journal</i> , 2001, 561, L187-L190.	4.5	46
150	Absolute polarization position angle profiles of southern pulsars at 1.4 and 3.1 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 353-366.	4.4	46
151	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
152	Searching a Thousand Radio Pulsars for Gamma-Ray Emission. <i>Astrophysical Journal</i> , 2019, 871, 78.	4.5	46
153	The UTMOST pulsar timing programme II. Timing noise across the pulsar population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 228-245.	4.4	46
154	Discovery of four binary millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 283, 1383-1387.	4.4	45
155	RADIO DETECTION OF THE <i>FERMI</i> -LAT BLIND SEARCH MILLISECOND PULSAR J1311+3430. <i>Astrophysical Journal Letters</i> , 2013, 763, L13.	8.3	45
156	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.	4.4	45
157	On the paucity of fast radio bursts at low Galactic latitudes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3278-3286.	4.4	45
158	A polarized fast radio burst at low Galactic latitude. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	45
159	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
160	Constraints on viewing geometries from radio observations of $\hat{3}$ -ray-loud pulsars using a novel method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 3367-3388.	4.4	44
161	Single Dish Polarisation Calibration. <i>Publications of the Astronomical Society of Australia</i> , 2002, 19, 277-281.	3.4	43
162	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

#	ARTICLE	IF	CITATIONS
163	The High Time Resolution Universe Pulsar Survey - IV. Discovery and polarimetry of millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 1752-1765.	4.4	43
164	Observations of the neutral hydrogen surrounding the radio-quiet neutron star RX J0822-4300 in Puppis A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 345, 671-677.	4.4	42
165	A 6.5-GHz multibeam pulsar survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 1575-1584.	4.4	42
166	Dispersion measure variations in a sample of 168 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1610-1617.	4.4	42
167	Wideband Polarized Radio Emission from the Newly Revived Magnetar XTE J1810-197. <i>Astrophysical Journal Letters</i> , 2019, 874, L14.	8.3	42
168	EGRET High-Energy gamma -Ray Pulsar Studies. II. Individual Millisecond Pulsars. <i>Astrophysical Journal</i> , 1995, 447, 807.	4.5	42
169	<i>FERMI</i> LARGE AREA TELESCOPE DETECTION OF PULSED $\hat{\nu}^3$ -RAYS FROM THE VELA-LIKE PULSARS PSR J1048+5832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , 2009, 706, 1331-1340.	4.5	41
170	The High Time Resolution Universe Pulsar Survey - II. Discovery of five millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 2455-2464.	4.4	41
171	Emission-rotation correlation in pulsars: new discoveries with optimal techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1374-1393.	4.4	41
172	The inner scale of the plasma turbulence towards PSR J1644+4559. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 1391-1402.	4.4	40
173	Pulsar spin-velocity alignment: further results and discussion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2736-2752.	4.4	40
174	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.	4.4	40
175	Intrinsic variability and field statistics for pulsars B1641-45 and B0950+08. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 353, 270-286.	4.4	39
176	Long-term scintillation observations of five pulsars at 1540 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 270-282.	4.4	39
177	Simultaneous single-pulse observations of radio pulsars. <i>Astronomy and Astrophysics</i> , 2002, 391, 247-251.	5.1	39
178	EGRET High-Energy Gamma-Ray Pulsar Studies. III. A Survey. <i>Astrophysical Journal</i> , 1996, 465, 898.	4.5	39
179	On the difference between $\hat{\nu}^3$ -ray-detected and non- $\hat{\nu}^3$ -ray-detected pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2018-2026.	4.4	38
180	The High Time Resolution Universe survey - XIV. Discovery of 23 pulsars through GPU-accelerated reprocessing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3673-3685.	4.4	38

#	ARTICLE	IF	CITATIONS
181	A 5.75-millisecond pulsar in the globular cluster 47 Tucanae. <i>Nature</i> , 1990, 345, 598-600.	27.8	37
182	High-frequency observations of southern pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 1916-1928.	4.4	37
183	EVIDENCE OF AN ASTEROID ENCOUNTERING A PULSAR. <i>Astrophysical Journal Letters</i> , 2014, 780, L31.	8.3	37
184	Discovery of PSR J0108-1431: The closest known neutron star?. <i>Astrophysical Journal</i> , 1994, 428, L53.	4.5	37
185	Timing models for the long orbital period binary pulsar PSR B1259-63. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 997-1004.	4.4	36
186	Gamma-Ray and Radio Observations of PSR B1509-58. <i>Astrophysical Journal</i> , 1993, 417, 738.	4.5	36
187	Detection of X-ray emission from the PSR 1259-63/SS 2883 binary system. <i>Astrophysical Journal</i> , 1994, 427, 978.	4.5	36
188	PSR 1758 +24 and G5.4 +1.2, a remarkable pulsar-supernova remnant association. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 253, 7P-10P.	4.4	35
189	Polarization profiles of southern pulsars at 3.1 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 481-492.	4.4	35
190	RADIO POLARIZATION OBSERVATIONS OF G319.9+0.7: A BOW-SHOCK NEBULA WITH AN AZIMUTHAL MAGNETIC FIELD POWERED BY PULSAR J1509+5850. <i>Astrophysical Journal</i> , 2010, 712, 596-603.	4.5	35
191	Time-domain and spectral properties of pulsars at 154 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 908-921.	4.4	35
192	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE FERMI GAMMA-RAY SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2009, 699, L102-L107.	4.5	34
193	The geometric distance and binary orbit of PSR B1259+63. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4849-4860.	4.4	34
194	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
195	Influence of the Neutron Star 1E 161348+5055 in RCW 103 on the Surrounding Medium. <i>Publications of the Astronomical Society of Australia</i> , 2004, 21, 82-88.	3.4	33
196	Phase-resolved Faraday rotation in pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1559-1572.	4.4	33
197	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.	4.4	33
198	Spectropolarimetric Properties of Swift J1818.0+1607: A 1.4 s Radio Magnetar. <i>Astrophysical Journal Letters</i> , 2020, 896, L37.	8.3	33

#	ARTICLE	IF	CITATIONS
199	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
200	Simultaneous single-pulse observations of radio pulsars. Astronomy and Astrophysics, 2007, 462, 257-268.	5.1	33
201	Period evolution of PSR B1259-63: Evidence for propeller-torque spindown. Astrophysical Journal, 1995, 445, L137.	4.5	33
202	Radio and X-ray observations of PSR B0540-69. Monthly Notices of the Royal Astronomical Society, 2004, 355, 31-36.	4.4	32
203	First ground-based measurement of sub-20 GeV to 100 GeV γ -Rays from the Vela pulsar with H.E.S.S. II. Astronomy and Astrophysics, 2018, 620, A66.	5.1	32
204	Extreme scattering events towards two young pulsars. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4637-4647.	4.4	32
205	Evidence for a deficit of pulsars in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 1994, 268, 595-601.	4.4	31
206	The case for associations between old pulsars and supernova remnants. Monthly Notices of the Royal Astronomical Society, 1995, 275, L73-L75.	4.4	31
207	DISCOVERY OF PULSED γ -RAYS FROM THE YOUNG RADIO PULSAR PSR J1028+5819 WITH THE γ -FERMI LARGE AREA TELESCOPE. Astrophysical Journal, 2009, 695, L72-L77.	4.5	31
208	LIMITS ON PLANET FORMATION AROUND YOUNG PULSARS AND IMPLICATIONS FOR SUPERNOVA FALLBACK DISKS. Astrophysical Journal Letters, 2015, 809, L11.	8.3	31
209	Extreme Radio-wave Scattering Associated with Hot Stars. Astrophysical Journal, 2017, 843, 15.	4.5	31
210	H I observations of the new Sagittarius dwarf. Monthly Notices of the Royal Astronomical Society, 1994, 270, L43-L45.	4.4	30
211	A high-frequency search for radio pulsars in three EGRET error boxes. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1881-1884.	4.4	30
212	High-precision geometry of a double-pole pulsar. Monthly Notices of the Royal Astronomical Society, 2008, 390, 87-92.	4.4	30
213	A transient component in the pulse profile of PSR J0738+4042. Monthly Notices of the Royal Astronomical Society, 2011, 415, 251-256.	4.4	30
214	Investigating the magnetic inclination angle distribution of γ -ray-loud radio pulsars. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3356-3366.	4.4	30
215	The Thousand-Pulsar-Array programme on MeerKAT – I. Science objectives and first results. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3608-3615.	4.4	30
216	The Thousand-Pulsar-Array programme on MeerKAT – III. Giant pulse characteristics of PSR J0540+6919. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4468-4482.	4.4	30

#	ARTICLE	IF	CITATIONS
217	Polarization measurements of five pulsars with interpulses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 745-752.	4.4	29
218	PSR J1341-6220 - A young pulsar in a supernova remnant. <i>Astrophysical Journal</i> , 1992, 399, L155.	4.5	29
219	New limits on the population of millisecond pulsars in the galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 252, 277-281.	4.4	28
220	Multi-epoch H I line measurements of four southern pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 941-947.	4.4	28
221	A deep search for pulsar wind nebulae using pulsar gating. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 308, 609-617.	4.4	27
222	Simultaneous single-pulse observations of radio pulsars. <i>Astronomy and Astrophysics</i> , 2003, 404, 325-332.	5.1	27
223	DYNAMIC SPECTRAL MAPPING OF INTERSTELLAR PLASMA LENSES. <i>Astrophysical Journal</i> , 2016, 817, 176.	4.5	27
224	On the beam properties of radio pulsars with interpulse emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4565-4574.	4.4	27
225	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
226	Timing models for the long orbital period binary pulsar PSR B1259-63. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 997-1004.	4.4	26
227	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
228	Wide-field broad-band radio imaging with phased array feeds: a pilot multi-epoch continuum survey with ASKAP-BETA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4160-4178.	4.4	26
229	Spin-down Evolution and Radio Disappearance of the Magnetar PSR J1622â€“4950. <i>Astrophysical Journal</i> , 2017, 841, 126.	4.5	26
230	Intrinsic variability and field statistics for the Vela pulsar -- II. Systematics and single-component fits. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 512-522.	4.4	25
231	A SHAPIRO DELAY DETECTION IN THE BINARY SYSTEM HOSTING THE MILLISECOND PULSAR PSR J1910â€“5959A. <i>Astrophysical Journal</i> , 2012, 760, 100.	4.5	25
232	The High Time Resolution Universe survey â€“ XI. Discovery of five recycled pulsars and the optical detectability of survey white dwarf companions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 4019-4028.	4.4	25
233	Low-Frequency Spectral Energy Distributions of Radio Pulsars Detected with the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	25
234	PSRâ€“j2322âˆ“2650 â€“ a low-luminosity millisecond pulsar with a planetary-mass companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 469-477.	4.4	25

#	ARTICLE	IF	CITATIONS
235	The SURvey for Pulsars and Extragalactic Radio Bursts â€“ IV. Discovery and polarimetry of a 12.1-s radio pulsar. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1165-1177.	4.4	25
236	Measurements of pulse jitter and single-pulse variability in millisecond pulsars using MeerKAT. Monthly Notices of the Royal Astronomical Society, 2021, 502, 407-422.	4.4	25
237	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057â€“5226, J1709â€“4429 AND J1952+3252. Astrophysical Journal, 2010, 720, 26-40.	4.5	24
238	The High Time Resolution Universe Pulsar Survey â€“ VII. Discovery of five millisecond pulsars and the different luminosity properties of binary and isolated recycled pulsars. Monthly Notices of the Royal Astronomical Society, 2013, 433, 259-269.	4.4	24
239	Origin of the Transient, Unpulsed Radio Emission from the PSR B1259âˆ“63 Binary System. Astrophysical Journal, 1999, 514, L39-L42.	4.5	24
240	The MeerTime Pulsar Timing Array: A census of emission properties and timing potential. Publications of the Astronomical Society of Australia, 2022, 39, .	3.4	24
241	An Unusual Pulsar Wind Nebula Associated with PSR B0906âˆ“49. Astrophysical Journal, 1998, 499, L69-L73.	4.5	23
242	SUB-LUMINOUS Î³-RAY PULSARS. Astrophysical Journal, 2011, 738, 114.	4.5	23
243	Information theory, animal communication, and the search for extraterrestrial intelligence. Acta Astronautica, 2011, 68, 406-417.	3.2	23
244	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J1107âˆ“5907. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3948-3960.	4.4	23
245	Characterizing the rotational irregularities of the Vela pulsar from 21Ây of phase-coherent timing. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3104-3111.	4.4	23
246	Discovery of Pulsed OH Maser Emission Stimulated by a Pulsar. Science, 2005, 309, 106-110.	12.6	22
247	Phase-locked modulation delay between the poles of pulsar B1055-52. Monthly Notices of the Royal Astronomical Society, 2012, 424, 843-854.	4.4	22
248	Discovery of Millisecond Pulsars in the Globular Cluster Omega Centauri. Astrophysical Journal Letters, 2020, 888, L18.	8.3	22
249	Discovery of gamma- and X-ray pulsations from the young and energetic PSR J1357âˆ“6429 with<i>Fermi</i>and<i>XMM-Newton</i>. Astronomy and Astrophysics, 2011, 533, A102.	5.1	21
250	17- and 24-GHz observations of southern pulsars. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	21
251	Detecting pulsars with interstellar scintillation in variance images. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3115-3122.	4.4	21
252	A solar-type star polluted by calcium-rich supernova ejecta inside the supernova remnant RCW 86. Nature Astronomy, 2017, 1, .	10.1	21

#	ARTICLE	IF	CITATIONS
253	The periodâ€“width relationship for radio pulsars revisited. Monthly Notices of the Royal Astronomical Society, 2019, 485, 640-647.	4.4	21
254	Evidence for magnetospheric effects on the radiation of radio pulsars. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2778-2794.	4.4	21
255	Two years of pulsar observations with the ultra-wide-band receiver on the Parkes radio telescope. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1253-1262.	4.4	21
256	The 2018 X-Ray and Radio Outburst of Magnetar XTE J1810â€“197. Astrophysical Journal Letters, 2019, 874, L25.	8.3	20
257	The High Time Resolution Universe Pulsar Survey â€“ XVI. Discovery and timing of 40 pulsars from the southern Galactic plane. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1063-1087.	4.4	20
258	The thousand-pulsar-array programme on MeerKAT IV: Polarization properties of young, energetic pulsars. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4483-4495.	4.4	20
259	Six faint gamma-ray pulsars seen with the <i>Fermi</i> Large Area Telescope. Astronomy and Astrophysics, 2014, 570, A44.	5.1	20
260	Scintillation velocities for four millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 1995, 273, 122-128.	4.4	19
261	High-resolution H α and radio continuum observations of the SNR G290.1âˆ’0.8. Monthly Notices of the Royal Astronomical Society, 2006, 369, 416-424.	4.4	19
262	<i>AGILE</i> OBSERVATIONS OF THE â€œSOFTâ€• GAMMA-RAY PULSAR PSR B1509 â€“ 58. Astrophysical Journal, 2010, 723, 707-712.	4.5	19
263	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. Astrophysical Journal, 2012, 746, 39.	4.5	19
264	Radio light curve of the galaxy possibly associated with FRBâˆ’150418. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2143-2150.	4.4	19
265	The Galactic population and properties of young, highly energetic pulsars. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1957-1965.	4.4	19
266	The Thousand-Pulsar-Array programme on MeerKAT â€“ VI. Pulse widths of a large and diverse sample of radio pulsars. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	19
267	The Thousand-Pulsar-Array programme on MeerKAT â€“ V. Scattering analysis of single-component pulsars. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1115-1128.	4.4	19
268	Neutral Hydrogen Absorption Measurements of Four Distant Pulsars and the Electron Density in the Inner Galaxy. Astrophysical Journal, 1995, 447, 204.	4.5	19
269	PSR B1802 â€“ 07: a globular cluster pulsar in an eccentric binary system. Monthly Notices of the Royal Astronomical Society, 1993, 260, L7-L10.	4.4	18
270	H I line measurements of pulsars towards the Gum nebula and the Carina arm. Monthly Notices of the Royal Astronomical Society, 1996, 279, 661-668.	4.4	18

#	ARTICLE	IF	CITATIONS
271	A fast radio burst with a low dispersion measure. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	18
272	The dynamic magnetosphere of Swift J1818.0â€“1607. Monthly Notices of the Royal Astronomical Society, 2021, 502, 127-139.	4.4	18
273	A 1500-MHz survey for pulsars near the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 1995, 274, L43-L45.	4.4	17
274	Scintillation measurements of the millisecond pulsar PSR J0030+0451 and pulsar space velocities. Astronomy and Astrophysics, 2001, 368, 1055-1062.	5.1	17
275	Hâ€fi line measurements of pulsars towards the Galactic Centre and the electron density in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2001, 322, 715-722.	4.4	17
276	The Magnetic Field of the Solar Corona from Pulsar Observations. Solar Physics, 2007, 245, 109-120.	2.5	17
277	The three discrete nulling time-scales of PSR J1717âˆ“4054. Monthly Notices of the Royal Astronomical Society, 2014, 445, 320-329.	4.4	17
278	A Census of Southern Pulsars at 185 MHz. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	17
279	<i>Fermi</i>-LAT constraints on the pulsar wind nebula nature of HESS J1857+026. Astronomy and Astrophysics, 2012, 544, A3.	5.1	16
280	The High Time Resolution Universe survey â€“ IX. Polarimetry of long-period pulsars. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3557-3572.	4.4	16
281	A search for the radio counterpart of the unidentified Î³-ray source 3EG J1410-6147. Monthly Notices of the Royal Astronomical Society, 2003, 339, 1048-1056.	4.4	15
282	Single pulses from PSR B1641-45. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1229-1235.	4.4	15
283	The interior of the SNR RX J0852.0-4622 (Vela Jr) at radio wavelengths. Astronomy and Astrophysics, 2006, 449, 243-250.	5.1	15
284	Radio observations of two isolated neutron stars: RX J0720.4 – 3125 and RX J0806.4 – 4132. Monthly Notices of the Royal Astronomical Society, 2003, 340, L43-L46.	4.4	14
285	V : new insight into the circular polarization of radio pulsars. Monthly Notices of the Royal Astronomical Society, 2003, 344, L69-L73.	4.4	14
286	An investigation of the absolute circular polarization in radio pulsars. Monthly Notices of the Royal Astronomical Society, 2004, 352, 689-698.	4.4	14
287	Chandra Phase-resolved Spectroscopy of the High Magnetic Field Pulsar B1509âˆ“58. Astrophysical Journal, 2017, 838, 156.	4.5	14
288	Diagnostics of timing noise in middle-aged pulsars. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5854-5861.	4.4	14

#	ARTICLE	IF	CITATIONS
289	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
290	The High Time Resolution Universe Pulsar Survey â€“ XVII. PSR J1325âˆ“6253, a low eccentricity double neutron star system from an ultra-stripped supernova. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5782-5792.	4.4	14
291	Do We Expect to See Young Pulsars outside Their Parent Shells?. Publications of the Astronomical Society of Australia, 1995, 12, 76-80.	3.4	13
292	Intrinsic instrumental polarization and high-precision pulsar timing. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1489-1502.	4.4	13
293	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
294	The 1997 periastron passage of the binary pulsar PSR B1259âˆ“63. Monthly Notices of the Royal Astronomical Society, 2001, 326, 643-648.	4.4	12
295	Intrinsic variability and field statistics for the Vela pulsar – III. Two-component fits and detailed assessment of stochastic growth theory. Monthly Notices of the Royal Astronomical Society, 2003, 343, 523-532.	4.4	12
296	Optical and radio astrometry of the galaxy associated with FRBâˆ“150418. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 463, L36-L40.	3.3	12
297	A polarization census of bright pulsars using the ultrawideband receiver on the Parkes radio telescope. Monthly Notices of the Royal Astronomical Society, 2021, 504, 228-247.	4.4	12
298	A search for radio emission from the young 16-ms X-ray pulsar PSR J0537âˆ“6910. Advances in Space Research, 2005, 35, 1181-1184.	2.6	11
299	The High Time Resolution Universe Pulsar Survey â€“ XV. Completion of the intermediate-latitude survey with the discovery and timing of 25 further pulsars. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5791-5801.	4.4	10
300	RADIO AND Î³-RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. Astrophysical Journal, 2011, 728, 77.	4.5	9
301	Observing Pulsars with a Phased Array Feed at the Parkes Telescope. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	9
302	The Murchison Widefield Array Transients Survey (MWATS). A search for low frequency variability in a bright Southern hemisphere sample. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	9
303	Detection of Pulses from the Vela Pulsar at Millimeter Wavelengths with Phased ALMA. Astrophysical Journal Letters, 2019, 885, L10.	8.3	9
304	Diffraction Scintillation of the Pulsar PSR B1259âˆ“63. Astrophysical Journal, 1998, 492, L49-L52.	4.5	8
305	PSR J1410-6132: a young, energetic pulsar associated with the EGRET source 3EG J1410-6147. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 388, L1-L5.	3.3	8
306	Spica and the annual cycle of PKS B1322â€“110 scintillations. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4372-4381.	4.4	8

#	ARTICLE	IF	CITATIONS
307	The drifting subpulses of PSR B0031+07 and its synchronously modulated radio polarization. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	8
308	The SURvey for pulsars and extragalactic radio bursts V: recent discoveries and full timing solutions. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4836-4848.	4.4	8
309	Pulsar polarimetry with the Parkes ultra-wideband receiver. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1418-1429.	4.4	8
310	A supernova remnant association for the fast-moving pulsar PSR J0908+4913. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 507, L41-L45.	3.3	8
311	Understanding the radio beam of PSR J1136+1551 through its single pulses. Monthly Notices of the Royal Astronomical Society, 2019, 489, 310-324.	4.4	7
312	Parkes Transient Events. I. Database of Single Pulses, Initial Results, and Missing Fast Radio Bursts. Astrophysical Journal, Supplement Series, 2020, 249, 14.	7.7	7
313	The magnetic field structure of SNR G328.4+0.2 from polarimetric observations at 19 GHz. Monthly Notices of the Royal Astronomical Society, 2004, 348, L19-L22.	4.4	6
314	Discovery of a Synchrotron Bubble Associated with PSR J1015+5719. Astrophysical Journal, 2017, 842, 100.	4.5	6
315	Radio observations of the region around the pulsar wind nebula HESS J1303+631 with ATCA. Astronomy and Astrophysics, 2017, 605, A115.	5.1	6
316	The Thousand-Pulsar-Array programme on MeerKAT - II. Observing strategy for pulsar monitoring with subarrays. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4456-4467.	4.4	6
317	The neutral gas in the environs of the Geminga gamma-ray pulsar. Advances in Space Research, 2005, 35, 1070-1073.	2.6	5
318	TWO RADIO-EMISSION MECHANISMS IN PSR J0901+4624. Astrophysical Journal Letters, 2015, 804, L18.	8.3	5
319	Linking long- and short-term emission variability in pulsars. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5702-5712.	4.4	5
320	Timing observations of three Galactic millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5303-5309.	4.4	5
321	Observations of PSR J1357+6429 at 2.1 GHz with the Australia Telescope Compact Array. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3273-3280.	4.4	4
322	Scintillation kinks, bumps and wiggles in the radio spectrum of the quasar PMN J1106+3647. Monthly Notices of the Royal Astronomical Society, 2017, 469, 5023-5032.	4.4	4
323	X-Ray and Radio Observations of Bright GEV Sources. Astrophysics and Space Science Library, 2001, , 135-152.	2.7	4
324	Understanding pulsar magnetospheres with the SKA. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
325	The thousand-pulsar-array programme on MeerKAT VII: polarisation properties of pulsars in the Magellanic Clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5209-5217.	4.4	4
326	Precise Timing and Phase-resolved Spectroscopy of the Young Pulsar J1617â€“5055 with NuSTAR. <i>Astrophysical Journal</i> , 2021, 923, 249.	4.5	4
327	Evidence for Alignment of the Rotation and Velocity Vectors in Pulsars. <i>Research in Astronomy and Astrophysics</i> , 2006, 6, 237-240.	1.1	3
328	The glitch-induced identity changes of PSR J1119â€“6127. <i>AIP Conference Proceedings</i> , 2011, , .	0.4	3
329	Ha, ha, ha, ha, staying alive, staying alive: A radio pulsar with an 8.5-s period challenges emission models. <i>International Astronomical Union Colloquium</i> , 2000, 177, 185-188.	0.1	2
330	Nanoarcsecond Single-Dish Imaging of the Vela Pulsar. <i>International Astronomical Union Colloquium</i> , 2000, 177, 215-218.	0.1	2
331	VLBI STRUCTURE OF PSR B1259-63/LS 2883 DURING THE 2007 AND 2010 PERIASTORN PASSAGES. <i>International Journal of Modern Physics Conference Series</i> , 2012, 08, 138-143.	0.7	2
332	The Location of Young Pulsar PSR J0837â€“2454: Galactic Halo or Local Supernova Remnant?. <i>Astrophysical Journal</i> , 2021, 911, 121.	4.5	2
333	Associations between pulsars and supernova remnants. <i>International Astronomical Union Colloquium</i> , 1996, 160, 385-386.	0.1	1
334	Imprints of Neutron Stars in the Interstellar Medium. <i>Symposium - International Astronomical Union</i> , 2004, 218, 277-278.	0.1	1
335	The high-energy gamma-ray light curve of PSR B1259 -63. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	1
336	Gravitational science with pulsars and the Square Kilometre Array. , 2009, , .		1
337	RADIO MONITORING OF THE GAMMA-RAY BINARY PSR B1259â€“63. <i>International Journal of Modern Physics Conference Series</i> , 2014, 28, 1460173.	0.7	1
338	Timing noise of 133 pulsars in the southern hemisphere. <i>Journal of Physics: Conference Series</i> , 2019, 1380, 012161.	0.4	1
339	Tiny-scale Structure Discovered toward PSR B1557â€“50. <i>Astrophysical Journal Letters</i> , 2021, 911, L13.	8.3	1
340	Optical Study of PKS B1322-110, the Intra-hour Variable Radio Source. <i>Astrophysical Journal</i> , 2020, 900, 169.	4.5	1
341	Kinematic distances for southern pulsars: Gum & Carina. <i>International Astronomical Union Colloquium</i> , 1996, 160, 479-480.	0.1	0
342	PSR B1259â€“63: Periastron Puzzles. <i>International Astronomical Union Colloquium</i> , 1996, 160, 501-508.	0.1	0

#	ARTICLE	IF	CITATIONS
343	Periastron Observations of the PSR B1259-63/SS 2883 Binary System. Symposium - International Astronomical Union, 1996, 165, 263-269.	0.1	0
344	Discovery of a highly dispersed pulsar at $l = 304^\circ$. Monthly Notices of the Royal Astronomical Society, 1998, 293, L65-L67.	4.4	0
345	On Mars, Patrick Moore, Cassell, London, 1998, 222 pp., ISBN 0-304-35069-9. Publications of the Astronomical Society of Australia, 1999, 16, 304-305.	3.4	0
346	Supernova Remnants, Pulsars and the Interstellar Medium. Publications of the Astronomical Society of Australia, 2000, 17, 83-91.	3.4	0
347	The Remarkable Binary Pulsar PSR B1259-63. International Astronomical Union Colloquium, 2000, 177, 521-526.	0.1	0
348	Transient radio emission from PSR B1259-63. International Astronomical Union Colloquium, 2000, 177, 529-530.	0.1	0
349	Braking Indices for Twenty Pulsars. International Astronomical Union Colloquium, 2000, 177, 599-600.	0.1	0
350	Timing of the Binary Pulsar B1259-63. Symposium - International Astronomical Union, 2004, 218, 429-430.	0.1	0
351	Observing Single Pulses Over a Broad Frequency Range. Symposium - International Astronomical Union, 2004, 218, 337-338.	0.1	0
352	Giant Pulses - A Brief Review. Symposium - International Astronomical Union, 2004, 218, 315-318.	0.1	0
353	Radio Pulsar Phenomenology. Thirty Years of Astronomical Discovery With UKIRT, 2011, , 1-20.	0.3	0
354	Pulsars with the Australian Square Kilometre Array Pathfinder. , 2011, , .		0
355	The Noisy Ageing of Slow Pulsars: New Thoughts on the Evolution of the Pulsar Population. Proceedings of the International Astronomical Union, 2017, 13, 100-103.	0.0	0
356	Pulsar polarization: the view from the southern hemisphere. Proceedings of the International Astronomical Union, 2017, 13, 84-87.	0.0	0
357	Searching for pulsars in future radio continuum surveys. Proceedings of the International Astronomical Union, 2017, 13, 328-329.	0.0	0
358	Periastron Observations of the PSR B1259-63/SS 2883 Binary System. , 1996, , 263-269.		0