

Richard Manchester

List of Publications by Year in descending order

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334
papers

31,398
citations

3731

89
h-index

5255

165
g-index

334
all docs

334
docs citations

334
times ranked

7773
citing authors

#	ARTICLE	IF	CITATIONS
1	The Australia Telescope National Facility Pulsar Catalogue. <i>Astronomical Journal</i> , 2005, 129, 1993-2006.	4.7	2,433
2	tempo2, a new pulsar-timing package - I. An overview. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 655-672.	4.4	878
3	Tests of General Relativity from Timing the Double Pulsar. <i>Science</i> , 2006, 314, 97-102.	12.6	817
4	An increased estimate of the merger rate of double neutron stars from observations of a highly relativistic system. <i>Nature</i> , 2003, 426, 531-533.	27.8	806
5	A Double-Pulsar System: A Rare Laboratory for Relativistic Gravity and Plasma Physics. <i>Science</i> , 2004, 303, 1153-1157.	12.6	787
6	A NEW ELECTRON-DENSITY MODEL FOR ESTIMATION OF PULSAR AND FRB DISTANCES. <i>Astrophysical Journal</i> , 2017, 835, 29.	4.5	730
7	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
8	psrchive and psrfits: An Open Approach to Radio Pulsar Data Storage and Analysis. <i>Publications of the Astronomical Society of Australia</i> , 2004, 21, 302-309.	3.4	664
9	Catalog of 558 pulsars. <i>Astrophysical Journal, Supplement Series</i> , 1993, 88, 529.	7.7	592
10	The shape of pulsar radio beams. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 234, 477-508.	4.4	555
11	Transient radio bursts from rotating neutron stars. <i>Nature</i> , 2006, 439, 817-820.	27.8	509
12	TEMPO2, a new pulsar timing package - II. The timing model and precision estimates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 1549-1574.	4.4	472
13	The Parkes Multibeam Pulsar Survey - VI. Discovery and timing of 142 pulsars and a Galactic population analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 777-800.	4.4	417
14	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
15	Gravitational waves from binary supermassive black holes missing in pulsar observations. <i>Science</i> , 2015, 349, 1522-1525.	12.6	386
16	The Parkes Pulsar Timing Array Project. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	350
17	The International Pulsar Timing Array: First data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1267-1288.	4.4	332
18	The galactic population of pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1985, 213, 613-639.	4.4	324

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19	Pulsar Rotation Measures and the Large-scale Structure of the Galactic Magnetic Field. <i>Astrophysical Journal</i> , 2006, 642, 868-881.	4.5	309
20	Upper Bounds on the Low-frequency Stochastic Gravitational Wave Background from Pulsar Timing Observations: Current Limits and Future Prospects. <i>Astrophysical Journal</i> , 2006, 653, 1571-1576.	4.5	289
21	PSR 1259-63 - A binary radio pulsar with a Be star companion. <i>Astrophysical Journal</i> , 1992, 387, L37.	4.5	278
22	The Cosmic Coalescence Rates for Double Neutron Star Binaries. <i>Astrophysical Journal</i> , 2004, 601, L179-L182.	4.5	275
23	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
24	Precision Timing of PSR J0437 \hat{a} 4715: An Accurate Pulsar Distance, a High Pulsar Mass, and a Limit on the Variation of Newton's Gravitational Constant. <i>Astrophysical Journal</i> , 2008, 679, 675-680.	4.5	229
25	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
26	Pulsar nulling and mode changing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1383-1392.	4.4	215
27	Discovery of Two High Magnetic Field Radio Pulsars. <i>Astrophysical Journal</i> , 2000, 541, 367-373.	4.5	213
28	Observations of 20 Millisecond Pulsars in 47 Tucanae at 20 Centimeters. <i>Astrophysical Journal</i> , 2000, 535, 975-990.	4.5	209
29	On the Evolution of Pulsar Beams. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 625-636.	4.4	197
30	Pulsar rotation measures and the magnetic structure of our Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 371-380.	4.4	196
31	Detecting the Stochastic Gravitational Wave Background Using Pulsar Timing. <i>Astrophysical Journal</i> , 2005, 625, L123-L126.	4.5	196
32	The International Pulsar Timing Array: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4666-4687.	4.4	191
33	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	12.6	190
34	The Parkes Multibeam Pulsar Survey - III. Young pulsars and the discovery and timing of 200 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 342, 1299-1324.	4.4	189
35	A high-frequency survey of the southern Galactic plane for pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 255, 401-411.	4.4	185
36	Detection of a Change of State in the Pulsar PSR 0833-45. <i>Nature</i> , 1969, 222, 228-229.	27.8	184

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37	A test of general relativity from the three-dimensional orbital geometry of a binary pulsar. <i>Nature</i> , 2001, 412, 158-160.	27.8	181
38	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
39	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
40	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
41	The Parkes Southern pulsar Survey – I. Observing and data analysis systems and initial results. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 279, 1235-1250.	4.4	173
42	Development of a pulsar-based time-scale. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2780-2787.	4.4	163
43	Detection of 107 glitches in 36 southern pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 688-724.	4.4	160
44	The Parkes Southern Pulsar Survey – II. Final results and population analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 295, 743-755.	4.4	159
45	The Parkes multibeam pulsar survey - IV. Discovery of 180 pulsars and parameters for 281 previously known pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 1439-1472.	4.4	157
46	The International Pulsar Timing Array. <i>Classical and Quantum Gravity</i> , 2013, 30, 224010.	4.0	156
47	The Parkes Multibeam Pulsar Survey – II. Discovery and timing of 120 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 275-290.	4.4	154
48	Pulsar timing analysis in the presence of correlated noise. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 561-570.	4.4	140
49	The second Molonglo pulsar survey - discovery of 155 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1978, 185, 409-421.	4.4	139
50	The Parkes Multibeam Pulsar Survey - V. Finding binary and millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 147-158.	4.4	139
51	Discovery of a very bright, nearby binary millisecond pulsar. <i>Nature</i> , 1993, 361, 613-615.	27.8	135
52	Gravitational-Wave Limits from Pulsar Timing Constrain Supermassive Black Hole Evolution. <i>Science</i> , 2013, 342, 334-337.	12.6	133
53	Structure of the Local Galactic Magnetic Field. <i>Astrophysical Journal</i> , 1974, 188, 637.	4.5	131
54	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259-63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i>. <i>Astrophysical Journal Letters</i> , 2011, 736, L11.	8.3	130

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55	Observed and derived parameters for 330 pulsars. <i>Astronomical Journal</i> , 1981, 86, 1953.	4.7	126
56	Detection of Ionized Gas in the Globular Cluster 47 Tucanae. <i>Astrophysical Journal</i> , 2001, 557, L105-L108.	4.5	126
57	Dispersion measure variations and their effect on precision pulsar timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 378, 493-506.	4.4	121
58	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	4.5	120
59	THE BRAKING INDEX OF PSR J1734â€“3333 AND THE MAGNETAR POPULATION. <i>Astrophysical Journal Letters</i> , 2011, 741, L13.	8.3	120
60	On the spin-down of PSR B1509-58. <i>Astrophysical Journal</i> , 1994, 422, L83.	4.5	118
61	Observations of pulsar radio emission. II - Polarization of individual pulses. <i>Astrophysical Journal</i> , 1975, 196, 83.	4.5	115
62	Glitches in southern pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 317, 843-860.	4.4	114
63	PSR J1756-2251: A New Relativistic Double Neutron Star System. <i>Astrophysical Journal</i> , 2005, 618, L119-L122.	4.5	114
64	Probing the Eclipse Region of a Binary Millisecond Pulsar. <i>Astrophysical Journal</i> , 1996, 465, L119-L122.	4.5	114
65	Radio and optical observations of the PSR B1259-63/SS 2883 Be star binary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 268, 430-436.	4.4	113
66	Gravitational-Wave Cosmology across 29 Decades in Frequency. <i>Physical Review X</i> , 2016, 6, .	8.9	113
67	An ultra-wide bandwidth (704 to 4Â032ÂMHz) receiver for the Parkes radio telescope. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	113
68	Evidence from a processing pulsar orbit for a neutron-star birth kick. <i>Nature</i> , 1996, 381, 584-586.	27.8	112
69	MEASURING THE MASS OF SOLAR SYSTEM PLANETS USING PULSAR TIMING. <i>Astrophysical Journal Letters</i> , 2010, 720, L201-L205.	8.3	112
70	A prompt radio burst from supernova 1987A in the Large Magellanic Cloud. <i>Nature</i> , 1987, 327, 38-40.	27.8	111
71	An eclipsing millisecond pulsar in the globular cluster Terzan 5. <i>Nature</i> , 1990, 347, 650-652.	27.8	110
72	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

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73	Further results from the timing of the millisecond pulsars in 47 Tucanae. Monthly Notices of the Royal Astronomical Society, 2003, 340, 1359-1374.	4.4	108
74	Pulsar Rotation and Dispersion Measures and the Galactic Magnetic Field. Astrophysical Journal, 1972, 172, 43.	4.5	108
75	The Parkes Pulsar Timing Array project: second data release. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	107
76	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
77	The Parkes High-Latitude pulsar survey. Monthly Notices of the Royal Astronomical Society, 2006, 368, 283-292.	4.4	106
78	<scp>psrchive</scp> and <scp>psrfits</scp>: Definition of the Stokes Parameters and Instrumental Basis Conventions. Publications of the Astronomical Society of Australia, 2010, 27, 104-109.	3.4	105
79	Discovery of ten millisecond pulsars in the globular cluster 47 Tucanae. Nature, 1991, 352, 219-221.	27.8	104
80	Discovery of Short-Period Binary Millisecond Pulsars in Four Globular Clusters. Astrophysical Journal, 2001, 548, L171-L174.	4.5	104
81	An Eclipsing Millisecond Pulsar with a Possible Main-Sequence Companion in NGC 6397. Astrophysical Journal, 2001, 561, L89-L92.	4.5	104
82	Arecibo Pulsar Survey Using ALFA. II. The Young, Highly Relativistic Binary Pulsar J1906+0746. Astrophysical Journal, 2006, 640, 428-434.	4.5	103
83	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
84	Strong-Field Gravity Tests with the Double Pulsar. Physical Review X, 2021, 11, .	8.9	97
85	Pulsar Rotation Measures and Large-scale Magnetic Field Reversals in the Galactic Disk. Astrophysical Journal, Supplement Series, 2018, 234, 11.	7.7	96
86	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
87	Long-term observations of the pulsars in 47 Tucanae – II. Proper motions, accelerations and jerks. Monthly Notices of the Royal Astronomical Society, 2017, 471, 857-876.	4.4	93
88	A massive radio pulsar binary in the Small Magellanic Cloud. Astrophysical Journal, 1994, 423, L43.	4.5	92
89	Discovery of Three Wide-Orbit Binary Pulsars: Implications for Binary Evolution and Equivalence Principles. Astrophysical Journal, 2005, 632, 1060-1068.	4.5	91
90	PSR J1756+2251: a pulsar with a low-mass neutron star companion. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2183-2196.	4.4	91

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91	Observations of pulsar radio emission. I - Total-intensity measurements of individual pulses. <i>Astrophysical Journal</i> , 1975, 195, 513.	4.5	91
92	HIGH-PRECISION TIMING OF FIVE MILLISECOND PULSARS: SPACE VELOCITIES, BINARY EVOLUTION, AND EQUIVALENCE PRINCIPLES. <i>Astrophysical Journal</i> , 2011, 743, 102.	4.5	90
93	Millisecond pulsar velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 307, 925-933.	4.4	89
94	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
95	Discovery of Four Isolated Millisecond Pulsars. <i>Astrophysical Journal</i> , 1997, 481, 386-391.	4.5	85
96	The Parkes Multibeam Pulsar Survey: PSR J1811-1736, a pulsar in a highly eccentric binary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, 698-702.	4.4	84
97	X-ray Radiation from the Millisecond Pulsar J0437 ⁺ 4715. <i>Astrophysical Journal</i> , 2002, 569, 894-902.	4.5	83
98	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
99	The Asymmetric Radio Remnant of SN 1987A. <i>Astrophysical Journal</i> , 1997, 479, 845-858.	4.5	82
100	Pulsar timing for the <i>Fermi</i> gamma-ray space telescope. <i>Astronomy and Astrophysics</i> , 2008, 492, 923-931.	5.1	81
101	Mean Pulse Shape and Polarization of PSR J0437 ⁺ 4715. <i>Astrophysical Journal</i> , 1997, 486, 1019-1025.	4.5	80
102	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
103	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
104	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
105	Radio observations of PSR B1259 – 63 around periastron. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 279, 1026-1036.	4.4	77
106	Discovery of 14 Radio Pulsars in a Survey of the Magellanic Clouds. <i>Astrophysical Journal</i> , 2006, 649, 235-242.	4.5	75
107	PULSAR OBSERVATIONS OF EXTREME SCATTERING EVENTS. <i>Astrophysical Journal</i> , 2015, 808, 113.	4.5	75
108	Discovery of three binary millisecond pulsars. <i>Astrophysical Journal</i> , 1994, 425, L41.	4.5	75

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109	Timing of Millisecond Pulsars in NGC 6752: Evidence for a High Mass-to-Light Ratio in the Cluster Core. <i>Astrophysical Journal</i> , 2002, 570, L89-L92.	4.5	74
110	Discovery of 28 pulsars using new techniques for sorting pulsar candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 837-846.	4.4	74
111	Birth of a radio supernova remnant in supernova 1987A. <i>Nature</i> , 1992, 355, 147-149.	27.8	73
112	Observations of pulsar radio emission. III - Stability of integrated profiles. <i>Astrophysical Journal</i> , 1975, 198, 661.	4.5	73
113	DETECTION OF THE ENERGETIC PULSAR PSR B1509-58 AND ITS PULSAR WIND NEBULA IN MSH 15-52 USING THE FERMI-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 714, 927-936.	4.5	72
114	Parkes Pulsar Timing Array constraints on ultralight scalar-field dark matter. <i>Physical Review D</i> , 2018, 98, .	4.7	72
115	Discovery of Five Binary Radio Pulsars. <i>Astrophysical Journal</i> , 2001, 548, L187-L191.	4.5	71
116	Mode switching and subpulse drifting in PSR B0826-34. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 59-65.	4.4	70
117	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
118	The Parkes Observatory Pulsar Data Archive. <i>Publications of the Astronomical Society of Australia</i> , 2011, 28, 202-214.	3.4	69
119	Polarization observations of 20 millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2087-2100.	4.4	69
120	High-Energy Gamma-Ray Observations of Two Young, Energetic Radio Pulsars. <i>Astrophysical Journal</i> , 2000, 528, 445-453.	4.5	68
121	Four new millisecond pulsars in the galactic disk. <i>Astrophysical Journal</i> , 1995, 439, 933.	4.5	68
122	Timing the millisecond pulsars in 47 Tucanae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 901-915.	4.4	67
123	DOES A STOCHASTIC BACKGROUND OF GRAVITATIONAL WAVES EXIST IN THE PULSAR TIMING BAND?. <i>Astrophysical Journal</i> , 2012, 761, 84.	4.5	67
124	THE EVOLUTION OF PSR J0737-3039B AND A MODEL FOR RELATIVISTIC SPIN PRECESSION. <i>Astrophysical Journal</i> , 2010, 721, 1193-1205.	4.5	66
125	An Improved Solar Wind Electron Density Model for Pulsar Timing. <i>Astrophysical Journal</i> , 2007, 671, 907-911.	4.5	65
126	Fermi Detection of a Luminous $\hat{3}$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	12.6	65

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127	THE DOUBLE PULSAR: EVIDENCE FOR NEUTRON STAR FORMATION WITHOUT AN IRON CORE-COLLAPSE SUPERNOVA. <i>Astrophysical Journal</i> , 2013, 767, 85.	4.5	65
128	Observations of Pulsar Polarization at 410 and 1665 MHz. <i>Astrophysical Journal, Supplement Series</i> , 1971, 23, 283.	7.7	65
129	Polarization and Faraday rotation measurements of southern pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 274, 572-588.	4.4	64
130	Polarization observations of 66 southern pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 295, 280-298.	4.4	64
131	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
132	Timing of young radio pulsars – I. Timing noise, periodic modulation, and proper motion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3810-3826.	4.4	63
133	Positions and proper motions of pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 258, 497-510.	4.4	62
134	Evolution of the Radio Remnant of SN 1987A: 1990-2001. <i>Publications of the Astronomical Society of Australia</i> , 2002, 19, 207-221.	3.4	62
135	21 Years of Timing PSR B1509-58. <i>Astrophysical Journal</i> , 2005, 619, 1046-1053.	4.5	62
136	Polarization properties of two pulsars. <i>Astrophysical Journal</i> , 1995, 441, L65.	4.5	61
137	Spectra of Southern Pulsars. <i>Astrophysical Journal</i> , 1998, 506, 863-867.	4.5	61
138	The Double Pulsar System J0737-3039: Modulation of A by B at Eclipse. <i>Astrophysical Journal</i> , 2004, 616, L131-L134.	4.5	60
139	A PRECISE MASS MEASUREMENT OF THE INTERMEDIATE-MASS BINARY PULSAR PSR J1802 – 2124. <i>Astrophysical Journal</i> , 2010, 711, 764-771.	4.5	59
140	A second measurement of a pulsar braking index. <i>Nature</i> , 1985, 313, 374-376.	27.8	57
141	MULTIFREQUENCY RADIO MEASUREMENTS OF SUPERNOVA 1987A OVER 22 YEARS. <i>Astrophysical Journal</i> , 2010, 710, 1515-1529.	4.5	57
142	Pulsar interpulses - two poles or one?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1977, 181, 761-767.	4.4	56
143	A Radio Supernova Remnant Associated with the Young Pulsar J1119-6127. <i>Astrophysical Journal</i> , 2001, 554, 152-160.	4.5	56
144	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

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145	PSR J1723â€“2837: AN ECLIPSING BINARY RADIO MILLISECOND PULSAR. <i>Astrophysical Journal</i> , 2013, 776, 20.	4.5	56
146	X-RAY OBSERVATIONS OF HIGH-B RADIO PULSARS. <i>Astrophysical Journal</i> , 2013, 764, 1.	4.5	56
147	The kinematics and orbital dynamics of the PSR B1259âˆ“63/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
148	Radio detection of PSR B0540-69. <i>Astrophysical Journal</i> , 1993, 403, L29.	4.5	56
149	A young, glitching pulsar near the direction of W28. <i>Astrophysical Journal</i> , 1993, 409, L57.	4.5	56
150	The Parkes Southern Pulsar Survey â€” III. Timing of long-period pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 297, 28-40.	4.4	55
151	Green Bank Telescope Studies of Giant Pulses from Millisecond Pulsars. <i>Astrophysical Journal</i> , 2006, 640, 941-949.	4.5	55
152	Long-Term Variations in the Pulse Emission from PSR J0737-3039B. <i>Astrophysical Journal</i> , 2005, 624, L113-L116.	4.5	54
153	OBSERVATIONS AND MODELING OF RELATIVISTIC SPIN PRECESSION IN PSR J1141â€“6545. <i>Astrophysical Journal</i> , 2010, 710, 1694-1709.	4.5	54
154	On detection of the stochastic gravitational-wave background using the Parkes pulsar timing array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1777-1787.	4.4	54
155	Pulsars and gravity. <i>International Journal of Modern Physics D</i> , 2015, 24, 1530018.	2.1	54
156	13 years of timing of PSR B1259âˆ“63. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 351, 599-606.	4.4	53
157	A Search for Giant Pulses from Millisecond Pulsars. <i>Astrophysical Journal</i> , 2005, 625, 951-956.	4.5	52
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