

# Marta Burgay

## List of Publications by Year in descending order

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195  
papers

14,789  
citations

23567

58  
h-index

18647

119  
g-index

203  
all docs

203  
docs citations

203  
times ranked

6399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tests of General Relativity from Timing the Double Pulsar. <i>Science</i> , 2006, 314, 97-102.	12.6	817
2	An increased estimate of the merger rate of double neutron stars from observations of a highly relativistic system. <i>Nature</i> , 2003, 426, 531-533.	27.8	806
3	A Population of Fast Radio Bursts at Cosmological Distances. <i>Science</i> , 2013, 341, 53-56.	12.6	803
4	A Double-Pulsar System: A Rare Laboratory for Relativistic Gravity and Plasma Physics. <i>Science</i> , 2004, 303, 1153-1157.	12.6	787
5	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
6	Transient radio bursts from rotating neutron stars. <i>Nature</i> , 2006, 439, 817-820.	27.8	509
7	The International Pulsar Timing Array project: using pulsars as a gravitational wave detector. <i>Classical and Quantum Gravity</i> , 2010, 27, 084013.	4.0	494
8	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
9	European Pulsar Timing Array limits on an isotropic stochastic gravitational-wave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2577-2599.	4.4	380
10	Swings between rotation and accretion power in a binary millisecond pulsar. <i>Nature</i> , 2013, 501, 517-520.	27.8	355
11	High-precision timing of 42 millisecond pulsars with the European Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3341-3380.	4.4	351
12	The International Pulsar Timing Array: First data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1267-1288.	4.4	332
13	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
14	The Cosmic Coalescence Rates for Double Neutron Star Binaries. <i>Astrophysical Journal</i> , 2004, 601, L179-L182.	4.5	275
15	The host galaxy of a fast radio burst. <i>Nature</i> , 2016, 530, 453-456.	27.8	241
16	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
17	Placing limits on the stochastic gravitational-wave background using European Pulsar Timing Array data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 3117-3128.	4.4	207
18	The International Pulsar Timing Array: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4666-4687.	4.4	191

#	ARTICLE	IF	CITATIONS
19	Common-red-signal analysis with 24-yr high-precision timing of the European Pulsar Timing Array: inferences in the stochastic gravitational-wave background search. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4970-4993.	4.4	184
20	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
21	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
22	The SURvey for Pulsars and Extragalactic Radio Bursts " II. New FRB discoveries and their follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1427-1446.	4.4	156
23	A RADIO-LOUD MAGNETAR IN X-RAY QUIESCENCE. <i>Astrophysical Journal Letters</i> , 2010, 721, L33-L37.	8.3	153
24	Transformation of a Star into a Planet in a Millisecond Pulsar Binary. <i>Science</i> , 2011, 333, 1717-1720.	12.6	152
25	European Pulsar Timing Array limits on continuous gravitational waves from individual supermassive black hole binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1665-1679.	4.4	149
26	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
27	A NEW LOW MAGNETIC FIELD MAGNETAR: THE 2011 OUTBURST OF SWIFT J1822.3"1606. <i>Astrophysical Journal</i> , 2012, 754, 27.	4.5	116
28	PSR J1756-2251: A New Relativistic Double Neutron Star System. <i>Astrophysical Journal</i> , 2005, 618, L119-L122.	4.5	114
29	A repeating fast radio burst source in a globular cluster. <i>Nature</i> , 2022, 602, 585-589.	27.8	110
30	THE OUTBURST DECAY OF THE LOW MAGNETIC FIELD MAGNETAR SGR 0418+5729. <i>Astrophysical Journal</i> , 2013, 770, 65.	4.5	109
31	The MeerKAT telescope as a pulsar facility: System verification and early science results from MeerTime. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	108
32	RADIO DETECTION OF LAT PSRs J1741-2054 AND J2032+4127: NO LONGER JUST GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2009, 705, 1-13.	4.5	107
33	The Parkes High-Latitude pulsar survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 283-292.	4.4	106
34	Arecibo Pulsar Survey Using ALFA. II. The Young, Highly Relativistic Binary Pulsar J1906+0746. <i>Astrophysical Journal</i> , 2006, 640, 428-434.	4.5	103
35	The European Pulsar Timing Array: current efforts and a LEAP toward the future. <i>Classical and Quantum Gravity</i> , 2010, 27, 084014.	4.0	101
36	The discovery, monitoring and environment of SGR J1935+2154. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3448-3456.	4.4	98

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37	Strong-Field Gravity Tests with the Double Pulsar. <i>Physical Review X</i> , 2021, 11, .	8.9	97
38	A STRONGLY MAGNETIZED PULSAR WITHIN THE GRASP OF THE MILKY WAY'S SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal Letters</i> , 2013, 775, L34.	8.3	96
39	Discovery of Three Wide-Orbit Binary Pulsars: Implications for Binary Evolution and Equivalence Principles. <i>Astrophysical Journal</i> , 2005, 632, 1060-1068.	4.5	91
40	PSR J1756+2251: a pulsar with a low-mass neutron star companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 2183-2196.	4.4	91
41	Where May Ultrafast Rotating Neutron Stars Be Hidden?. <i>Astrophysical Journal</i> , 2001, 560, L71-L74.	4.5	90
42	X-ray coherent pulsations during a sub-luminous accretion disc state of the transitional millisecond pulsar XSS J12270+4859. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 449, L26-L30.	3.3	82
43	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
44	The SUrvey for Pulsars and Extragalactic Radio Bursts â€” I. Survey description and overview. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 116-135.	4.4	82
45	Radio emission evolution, polarimetry and multifrequency single pulse analysis of the radio magnetar PSR J1622+4950. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2489-2500.	4.4	79
46	The High Time Resolution Universe Pulsar Survey â€” XIII. PSR J1757+1854, the most accelerated binary pulsar. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 475, L57-L61.	3.3	79
47	The High Time Resolution Universe Pulsar Survey - V. Single-pulse energetics and modulation properties of 315 pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1351-1367.	4.4	77
48	The High Time Resolution Universe Pulsar Survey - III. Single-pulse searches and preliminary analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 2465-2476.	4.4	73
49	Tests of gravitational symmetries with pulsar binary J1713+0747. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3249-3260.	4.4	73
50	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
51	THE EVOLUTION OF PSR J0737+3039B AND A MODEL FOR RELATIVISTIC SPIN PRECESSION. <i>Astrophysical Journal</i> , 2010, 721, 1193-1205.	4.5	66
52	The Lowest-frequency Fast Radio Bursts: Sardinia Radio Telescope Detection of the Periodic FRB 180916 at 328 MHz. <i>Astrophysical Journal Letters</i> , 2020, 896, L40.	8.3	65
53	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
54	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

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55	PSR J1740-5340: Accretion Inhibited by Radio Ejection in a Binary Millisecond Pulsar in the Globular Cluster NGC 6397. <i>Astrophysical Journal</i> , 2002, 574, 325-331.	4.5	63
56	The Double Pulsar System J0737-3039: Modulation of A by B at Eclipse. <i>Astrophysical Journal</i> , 2004, 616, L131-L134.	4.5	60
57	NEW LIMITS ON RADIO EMISSION FROM X-RAY DIM ISOLATED NEUTRON STARS. <i>Astrophysical Journal</i> , 2009, 702, 692-706.	4.5	60
58	The High Time Resolution Universe Pulsar Survey – 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
59	PSR J1723-2837: AN ECLIPSING BINARY RADIO MILLISECOND PULSAR. <i>Astrophysical Journal</i> , 2013, 776, 20.	4.5	56
60	AN ABSENCE OF FAST RADIO BURSTS AT INTERMEDIATE GALACTIC LATITUDES. <i>Astrophysical Journal Letters</i> , 2014, 789, L26.	8.3	56
61	Long-Term Variations in the Pulse Emission from PSR J0737-3039B. <i>Astrophysical Journal</i> , 2005, 624, L113-L116.	4.5	54
62	OBSERVATIONS AND MODELING OF RELATIVISTIC SPIN PRECESSION IN PSR J1141-6545. <i>Astrophysical Journal</i> , 2010, 710, 1694-1709.	4.5	54
63	Discovery of the X-Ray Counterpart to the Rotating Radio Transient J1819-1458. <i>Astrophysical Journal</i> , 2006, 639, L71-L74.	4.5	53
64	MULTI-WAVELENGTH OBSERVATIONS OF THE RADIO MAGNETAR PSR J1622-4950 AND DISCOVERY OF ITS POSSIBLY ASSOCIATED SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , 2012, 751, 53.	4.5	53
65	The Sardinia Radio Telescope. <i>Astronomy and Astrophysics</i> , 2017, 608, A40.	5.1	52
66	A Cosmic Census of Radio Pulsars with the SKA. , 2015, , .		51
67	The High Time Resolution Universe pulsar survey - X. Discovery of four millisecond pulsars and updated timing solutions of a further 12. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1865-1883.	4.4	50
68	DISCOVERY OF NEW GAMMA-RAY PULSARS WITH <i>AGILE</i> . <i>Astrophysical Journal</i> , 2009, 695, L115-L119.	4.5	49
69	The Double Pulsar System J0737-3039: Modulation of the Radio Emission from B by Radiation from A. <i>Astrophysical Journal</i> , 2004, 613, L57-L60.	4.5	48
70	The Mean Pulse Profile of PSR J0737-3039A. <i>Astrophysical Journal</i> , 2005, 621, L49-L52.	4.5	48
71	The noise properties of 42 millisecond pulsars from the European Pulsar Timing Array and their impact on gravitational-wave searches. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4421-4440.	4.4	48
72	The SURvey for Pulsars and Extragalactic Radio Bursts – III. Polarization properties of FRBs 160102 and 151230. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2046-2055.	4.4	48

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73	Limits on Anisotropy in the Nanohertz Stochastic Gravitational Wave Background. <i>Physical Review Letters</i> , 2015, 115, 041101.	7.8	47
74	Eight new millisecond pulsars from the first MeerKAT globular cluster census. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1407-1426.	4.4	47
75	Simultaneous multi-telescope observations of FRB 121102. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4565-4573.	4.4	45
76	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
77	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
78	A 6.5-GHz multibeam pulsar survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 1575-1584.	4.4	42
79	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
80	A Search for Pulsars in Quiescent Soft X-Ray Transients. I. <i>Astrophysical Journal</i> , 2003, 589, 902-910.	4.5	39
81	Multiwavelength observations of the transitional millisecond pulsar binary XSS J12270+4859. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2190-2198.	4.4	38
82	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
83	Studying the Solar system with the International Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5501-5516.	4.4	36
84	A Very Young Radio-loud Magnetar. <i>Astrophysical Journal Letters</i> , 2020, 896, L30.	8.3	36
85	DISCOVERY OF EXTENDED X-RAY EMISSION AROUND THE HIGHLY MAGNETIC RRAT J1819-1458. <i>Astrophysical Journal</i> , 2009, 703, L41-L45.	4.5	35
86	The Parkes multibeam pulsar survey "VII. Timing of four millisecond pulsars and the underlying spin-period distribution of the Galactic millisecond pulsar population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2185-2194.	4.4	35
87	Discovery of 105 Hz coherent pulsations in the ultracompact binary IGR J16597+3704. <i>Astronomy and Astrophysics</i> , 2018, 610, L2.	5.1	35
88	Search for radio pulsations in four Anomalous X-ray Pulsars and discovery of two new pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 410-416.	4.4	34
89	Detection of Gamma-Ray Emission from the Vela Pulsar Wind Nebula with <i>AGILE</i> . <i>Science</i> , 2010, 327, 663-665.	12.6	33
90	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

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91	The fast radio burst FRB 20201124A in a star-forming region: Constraints to the progenitor and multiwavelength counterparts. <i>Astronomy and Astrophysics</i> , 2021, 656, L15.	5.1	30
92	SIMULTANEOUS MULTI-BAND RADIO AND X-RAY OBSERVATIONS OF THE GALACTIC CENTER MAGNETAR SGR 1745â€“2900. <i>Astrophysical Journal</i> , 2015, 808, 81.	4.5	29
93	Milliarcsecond Localization of the Repeating FRB 20201124A. <i>Astrophysical Journal Letters</i> , 2022, 927, L3.	8.3	28
94	Noise analysis in the European Pulsar Timing Array data release 2 and its implications on the gravitational-wave background search. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5538-5558.	4.4	28
95	X-ray and radio observations of the magnetar Swiftâˆ“J1834.9âˆ“0846 and its dust-scattering halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 3123-3132.	4.4	27
96	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
97	Spin-down rate and inferred dipole magnetic field of the soft gamma-ray repeater SGR 1627â€“41. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 399, L44-L48.	3.3	26
98	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
99	Magnetar-like X-Ray Bursts Suppress Pulsar Radio Emission. <i>Astrophysical Journal Letters</i> , 2017, 849, L20.	8.3	26
100	Spin-down Evolution and Radio Disappearance of the Magnetar PSR J1622â€“4950. <i>Astrophysical Journal</i> , 2017, 841, 126.	4.5	26
101	X-Ray Emission from the Double Pulsar System J0737-3039. <i>Astrophysical Journal</i> , 2004, 605, L41-L44.	4.5	25
102	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
103	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
104	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
105	Long-term spectral and timing properties of the soft gamma-ray repeater SGRâ€“J1833âˆ“0832 and detection of extended X-ray emission around the radio pulsar PSRâ€“J1830âˆ“08. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	24
106	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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 259-269.	4.4	24
107	Discovery of 59â€“ms pulsations from 1RXS J141256.0+792204 (Calvera). <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 2428-2445.	4.4	23
108	The double pulsar: evolutionary constraints from the system geometry. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	22

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109	Sardinia Radio Telescope wide-band spectral-polarimetric observations of the galaxy cluster 3C129. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3516-3532.	4.4	22
110	Multifrequency observations of SGR J1935+2154. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5367-5384.	4.4	22
111	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
112	Discovery of gamma- and X-ray pulsations from the young and energetic PSR J1357+6429 with <i>Fermi</i> and <i>XMM-Newton</i> . <i>Astronomy and Astrophysics</i> , 2011, 533, A102.	5.1	21
113	Sardinia Roach2-based Digital Architecture for Radio Astronomy (SARDARA). <i>Journal of Astronomical Instrumentation</i> , 2018, 07, .	1.5	20
114	The High Time Resolution Universe Pulsar Survey – XVI. Discovery and timing of 40 pulsars from the southern Galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1063-1087.	4.4	20
115	Search for pulsations at high radio frequencies from accreting millisecond X-ray pulsars in quiescence. <i>Astronomy and Astrophysics</i> , 2010, 519, A13.	5.1	20
116	<i>AGILE</i> OBSERVATIONS OF THE “SOFT” GAMMA-RAY PULSAR PSR B1509 – 58. <i>Astrophysical Journal</i> , 2010, 723, 707-712.	4.5	19
117	Radio light curve of the galaxy possibly associated with FRB 150418. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2143-2150.	4.4	19
118	Strong-field tests of gravity with the double pulsar. <i>Annalen Der Physik</i> , 2006, 15, 34-42.	2.4	18
119	The Perseus Arm Pulsar Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 579-588.	4.4	18
120	A fast radio burst with a low dispersion measure. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	18
121	Age constraints in the double pulsar system J0737-3039. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 1217-1221.	4.4	17
122	THE IDENTIFICATION OF THE OPTICAL COMPANION TO THE BINARY MILLISECOND PULSAR J0610-2100 IN THE GALACTIC FIELD. <i>Astrophysical Journal</i> , 2012, 755, 180.	4.5	17
123	ABeppoSAX Observation of KS 1731+260 in Its Quiescent State: Constraints on the Magnetic Field of the Neutron Star. <i>Astrophysical Journal</i> , 2002, 574, 930-936.	4.5	16
124	XMM-Newton Observation of the Double Pulsar System J0737-3039. <i>Astrophysical Journal</i> , 2004, 613, L53-L56.	4.5	16
125	The High Time Resolution Universe survey – IX. Polarimetry of long-period pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3557-3572.	4.4	16
126	Modelling annual scintillation arc variations in PSR J1643+1224 using the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1104-1114.	4.4	16



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127	The missing GeV $\gamma$ -ray binary: searching for HESS J0632+057 with Fermi-LAT. Monthly Notices of the Royal Astronomical Society, 2013, 436, 740-749.	4.4	15
128	The New Magnetar SGR J1830+0645 in Outburst. Astrophysical Journal Letters, 2021, 907, L34.	8.3	14
129	The High Time Resolution Universe Pulsar Survey â€“ XVII. PSR J1325+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
130	Searching for pulsed emission from XTE J0929+314 at high radio frequencies. Astronomy and Astrophysics, 2009, 497, 445-450.	5.1	13
131	Radio pulsations from the $\gamma$ -ray millisecond pulsar PSR J2039+5617. Monthly Notices of the Royal Astronomical Society, 2021, 502, 935-952.	4.4	11
132	The Large Observatory for x-ray timing. Proceedings of SPIE, 2014, , .	0.8	10
133	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
134	The Very Soft X-ray Spectrum of the Double Pulsar System J0737+3039. Astrophysical Journal, 2008, 680, 654-663.	4.5	10
135	Understanding and improving the timing of PSR J0737+3039B. Astronomy and Astrophysics, 2020, 643, A143.	5.1	10
136	Four pulsar discoveries in NGC 6624 by TRAPUM using MeerKAT. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2292-2301.	4.4	10
137	Accurate X-ray position and multiwavelength observations of the isolated neutron star RBS 1774. Monthly Notices of the Royal Astronomical Society, 2007, 379, 1484-1490.	4.4	9
138	Near-infrared observations of rotating radio transients. Monthly Notices of the Royal Astronomical Society, 2010, 407, 1887-1894.	4.4	9
139	The LOFT mission concept: a status update. Proceedings of SPIE, 2016, , .	0.8	9
140	The First Detection of a Pulsar with ALMA. Astrophysical Journal Letters, 2017, 851, L10.	8.3	9
141	NuSTAR and Parkes observations of the transitional millisecond pulsar binary XSS J12270+4859 in the rotation-powered state. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5607-5619.	4.4	9
142	X-Ray and Radio Bursts from the Magnetar 1E 1547.0+5408. Astrophysical Journal, 2021, 907, 7.	4.5	9
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