

B W Stappers

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230
papers

13,897
citations

60
h-index

113
g-index

253
ext. papers

16,235
ext. citations

5.9
avg, IF

5.87
L-index

#	Paper	IF	Citations
230	Study of 72 Pulsars Discovered in the PALFA Survey: Timing Analysis, Glitch Activity, Emission Variability, and a Pulsar in an Eccentric Binary. <i>Astrophysical Journal</i> , 2022 , 924, 135	4.7	2
229	Modelling annual scintillation arc variations in PSR J1643-224 using the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 1104-1114	4.3	2
228	Long term radio and X-ray evolution of the magnetar Swift J1818.0-1607. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 1687-1695	4.3	0
227	A search for planetary companions around 800 pulsars from the Jodrell Bank pulsar timing programme. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2446-2459	4.3	1
226	Two New Black Widow Millisecond Pulsars in M28. <i>Astrophysical Journal</i> , 2022 , 927, 126	4.7	0
225	MeerTRAP: 12 Galactic fast transients detected in a real-time, commensal MeerKAT survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 1483-1498	4.3	1
224	Unraveling the Eclipse Mechanism of a Binary Millisecond Pulsar Using Broadband Radio Spectra. <i>Astrophysical Journal</i> , 2021 , 920, 58	4.7	0
223	Discovery of ASKAP J173608.2-21635 as a Highly Polarized Transient Point Source with the Australian SKA Pathfinder. <i>Astrophysical Journal</i> , 2021 , 920, 45	4.7	3
222	Multifrequency observations of SGR J1935+2154. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 5367-5384	4.3	8
221	Eight new millisecond pulsars from the first MeerKAT globular cluster census. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 1407-1426	4.3	10
220	Discovery and Timing of Three Millisecond Pulsars in Radio and Gamma-Rays with the Giant Metrewave Radio Telescope and Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2021 , 910, 160	4.7	1
219	The slow rise and recovery of the 2019 Crab pulsar glitch. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021 , 505, L6-L10	4.3	2
218	An analysis of the time-frequency structure of several bursts from FRB 121102 detected with MeerKAT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 3041-3053	4.3	7
217	MeerCRAB: MeerLICHT classification of real and bogus transients using deep learning. <i>Experimental Astronomy</i> , 2021 , 51, 319	1.3	0
216	Constraints on wide-band radiative changes after a glitch in PSR J1452-036. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 406-415	4.3	3
215	Multifrequency study of the peculiar pulsars PSR B0919+06 and PSR B1859+07. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 5836-5847	4.3	1
214	A broad-band radio study of PSR J0250+5854: the slowest spinning radio pulsar known. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 508, 1102-1114	4.3	2

213	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	4.3	2
212	IQRM: real-time adaptive RFI masking for radio transient and pulsar searches. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 1393-1403	4.3	1
211	The detection of radio emission from known X-ray flaring star EXO 040830-134.7. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 1083-1092	4.3	0
210	Timing stability of three black widow pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 2591-2599	4.3	4
209	Imbalance learning for variable star classification. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 6050-6059	4.3	9
208	Very Long Baseline Astrometry of PSR J1012+5307 and its Implications on Alternative Theories of Gravity. <i>Astrophysical Journal</i> , 2020 , 896, 85	4.7	12
207	Possible periodic activity in the repeating FRB 121102. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 3551-3558	4.3	96
206	The FAST Discovery of an Eclipsing Binary Millisecond Pulsar in the Globular Cluster M92 (NGC 6341). <i>Astrophysical Journal Letters</i> , 2020 , 892, L6	7.9	12
205	The LOFAR Tied-Array all-sky survey: Timing of 21 pulsars including the first binary pulsar discovered with LOFAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 5878-5896	4.3	5
204	Study of spider pulsar binary eclipses and discovery of an eclipse mechanism transition. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 2948-2968	4.3	17
203	Simultaneous multi-telescope observations of FRB 121102. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 4565-4573	4.3	22
202	MKT 170456.2-82100: the first transient discovered by MeerKAT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 560-575	4.3	7
201	A pulsar-based time-scale from the International Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 5951-5965	4.3	21
200	Discovery and Timing of Pulsars in the Globular Cluster M13 with FAST. <i>Astrophysical Journal</i> , 2020 , 892, 43	4.7	11
199	The High Time Resolution Universe Pulsar Survey â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	4.3	9
198	Study of Eclipses for Redback Pulsar J1227-853. <i>Astrophysical Journal</i> , 2020 , 900, 194	4.7	4
197	Spectrotemporal Analysis of a Sample of Bursts from FRB 121102. <i>Research Notes of the AAS</i> , 2020 , 4, 150	0.8	1
196	A precise mass measurement of PSR J2045-633. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 4082-4096	4.3	3

195	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,	5.5	47
194	A MeerKAT survey of nearby nova-like cataclysmic variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 2542-2557	4.3	7
193	Limits on absorption from a 332-MHz survey for fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 4418-4427	4.3	7
192	Giant pulses from J1823-021A observed with the MeerKAT telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 875-882	4.3	5
191	Measuring interstellar delays of PSR J0613-0200 over 7yr, using the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 1468-1479	4.3	10
190	High-cadence observations and variable spin behaviour of magnetar Swift J1818.0-607 after its outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 6044-6056	4.3	9
189	Optimal periodicity searching: revisiting the fast folding algorithm for large-scale pulsar surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 4654-4671	4.3	11
188	Long-term variability of a black widow's eclipses a decade of PSR J2051-0827. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 889-908	4.3	17
187	Radio emission from a pulsar's magnetic pole revealed by general relativity. <i>Science</i> , 2019 , 365, 1013-1015	5.3	26
186	Searching a Thousand Radio Pulsars for Gamma-Ray Emission. <i>Astrophysical Journal</i> , 2019 , 871, 78	4.7	26
185	Polarization studies of rotating radio transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1191-1199	4.3	2
184	Targeted search for young radio pulsars in the SMC: discovery of two new pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 4332-4342	4.3	7
183	Scattering features and variability of the Crab pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 1224-1232	4.3	8
182	FRB 121102 Bursts Show Complex Time-frequency Structure. <i>Astrophysical Journal Letters</i> , 2019 , 876, L23	7.9	158
181	Microarcsecond VLBI Pulsar Astrometry with PSRII. Parallax Distances for 57 Pulsars. <i>Astrophysical Journal</i> , 2019 , 875, 100	4.7	54
180	The High Time Resolution Universe survey aXIV. Discovery of 23 pulsars through GPU-accelerated reprocessing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 3673-3685	4.3	20
179	Constraining the era of helium reionization using fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 2281-2286	4.3	24
178	Mode switching and oscillations in PSR B1828-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 3230-3240	4.3	17

177	The semicentennial binary system PSR J2032+4127 at periastron: X-ray photometry, optical spectroscopy and SPH modelling.. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 ,	4.3	4
176	Spin frequency evolution and pulse profile variations of the recently re-activated radio magnetar XTE J1810-197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 5251-5258	4.3	21
175	The GMRT High-resolution Southern Sky Survey for Pulsars and Transients. II. New Discoveries, Timing, and Polarization Properties. <i>Astrophysical Journal</i> , 2019 , 881, 59	4.7	7
174	Five new real-time detections of fast radio bursts with UTMOST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 2989-3002	4.3	31
173	The International Pulsar Timing Array: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 4666-4687	4.3	107
172	A fast radio burst in the direction of the Virgo Cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 1-8	4.3	13
171	Are all fast radio bursts repeating sources?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 5500-5508	4.3	40
170	The High Time Resolution Universe Pulsar Survey âXV. Completion of the intermediate-latitude survey with the discovery and timing of 25 further pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 5791-5801	4.3	9
169	Eight Millisecond Pulsars Discovered in the Arecibo PALFA Survey. <i>Astrophysical Journal</i> , 2019 , 886, 148	4.7	8
168	First search for long-duration transient gravitational waves after glitches in the Vela and Crab pulsars. <i>Physical Review D</i> , 2019 , 100,	4.9	9
167	X-Ray and Radio Variabilities of PSR J2032+4127 near Periastron. <i>Astrophysical Journal</i> , 2019 , 880, 147	4.7	4
166	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019 , 62, 1	3.6	31
165	Dense matter with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019 , 62, 1	3.6	59
164	Tests of gravitational symmetries with pulsar binary J1713+0747. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 3249-3260	4.3	50
163	The High Time Resolution Universe Pulsar Survey âXIII. PSR J1757-854, the most accelerated binary pulsar. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018 , 475, L57-L61	4.3	60
162	Resolving discrete pulsar spin-down states with current and future instrumentation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 5443-5459	4.3	3
161	LOFAR 150-MHz observations of SS 433 and W 50. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 5360-5377	4.3	13
160	Large Magneto-ionic Variations toward the Galactic Center Magnetar, PSR J1745-2900. <i>Astrophysical Journal Letters</i> , 2018 , 852, L12	7.9	33

159	The prospects of pulsar timing with new-generation radio telescopes and the Square Kilometre Array. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018 , 376,	3	9
158	A long-term study of three rotating radio transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 4090-4103	4.3	5
157	High-precision pulsar timing and spin frequency second derivatives. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 2359-2367	4.3	10
156	PSR J2322+650 – a low-luminosity millisecond pulsar with a planetary-mass companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 469-477	4.3	14
155	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	4.3	38
154	The low-frequency radio eclipses of the black widow pulsar J1810+1744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 1968-1981	4.3	30
153	Improving timing sensitivity in the microhertz frequency regime: limits from PSR J1713+0747 on gravitational waves produced by supermassive black hole binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 218-227	4.3	15
152	A detailed study of giant pulses from PSR B1937+21 using the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	16
151	Single-pulse classifier for the LOFAR Tied-Array All-sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 3457-3467	4.3	23
150	A fast radio burst with a low dispersion measure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	14
149	Revival of the Magnetar PSR J1622-950: Observations with MeerKAT, Parkes, XMM-Newton, Swift, Chandra, and NuSTAR. <i>Astrophysical Journal</i> , 2018 , 856, 180	4.7	77
148	Studying the Solar system with the International Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 5501-5516	4.3	24
147	PSR J1755+550: a young radio pulsar with a massive, compact companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 4315-4326	4.3	17
146	The largest glitch observed in the Crab pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 3832-3840	4.3	39
145	Ensemble candidate classification for the LOTAAS pulsar survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 4571-4583	4.3	16
144	TIMING OF 29 PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017 , 834, 137	4.7	19
143	TWO LONG-TERM INTERMITTENT PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017 , 834, 72	4.7	34
142	A massive millisecond pulsar in an eccentric binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 1711-1719	4.3	28

141	1,000,000 Giant Pulses from the Crab Pulsar. <i>Proceedings of the International Astronomical Union, 2017, 13, 380-381</i>	0.1	0
140	Evolution of the low-frequency pulse profile of PSR B2217+47. <i>Proceedings of the International Astronomical Union, 2017, 13, 291-294</i>	0.1	1
139	MeerTRAP: A pulsar and fast transients survey with MeerKAT. <i>Proceedings of the International Astronomical Union, 2017, 13, 406-407</i>	0.1	5
138	Magnetospheric Switching in PSR B1828-1. <i>Proceedings of the International Astronomical Union, 2017, 13, 233-236</i>	0.1	
137	Correlated emission and spin-down variability in radio pulsars. <i>Proceedings of the International Astronomical Union, 2017, 13, 58-61</i>	0.1	
136	The glitch activity of neutron stars. <i>Astronomy and Astrophysics, 2017, 608, A131</i>	5.1	53
135	Targeted millisecond pulsar surveys of Fermi γ sources with LOFAR. <i>Proceedings of the International Astronomical Union, 2017, 13, 33-36</i>	0.1	1
134	The eclipses of the black widow pulsar J1810+1744 at low radio frequencies. <i>Proceedings of the International Astronomical Union, 2017, 13, 396-397</i>	0.1	
133	PAFINDER – Searching for FRBs and pulsars using Phased Array Feeds. <i>Proceedings of the International Astronomical Union, 2017, 13, 370-371</i>	0.1	
132	Multiwavelength monitoring and X-ray brightening of Be X-ray binary PSR J2032+4127/MT91213 on its approach to periastron. <i>Monthly Notices of the Royal Astronomical Society, 2017, 464, 1211-1219</i>	4.3	39
131	A Millisecond Pulsar Discovery in a Survey of Unidentified Fermi γ Sources with LOFAR. <i>Astrophysical Journal Letters, 2017, 846, L19</i>	7.9	13
130	Evidence for an intermediate-mass black hole in the globular cluster NGC 6624. <i>Monthly Notices of the Royal Astronomical Society, 2017, 468, 2114-2127</i>	4.3	53
129	Pulsar Observations at the Ghana Radio Astronomy Observatory. <i>Proceedings of the International Astronomical Union, 2017, 13, 410-411</i>	0.1	0
128	Evidence for an intermediate-mass black hole in NGC 6624. <i>Proceedings of the International Astronomical Union, 2017, 13, 247-250</i>	0.1	1
127	Fast Radio Transients: From Pulsars to Fast Radio Bursts: Invited talk. <i>Proceedings of the International Astronomical Union, 2017, 14, 27-32</i>	0.1	
126	Radio Transients in the Era of Multi-Messenger Astrophysics: Workshop 1. <i>Proceedings of the International Astronomical Union, 2017, 14, 207-214</i>	0.1	
125	Kinematic effects on high order spin frequency derivatives. <i>Proceedings of the International Astronomical Union, 2017, 13, 362-363</i>	0.1	
124	Variability, polarimetry, and timing properties of single pulses from PSR J1713+0747 using the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society, 2016, 463, 3239-3248</i>	4.3	12

123	A glitch in the millisecond pulsar J0613+0200. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 2809-2817	4-3	46
122	TIMING OF FIVE PALFA-DISCOVERED MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2016 , 833, 192	4-7	15
121	Fifty years of pulsar candidate selection: from simple filters to a new principled real-time classification approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 1104-1123	4-3	101
120	A millisecond pulsar in an extremely wide binary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 2207-2222	4-3	28
119	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	4-3	63
118	The host galaxy of a fast radio burst. <i>Nature</i> , 2016 , 530, 453-6	50-4	212
117	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	4-3	38
116	LEAP: the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 2196-2209	4-3	54
115	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	4-3	114
114	A LOFAR census of millisecond pulsars. <i>Astronomy and Astrophysics</i> , 2016 , 585, A128	5-1	61
113	THE GMRT HIGH RESOLUTION SOUTHERN SKY SURVEY FOR PULSARS AND TRANSIENTS. I. SURVEY DESCRIPTION AND INITIAL DISCOVERIES. <i>Astrophysical Journal</i> , 2016 , 817, 130	4-7	18
112	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. <i>Astrophysical Journal</i> , 2016 , 833, 177	4-7	206
111	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	4-3	241
110	A large light-mass component of cosmic rays at 10(17)-10(17.5) electronvolts from radio observations. <i>Nature</i> , 2016 , 531, 70-3	50-4	90
109	A repeating fast radio burst. <i>Nature</i> , 2016 , 531, 202-5	50-4	533
108	The International Pulsar Timing Array: First data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 1267-1288	4-3	239
107	New methods to constrain the radio transient rate: results from a survey of four fields with LOFAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3161-3174	4-3	19
106	Low-radio-frequency eclipses of the redback pulsar J2215+5135 observed in the image plane with LOFAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 2681-2689	4-3	22

105	THE BINARY COMPANION OF YOUNG, RELATIVISTIC PULSAR J1906+0746. <i>Astrophysical Journal</i> , 2015 , 798, 118	4-7	63
104	TIMING OF FIVE MILLISECOND PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2015 , 800, 123	4-7	35
103	45 years of rotation of the Crab pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 857-864	4-3	155
102	Understanding the spin-down rate changes of PSR B0919+06. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 1380-1388	4-3	28
101	LOFAR discovery of a quiet emission mode in PSR B0823+26. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 2493-2506	4-3	32
100	Limits on Anisotropy in the Nanohertz Stochastic Gravitational Wave Background. <i>Physical Review Letters</i> , 2015 , 115, 041101	7-4	42
99	Einstein@Home DISCOVERY OF A PALFA MILLISECOND PULSAR IN AN ECCENTRIC BINARY ORBIT. <i>Astrophysical Journal</i> , 2015 , 806, 140	4-7	20
98	The LOFAR Transients Pipeline. <i>Astronomy and Computing</i> , 2015 , 11, 25-48	2-4	47
97	Long-term observations of three nulling pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 1495-1504	4-3	20
96	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	4-3	283
95	A survey of FRB fields: limits on repeatability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 457-462	4-3	69
94	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	4-3	43
93	The Future of Pulsar Timing Arrays. <i>Proceedings of the International Astronomical Union</i> , 2015 , 11, 344-350.		1
92	Localising fast radio bursts and other transients using interferometric arrays. <i>Astronomy and Astrophysics</i> , 2015 , 579, A69	5-1	10
91	Single-pulse and profile-variability study of PSR J1022+1001. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 1158-1169	4-3	15
90	The binary nature of PSR J2032+4127. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 581-587	4-3	95
89	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	4-3	206
88	A 24 HR GLOBAL CAMPAIGN TO ASSESS PRECISION TIMING OF THE MILLISECOND PULSAR J1713+0747. <i>Astrophysical Journal</i> , 2014 , 794, 21	4-7	33

87	Summary of session C1: pulsar timing arrays. <i>General Relativity and Gravitation</i> , 2014 , 46, 1	2.3	
86	Neutron star glitches have a substantial minimum size. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 2755-2762	4.3	38
85	PSR J1756-251: a pulsar with a low-mass neutron star companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 2183-2196	4.3	70
84	Model-based asymptotically optimal dispersion measure correction for pulsar timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 441, 2831-2844	4.3	37
83	ARECIBO PULSAR SURVEY USING ALFA. III. PRECURSOR SURVEY AND POPULATION SYNTHESIS. <i>Astrophysical Journal</i> , 2014 , 787, 137	4.7	15
82	Six faint gamma-ray pulsars seen with the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2014 , 570, A44	5.1	18
81	A strong magnetic field around the supermassive black hole at the centre of the Galaxy. <i>Nature</i> , 2013 , 501, 391-4	50.4	261
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