B W Stappers

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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	LOFAR: The LOw-Frequency ARray. *Astronomy and Astrophysics*, **2013**, 556, A2	5.1	1266
229	A population of fast radio bursts at cosmological distances. *Science*, **2013**, 341, 53-6	33.3	656
228	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. *Astrophysical Journal, Supplement Series*, **2013**, 208, 17	8	583
227	A repeating fast radio burst. *Nature*, **2016**, 531, 202-5	50.4	533
226	The International Pulsar Timing Array project: using pulsars as a gravitational wave detector. *Classical and Quantum Gravity*, **2010**, 27, 084013	3.3	376
225	THE FIRST FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. *Astrophysical Journal, Supplement Series*, **2010**, 187, 460-494	8	365
224	Switched magnetospheric regulation of pulsar spin-down. *Science*, **2010**, 329, 408-12	33.3	352
223	A study of 315 glitches in the rotation of 102 pulsars. *Monthly Notices of the Royal Astronomical Society*, **2011**, 414, 1679-1704	4.3	312
222	European Pulsar Timing Array limits on an isotropic stochastic gravitational-wave background. *Monthly Notices of the Royal Astronomical Society*, **2015**, 453, 2577-2599	4.3	283
221	A strong magnetic field around the supermassive black hole at the centre of the Galaxy. *Nature*, **2013**, 501, 391-4	50.4	261
220	High-precision timing of 42 millisecond pulsars with the European Pulsar Timing Array. *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 3341-3380	4.3	241
219	The International Pulsar Timing Array: First data release. *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 1267-1288	4.3	239
218	The High Time Resolution Universe Pulsar Survey - I. System configuration and initial discoveries. *Monthly Notices of the Royal Astronomical Society*, **2010**, 409, 619-627	4.3	236
217	The host galaxy of a fast radio burst. *Nature*, **2016**, 530, 453-6	50.4	212
216	A real-time fast radio burst: polarization detection and multiwavelength follow-up. *Monthly Notices of the Royal Astronomical Society*, **2015**, 447, 246-255	4.3	206
215	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. *Astrophysical Journal*, **2016**, 833, 177	4.7	206
214	On the nature and evolution of the unique binary pulsar J1903+0327. *Monthly Notices of the Royal Astronomical Society*, **2011**, 412, 2763-2780	4.3	199

213	On the origin of a highly dispersed coherent radio burst. *Monthly Notices of the Royal Astronomical Society: Letters*, **2012**, 425, L71-L75	4.3	184
212	Placing limits on the stochastic gravitational-wave background using European Pulsar Timing Array data. *Monthly Notices of the Royal Astronomical Society*, **2011**, 414, 3117-3128	4.3	184
211	Observing pulsars and fast transients with LOFAR. *Astronomy and Astrophysics*, **2011**, 530, A80	5.1	166
210	FRB 121102 Bursts Show Complex Time–Frequency Structure. *Astrophysical Journal Letters*, **2019**, 876, L23	7.9	158
209	45 years of rotation of the Crab pulsar. *Monthly Notices of the Royal Astronomical Society*, **2015**, 446, 857-864	4.3	155
208	An eccentric binary millisecond pulsar in the galactic plane. *Science*, **2008**, 320, 1309-12	33.3	131
207	Pulsar searches and timing with the square kilometre array. *Astronomy and Astrophysics*, **2009**, 493, 1161-1170	5.1	130
206	Rotating Radio Transients: new discoveries, timing solutions and musings. *Monthly Notices of the Royal Astronomical Society*, **2011**, 415, 3065-3080	4.3	127
205	Transformation of a star into a planet in a millisecond pulsar binary. *Science*, **2011**, 333, 1717-20	33.3	124
204	THREE MILLISECOND PULSARS IN FERMI LAT UNASSOCIATED BRIGHT SOURCES. *Astrophysical Journal Letters*, **2011**, 727, L16	7.9	123
203	European Pulsar Timing Array limits on continuous gravitational waves from individual supermassive black hole binaries. *Monthly Notices of the Royal Astronomical Society*, **2016**, 455, 1665-1679	4.3	114
202	Generic tests of the existence of the gravitational dipole radiation and the variation of the gravitational constant. *Monthly Notices of the Royal Astronomical Society*, **2009**, 400, 805-814	4.3	114
201	Constraints on cosmic string tension imposed by the limit on the stochastic gravitational wave background from the European Pulsar Timing Array. *Physical Review D*, **2012**, 85,	4.9	108
200	The International Pulsar Timing Array: second data release. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 4666-4687	4.3	107
199	Fifty years of pulsar candidate selection: from simple filters to a new principled real-time classification approach. *Monthly Notices of the Royal Astronomical Society*, **2016**, 459, 1104-1123	4.3	101
198	Evidence from a processing pulsar orbit for a neutron-star birth kick. *Nature*, **1996**, 381, 584-586	50.4	100
197	Possible periodic activity in the repeating FRB 121102. *Monthly Notices of the Royal Astronomical Society*, **2020**, 495, 3551-3558	4.3	96
196	The binary nature of PSR J2032+4127. *Monthly Notices of the Royal Astronomical Society*, **2015**, 451, 581-587	4.3	95

195	Arecibo Pulsar Survey Using ALFA. II. The Young, Highly Relativistic Binary Pulsar J1906+0746. *Astrophysical Journal*, **2006**, 640, 428-434	4.7	93
194	A large light-mass component of cosmic rays at 10(17)-10(17.5) electronvolts from radio observations. *Nature*, **2016**, 531, 70-3	50.4	90
193	ARECIBO PULSAR SURVEY USING ALFA: PROBING RADIO PULSAR INTERMITTENCY AND TRANSIENTS. *Astrophysical Journal*, **2009**, 703, 2259-2274	4.7	88
192	Is Pulsar B0656+14 a Very Nearby Rotating Radio Transient?. *Astrophysical Journal*, **2006**, 645, L149-L152	4.7	86
191	Evolution of the magnetic field structure of the Crab pulsar. *Science*, **2013**, 342, 598-601	33.3	85
190	Further searches for Rotating Radio Transients in the Parkes Multi-beam Pulsar Survey. *Monthly Notices of the Royal Astronomical Society*, **2010**, 401, 1057-1068	4.3	85
189	The European Pulsar Timing Array: current efforts and a LEAP toward the future. *Classical and Quantum Gravity*, **2010**, 27, 084014	3.3	83
188	Pulsar timing for theFermigamma-ray space telescope. *Astronomy and Astrophysics*, **2008**, 492, 923-931	5.1	79
187	Revival of the Magnetar PSR J1622â2950: Observations with MeerKAT, Parkes,XMM-Newton,Swift,Chandra, andNuSTAR. *Astrophysical Journal*, **2018**, 856, 180	4.7	77
186	Selection of radio pulsar candidates using artificial neural networks. *Monthly Notices of the Royal Astronomical Society*, **2010**, 407, 2443-2450	4.3	76
185	The Northern High Time Resolution Universe pulsar survey â. Setup and initial discoveries. *Monthly Notices of the Royal Astronomical Society*, **2013**, 435, 2234-2245	4.3	74
184	Calibrating high-precision Faraday rotation measurements for LOFAR and the next generation of low-frequency radio telescopes. *Astronomy and Astrophysics*, **2013**, 552, A58	5.1	74
183	PSR J1756â2251: a pulsar with a low-mass neutron star companion. *Monthly Notices of the Royal Astronomical Society*, **2014**, 443, 2183-2196	4.3	70
182	A survey of FRB fields: limits on repeatability. *Monthly Notices of the Royal Astronomical Society*, **2015**, 454, 457-462	4.3	69
181	Wide-band simultaneous observations of pulsars: disentangling dispersion measure and profile variations. *Astronomy and Astrophysics*, **2012**, 543, A66	5.1	69
180	Giant pulses from the Crab pulsar. *Astronomy and Astrophysics*, **2010**, 515, A36	5.1	66
179	Polarized radio emission from a magnetar. *Monthly Notices of the Royal Astronomical Society*, **2007**, 377, 107-119	4.3	66
178	Multi-telescope timing of PSR J1518+4904. *Astronomy and Astrophysics*, **2008**, 490, 753-761	5.1	65

177	THE BINARY COMPANION OF YOUNG, RELATIVISTIC PULSAR J1906+0746. *Astrophysical Journal*, **2015**, 798, 118	4.7	63
176	From spin noise to systematics: stochastic processes in the first International Pulsar Timing Array data release. *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 2161-2187	4.3	63
175	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	4.3	63
174	AN ASTEROID BELT INTERPRETATION FOR THE TIMING VARIATIONS OF THE MILLISECOND PULSAR B1937+21. *Astrophysical Journal*, **2013**, 766, 5	4.7	62
173	DISCOVERY OF TWO MILLISECOND PULSARS INFERMISOURCES WITH THE NANÂY RADIO TELESCOPE. *Astrophysical Journal*, **2011**, 732, 47	4.7	61
172	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	4.3	61
171	A LOFAR census of millisecond pulsars. *Astronomy and Astrophysics*, **2016**, 585, A128	5.1	61
170	The High Time Resolution Universe Pulsar Survey âXIII. PSR J1757â1854, the most accelerated binary pulsar. *Monthly Notices of the Royal Astronomical Society: Letters*, **2018**, 475, L57-L61	4.3	60
169	Dense matter with eXTP. *Science China: Physics, Mechanics and Astronomy*, **2019**, 62, 1	3.6	59
168	THE DOUBLE PULSAR: EVIDENCE FOR NEUTRON STAR FORMATION WITHOUT AN IRON CORE-COLLAPSE SUPERNOVA. *Astrophysical Journal*, **2013**, 767, 85	4.7	57
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165	Microarcsecond VLBI Pulsar Astrometry with PSRI. Parallax Distances for 57 Pulsars. *Astrophysical Journal*, **2019**, 875, 100	4.7	54
164	LEAP: the Large European Array for Pulsars. *Monthly Notices of the Royal Astronomical Society*, **2016**, 456, 2196-2209	4.3	54
163	The glitch activity of neutron stars. *Astronomy and Astrophysics*, **2017**, 608, A131	5.1	53
162	Evidence for an intermediate-mass black hole in the globular cluster NGC 6624. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 2114-2127	4.3	53
161	The High Time Resolution Universe Pulsar Survey âVI. An artificial neural network and timing of 75 pulsars. *Monthly Notices of the Royal Astronomical Society*, **2012**, 427, 1052-1065	4.3	52
160	Fermi detection of a luminous γ-ray pulsar in a globular cluster. *Science*, **2011**, 334, 1107-10	33.3	51

159	Tests of gravitational symmetries with pulsar binary J1713+0747. *Monthly Notices of the Royal Astronomical Society*, **2019**, 482, 3249-3260	4.3	50
158	Prospects for high-precision pulsar timing. *Monthly Notices of the Royal Astronomical Society*, **2011**, 417, 2916-2926	4.3	49
157	The LOFAR Transients Pipeline. *Astronomy and Computing*, **2015**, 11, 25-48	2.4	47
156	The MeerKAT telescope as a pulsar facility: System verification and early science results from MeerTime. *Publications of the Astronomical Society of Australia*, **2020**, 37,	5.5	47
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154	THEEINSTEIN@HOMESEARCH FOR RADIO PULSARS AND PSR J2007+2722 DISCOVERY. *Astrophysical Journal*, **2013**, 773, 91	4.7	46
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152	The binary pulsar PSR J1811-1736: evidence of a low amplitude supernova kick. *Astronomy and Astrophysics*, **2007**, 462, 703-709	5.1	44
151	The High Time Resolution Universe Pulsar Survey âXII. Galactic plane acceleration search and the discovery of 60 pulsars. *Monthly Notices of the Royal Astronomical Society*, **2015**, 450, 2922-2947	4.3	43
150	The nature of the PSR J2051--0827 eclipses. *Monthly Notices of the Royal Astronomical Society*, **2001**, 321, 576-584	4.3	43
149	Limits on Anisotropy in the Nanohertz Stochastic Gravitational Wave Background. *Physical Review Letters*, **2015**, 115, 041101	7.4	42
148	Simultaneous multifrequency single-pulse properties of AXP XTE J1810-197. *Monthly Notices of the Royal Astronomical Society*, **2009**, 394, 295-308	4.3	41
147	Unusual glitch activity in the RRAT J1819?1458: an exhausted magnetar?. *Monthly Notices of the Royal Astronomical Society*, **2009**, 400, 1439-1444	4.3	41
146	Are all fast radio bursts repeating sources?. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 5500-5508	4.3	40
145	Multiwavelength monitoring and X-ray brightening of Be X-ray binary PSR J2032+4127/MT91213 on its approach to periastron. *Monthly Notices of the Royal Astronomical Society*, **2017**, 464, 1211-1219	4.3	39
144	The High Time Resolution Universe Pulsar Survey - IV. Discovery and polarimetry of millisecond pulsars. *Monthly Notices of the Royal Astronomical Society*, **2012**, 419, 1752-1765	4.3	39
143	Radio spectrum of the AXP J1810â197 and of its profile components. *Monthly Notices of the Royal Astronomical Society*, **2008**, 390, 839-846	4.3	39
142	The largest glitch observed in the Crab pulsar. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 3832-3840	4.3	39

141	The noise properties of 42 millisecond pulsars from the European Pulsar Timing Array and their impact on gravitational-wave searches. *Monthly Notices of the Royal Astronomical Society*, **2016**, 457, 4421-4440	4.3	38
140	The SUrvey for Pulsars and Extragalactic Radio Bursts â II. Polarization properties of FRBs 160102 and 151230. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 2046-2055	4.3	38
139	Neutron star glitches have a substantial minimum size. *Monthly Notices of the Royal Astronomical Society*, **2014**, 440, 2755-2762	4.3	38
138	The High Time Resolution Universe Pulsar Survey â I. Discovery of five millisecond pulsars. *Monthly Notices of the Royal Astronomical Society*, **2011**, 416, 2455-2464	4.3	38
137	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2009**, 700, 1059-1066	4.7	38
136	The Orbital Evolution and Proper Motion of PSR J2051â 0827. *Astrophysical Journal*, **1998**, 499, L183-L186	4.7	38
135	Model-based asymptotically optimal dispersion measure correction for pulsar timing. *Monthly Notices of the Royal Astronomical Society*, **2014**, 441, 2831-2844	4.3	37
134	TIMING OF FIVE MILLISECOND PULSARS DISCOVERED IN THE PALFA SURVEY. *Astrophysical Journal* , **2015**, 800, 123	4.7	35
133	TWO LONG-TERM INTERMITTENT PULSARS DISCOVERED IN THE PALFA SURVEY. *Astrophysical Journal*, **2017**, 834, 72	4.7	34
132	Large Magneto-ionic Variations toward the Galactic Center Magnetar, PSR J1745-2900. *Astrophysical Journal Letters*, **2018**, 852, L12	7.9	33
131	A 24 HR GLOBAL CAMPAIGN TO ASSESS PRECISION TIMING OF THE MILLISECOND PULSAR J1713+0747. *Astrophysical Journal*, **2014**, 794, 21	4.7	33
130	LOFAR discovery of a quiet emission mode in PSR B0823+26. *Monthly Notices of the Royal Astronomical Society*, **2015**, 451, 2493-2506	4.3	32
129	Five new real-time detections of fast radio bursts with UTMOST. *Monthly Notices of the Royal Astronomical Society*, **2019**, 488, 2989-3002	4.3	31
128	Observatory science with eXTP. *Science China: Physics, Mechanics and Astronomy*, **2019**, 62, 1	3.6	31
127	The low-frequency radio eclipses of the black widow pulsar J1810+1744. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 1968-1981	4.3	30
126	PSR J0045â 7319: A Dual-Line Binary Radio Pulsar. *Astrophysical Journal*, **1995**, 447,	4.7	29
125	A massive millisecond pulsar in an eccentric binary. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 1711-1719	4.3	28
124	Understanding the spin-down rate changes of PSR B0919+06. *Monthly Notices of the Royal Astronomical Society*, **2015**, 446, 1380-1388	4.3	28

123	A millisecond pulsar in an extremely wide binary system. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 2207-2222	4.3	28
122	Radio emission from a pulsar's magnetic pole revealed by general relativity. *Science*, **2019**, 365, 1013-1017	33.3	26
121	Searching a Thousand Radio Pulsars for Gamma-Ray Emission. *Astrophysical Journal*, **2019**, 871, 78	4.7	26
120	TWO MILLISECOND PULSARS DISCOVERED BY THE PALFA SURVEY AND A SHAPIRO DELAY MEASUREMENT. *Astrophysical Journal*, **2012**, 757, 89	4.7	26
119	Constraining the era of helium reionization using fast radio bursts. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 2281-2286	4.3	24
118	Studying the Solar system with the International Pulsar Timing Array. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 5501-5516	4.3	24
117	On the pulse intensity modulation of PSR B0823+26. *Monthly Notices of the Royal Astronomical Society*, **2012**, 427, 114-126	4.3	23
116	Long-term radio observations of the intermittent pulsar B1931+24. *Monthly Notices of the Royal Astronomical Society*, **2013**, 429, 2569-2580	4.3	23
115	The frequency-dependence of drifting subpulse patterns. *Astronomy and Astrophysics*, **2003**, 410, 961-966	5.1	23
114	Single-pulse classifier for the LOFAR Tied-Array All-sky Survey. *Monthly Notices of the Royal Astronomical Society*, **2018**, 480, 3457-3467	4.3	23
113	Simultaneous multi-telescope observations of FRB 121102. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 4565-4573	4.3	22
112	ARECIBO PALFA SURVEY AND EINSTEIN@HOME: BINARY PULSAR DISCOVERY BY VOLUNTEER COMPUTING. *Astrophysical Journal Letters*, **2011**, 732, L1	7.9	22
111	Low-radio-frequency eclipses of the redback pulsar J2215+5135 observed in the image plane with LOFAR. *Monthly Notices of the Royal Astronomical Society*, **2016**, 459, 2681-2689	4.3	22
110	A pulsar-based time-scale from the International Pulsar Timing Array. *Monthly Notices of the Royal Astronomical Society*, **2020**, 491, 5951-5965	4.3	21
109	Spin frequency evolution and pulse profile variations of the recently re-activated radio magnetar XTE J1810â197. *Monthly Notices of the Royal Astronomical Society*, **2019**, 488, 5251-5258	4.3	21
108	TIMING AND INTERSTELLAR SCATTERING OF 35 DISTANT PULSARS DISCOVERED IN THE PALFA SURVEY. *Astrophysical Journal*, **2013**, 772, 50	4.7	21
107	The High Time Resolution Universe survey âXIV. Discovery of 23 pulsars through GPU-accelerated reprocessing. *Monthly Notices of the Royal Astronomical Society*, **2019**, 483, 3673-3685	4.3	20
106	Einstein@HomeDISCOVERY OF A PALFA MILLISECOND PULSAR IN AN ECCENTRIC BINARY ORBIT. *Astrophysical Journal*, **2015**, 806, 140	4.7	20

105	Long-term observations of three nulling pulsars. *Monthly Notices of the Royal Astronomical Society*, **2015**, 449, 1495-1504	4.3	20
104	European Pulsar Timing Array. *AIP Conference Proceedings*, **2008**,	0	20
103	TIMING OF 29 PULSARS DISCOVERED IN THE PALFA SURVEY. *Astrophysical Journal*, **2017**, 834, 137	4.7	19
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101	FOUR HIGHLY DISPERSED MILLISECOND PULSARS DISCOVERED IN THE ARECIBO PALFA GALACTIC PLANE SURVEY. *Astrophysical Journal*, **2012**, 757, 90	4.7	18
100	Six faint gamma-ray pulsars seen with theFermiLarge Area Telescope. *Astronomy and Astrophysics*, **2014**, 570, A44	5.1	18
99	THE GMRT HIGH RESOLUTION SOUTHERN SKY SURVEY FOR PULSARS AND TRANSIENTS. I. SURVEY DESCRIPTION AND INITIAL DISCOVERIES. *Astrophysical Journal*, **2016**, 817, 130	4.7	18
98	Long-term variability of a black widowâ eclipses â A decade of PSR J2051$-$0827. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 889-908	4.3	17
97	Mode switching and oscillations in PSR B1828â11. *Monthly Notices of the Royal Astronomical Society* , **2019**, 485, 3230-3240	4.3	17
96	Study of spider pulsar binary eclipses and discovery of an eclipse mechanism transition. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 2948-2968	4.3	17
95	Common-red-signal analysis with 24-yr high-precision timing of the European Pulsar Timing Array: inferences in the stochastic gravitational-wave background search. *Monthly Notices of the Royal Astronomical Society*,	4.3	17
94	PSR J1755â2550: a young radio pulsar with a massive, compact companion. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 4315-4326	4.3	17
93	Timing the main-sequence-star binary pulsar J1740â3052. *Monthly Notices of the Royal Astronomical Society*, **2012**, 425, 2378-2385	4.3	16
92	Limit on the ultrahigh-energy cosmic-ray flux with the Westerbork synthesis radio telescope. *Physical Review D*, **2010**, 82,	4.9	16
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89	TIMING OF FIVE PALFA-DISCOVERED MILLISECOND PULSARS. *Astrophysical Journal*, **2016**, 833, 192	4.7	15
88	Single-pulse and profile-variability study of PSR J1022+1001. *Monthly Notices of the Royal Astronomical Society*, **2015**, 449, 1158-1169	4.3	15

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85	PSR J2322â2650 âa low-luminosity millisecond pulsar with a planetary-mass companion. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 469-477	4.3	14
84	The Perseus Arm Pulsar Survey. *Monthly Notices of the Royal Astronomical Society*, **2013**, 429, 579-588	4.3	14
83	A fast radio burst with a low dispersion measure. *Monthly Notices of the Royal Astronomical Society*, **2018**,	4.3	14
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81	A fast radio burst in the direction of the Virgo Cluster. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 1-8	4.3	13
80	A Millisecond Pulsar Discovery in a Survey of Unidentified Fermi -Ray Sources with LOFAR. *Astrophysical Journal Letters*, **2017**, 846, L19	7.9	13
79	Very Long Baseline Astrometry of PSR J1012+5307 and its Implications on Alternative Theories of Gravity. *Astrophysical Journal*, **2020**, 896, 85	4.7	12
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76	Discovery and Timing of Pulsars in the Globular Cluster M13 with FAST. *Astrophysical Journal*, **2020**, 892, 43	4.7	11
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74	High-precision pulsar timing and spin frequency second derivatives. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 2359-2367	4.3	10
73	Localising fast radio bursts and other transients using interferometric arrays. *Astronomy and Astrophysics*, **2015**, 579, A69	5.1	10
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68	Imbalance learning for variable star classification. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 6050-6059	4.3	9
67	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	4.3	9
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