

Scott M Ransom

List of Publications by Year in descending order

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347
papers

34,625
citations

4641

85
h-index

3903

177
g-index

350
all docs

350
docs citations

350
times ranked

9179
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	174
2	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.	1.6	15
3	Algorithmic Pulsar Timing. <i>Astronomical Journal</i> , 2022, 163, 84.	1.9	2
4	A repeating fast radio burst source in a globular cluster. <i>Nature</i> , 2022, 602, 585-589.	13.7	110
5	The NANOGrav 12.5 yr Data Set: Polarimetry and Faraday Rotation Measures from Observations of Millisecond Pulsars with the Green Bank Telescope. <i>Astrophysical Journal</i> , 2022, 926, 168.	1.6	9
6	Discovery, Timing, and Multiwavelength Observations of the Black Widow Millisecond Pulsar PSR J1555-2908. <i>Astrophysical Journal</i> , 2022, 927, 216.	1.6	12
7	A Detection of Red Noise in PSR J1824-2452A and Projections for PSR B1937+21 Using NICER X-Ray Timing Data. <i>Astrophysical Journal</i> , 2022, 928, 67.	1.6	3
8	Modeling Fast Radio Burst Dispersion and Scattering Properties in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2022, 927, 35.	1.6	29
9	Two New Black Widow Millisecond Pulsars in M28. <i>Astrophysical Journal</i> , 2022, 927, 126.	1.6	8
10	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. <i>Science</i> , 2022, 376, 521-523.	6.0	14
11	Discoveries and timing of pulsars in NGC 6440. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1386-1399.	1.6	7
12	Bayesian Solar Wind Modeling with Pulsar Timing Arrays. <i>Astrophysical Journal</i> , 2022, 929, 39.	1.6	8
13	Four pulsar discoveries in NGC 6624 by TRAPUM using MeerKAT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2292-2301.	1.6	10
14	Is the Black-widow Pulsar PSR J1555-2908 in a Hierarchical Triple System?. <i>Astrophysical Journal Letters</i> , 2022, 931, L3.	3.0	3
15	Sub-second periodicity in a fast radio burst. <i>Nature</i> , 2022, 607, 256-259.	13.7	37
16	The relativistic binary programme on MeerKAT: science objectives and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2094-2114.	1.6	27
17	Timing of Eight Binary Millisecond Pulsars Found with Arecibo in Fermi-LAT Unidentified Sources. <i>Astrophysical Journal</i> , 2021, 909, 6.	1.6	15
18	Eight new millisecond pulsars from the first MeerKAT globular cluster census. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1407-1426.	1.6	47

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19	Extending the Z^2 and H Statistics to Generic Pulsed Profiles. <i>Astrophysical Journal</i> , 2021, 909, 33.	1.6	12
20	Astrophysics Milestones for Pulsar Timing Array Gravitational-wave Detection. <i>Astrophysical Journal Letters</i> , 2021, 911, L34.	3.0	66
21	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.	1.6	10
22	Gravitational-wave physics and astronomy in the 2020s and 2030s. <i>Nature Reviews Physics</i> , 2021, 3, 344-366.	11.9	96
23	PINT: A Modern Software Package for Pulsar Timing. <i>Astrophysical Journal</i> , 2021, 911, 45.	1.6	58
24	A Deep Chandra X-Ray Observatory Study of the Millisecond Pulsar Population in the Globular Cluster Terzan 5. <i>Astrophysical Journal</i> , 2021, 912, 124.	1.6	14
25	An 86 GHz Search for Pulsars in the Galactic Center with the Atacama Large Millimeter / submillimeter Array. <i>Astrophysical Journal</i> , 2021, 914, 30.	1.6	13
26	The CHIME Pulsar Project: System Overview. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 5.	3.0	40
27	The NANOGrav 11 yr Data Set: Limits on Supermassive Black Hole Binaries in Galaxies within 500 Mpc. <i>Astrophysical Journal</i> , 2021, 914, 121.	1.6	21
28	FAST Globular Cluster Pulsar Survey: Twenty-four Pulsars Discovered in 15 Globular Clusters. <i>Astrophysical Journal Letters</i> , 2021, 915, L28.	3.0	37
29	Refined Mass and Geometric Measurements of the High-mass PSR J0740+6620. <i>Astrophysical Journal Letters</i> , 2021, 915, L12.	3.0	416
30	Three pulsars discovered by FAST in the globular cluster NGC 6517 with a pulsar candidate sifting code based on dispersion measure to signal-to-noise ratio plots. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 143.	0.7	8
31	Radio Detection of PSR J1813+1749 in HESS J1813+178: The Most Scattered Pulsar Known. <i>Astrophysical Journal</i> , 2021, 917, 67.	1.6	12
32	The NANOGrav 12.5 Year Data Set: Monitoring Interstellar Scattering Delays. <i>Astrophysical Journal</i> , 2021, 917, 10.	1.6	7
33	The Radius of PSR J0740+6620 from NICER and XMM-Newton Data. <i>Astrophysical Journal Letters</i> , 2021, 918, L28.	3.0	556
34	A NICER View of the Massive Pulsar PSR J0740+6620 Informed by Radio Timing and XMM-Newton Spectroscopy. <i>Astrophysical Journal Letters</i> , 2021, 918, L27.	3.0	544
35	PSR J2222+0137. <i>Astronomy and Astrophysics</i> , 2021, 654, A16.	2.1	24
36	The NANOGrav 12.5 yr Data Set: Observations and Narrowband Timing of 47 Millisecond Pulsars. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 4.	3.0	98

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37	The NANOGrav 12.5 yr Data Set: Wideband Timing of 47 Millisecond Pulsars. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 5.	3.0	64
38	Search for fast radio transients using Arecibo drift-scan observations at 1.4 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1929-1939.	1.6	2
39	The Green Bank Northern Celestial Cap Pulsar Survey. VI. Discovery and Timing of PSR J1759+5036: A Double Neutron Star Binary Pulsar. <i>Astrophysical Journal</i> , 2021, 922, 35.	1.6	14
40	An Eclipsing Black Widow Pulsar in NGC 6712. <i>Astrophysical Journal</i> , 2021, 921, 120.	1.6	3
41	First Discovery of New Pulsars and RRATs with CHIME/FRB. <i>Astrophysical Journal</i> , 2021, 922, 43.	1.6	14
42	Searching for Gravitational Waves from Cosmological Phase Transitions with the NANOGrav 12.5-Year Dataset. <i>Physical Review Letters</i> , 2021, 127, 251302.	2.9	62
43	Fast Radio Burst Morphology in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2021, 923, 1.	1.6	109
44	The First CHIME/FRB Fast Radio Burst Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 59.	3.0	199
45	The NANOGrav 12.5-year Data Set: Search for Non-Einsteinian Polarization Modes in the Gravitational-wave Background. <i>Astrophysical Journal Letters</i> , 2021, 923, L22.	3.0	30
46	Relativistic Shapiro delay measurements of an extremely massive millisecond pulsar. <i>Nature Astronomy</i> , 2020, 4, 72-76.	4.2	1,065
47	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, .	1.3	108
48	The GBT 350-MHz Drift Scan Pulsar Survey – III. Detection of a magnetic field in the eclipsing material of PSR J2256+1024. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3052-3064.	1.6	15
49	The Green Bank North Celestial Cap Pulsar Survey. V. Pulsar Census and Survey Sensitivity. <i>Astrophysical Journal</i> , 2020, 892, 76.	1.6	25
50	Periodic activity from a fast radio burst source. <i>Nature</i> , 2020, 582, 351-355.	13.7	231
51	The FAST Discovery of an Eclipsing Binary Millisecond Pulsar in the Globular Cluster M92 (NGC 6341). <i>Astrophysical Journal Letters</i> , 2020, 892, L6.	3.0	22
52	Nine New Repeating Fast Radio Burst Sources from CHIME/FRB. <i>Astrophysical Journal Letters</i> , 2020, 891, L6.	3.0	178
53	The NANOGrav 11 yr Data Set: Evolution of Gravitational-wave Background Statistics. <i>Astrophysical Journal</i> , 2020, 890, 108.	1.6	28
54	The NANOGrav 11 yr Data Set: Limits on Gravitational Wave Memory. <i>Astrophysical Journal</i> , 2020, 889, 38.	1.6	36

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55	Modeling the Uncertainties of Solar System Ephemerides for Robust Gravitational-wave Searches with Pulsar-timing Arrays. <i>Astrophysical Journal</i> , 2020, 893, 112.	1.6	49
56	A NICER View of Spectral and Profile Evolution for Three X-Ray-emitting Millisecond Pulsars. <i>Astrophysical Journal</i> , 2020, 892, 150.	1.6	4
57	The NANOGrav 11 yr Data Set: Constraints on Planetary Masses Around 45 Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , 2020, 893, L8.	3.0	6
58	Multimessenger Gravitational-wave Searches with Pulsar Timing Arrays: Application to 3C 66B Using the NANOGrav 11-year Data Set. <i>Astrophysical Journal</i> , 2020, 900, 102.	1.6	30
59	The MAVERIC Survey: New Compact Binaries Revealed by Deep Radio Continuum Observations of the Galactic Globular Cluster Terzan 5. <i>Astrophysical Journal</i> , 2020, 904, 147.	1.6	9
60	The Discovery of Nulling and Mode-switching Pulsars with CHIME/Pulsar. <i>Astrophysical Journal</i> , 2020, 903, 81.	1.6	8
61	First Discovery of a Fast Radio Burst at 350 MHz by the GBNCC Survey. <i>Astrophysical Journal</i> , 2020, 904, 92.	1.6	21
62	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. <i>Astrophysical Journal Letters</i> , 2020, 902, L46.	3.0	42
63	The NANOGrav 12.5-yr Data Set: Search for an Isotropic Stochastic Gravitational-wave Background. <i>Astrophysical Journal Letters</i> , 2020, 905, L34.	3.0	528
64	Radio Discovery of and Gamma-Ray Pulsations from PSR J2339-0533. <i>Research Notes of the AAS</i> , 2020, 4, 37.	0.3	6
65	The NANOGrav 11 yr Data Set: Limits on Gravitational Waves from Individual Supermassive Black Hole Binaries. <i>Astrophysical Journal</i> , 2019, 880, 116.	1.6	102
66	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.	1.6	17
67	Upgraded Giant Metrewave Radio Telescope timing of NGC 1851A: a possible millisecond pulsar \hat{a} neutron star system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3860-3874.	1.6	36
68	The International Pulsar Timing Array: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4666-4687.	1.6	191
69	CHIME/FRB Discovery of Eight New Repeating Fast Radio Burst Sources. <i>Astrophysical Journal Letters</i> , 2019, 885, L24.	3.0	302
70	CHIME/FRB Detection of the Original Repeating Fast Radio Burst Source FRB 121102. <i>Astrophysical Journal Letters</i> , 2019, 882, L18.	3.0	98
71	Mass Measurements for Two Binary Pulsars Discovered in the PALFA Survey. <i>Astrophysical Journal</i> , 2019, 881, 165.	1.6	21
72	The Green Bank North Celestial Cap Pulsar Survey. IV. Four New Timing Solutions. <i>Astrophysical Journal</i> , 2019, 875, 19.	1.6	8

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73	VLA Observations of Single Pulses from the Galactic Center Magnetar. <i>Astrophysical Journal</i> , 2019, 875, 143.	1.6	8
74	Unusually Bright Single Pulses from the Binary Pulsar B1744-24A: A Case of Strong Lensing?. <i>Astrophysical Journal</i> , 2019, 877, 125.	1.6	15
75	Discovery of Soft X-Ray Pulsations from PSR J1231-1411 using NICER. <i>Astrophysical Journal Letters</i> , 2019, 878, L22.	3.0	13
76	The NANOGrav 12.5 yr Data Set: The Frequency Dependence of Pulse Jitter in Precision Millisecond Pulsars. <i>Astrophysical Journal</i> , 2019, 872, 193.	1.6	28
77	FRB 121102 Bursts Show Complex Time-Frequency Structure. <i>Astrophysical Journal Letters</i> , 2019, 876, L23.	3.0	230
78	The NANOGrav 11 yr Data Set: Solar Wind Sounding through Pulsar Timing. <i>Astrophysical Journal</i> , 2019, 872, 150.	1.6	22
79	PSR J2234+0611: A New Laboratory for Stellar Evolution. <i>Astrophysical Journal</i> , 2019, 870, 74.	1.6	32
80	High-precision X-Ray Timing of Three Millisecond Pulsars with NICER: Stability Estimates and Comparison with Radio. <i>Astrophysical Journal</i> , 2019, 874, 160.	1.6	20
81	A Deep Targeted Search for Fast Radio Bursts from the Sites of Low-redshift Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2019, 887, 252.	1.6	10
82	Eight Millisecond Pulsars Discovered in the Arecibo PALFA Survey. <i>Astrophysical Journal</i> , 2019, 886, 148.	1.6	18
83	NICER X-Ray Observations of Seven Nearby Rotation-powered Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , 2019, 887, L27.	3.0	45
84	Detection of Pulses from the Vela Pulsar at Millimeter Wavelengths with Phased ALMA. <i>Astrophysical Journal Letters</i> , 2019, 885, L10.	3.0	9
85	Tests of gravitational symmetries with pulsar binary J1713+0747. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3249-3260.	1.6	73
86	PALFA Discovery of a Highly Relativistic Double Neutron Star Binary. <i>Astrophysical Journal Letters</i> , 2018, 854, L22.	3.0	119
87	The Einstein@Home Gamma-ray Pulsar Survey. II. Source Selection, Spectral Analysis, and Multiwavelength Follow-up. <i>Astrophysical Journal</i> , 2018, 854, 99.	1.6	22
88	The NANOGrav 11-year Data Set: High-precision Timing of 45 Millisecond Pulsars. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 37.	3.0	448
89	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. <i>Nature</i> , 2018, 553, 182-185.	13.7	368
90	The Green Bank Northern Celestial Cap Pulsar Survey. II. The Discovery and Timing of 10 Pulsars. <i>Astrophysical Journal</i> , 2018, 857, 131.	1.6	14

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91	A GPU Implementation of the Correlation Technique for Real-time Fourier Domain Pulsar Acceleration Searches. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 28.	3.0	14
92	A Second Chromatic Timing Event of Interstellar Origin toward PSR J1713+0747. <i>Astrophysical Journal</i> , 2018, 861, 132.	1.6	51
93	The NANOGrav 11 yr Data Set: Arecibo Observatory Polarimetry and Pulse Microcomponents. <i>Astrophysical Journal</i> , 2018, 862, 47.	1.6	18
94	The MAVERIC Survey: A Transitional Millisecond Pulsar Candidate in Terzan 5. <i>Astrophysical Journal</i> , 2018, 864, 28.	1.6	18
95	PALFA Single-pulse Pipeline: New Pulsars, Rotating Radio Transients, and a Candidate Fast Radio Burst. <i>Astrophysical Journal</i> , 2018, 869, 181.	1.6	35
96	The NANOGrav 11-year Data Set: Pulse Profile Variability. <i>Astrophysical Journal</i> , 2018, 868, 122.	1.6	15
97	Studying the Solar system with the International Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5501-5516.	1.6	36
98	The NANOGrav 11 Year Data Set: Pulsar-timing Constraints on the Stochastic Gravitational-wave Background. <i>Astrophysical Journal</i> , 2018, 859, 47.	1.6	331
99	Universality of free fall from the orbital motion of a pulsar in a stellar triple system. <i>Nature</i> , 2018, 559, 73-76.	13.7	121
100	The Implementation of a Fast-folding Pipeline for Long-period Pulsar Searching in the PALFA Survey. <i>Astrophysical Journal</i> , 2018, 861, 44.	1.6	27
101	NICER Discovers the Ultracompact Orbit of the Accreting Millisecond Pulsar IGR J17062-6143. <i>Astrophysical Journal Letters</i> , 2018, 858, L13.	3.0	31
102	The CHIME Fast Radio Burst Project: System Overview. <i>Astrophysical Journal</i> , 2018, 863, 48.	1.6	215
103	The Green Bank North Celestial Cap Pulsar Survey. III. 45 New Pulsar Timing Solutions. <i>Astrophysical Journal</i> , 2018, 859, 93.	1.6	72
104	The geometric distance and binary orbit of PSR B1259-63. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4849-4860.	1.6	34
105	A Fourier Domain Search for Binary Pulsars. <i>Astrophysical Journal Letters</i> , 2018, 863, L13.	3.0	61
106	Highest Frequency Detection of FRB 121102 at 4.8 GHz Using the Breakthrough Listen Digital Backend at the Green Bank Telescope. <i>Astrophysical Journal</i> , 2018, 863, 2.	1.6	226
107	Discovery of Three New Millisecond Pulsars in Terzan 5. <i>Astrophysical Journal</i> , 2018, 855, 125.	1.6	36
108	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal Letters</i> , 2017, 834, L7.	3.0	495

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109	THE NANOGRAV NINE-YEAR DATA SET: EXCESS NOISE IN MILLISECOND PULSAR ARRIVAL TIMES. <i>Astrophysical Journal</i> , 2017, 834, 35.	1.6	54
110	TIMING OF 29 PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017, 834, 137.	1.6	25
111	TWO LONG-TERM INTERMITTENT PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017, 834, 72.	1.6	43
112	A direct localization of a fast radio burst and its host. <i>Nature</i> , 2017, 541, 58-61.	13.7	616
113	The Repeating Fast Radio Burst FRB 121102 as Seen on Milliarsecond Angular Scales. <i>Astrophysical Journal Letters</i> , 2017, 834, L8.	3.0	300
114	Using Long-term Millisecond Pulsar Timing to Obtain Physical Characteristics of the Bulge Globular Cluster Terzan 5. <i>Astrophysical Journal</i> , 2017, 845, 148.	1.6	66
115	Simultaneous X-Ray, Gamma-Ray, and Radio Observations of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal</i> , 2017, 846, 80.	1.6	99
116	LOFAR Discovery of the Fastest-spinning Millisecond Pulsar in the Galactic Field. <i>Astrophysical Journal Letters</i> , 2017, 846, L20.	3.0	55
117	A Search for Fast Radio Bursts with the GBNCC Pulsar Survey. <i>Astrophysical Journal</i> , 2017, 844, 140.	1.6	54
118	Toward an Empirical Theory of Pulsar Emission. XII. Exploring the Physical Conditions in Millisecond Pulsar Emission Regions. <i>Astrophysical Journal</i> , 2017, 845, 23.	1.6	12
119	A Multi-telescope Campaign on FRB 121102: Implications for the FRB Population. <i>Astrophysical Journal</i> , 2017, 850, 76.	1.6	148
120	The High-frequency Radio Emission of the Galactic Center Magnetar SGR J1745-29 during a Transitional Period. <i>Astrophysical Journal</i> , 2017, 850, 53.	1.6	2
121	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 843, L8.	3.0	130
122	Conquering systematics in the timing of the pulsar triple system J0337+1715: Towards a unique and robust test of the strong equivalence principle. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 342-343.	0.0	0
123	Single Pulses from the Galactic Center Magnetar with the Very Large Array. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 263-266.	0.0	0
124	Testing the Universality of Free Fall with the Triple System J0337+1715. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 138-141.	0.0	1
125	Potential impacts of WRC-2019 agenda items on scientific services. , 2017, , .		0
126	Conquering systematics in the timing of the pulsar triple system J0337+1715: Towards a unique and robust test of the strong equivalence principle. <i>Journal of Physics: Conference Series</i> , 2017, 932, 012003.	0.3	1

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127	Targeted millisecond pulsar surveys of Fermi $\hat{\text{I}}^3$ -ray sources with LOFAR. Proceedings of the International Astronomical Union, 2017, 13, 33-36.	0.0	2
128	X-Ray and Optical Properties of Black Widows and Redbacks. Proceedings of the International Astronomical Union, 2017, 13, 43-46.	0.0	4
129	The implementation of a Fast-Folding Algorithm in the PALFA survey. Proceedings of the International Astronomical Union, 2017, 13, 388-389.	0.0	0
130	The NANOGrav Nine-year Data Set: Measurement and Analysis of Variations in Dispersion Measures. Astrophysical Journal, 2017, 841, 125.	1.6	76
131	ORDINARY X-RAYS FROM THREE EXTRAORDINARY MILLISECOND PULSARS: XMM-NEWTON OBSERVATIONS OF PSRs J0337+1715, J0636+5129, AND J0645+5158. Astrophysical Journal, 2016, 822, 37.	1.6	38
132	Single-Source Gravitational Wave Limits From the J1713+0747 24-hr Global Campaign. Journal of Physics: Conference Series, 2016, 716, 012014.	0.3	9
133	THE NANOGRAV NINE-YEAR DATA SET: MASS AND GEOMETRIC MEASUREMENTS OF BINARY MILLISECOND PULSARS. Astrophysical Journal, 2016, 832, 167.	1.6	466
134	THE GMRT HIGH-RESOLUTION SOUTHERN SKY SURVEY FOR PULSARS AND TRANSIENTS. I. SURVEY DESCRIPTION AND INITIAL DISCOVERIES. Astrophysical Journal, 2016, 817, 130.	1.6	37
135	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. Astrophysical Journal, 2016, 833, 177.	1.6	238
136	MULTIWAVELENGTH OBSERVATIONS OF THE REDBACK MILLISECOND PULSAR J1048+2339. Astrophysical Journal, 2016, 823, 105.	1.6	40
137	A repeating fast radio burst. Nature, 2016, 531, 202-205.	13.7	690
138	The International Pulsar Timing Array: First data release. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1267-1288.	1.6	332
139	THE NANOGRAV NINE-YEAR DATA SET: LIMITS ON THE ISOTROPIC STOCHASTIC GRAVITATIONAL WAVE BACKGROUND. Astrophysical Journal, 2016, 821, 13.	1.6	227
140	SIX NEW MILLISECOND PULSARS FROM ARECIBO SEARCHES OF FERMI GAMMA-RAY SOURCES. Astrophysical Journal, 2016, 819, 34.	1.6	37
141	DISCOVERY OF A MILLISECOND PULSAR IN THE 5.4 DAY BINARY 3FGL J1417.5+4402: OBSERVING THE LATE PHASE OF PULSAR RECYCLING. Astrophysical Journal, 2016, 820, 6.	1.6	27
142	EINSTEIN@HOME DISCOVERY OF A DOUBLE NEUTRON STAR BINARY IN THE PALFA SURVEY. Astrophysical Journal, 2016, 831, 150.	1.6	52
143	RADIO DISAPPEARANCE OF THE MAGNETAR XTE J1810+197 AND CONTINUED X-RAY TIMING. Astrophysical Journal, 2016, 820, 110.	1.6	47
144	TIMING OF FIVE PALFA-DISCOVERED MILLISECOND PULSARS. Astrophysical Journal, 2016, 833, 192.	1.6	17

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145	PROPERTIES AND EVOLUTION OF THE REDBACK MILLISECOND PULSAR BINARY PSR J2129â€“0429. <i>Astrophysical Journal</i> , 2016, 816, 74.	1.6	48
146	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.	1.6	82
147	THE NANOGrAV NINE-YEAR DATA SET: MONITORING INTERSTELLAR SCATTERING DELAYS. <i>Astrophysical Journal</i> , 2016, 818, 166.	1.6	57
148	THE NANOGrAV NINE-YEAR DATA SET: ASTROMETRIC MEASUREMENTS OF 37 MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2016, 818, 92.	1.6	54
149	THE NANOGrAV NINE-YEAR DATA SET: NOISE BUDGET FOR PULSAR ARRIVAL TIMES ON INTRADAY TIMESCALES. <i>Astrophysical Journal</i> , 2016, 819, 155.	1.6	45
150	PSR J1024â€“0719: A MILLISECOND PULSAR IN AN UNUSUAL LONG-PERIOD ORBIT. <i>Astrophysical Journal</i> , 2016, 826, 86.	1.6	45
151	DISCOVERY AND FOLLOW-UP OF ROTATING RADIO TRANSIENTS WITH THE GREEN BANK AND LOFAR TELESCOPES. <i>Astrophysical Journal</i> , 2015, 809, 67.	1.6	77
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