

James Cordes

List of Publications by Year in descending order

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Version: 2024-02-01

265
papers

28,932
citations

4146

87
h-index

5120

166
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267
all docs

267
docs citations

267
times ranked

8536
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.	4.4	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.	4.5	15
3	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	4.5	6
4	Burst timescales and luminosities as links between young pulsars and fast radio bursts. <i>Nature Astronomy</i> , 2022, 6, 393-401.	10.1	46
5	Nonaxisymmetric Precession of Magnetars and Fast Radio Bursts. <i>Astrophysical Journal</i> , 2022, 928, 53.	4.5	7
6	Probing the Local Interstellar Medium with Scintillometry of the Bright Pulsar B1133 + 16. <i>Astrophysical Journal</i> , 2022, 927, 99.	4.5	13
7	Empirical Assessment of Aperiodic and Periodic Radio Bursts from Young Precessing Magnetars. <i>Astrophysical Journal</i> , 2022, 929, 97.	4.5	3
8	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	8.3	163
9	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022, 930, L21.	8.3	20
10	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
11	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
12	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	8.3	137
13	First Sagittarius A* Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole in the Center of the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 930, L12.	8.3	568
14	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	8.3	21
15	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	8.3	43
16	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022, 930, L20.	8.3	20
17	First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L16.	8.3	187
18	Redshift Estimation and Constraints on Intergalactic and Interstellar Media from Dispersion and Scattering of Fast Radio Bursts. <i>Astrophysical Journal</i> , 2022, 931, 88.	4.5	15

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19	The Large Dispersion and Scattering of FRB 20190520B Are Dominated by the Host Galaxy. <i>Astrophysical Journal</i> , 2022, 931, 87.	4.5	16
20	A repeating fast radio burst associated with a persistent radio source. <i>Nature</i> , 2022, 606, 873-877.	27.8	98
21	4–8 GHz Fourier-domain Searches for Galactic Center Pulsars. <i>Astrophysical Journal</i> , 2022, 933, 121.	4.5	9
22	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	8.3	215
23	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
24	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	8.3	297
25	Highly polarized microstructure from the repeating FRB 20180916B. <i>Nature Astronomy</i> , 2021, 5, 594-603.	10.1	66
26	Astrophysics Milestones for Pulsar Timing Array Gravitational-wave Detection. <i>Astrophysical Journal Letters</i> , 2021, 911, L34.	8.3	66
27	Constraining Galaxy Halos from the Dispersion and Scattering of Fast Radio Bursts and Pulsars. <i>Astrophysical Journal</i> , 2021, 911, 102.	4.5	27
28	Late-time Radio and Millimeter Observations of Superluminous Supernovae and Long Gamma-Ray Bursts: Implications for Central Engines, Fast Radio Bursts, and Obscured Star Formation. <i>Astrophysical Journal</i> , 2021, 912, 21.	4.5	18
29	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	8.3	56
30	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	4.5	43
31	Persistent plasma waves in interstellar space detected by Voyager 1. <i>Nature Astronomy</i> , 2021, 5, 761-765.	10.1	20
32	An 86 GHz Search for Pulsars in the Galactic Center with the Atacama Large Millimeter / submillimeter Array. <i>Astrophysical Journal</i> , 2021, 914, 30.	4.5	13
33	Evaluating Low-frequency Pulsar Observations to Monitor Dispersion with the Giant Metrewave Radio Telescope. <i>Astrophysical Journal</i> , 2021, 915, 15.	4.5	2
34	The Breakthrough Listen Search For Intelligent Life Near the Galactic Center. I.. <i>Astronomical Journal</i> , 2021, 162, 33.	4.7	34
35	The NANOGrav 11 yr Data Set: Limits on Supermassive Black Hole Binaries in Galaxies within 500 Mpc. <i>Astrophysical Journal</i> , 2021, 914, 121.	4.5	21
36	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	10.1	65

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37	The NANOGrav 12.5 Year Data Set: Monitoring Interstellar Scattering Delays. <i>Astrophysical Journal</i> , 2021, 917, 10.	4.5	7
38	The NANOGrav 12.5 yr Data Set: Observations and Narrowband Timing of 47 Millisecond Pulsars. <i>Astrophysical Journal</i> , Supplement Series, 2021, 252, 4.	7.7	98
39	The NANOGrav 12.5 yr Data Set: Wideband Timing of 47 Millisecond Pulsars. <i>Astrophysical Journal</i> , Supplement Series, 2021, 252, 5.	7.7	64
40	An Arecibo Search for Fast Radio Transients from M87. <i>Astrophysical Journal</i> , 2021, 920, 16.	4.5	1
41	A bimodal burst energy distribution of a repeating fast radio burst source. <i>Nature</i> , 2021, 598, 267-271.	27.8	129
42	No Redetections of blc1 in 39%hr of Reobservation Campaigns of Proxima Centauri. <i>Research Notes of the AAS</i> , 2021, 5, 248.	0.7	0
43	4-8 GHz Spectrotemporal Emission from the Galactic Center Magnetar PSR J1745-2900. <i>Astrophysical Journal</i> , 2021, 921, 101.	4.5	7
44	An In Situ Study of Turbulence near Stellar Bow Shocks. <i>Astrophysical Journal</i> , 2021, 922, 233.	4.5	7
45	Searching for Gravitational Waves from Cosmological Phase Transitions with the NANOGrav 12.5-Year Dataset. <i>Physical Review Letters</i> , 2021, 127, 251302.	7.8	62
46	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.	8.3	30
47	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. <i>Physical Review Letters</i> , 2020, 125, 141104.	7.8	190
48	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	4.5	44
49	Electron Density Structure of the Local Galactic Disk. <i>Astrophysical Journal</i> , 2020, 897, 124.	4.5	31
50	Asymmetric mass ratios for bright double neutron-star mergers. <i>Nature</i> , 2020, 583, 211-214.	27.8	38
51	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	4.5	47
52	The NANOGrav 11 yr Data Set: Evolution of Gravitational-wave Background Statistics. <i>Astrophysical Journal</i> , 2020, 890, 108.	4.5	28
53	Detecting Gravitational Scattering of Interstellar Objects Using Pulsar Timing. <i>Astrophysical Journal</i> , 2020, 889, 145.	4.5	3
54	The NANOGrav 11 yr Data Set: Limits on Gravitational Wave Memory. <i>Astrophysical Journal</i> , 2020, 889, 38.	4.5	36

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55	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69.	5.1	54
56	Modeling the Uncertainties of Solar System Ephemerides for Robust Gravitational-wave Searches with Pulsar-timing Arrays. <i>Astrophysical Journal</i> , 2020, 893, 112.	4.5	49
57	Analysis of Multi-hour Continuous Observations of Seven Millisecond Pulsars. <i>Astrophysical Journal</i> , 2020, 890, 123.	4.5	5
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.	4.5	30
59	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	4.5	51
60	Detection of ~ 4 GHz Continuum Emission from μ Eridani. <i>Astrophysical Journal</i> , 2020, 904, 138.	4.5	7
61	The NANOGrav 12.5-yr Data Set: Search for an Isotropic Stochastic Gravitational-wave Background. <i>Astrophysical Journal Letters</i> , 2020, 905, L34.	8.3	528
62	Pulsar Timing Signatures of Circumbinary Asteroid Belts. <i>Astrophysical Journal</i> , 2020, 904, 191.	4.5	3
63	The NANOGrav 11 yr Data Set: Limits on Gravitational Waves from Individual Supermassive Black Hole Binaries. <i>Astrophysical Journal</i> , 2019, 880, 116.	4.5	102
64	A Radio Source Coincident with the Superluminous Supernova PTF10hgi: Evidence for a Central Engine and an Analog of the Repeating FRB 121102?. <i>Astrophysical Journal Letters</i> , 2019, 876, L10.	8.3	40
65	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	7.7	175
66	The International Pulsar Timing Array: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4666-4687.	4.4	191
67	Mass Measurements for Two Binary Pulsars Discovered in the PALFA Survey. <i>Astrophysical Journal</i> , 2019, 881, 165.	4.5	21
68	Fast Radio Bursts: An Extragalactic Enigma. <i>Annual Review of Astronomy and Astrophysics</i> , 2019, 57, 417-465.	24.3	324
69	A Sample of Low-energy Bursts from FRB 121102. <i>Astrophysical Journal Letters</i> , 2019, 877, L19.	8.3	120
70	VLA Observations of Single Pulses from the Galactic Center Magnetar. <i>Astrophysical Journal</i> , 2019, 875, 143.	4.5	8
71	FRB 121102 Bursts Show Complex Time–Frequency Structure. <i>Astrophysical Journal Letters</i> , 2019, 876, L23.	8.3	230
72	Induced Polarization from Birefringent Pulse Splitting in Magneto-ionic Media. <i>Astrophysical Journal</i> , 2019, 870, 29.	4.5	9

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73	The NANOGrav 11 yr Data Set: Solar Wind Sounding through Pulsar Timing. <i>Astrophysical Journal</i> , 2019, 872, 150.	4.5	22
74	Microarcsecond VLBI Pulsar Astrometry with PSRĲ II. Parallax Distances for 57 Pulsars. <i>Astrophysical Journal</i> , 2019, 875, 100.	4.5	93
75	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
76	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
77	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
78	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	8.3	2,264
79	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
80	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	8.3	897
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.	4.5	10
82	Eight Millisecond Pulsars Discovered in the Arecibo PALFA Survey. <i>Astrophysical Journal</i> , 2019, 886, 148.	4.5	18
83	Estimates of Fast Radio Burst Dispersion Measures from Cosmological Simulations. <i>Astrophysical Journal</i> , 2019, 886, 135.	4.5	26
84	Detection of Pulses from the Vela Pulsar at Millimeter Wavelengths with Phased ALMA. <i>Astrophysical Journal Letters</i> , 2019, 885, L10.	8.3	9
85	PALFA Discovery of a Highly Relativistic Double Neutron Star Binary. <i>Astrophysical Journal Letters</i> , 2018, 854, L22.	8.3	119
86	The NANOGrav 11-year Data Set: High-precision Timing of 45 Millisecond Pulsars. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 37.	7.7	448
87	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. <i>Nature</i> , 2018, 553, 182-185.	27.8	368
88	A Second Chromatic Timing Event of Interstellar Origin toward PSR J1713+0747. <i>Astrophysical Journal</i> , 2018, 861, 132.	4.5	51
89	Detection of Bursts from FRBĲ121102Ĳwith the Effelsberg 100 m Radio Telescope at 5 GHz and the Role of Scintillation. <i>Astrophysical Journal</i> , 2018, 863, 150.	4.5	34
90	Noise Budget and Interstellar Medium Mitigation Advances in the NANOGrav Pulsar Timing Array. <i>Journal of Physics: Conference Series</i> , 2018, 957, 012007.	0.4	2

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91	Binary Pulsar Distances and Velocities from Gaia Data Release 2. <i>Astrophysical Journal</i> , 2018, 864, 26.	4.5	43
92	Fast Radio Burst 121102 Pulse Detection and Periodicity: A Machine Learning Approach. <i>Astrophysical Journal</i> , 2018, 866, 149.	4.5	135
93	PALFA Single-pulse Pipeline: New Pulsars, Rotating Radio Transients, and a Candidate Fast Radio Burst. <i>Astrophysical Journal</i> , 2018, 869, 181.	4.5	35
94	The NANOGrav 11-year Data Set: Pulse Profile Variability. <i>Astrophysical Journal</i> , 2018, 868, 122.	4.5	15
95	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
96	The NANOGrav 11 Year Data Set: Pulsar-timing Constraints on the Stochastic Gravitational-wave Background. <i>Astrophysical Journal</i> , 2018, 859, 47.	4.5	331
97	Optimal Frequency Ranges for Submicrosecond Precision Pulsar Timing. <i>Astrophysical Journal</i> , 2018, 861, 12.	4.5	25
98	The Implementation of a Fast-folding Pipeline for Long-period Pulsar Searching in the PALFA Survey. <i>Astrophysical Journal</i> , 2018, 861, 44.	4.5	27
99	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.	4.5	226
100	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal Letters</i> , 2017, 834, L7.	8.3	495
101	THE NANOGRAV NINE-YEAR DATA SET: EXCESS NOISE IN MILLISECOND PULSAR ARRIVAL TIMES. <i>Astrophysical Journal</i> , 2017, 834, 35.	4.5	54
102	Statistical analyses for NANOGrav 5-year timing residuals. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 19.	1.7	1
103	Lensing of Fast Radio Bursts by Plasma Structures in Host Galaxies. <i>Astrophysical Journal</i> , 2017, 842, 35.	4.5	133
104	TIMING OF 29 PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017, 834, 137.	4.5	25
105	TWO LONG-TERM INTERMITTENT PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017, 834, 72.	4.5	43
106	A direct localization of a fast radio burst and its host. <i>Nature</i> , 2017, 541, 58-61.	27.8	616
107	The Repeating Fast Radio Burst FRB 121102 as Seen on Millisecond Angular Scales. <i>Astrophysical Journal Letters</i> , 2017, 834, L8.	8.3	300
108	Simultaneous X-Ray, Gamma-Ray, and Radio Observations of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal</i> , 2017, 846, 80.	4.5	99

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109	A Multi-telescope Campaign on FRB 121102: Implications for the FRB Population. <i>Astrophysical Journal</i> , 2017, 850, 76.	4.5	148
110	Modelling and mitigating refractive propagation effects in precision pulsar timing observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2075-2089.	4.4	26
111	Pulsar timing perturbations from Galactic gravitational wave bursts with memory. <i>Physical Review D</i> , 2017, 96, .	4.7	13
112	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 843, L8.	8.3	130
113	The Magnetoionic Universe: Timing, Bursts, and SETI. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 269-274.	0.0	0
114	The NANOGrav Nine-year Data Set: Measurement and Analysis of Variations in Dispersion Measures. <i>Astrophysical Journal</i> , 2017, 841, 125.	4.5	76
115	Single-Source Gravitational Wave Limits From the J1713+0747 24-hr Global Campaign. <i>Journal of Physics: Conference Series</i> , 2016, 716, 012014.	0.4	9
116	FREQUENCY-DEPENDENT DISPERSION MEASURES AND IMPLICATIONS FOR PULSAR TIMING. <i>Astrophysical Journal</i> , 2016, 817, 16.	4.5	84
117	TRANSIENT EVENTS IN ARCHIVAL VERY LARGE ARRAY OBSERVATIONS OF THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 833, 11.	4.5	10
118	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. <i>Astrophysical Journal</i> , 2016, 833, 177.	4.5	238
119	A repeating fast radio burst. <i>Nature</i> , 2016, 531, 202-205.	27.8	690
120	Supergiant pulses from extragalactic neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 232-257.	4.4	243
121	The International Pulsar Timing Array: First data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1267-1288.	4.4	332
122	THE NANOGRAV NINE-YEAR DATA SET: LIMITS ON THE ISOTROPIC STOCHASTIC GRAVITATIONAL WAVE BACKGROUND. <i>Astrophysical Journal</i> , 2016, 821, 13.	4.5	227
123	MICROARCSECOND VLBI PULSAR ASTROMETRY WITH PSRĪ. I. TWO BINARY MILLISECOND PULSARS WITH WHITE DWARF COMPANIONS. <i>Astrophysical Journal</i> , 2016, 828, 8.	4.5	30
124	DISCOVERY OF A MILLISECOND PULSAR IN THE 5.4 DAY BINARY 3FGL J1417.5â€“4402: OBSERVING THE LATE PHASE OF PULSAR RECYCLING. <i>Astrophysical Journal</i> , 2016, 820, 6.	4.5	27
125	EINSTEIN@HOME DISCOVERY OF A DOUBLE NEUTRON STAR BINARY IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2016, 831, 150.	4.5	52
126	SYSTEMATIC AND STOCHASTIC VARIATIONS IN PULSAR DISPERSION MEASURES. <i>Astrophysical Journal</i> , 2016, 821, 66.	4.5	39

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127	TIMING OF FIVE PALFA-DISCOVERED MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2016, 833, 192.	4.5	17
128	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
129	THE NANOGrAV NINE-YEAR DATA SET: MONITORING INTERSTELLAR SCATTERING DELAYS. <i>Astrophysical Journal</i> , 2016, 818, 166.	4.5	57
130	THE NANOGrAV NINE-YEAR DATA SET: NOISE BUDGET FOR PULSAR ARRIVAL TIMES ON INTRADAY TIMESCALES. <i>Astrophysical Journal</i> , 2016, 819, 155.	4.5	45
131	Recent H-alpha Results on Pulsar B2224+65's Bow-Shock Nebula, the "Guitar". <i>Journal of Astronomy and Space Sciences</i> , 2016, 33, 167-172.	1.0	8
132	NANOGrav CONSTRAINTS ON GRAVITATIONAL WAVE BURSTS WITH MEMORY. <i>Astrophysical Journal</i> , 2015, 810, 150.	4.5	54
133	ARECIBO PULSAR SURVEY USING ALFA. IV. MOCK SPECTROMETER DATA ANALYSIS, SURVEY SENSITIVITY, AND THE DISCOVERY OF 40 PULSARS. <i>Astrophysical Journal</i> , 2015, 812, 81.	4.5	77
134	THE NANOGrAV NINE-YEAR DATA SET: OBSERVATIONS, ARRIVAL TIME MEASUREMENTS, AND ANALYSIS OF 37 MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2015, 813, 65.	4.5	185
135	TIMING OF FIVE MILLISECOND PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2015, 800, 123.	4.5	40
136	<i>Einstein@Home</i> DISCOVERY OF A PALFA MILLISECOND PULSAR IN AN ECCENTRIC BINARY ORBIT. <i>Astrophysical Journal</i> , 2015, 806, 140.	4.5	25
137	PULSAR TIMING ERRORS FROM ASYNCHRONOUS MULTI-FREQUENCY SAMPLING OF DISPERSION MEASURE VARIATIONS. <i>Astrophysical Journal</i> , 2015, 801, 130.	4.5	26
138	ARECIBO PULSAR SURVEY USING ALFA. III. PRECURSOR SURVEY AND POPULATION SYNTHESIS. <i>Astrophysical Journal</i> , 2014, 787, 137.	4.5	16
139	SEARCHING FOR PULSARS USING IMAGE PATTERN RECOGNITION. <i>Astrophysical Journal</i> , 2014, 781, 117.	4.5	99
140	ASSESSING PULSAR TIMING ARRAY SENSITIVITY TO GRAVITATIONAL WAVE BURSTS WITH MEMORY. <i>Astrophysical Journal</i> , 2014, 788, 141.	4.5	36
141	PULSE BROADENING MEASUREMENTS FROM THE GALACTIC CENTER PULSAR J1745-2900. <i>Astrophysical Journal Letters</i> , 2014, 780, L3.	8.3	75
142	FAST RADIO BURST DISCOVERED IN THE ARECIBO PULSAR ALFA SURVEY. <i>Astrophysical Journal</i> , 2014, 790, 101.	4.5	409
143	GRAVITATIONAL WAVES FROM INDIVIDUAL SUPERMASSIVE BLACK HOLE BINARIES IN CIRCULAR ORBITS: LIMITS FROM THE NORTH AMERICAN NANOHERTZ OBSERVATORY FOR GRAVITATIONAL WAVES. <i>Astrophysical Journal</i> , 2014, 794, 141.	4.5	104
144	TIMING AND INTERSTELLAR SCATTERING OF 35 DISTANT PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2013, 772, 50.	4.5	28

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145	LIMITS ON THE STOCHASTIC GRAVITATIONAL WAVE BACKGROUND FROM THE NORTH AMERICAN NANOHERTZ OBSERVATORY FOR GRAVITATIONAL WAVES. <i>Astrophysical Journal</i> , 2013, 762, 94.	4.5	270
146	PULSAR STATE SWITCHING FROM MARKOV TRANSITIONS AND STOCHASTIC RESONANCE. <i>Astrophysical Journal</i> , 2013, 775, 47.	4.5	33
147	THE BENEFITS OF VLBI ASTROMETRY TO PULSAR TIMING ARRAY SEARCHES FOR GRAVITATIONAL RADIATION. <i>Astrophysical Journal</i> , 2013, 777, 104.	4.5	21
148	Limits to PTA sensitivity: spin stability and arrival time precision of millisecond pulsars. <i>Classical and Quantum Gravity</i> , 2013, 30, 224002.	4.0	38
149	THE <i>EINSTEIN@HOME</i> SEARCH FOR RADIO PULSARS AND PSR J2007+2722 DISCOVERY. <i>Astrophysical Journal</i> , 2013, 773, 91.	4.5	53
150	Radio Bursts, Origin Unknown. <i>Science</i> , 2013, 341, 40-41.	12.6	9
151	VAST: An ASKAP Survey for Variables and Slow Transients. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	88
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