

Shami Chatterjee

List of Publications by Year in descending order

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Version: 2024-02-01

202
papers

22,814
citations

14124

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9346

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206
all docs

206
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206
times ranked

9254
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	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	1.6	6
4	Localizing FRBs through VLBI with the Algonquin Radio Observatory 10 m Telescope. <i>Astronomical Journal</i> , 2022, 163, 65.	1.9	12
5	Nonaxisymmetric Precession of Magnetars and Fast Radio Bursts. <i>Astrophysical Journal</i> , 2022, 928, 53.	1.6	7
6	VLA proper motion constraints on the origin, age, and potential magnetar future of PSR J1734-3333. <i>Astronomy and Astrophysics</i> , 2022, 659, A41.	2.1	4
7	Empirical Assessment of Aperiodic and Periodic Radio Bursts from Young Precessing Magnetars. <i>Astrophysical Journal</i> , 2022, 929, 97.	1.6	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.	3.0	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.	3.0	20
10	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	3.0	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.	3.0	142
12	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	3.0	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.	3.0	568
14	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	3.0	21
15	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	3.0	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.	3.0	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.	3.0	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.	1.6	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.	1.6	16
20	A repeating fast radio burst associated with a persistent radio source. <i>Nature</i> , 2022, 606, 873-877.	13.7	98
21	Sub-second periodicity in a fast radio burst. <i>Nature</i> , 2022, 607, 256-259.	13.7	37
22	4 σ 8 GHz Fourier-domain Searches for Galactic Center Pulsars. <i>Astrophysical Journal</i> , 2022, 933, 121.	1.6	9
23	Fast radio bursts. <i>Astronomy and Geophysics</i> , 2021, 62, 1.29-1.35.	0.1	8
24	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	3.0	215
25	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	3.0	67
26	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	3.0	297
27	Astrophysics Milestones for Pulsar Timing Array Gravitational-wave Detection. <i>Astrophysical Journal Letters</i> , 2021, 911, L34.	3.0	66
28	Constraining Galaxy Halos from the Dispersion and Scattering of Fast Radio Bursts and Pulsars. <i>Astrophysical Journal</i> , 2021, 911, 102.	1.6	27
29	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.	1.6	18
30	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	3.0	56
31	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	1.6	43
32	Persistent plasma waves in interstellar space detected by Voyager 1. <i>Nature Astronomy</i> , 2021, 5, 761-765.	4.2	20
33	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
34	The Breakthrough Listen Search For Intelligent Life Near the Galactic Center. I.. <i>Astronomical Journal</i> , 2021, 162, 33.	1.9	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.	1.6	21
36	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	4.2	65

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37	The NANOGrav 12.5 Year Data Set: Monitoring Interstellar Scattering Delays. <i>Astrophysical Journal</i> , 2021, 917, 10.	1.6	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.	3.0	98
39	The NANOGrav 12.5 yr Data Set: Wideband Timing of 47 Millisecond Pulsars. <i>Astrophysical Journal</i> , Supplement Series, 2021, 252, 5.	3.0	64
40	An Arecibo Search for Fast Radio Transients from M87. <i>Astrophysical Journal</i> , 2021, 920, 16.	1.6	1
41	A bimodal burst energy distribution of a repeating fast radio burst source. <i>Nature</i> , 2021, 598, 267-271.	13.7	129
42	4–8 GHz Spectrotemporal Emission from the Galactic Center Magnetar PSR J1745–2900. <i>Astrophysical Journal</i> , 2021, 921, 101.	1.6	7
43	An In Situ Study of Turbulence near Stellar Bow Shocks. <i>Astrophysical Journal</i> , 2021, 922, 233.	1.6	7
44	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
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	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. <i>Physical Review Letters</i> , 2020, 125, 141104.	2.9	190
47	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	1.6	44
48	Electron Density Structure of the Local Galactic Disk. <i>Astrophysical Journal</i> , 2020, 897, 124.	1.6	31
49	A magnetar parallax. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3736-3743.	1.6	11
50	Asymmetric mass ratios for bright double neutron-star mergers. <i>Nature</i> , 2020, 583, 211-214.	13.7	38
51	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	1.6	47
52	The NANOGrav 11 yr Data Set: Evolution of Gravitational-wave Background Statistics. <i>Astrophysical Journal</i> , 2020, 890, 108.	1.6	28
53	Detecting Gravitational Scattering of Interstellar Objects Using Pulsar Timing. <i>Astrophysical Journal</i> , 2020, 889, 145.	1.6	3
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	The Karl G. Jansky Very Large Array Sky Survey (VLASS). Science Case and Survey Design. Publications of the Astronomical Society of the Pacific, 2020, 132, 035001.	1.0	337
56	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. Astronomy and Astrophysics, 2020, 640, A69.	2.1	54
57	A pulsar-based time-scale from the International Pulsar Timing Array. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5951-5965.	1.6	51
58	Modeling the Uncertainties of Solar System Ephemerides for Robust Gravitational-wave Searches with Pulsar-timing Arrays. Astrophysical Journal, 2020, 893, 112.	1.6	49
59	Multimessenger Gravitational-wave Searches with Pulsar Timing Arrays: Application to 3C 66B Using the NANOGrav 11-year Data Set. Astrophysical Journal, 2020, 900, 102.	1.6	30
60	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. Astrophysical Journal, 2020, 901, 67.	1.6	51
61	Detection of 2–4 GHz Continuum Emission from μ Eridani. Astrophysical Journal, 2020, 904, 138.	1.6	7
62	The NANOGrav 12.5-yr Data Set: Search for an Isotropic Stochastic Gravitational-wave Background. Astrophysical Journal Letters, 2020, 905, L34.	3.0	528
63	Pulsar Timing Signatures of Circumbinary Asteroid Belts. Astrophysical Journal, 2020, 904, 191.	1.6	3
64	The NANOGrav 11 yr Data Set: Limits on Gravitational Waves from Individual Supermassive Black Hole Binaries. Astrophysical Journal, 2019, 880, 116.	1.6	102
65	A Radio Source Coincident with the Superluminous Supernova PTF10hgi: Evidence for a Central Engine and an Analog of the Repeating FRB 121102?. Astrophysical Journal Letters, 2019, 876, L10.	3.0	40
66	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. Astrophysical Journal, Supplement Series, 2019, 243, 26.	3.0	175
67	The International Pulsar Timing Array: second data release. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4666-4687.	1.6	191
68	Mass Measurements for Two Binary Pulsars Discovered in the PALFA Survey. Astrophysical Journal, 2019, 881, 165.	1.6	21
69	Fast Radio Bursts: An Extragalactic Enigma. Annual Review of Astronomy and Astrophysics, 2019, 57, 417-465.	8.1	324
70	A Sample of Low-energy Bursts from FRB 121102. Astrophysical Journal Letters, 2019, 877, L19.	3.0	120
71	VLA Observations of Single Pulses from the Galactic Center Magnetar. Astrophysical Journal, 2019, 875, 143.	1.6	8
72	FRB 121102 Bursts Show Complex Time–Frequency Structure. Astrophysical Journal Letters, 2019, 876, L23.	3.0	230

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73	The NANOGrav 11 yr Data Set: Solar Wind Sounding through Pulsar Timing. <i>Astrophysical Journal</i> , 2019, 872, 150.	1.6	22
74	Microarcsecond VLBI Pulsar Astrometry with PSRĀ II. Parallax Distances for 57 Pulsars. <i>Astrophysical Journal</i> , 2019, 875, 100.	1.6	93
75	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	3.0	519
76	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	3.0	618
77	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	3.0	806
78	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	3.0	2,264
79	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	3.0	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.	3.0	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.	1.6	10
82	Eight Millisecond Pulsars Discovered in the Arecibo PALFA Survey. <i>Astrophysical Journal</i> , 2019, 886, 148.	1.6	18
83	Detection of Pulses from the Vela Pulsar at Millimeter Wavelengths with Phased ALMA. <i>Astrophysical Journal Letters</i> , 2019, 885, L10.	3.0	9
84	VLA multi-wavelength microwave observations of Saturn's C and B rings. <i>Icarus</i> , 2019, 317, 518-548.	1.1	9
85	PALFA Discovery of a Highly Relativistic Double Neutron Star Binary. <i>Astrophysical Journal Letters</i> , 2018, 854, L22.	3.0	119
86	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
87	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. <i>Nature</i> , 2018, 553, 182-185.	13.7	368
88	A Search for Molecular Gas in the Host Galaxy of FRB 121102. <i>Astronomical Journal</i> , 2018, 155, 227.	1.9	2
89	A Second Chromatic Timing Event of Interstellar Origin toward PSR J1713+0747. <i>Astrophysical Journal</i> , 2018, 861, 132.	1.6	51
90	Detection of Bursts from FRBĀ121102Āwith the Effelsberg 100 m Radio Telescope at 5 GHz and the Role of Scintillation. <i>Astrophysical Journal</i> , 2018, 863, 150.	1.6	34

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91	Noise Budget and Interstellar Medium Mitigation Advances in the NANOGrav Pulsar Timing Array. <i>Journal of Physics: Conference Series</i> , 2018, 957, 012007.	0.3	2
92	Binary Pulsar Distances and Velocities from Gaia Data Release 2. <i>Astrophysical Journal</i> , 2018, 864, 26.	1.6	43
93	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
94	The NANOGrav 11-year Data Set: Pulse Profile Variability. <i>Astrophysical Journal</i> , 2018, 868, 122.	1.6	15
95	A VLBI Distance and Transverse Velocity for PSR B1913+16. <i>Astrophysical Journal</i> , 2018, 862, 139.	1.6	13
96	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
97	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
98	Optimal Frequency Ranges for Submicrosecond Precision Pulsar Timing. <i>Astrophysical Journal</i> , 2018, 861, 12.	1.6	25
99	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
100	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
101	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal Letters</i> , 2017, 834, L7.	3.0	495
102	THE NANOGRAV NINE-YEAR DATA SET: EXCESS NOISE IN MILLISECOND PULSAR ARRIVAL TIMES. <i>Astrophysical Journal</i> , 2017, 834, 35.	1.6	54
103	Lensing of Fast Radio Bursts by Plasma Structures in Host Galaxies. <i>Astrophysical Journal</i> , 2017, 842, 35.	1.6	133
104	TIMING OF 29 PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017, 834, 137.	1.6	25
105	TWO LONG-TERM INTERMITTENT PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2017, 834, 72.	1.6	43
106	A direct localization of a fast radio burst and its host. <i>Nature</i> , 2017, 541, 58-61.	13.7	616
107	The Repeating Fast Radio Burst FRB 121102 as Seen on Milliarsecond Angular Scales. <i>Astrophysical Journal Letters</i> , 2017, 834, L8.	3.0	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.	1.6	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.	1.6	148
110	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 843, L8.	3.0	130
111	The NANOGrav Nine-year Data Set: Measurement and Analysis of Variations in Dispersion Measures. <i>Astrophysical Journal</i> , 2017, 841, 125.	1.6	76
112	TRANSIENT EVENTS IN ARCHIVAL VERY LARGE ARRAY OBSERVATIONS OF THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 833, 11.	1.6	10
113	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. <i>Astrophysical Journal</i> , 2016, 833, 177.	1.6	238
114	A repeating fast radio burst. <i>Nature</i> , 2016, 531, 202-205.	13.7	690
115	The International Pulsar Timing Array: First data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1267-1288.	1.6	332
116	THE NANOGrav NINE-YEAR DATA SET: LIMITS ON THE ISOTROPIC STOCHASTIC GRAVITATIONAL WAVE BACKGROUND. <i>Astrophysical Journal</i> , 2016, 821, 13.	1.6	227
117	MICROARCSECOND VLBI PULSAR ASTROMETRY WITH PSRĲ. I. TWO BINARY MILLISECOND PULSARS WITH WHITE DWARF COMPANIONS. <i>Astrophysical Journal</i> , 2016, 828, 8.	1.6	30
118	EINSTEIN@HOME DISCOVERY OF A DOUBLE NEUTRON STAR BINARY IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2016, 831, 150.	1.6	52
119	SYSTEMATIC AND STOCHASTIC VARIATIONS IN PULSAR DISPERSION MEASURES. <i>Astrophysical Journal</i> , 2016, 821, 66.	1.6	39
120	TIMING OF FIVE PALFA-DISCOVERED MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2016, 833, 192.	1.6	17
121	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
122	THE NANOGrav NINE-YEAR DATA SET: MONITORING INTERSTELLAR SCATTERING DELAYS. <i>Astrophysical Journal</i> , 2016, 818, 166.	1.6	57
123	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
124	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.	0.3	8
125	NANOGrav CONSTRAINTS ON GRAVITATIONAL WAVE BURSTS WITH MEMORY. <i>Astrophysical Journal</i> , 2015, 810, 150.	1.6	54
126	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.	1.6	77

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127	Revisiting the birth locations of pulsars B1929+10, B2020+28, and B2021+51. <i>Astronomy and Astrophysics</i> , 2015, 577, A111.	2.1	29
128	THE NANOGRAV NINE-YEAR DATA SET: OBSERVATIONS, ARRIVAL TIME MEASUREMENTS, AND ANALYSIS OF 37 MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2015, 813, 65.	1.6	185
129	THE BINARY COMPANION OF YOUNG, RELATIVISTIC PULSAR J1906+0746. <i>Astrophysical Journal</i> , 2015, 798, 118.	1.6	82
130	TIMING OF FIVE MILLISECOND PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2015, 800, 123.	1.6	40
131	<i>Einstein@Home</i> DISCOVERY OF A PALFA MILLISECOND PULSAR IN AN ECCENTRIC BINARY ORBIT. <i>Astrophysical Journal</i> , 2015, 806, 140.	1.6	25
132	PULSAR TIMING ERRORS FROM ASYNCHRONOUS MULTI-FREQUENCY SAMPLING OF DISPERSION MEASURE VARIATIONS. <i>Astrophysical Journal</i> , 2015, 801, 130.	1.6	26
133	ARECIBO PULSAR SURVEY USING ALFA. III. PRECURSOR SURVEY AND POPULATION SYNTHESIS. <i>Astrophysical Journal</i> , 2014, 787, 137.	1.6	16
134	SEARCHING FOR PULSARS USING IMAGE PATTERN RECOGNITION. <i>Astrophysical Journal</i> , 2014, 781, 117.	1.6	99
135	ASSESSING PULSAR TIMING ARRAY SENSITIVITY TO GRAVITATIONAL WAVE BURSTS WITH MEMORY. <i>Astrophysical Journal</i> , 2014, 788, 141.	1.6	36
136	A millisecond pulsar in a stellar triple system. <i>Nature</i> , 2014, 505, 520-524.	13.7	268
137	A 24 HR GLOBAL CAMPAIGN TO ASSESS PRECISION TIMING OF THE MILLISECOND PULSAR J1713+0747. <i>Astrophysical Journal</i> , 2014, 794, 21.	1.6	37
138	FAST RADIO BURST DISCOVERED IN THE ARECIBO PULSAR ALFA SURVEY. <i>Astrophysical Journal</i> , 2014, 790, 101.	1.6	409
139	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.	1.6	104
140	TIMING AND INTERSTELLAR SCATTERING OF 35 DISTANT PULSARS DISCOVERED IN THE PALFA SURVEY. <i>Astrophysical Journal</i> , 2013, 772, 50.	1.6	28
141	THE BENEFITS OF VLBI ASTROMETRY TO PULSAR TIMING ARRAY SEARCHES FOR GRAVITATIONAL RADIATION. <i>Astrophysical Journal</i> , 2013, 777, 104.	1.6	21
142	THE <i>EINSTEIN@HOME</i> SEARCH FOR RADIO PULSARS AND PSR J2007+2722 DISCOVERY. <i>Astrophysical Journal</i> , 2013, 773, 91.	1.6	53
143	peace: pulsar evaluation algorithm for candidate extraction – a software package for post-analysis processing of pulsar survey candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 688-694.	1.6	48
144	VAST: An ASKAP Survey for Variables and Slow Transients. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	1.3	88

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145	A PARALLAX DISTANCE AND MASS ESTIMATE FOR THE TRANSITIONAL MILLISECOND PULSAR SYSTEM J1023+0038. <i>Astrophysical Journal Letters</i> , 2012, 756, L25.	3.0	101
146	AN EXTREME PULSAR TAIL PROTRUDING FROM THE FRYING PAN SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , 2012, 746, 105.	1.6	30
147	PSR J1841-0500: A RADIO PULSAR THAT MOSTLY IS NOT THERE. <i>Astrophysical Journal</i> , 2012, 746, 63.	1.6	105
148	Astrometric observations of neutron stars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 82-82.	0.0	0
149	MULTIWAVELENGTH CONSTRAINTS ON PULSAR POPULATIONS IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2012, 753, 108.	1.6	89
150	FOUR HIGHLY DISPERSED MILLISECOND PULSARS DISCOVERED IN THE ARECIBO PALFA GALACTIC PLANE SURVEY. <i>Astrophysical Journal</i> , 2012, 757, 90.	1.6	18
151	MULTIMOMENT RADIO TRANSIENT DETECTION. <i>Astrophysical Journal</i> , 2012, 748, 73.	1.6	15
152	TWO MILLISECOND PULSARS DISCOVERED BY THE PALFA SURVEY AND A SHAPIRO DELAY MEASUREMENT. <i>Astrophysical Journal</i> , 2012, 757, 89.	1.6	29
153	ARECIBO PALFA SURVEY AND EINSTEIN@HOME: BINARY PULSAR DISCOVERY BY VOLUNTEER COMPUTING. <i>Astrophysical Journal Letters</i> , 2011, 732, L1.	3.0	25
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