

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	A two-solar-mass neutron star measured using Shapiro delay. <i>Nature</i> , 2010, 467, 1081-1083.	13.7	3,065
2	A Massive Pulsar in a Compact Relativistic Binary. <i>Science</i> , 2013, 340, 448, 1233232.	6.0	2,890
3	Relativistic Shapiro delay measurements of an extremely massive millisecond pulsar. <i>Nature Astronomy</i> , 2020, 4, 72-76.	4.2	1,065
4	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17.	3.0	693
5	A repeating fast radio burst. <i>Nature</i> , 2016, 531, 202-205.	13.7	690
6	A Radio Pulsar Spinning at 716 Hz. <i>Science</i> , 2006, 311, 1901-1904.	6.0	635
7	A direct localization of a fast radio burst and its host. <i>Nature</i> , 2017, 541, 58-61.	13.7	616
8	The Radius of PSR J0740+6620 from NICER and XMM-Newton Data. <i>Astrophysical Journal Letters</i> , 2021, 918, L28.	3.0	556
9	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
10	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
11	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal Letters</i> , 2017, 834, L7.	3.0	495
12	The International Pulsar Timing Array project: using pulsars as a gravitational wave detector. <i>Classical and Quantum Gravity</i> , 2010, 27, 084013.	1.5	494
13	THE NANOGRAV NINE-YEAR DATA SET: MASS AND GEOMETRIC MEASUREMENTS OF BINARY MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2016, 832, 167.	1.6	466
14	A Radio Pulsar/X-ray Binary Link. <i>Science</i> , 2009, 324, 1411-1414.	6.0	463
15	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
16	Refined Mass and Geometric Measurements of the High-mass PSR J0740+6620. <i>Astrophysical Journal Letters</i> , 2021, 915, L12.	3.0	416
17	FAST RADIO BURST DISCOVERED IN THE Arecibo Pulsar ALFA Survey. <i>Astrophysical Journal</i> , 2014, 790, 101.	1.6	409
18	THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 460-494.	3.0	396

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19	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. <i>Nature</i> , 2018, 553, 182-185.	13.7	368
20	Swings between rotation and accretion power in a binary millisecond pulsar. <i>Nature</i> , 2013, 501, 517-520.	13.7	355
21	Transient pulsed radio emission from a magnetar. <i>Nature</i> , 2006, 442, 892-895.	13.7	346
22	The International Pulsar Timing Array: First data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1267-1288.	1.6	332
23	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
24	Fourier Techniques for Very Long Astrophysical Time-Series Analysis. <i>Astronomical Journal</i> , 2002, 124, 1788-1809.	1.9	304
25	CHIME/FRB Discovery of Eight New Repeating Fast Radio Burst Sources. <i>Astrophysical Journal Letters</i> , 2019, 885, L24.	3.0	302
26	The Repeating Fast Radio Burst FRB 121102 as Seen on Milliarcsecond Angular Scales. <i>Astrophysical Journal Letters</i> , 2017, 834, L8.	3.0	300
27	LIMITS ON THE STOCHASTIC GRAVITATIONAL WAVE BACKGROUND FROM THE NORTH AMERICAN NANOHERTZ OBSERVATORY FOR GRAVITATIONAL WAVES. <i>Astrophysical Journal</i> , 2013, 762, 94.	1.6	270
28	A millisecond pulsar in a stellar triple system. <i>Nature</i> , 2014, 505, 520-524.	13.7	268
29	Twenty-One Millisecond Pulsars in Terzan 5 Using the Green Bank Telescope. <i>Science</i> , 2005, 307, 892-896.	6.0	256
30	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. <i>Astrophysical Journal</i> , 2016, 833, 177.	1.6	238
31	On the nature and evolution of the unique binary pulsar J1903+0327. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2763-2780.	1.6	237
32	1E 1547.0-5408: A Radio-emitting Magnetar with a Rotation Period of 2 Seconds. <i>Astrophysical Journal</i> , 2007, 666, L93-L96.	1.6	233
33	Periodic activity from a fast radio burst source. <i>Nature</i> , 2020, 582, 351-355.	13.7	231
34	FRB 121102 Bursts Show Complex Time-Dependent Frequency Structure. <i>Astrophysical Journal Letters</i> , 2019, 876, L23.	3.0	230
35	THE NANOGRAV NINE-YEAR DATA SET: LIMITS ON THE ISOTROPIC STOCHASTIC GRAVITATIONAL WAVE BACKGROUND. <i>Astrophysical Journal</i> , 2016, 821, 13.	1.6	227
36	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

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37	The CHIME Fast Radio Burst Project: System Overview. <i>Astrophysical Journal</i> , 2018, 863, 48.	1.6	215
38	The cluster Terzan 5 as a remnant of a primordial building block of the Galactic bulge. <i>Nature</i> , 2009, 462, 483-486.	13.7	207
39	Arecibo Pulsar Survey Using ALFA. I. Survey Strategy and First Discoveries. <i>Astrophysical Journal</i> , 2006, 637, 446-455.	1.6	205
40	The First CHIME/FRB Fast Radio Burst Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 59.	3.0	199
41	PRECISE $\hat{\nu}^3$ -RAY TIMING AND RADIO OBSERVATIONS OF 17 <i><i>FERMI</i> $\hat{\nu}^3$-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i>, 2011, 194, 17.</i>	3.0	195
42	THE GREEN BANK NORTHERN CELESTIAL CAP PULSAR SURVEY. I. SURVEY DESCRIPTION, DATA ANALYSIS, AND INITIAL RESULTS. <i>Astrophysical Journal</i> , 2014, 791, 67.	1.6	192
43	The International Pulsar Timing Array: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4666-4687.	1.6	191
44	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	6.0	190
45	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
46	Discovery of a Transient Magnetar: XTE J1810-197. <i>Astrophysical Journal</i> , 2004, 609, L21-L24.	1.6	181
47	Nine New Repeating Fast Radio Burst Sources from CHIME/FRB. <i>Astrophysical Journal Letters</i> , 2020, 891, L6.	3.0	178
48	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
49	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. <i>Astrophysical Journal</i> , 2010, 713, 671-685.	1.6	155
50	Relativistic Spin Precession in the Double Pulsar. <i>Science</i> , 2008, 321, 104-107.	6.0	152
51	An Eccentric Binary Millisecond Pulsar in the Galactic Plane. <i>Science</i> , 2008, 320, 1309-1312.	6.0	152
52	Eight New Millisecond Pulsars in NGC 6440 and NGC 6441. <i>Astrophysical Journal</i> , 2008, 675, 670-682.	1.6	149
53	A Multi-telescope Campaign on FRB 121102: Implications for the FRB Population. <i>Astrophysical Journal</i> , 2017, 850, 76.	1.6	148
54	THREE MILLISECOND PULSARS IN <i><i>FERMI</i> LAT UNASSOCIATED BRIGHT SOURCES. <i>Astrophysical Journal Letters</i>, 2011, 727, L16.</i>	3.0	133

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55	THE TIMING OF NINE GLOBULAR CLUSTER PULSARS. <i>Astrophysical Journal</i> , 2012, 745, 109.	1.6	131
56	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 843, L8.	3.0	130
57	THE MASSIVE PULSAR PSR J1614-2230: LINKING QUANTUM CHROMODYNAMICS, GAMMA-RAY BURSTS, AND GRAVITATIONAL WAVE ASTRONOMY. <i>Astrophysical Journal Letters</i> , 2010, 724, L199-L202.	3.0	127
58	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119.	1.6	125
59	EIGHT γ -RAY PULSARS DISCOVERED IN BLIND FREQUENCY SEARCHES OF <i>FERMI</i> /LAT DATA. <i>Astrophysical Journal</i> , 2010, 725, 571-584.	1.6	124
60	A RADIO-SELECTED BLACK HOLE X-RAY BINARY CANDIDATE IN THE MILKY WAY GLOBULAR CLUSTER M62. <i>Astrophysical Journal</i> , 2013, 777, 69.	1.6	122
61	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
62	<i>FERMI</i> /LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	1.6	120
63	PALFA Discovery of a Highly Relativistic Double Neutron Star Binary. <i>Astrophysical Journal Letters</i> , 2018, 854, L22.	3.0	119
64	DISCOVERY OF THE OPTICAL COUNTERPARTS TO FOUR ENERGETIC <i>FERMI</i> /MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2013, 769, 108.	1.6	118
65	A <i>CHANDRA</i> /X-RAY OBSERVATION OF THE BINARY MILLISECOND PULSAR PSR J1023+0038. <i>Astrophysical Journal</i> , 2011, 742, 97.	1.6	111
66	A repeating fast radio burst source in a globular cluster. <i>Nature</i> , 2022, 602, 585-589.	13.7	110
67	Fast Radio Burst Morphology in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2021, 923, 1.	1.6	109
68	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
69	RADIO DETECTION OF LAT PSRs J1741-2054 AND J2032+4127: NO LONGER JUST GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2009, 705, 1-13.	1.6	107
70	THE GREEN BANK TELESCOPE 350 MHz DRIFT-SCAN SURVEY II: DATA ANALYSIS AND THE TIMING OF 10 NEW PULSARS, INCLUDING A RELATIVISTIC BINARY. <i>Astrophysical Journal</i> , 2013, 763, 81.	1.6	107
71	PSR J1841-0500: A RADIO PULSAR THAT MOSTLY IS NOT THERE. <i>Astrophysical Journal</i> , 2012, 746, 63.	1.6	105
72	TESTING THEORIES OF GRAVITATION USING 21-YEAR TIMING OF PULSAR BINARY J1713+0747. <i>Astrophysical Journal</i> , 2015, 809, 41.	1.6	105

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73	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
74	Discovery of X-Ray Pulsations from the Compact Central Source in the Supernova Remnant 3C 58. <i>Astrophysical Journal</i> , 2002, 568, 226-231.	1.6	103
75	Arecibo Pulsar Survey Using ALFA. II. The Young, Highly Relativistic Binary Pulsar J1906+0746. <i>Astrophysical Journal</i> , 2006, 640, 428-434.	1.6	103
76	ARECIBO PULSAR SURVEY USING ALFA: PROBING RADIO PULSAR INTERMITTENCY AND TRANSIENTS. <i>Astrophysical Journal</i> , 2009, 703, 2259-2274.	1.6	103
77	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
78	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
79	The Magnetar 1E 1547.0-5408: Radio Spectrum, Polarimetry, and Timing. <i>Astrophysical Journal</i> , 2008, 679, 681-686.	1.6	100
80	SEARCHING FOR PULSARS USING IMAGE PATTERN RECOGNITION. <i>Astrophysical Journal</i> , 2014, 781, 117.	1.6	99
81	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
82	CHIME/FRB Detection of the Original Repeating Fast Radio Burst Source FRB 121102. <i>Astrophysical Journal Letters</i> , 2019, 882, L18.	3.0	98
83	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
84	Gravitational-wave physics and astronomy in the 2020s and 2030s. <i>Nature Reviews Physics</i> , 2021, 3, 344-366.	11.9	96
85	The Magnetar XTE J1810-197: Variations in Torque, Radio Flux Density, and Pulse Profile Morphology. <i>Astrophysical Journal</i> , 2007, 663, 497-504.	1.6	94
86	THE GREEN BANK TELESCOPE 350 MHz DRIFT-SCAN SURVEY. I. SURVEY OBSERVATIONS AND THE DISCOVERY OF 13 PULSARS. <i>Astrophysical Journal</i> , 2013, 763, 80.	1.6	92
87	HIGH-PRECISION TIMING OF FIVE MILLISECOND PULSARS: SPACE VELOCITIES, BINARY EVOLUTION, AND EQUIVALENCE PRINCIPLES. <i>Astrophysical Journal</i> , 2011, 743, 102.	1.6	90
88	A New Search Technique for Short Orbital Period Binary Pulsars. <i>Astrophysical Journal</i> , 2003, 589, 911-920.	1.6	86
89	NEW DENSITY PROFILE AND STRUCTURAL PARAMETERS OF THE COMPLEX STELLAR SYSTEM TERZAN 5. <i>Astrophysical Journal</i> , 2010, 717, 653-657.	1.6	86
90	PSR J1833-1034: Discovery of the Central Young Pulsar in the Supernova Remnant G21.5-0.9. <i>Astrophysical Journal</i> , 2006, 637, 456-465.	1.6	85

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91	DISCOVERY OF NINE GAMMA-RAY PULSARS IN <i>FERMI</i> LARGE AREA TELESCOPE DATA USING A NEW BLIND SEARCH METHOD. <i>Astrophysical Journal</i> , 2012, 744, 105.	1.6	85
92	THE BINARY COMPANION OF YOUNG, RELATIVISTIC PULSAR J1906+0746. <i>Astrophysical Journal</i> , 2015, 798, 118.	1.6	82
93	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
94	Pulsar timing for the <i>Fermi</i> gamma-ray space telescope. <i>Astronomy and Astrophysics</i> , 2008, 492, 923-931.	2.1	81
95	X-RAY VARIABILITY AND EVIDENCE FOR PULSATIONS FROM THE UNIQUE RADIO PULSAR/X-RAY BINARY TRANSITION OBJECT FIRST J102347.6+003841. <i>Astrophysical Journal</i> , 2010, 722, 88-95.	1.6	81
96	ELEMENTARY WIDEBAND TIMING OF RADIO PULSARS. <i>Astrophysical Journal</i> , 2014, 790, 93.	1.6	79
97	The Variable Radio X-Ray Spectrum of the Magnetar XTE J1810-197. <i>Astrophysical Journal</i> , 2007, 669, 561-569.	1.6	78
98	A 1.4 GHz Arecibo Survey for Pulsars in Globular Clusters. <i>Astrophysical Journal</i> , 2007, 670, 363-378.	1.6	77
99	Discovery of millisecond pulsars in radio searches of southern <i>Fermi</i> Large Area Telescope sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1292-1300.	1.6	77
100	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
101	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
102	PARKES RADIO SEARCHES OF <i>FERMI</i> GAMMA-RAY SOURCES AND MILLISECOND PULSAR DISCOVERIES. <i>Astrophysical Journal</i> , 2015, 810, 85.	1.6	76
103	The NANOGrav Nine-year Data Set: Measurement and Analysis of Variations in Dispersion Measures. <i>Astrophysical Journal</i> , 2017, 841, 125.	1.6	76
104	X-RAY OBSERVATIONS OF BLACK WIDOW PULSARS. <i>Astrophysical Journal</i> , 2014, 783, 69.	1.6	75
105	Discovery of Radio Pulsations from the X-Ray Pulsar J0205+6449 in Supernova Remnant 3C 58 with the Green Bank Telescope. <i>Astrophysical Journal</i> , 2002, 571, L41-L44.	1.6	73
106	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
107	The Green Bank North Celestial Cap Pulsar Survey. III. 45 New Pulsar Timing Solutions. <i>Astrophysical Journal</i> , 2018, 859, 93.	1.6	72
108	A HIGH-FREQUENCY SEARCH FOR PULSARS WITHIN THE CENTRAL PARSEC OF Sgr A*. <i>Astrophysical Journal</i> , 2010, 715, 939-946.	1.6	70

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109	Outburst of the 2 s Anomalous X-ray Pulsar 1E 1547.0 $\hat{\sim}$ 5408. <i>Astrophysical Journal</i> , 2008, 676, 1178-1183.	1.6	66
110	DISCOVERY OF TWO MILLISECOND PULSARS IN <i>FERMI</i> SOURCES WITH THE NANÅ†AY RADIO TELESCOPE. <i>Astrophysical Journal</i> , 2011, 732, 47.	1.6	66
111	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
112	Astrophysics Milestones for Pulsar Timing Array Gravitational-wave Detection. <i>Astrophysical Journal Letters</i> , 2021, 911, L34.	3.0	66
113	Fermi Detection of a Luminous $\hat{\imath}^3$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	6.0	65
114	PULSED GAMMA RAYS FROM THE ORIGINAL MILLISECOND AND BLACK WIDOW PULSARS: A CASE FOR CAUSTIC RADIO EMISSION?. <i>Astrophysical Journal</i> , 2012, 744, 33.	1.6	65
115	PSR J2021+3651: A Young Radio Pulsar Coincident with an Unidentified EGRET $\hat{\imath}^3$ -Ray Source. <i>Astrophysical Journal</i> , 2002, 577, L19-L22.	1.6	65
116	SDSS J102347.6+003841: A MILLISECOND RADIO PULSAR BINARY THAT HAD A HOT DISK DURING 2000-2001. <i>Astrophysical Journal</i> , 2009, 703, 2017-2023.	1.6	64
117	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
118	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
119	Polarized Radio Emission from the Magnetar XTE J1810-197. <i>Astrophysical Journal</i> , 2007, 659, L37-L40.	1.6	61
120	A Fourier Domain $\hat{\imath}^3$ -Search for Binary Pulsars. <i>Astrophysical Journal Letters</i> , 2018, 863, L13.	3.0	61
121	<i>FERMI</i>-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2011, 726, 35.	1.6	60
122	Observations of PSR J2021+3651 and its X-ray Pulsar Wind Nebula G75.2+0.1. <i>Astrophysical Journal</i> , 2004, 612, 389-397.	1.6	59
123	A Binary Millisecond Pulsar in Globular Cluster NGC 6544. <i>Astrophysical Journal</i> , 2001, 546, L25-L28.	1.6	58
124	PINT: A Modern Software Package for Pulsar Timing. <i>Astrophysical Journal</i> , 2021, 911, 45.	1.6	58
125	The Green Bank Telescope Pulsar Spigot. <i>Publications of the Astronomical Society of the Pacific</i> , 2005, 117, 643-653.	1.0	57
126	Pulsar Discovery by Global Volunteer Computing. <i>Science</i> , 2010, 329, 1305-1305.	6.0	57

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127	THE NANOGrAV NINE-YEAR DATA SET: MONITORING INTERSTELLAR SCATTERING DELAYS. <i>Astrophysical Journal</i> , 2016, 818, 166.	1.6	57
128	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 708, 1426-1441.	1.6	56
129	A GIANT SAMPLE OF GIANT PULSES FROM THE CRAB PULSAR. <i>Astrophysical Journal</i> , 2012, 760, 64.	1.6	56
130	XÉRay, Radio, and Optical Observations of the Putative Pulsar in the Supernova Remnant CTA 1. <i>Astrophysical Journal</i> , 2004, 612, 398-407.	1.6	56
131	LOFAR Discovery of the Fastest-spinning Millisecond Pulsar in the Galactic Field. <i>Astrophysical Journal Letters</i> , 2017, 846, L20.	3.0	55
132	NANOGrav CONSTRAINTS ON GRAVITATIONAL WAVE BURSTS WITH MEMORY. <i>Astrophysical Journal</i> , 2015, 810, 150.	1.6	54
133	THE NANOGrAV NINE-YEAR DATA SET: ASTROMETRIC MEASUREMENTS OF 37 MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2016, 818, 92.	1.6	54
134	THE NANOGrAV NINE-YEAR DATA SET: EXCESS NOISE IN MILLISECOND PULSAR ARRIVAL TIMES. <i>Astrophysical Journal</i> , 2017, 834, 35.	1.6	54
135	A Search for Fast Radio Bursts with the GBNCC Pulsar Survey. <i>Astrophysical Journal</i> , 2017, 844, 140.	1.6	54
136	FIVE NEW MILLISECOND PULSARS FROM A RADIO SURVEY OF 14 UNIDENTIFIED <i>FERMI</i> -LAT GAMMA-RAY SOURCES. <i>Astrophysical Journal Letters</i> , 2012, 748, L2.	3.0	53
137	THE <i>EINSTEIN@HOME</i> SEARCH FOR RADIO PULSARS AND PSR J2007+2722 DISCOVERY. <i>Astrophysical Journal</i> , 2013, 773, 91.	1.6	53
138	GMRT DISCOVERY OF PSR J1544+4937: AN ECLIPSING BLACK-WIDOW PULSAR IDENTIFIED WITH A <i>FERMI</i> -LAT SOURCE. <i>Astrophysical Journal Letters</i> , 2013, 773, L12.	3.0	53
139	BROADBAND PULSATIONS FROM PSR B1821â24: IMPLICATIONS FOR EMISSION MODELS AND THE PULSAR POPULATION OF M28. <i>Astrophysical Journal</i> , 2013, 778, 106.	1.6	53
140	A Survey of 56 Midlatitude EGRET Error Boxes for Radio Pulsars. <i>Astrophysical Journal</i> , 2006, 652, 1499-1507.	1.6	52
141	YOUNG RADIO PULSARS IN GALACTIC GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2011, 742, 51.	1.6	52
142	Six millisecond pulsars detected by the Fermi Large Area Telescope and the radio/gamma-ray connection of millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 571-587.	1.6	52
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