

# Paul S Ray

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

218

papers

11,417

citations

56

h-index

101

g-index

224

ext. papers

14,121

ext. citations

6.6

avg, IF

5.37

L-index

#	Paper	IF	Citations
218	Pulse Peak Migration during the Outburst Decay of the Magnetar SGR 1830-0645: Crustal Motion and Magnetospheric Untwisting. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 924, L27	7.9	2
217	X-Ray Burst and Persistent Emission Properties of the Magnetar SGR 1830-0645 in Outburst. <i>Astrophysical Journal</i> , <b>2022</b> , 924, 136	4.7	0
216	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> , <b>2022</b> , 926, 168	4.7	0
215	An Empirical Background Model for the NICER X-Ray Timing Instrument. <i>Astronomical Journal</i> , <b>2022</b> , 163, 130	4.9	12
214	Discovery, Timing, and Multiwavelength Observations of the Black Widow Millisecond Pulsar PSR J1555-908. <i>Astrophysical Journal</i> , <b>2022</b> , 927, 216	4.7	2
213	A Detection of Red Noise in PSR J1824-452A and Projections for PSR B1937+21 Using NICER X-Ray Timing Data. <i>Astrophysical Journal</i> , <b>2022</b> , 928, 67	4.7	0
212	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background.. <i>Science</i> , <b>2022</b> , 376, eabm3231	33.3	1
211	Bayesian Solar Wind Modeling with Pulsar Timing Arrays. <i>Astrophysical Journal</i> , <b>2022</b> , 929, 39	4.7	0
210	Is the Black-widow Pulsar PSR J1555-908 in a Hierarchical Triple System?. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 931, L3	7.9	0
209	Searching for Gravitational Waves from Cosmological Phase Transitions with the NANOGrav 12.5-Year Dataset.. <i>Physical Review Letters</i> , <b>2021</b> , 127, 251302	7.4	9
208	The NANOGrav 12.5-year Data Set: Search for Non-Einsteinian Polarization Modes in the Gravitational-wave Background. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 923, L22	7.9	3
207	A Comprehensive X-Ray Report on AT2019wey. <i>Astrophysical Journal</i> , <b>2021</b> , 920, 121	4.7	4
206	The NANOGrav 12.5 yr Data Set: Observations and Narrowband Timing of 47 Millisecond Pulsars. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 252, 4	8	38
205	The NANOGrav 12.5 yr Data Set: Wideband Timing of 47 Millisecond Pulsars. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 252, 5	8	31
204	A Month of Monitoring the New Magnetar Swift J1555.2-0402 during an X-Ray Outburst. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 920, L4	7.9	1
203	FAST discovery of an extremely radio-faint millisecond pulsar from the Fermi-LAT unassociated source 3FGL J0318.1+0252. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2021</b> , 64, 1	3.6	6
202	RX J0529.8-0556: a BeXRB pulsar with an evolving optical period and out of phase X-ray outbursts. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 6187-6201	4.3	1

201	The First Fast Radio Burst Detected with VLITE-Fast. <i>Research Notes of the AAS</i> , <b>2021</b> , 5, 46	o.8
200	Timing of Eight Binary Millisecond Pulsars Found with Arecibo in Fermi-LAT Unidentified Sources. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 6	4.7 5
199	Astrophysics Milestones for Pulsar Timing Array Gravitational-wave Detection. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 911, L34	7.9 16
198	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> , <b>2021</b> , 910, 160	4.7 1
197	PINT: A Modern Software Package for Pulsar Timing. <i>Astrophysical Journal</i> , <b>2021</b> , 911, 45	4.7 15
196	Enhanced x-ray emission coinciding with giant radio pulses from the Crab Pulsar. <i>Science</i> , <b>2021</b> , 372, 187-190	4
195	Constraining the Neutron Star Mass-Radius Relation and Dense Matter Equation of State with NICER. III. Model Description and Verification of Parameter Estimation Codes. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 914, L15	7.9 5
194	The NANOGrav 11 yr Data Set: Limits on Supermassive Black Hole Binaries in Galaxies within 500 Mpc. <i>Astrophysical Journal</i> , <b>2021</b> , 914, 121	4.7 7
193	Broadband X-ray burst spectroscopy of the fast-radio-burst-emitting Galactic magnetar. <i>Nature Astronomy</i> , <b>2021</b> , 5, 408-413	12.1 10
192	NICER Discovery of Millisecond X-Ray Pulsations and an Ultracompact Orbit in IGR J17494-3030. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 908, L15	7.9 6
191	Refined Mass and Geometric Measurements of the High-mass PSR J0740+6620. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 915, L12	7.9 87
190	The Radius of PSR J0740+6620 from NICER and XMM-Newton Data. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 918, L28	7.9 107
189	NICER Detection of Thermal X-Ray Pulsations from the Massive Millisecond Pulsars PSR J0740+6620 and PSR J1614-230. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 918, L26	7.9 4
188	A NICER View of the Massive Pulsar PSR J0740+6620 Informed by Radio Timing and XMM-Newton Spectroscopy. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 918, L27	7.9 97
187	Multiwavelength Spectral Analysis and Neural Network Classification of Counterparts to 4FGL Unassociated Sources. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 75	4.7 1
186	The 2019 super-Eddington outburst of RX J0209.6-427: detection of pulsations and constraints on the magnetic field strength. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 5350-5359	4.3 13
185	Timing of the accreting millisecond pulsar IGR J17591-342: evidence of spin-down during accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 1641-1649	4.3 2
184	NASA SEXTANT Mission Operations Architecture. <i>Acta Astronautica</i> , <b>2020</b> , 176, 531-541	2.9 3

183	A Radiatively Quiet Glitch and Anti-glitch in the Magnetar 1E 2259+586. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 896, L42	7.9	5
182	The NANOGrav 11 yr Data Set: Evolution of Gravitational-wave Background Statistics. <i>Astrophysical Journal</i> , <b>2020</b> , 890, 108	4.7	13
181	The NANOGrav 11 yr Data Set: Limits on Gravitational Wave Memory. <i>Astrophysical Journal</i> , <b>2020</b> , 889, 38	4.7	22
180	Modeling the Uncertainties of Solar System Ephemerides for Robust Gravitational-wave Searches with Pulsar-timing Arrays. <i>Astrophysical Journal</i> , <b>2020</b> , 893, 112	4.7	23
179	Timing the Pulsations of the Accreting Millisecond Pulsar SAX J1808.4-658 during Its 2019 Outburst. <i>Astrophysical Journal</i> , <b>2020</b> , 898, 38	4.7	11
178	Multimessenger Gravitational-wave Searches with Pulsar Timing Arrays: Application to 3C 66B Using the NANOGrav 11-year Data Set. <i>Astrophysical Journal</i> , <b>2020</b> , 900, 102	4.7	12
177	NICER Observation of the Temporal and Spectral Evolution of Swift J1818.0-1607: A Missing Link between Magnetars and Rotation-powered Pulsars. <i>Astrophysical Journal</i> , <b>2020</b> , 902, 1	4.7	11
176	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 902, L46	7.9	12
175	The NANOGrav 12.5-yr Data Set: Search for an Isotropic Stochastic Gravitational-wave Background. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 905, L34	7.9	162
174	Radio Discovery of and Gamma-Ray Pulsations from PSR J2339-0533. <i>Research Notes of the AAS</i> , <b>2020</b> , 4, 37	0.8	4
173	Return of the Big Glitcher: timing and glitches of PSR J0537-6910. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 4605-4614	4.3	8
172	The Survey for Pulsars and Extragalactic Radio Bursts IV. Discovery and polarimetry of a 12.1-s radio pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 1165-1177	4.3	14
171	A NICER View of Spectral and Profile Evolution for Three X-Ray-emitting Millisecond Pulsars. <i>Astrophysical Journal</i> , <b>2020</b> , 892, 150	4.7	1
170	The NANOGrav 11 yr Data Set: Constraints on Planetary Masses Around 45 Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 893, L8	7.9	4
169	NGC 300 ULX1: spin evolution, super-Eddington accretion, and outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 5225-5231	4.3	21
168	Discovery of Soft X-Ray Pulsations from PSR J1231-4111 using NICER. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 878, L22	7.9	12
167	The NANOGrav 11 yr Data Set: Solar Wind Sounding through Pulsar Timing. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 150	4.7	15
166	A Search for Pulsars in Steep-spectrum Radio Sources toward the Galactic Center. <i>Astrophysical Journal</i> , <b>2019</b> , 876, 20	4.7	7

165	The semicentennial binary system PSR J2032+4127 at periastron: X-ray photometry, optical spectroscopy and SPH modelling.. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> ,	4.3	4
164	High-precision X-Ray Timing of Three Millisecond Pulsars with NICER: Stability Estimates and Comparison with Radio. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 160	4.7	13
163	Anti-glitches in the Ultraluminous Accreting Pulsar NGC 300 ULX-1 Observed with NICER. <i>Astrophysical Journal</i> , <b>2019</b> , 879, 130	4.7	13
162	The NANOGrav 11 yr Data Set: Limits on Gravitational Waves from Individual Supermassive Black Hole Binaries. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 116	4.7	58
161	A Joint NICER and XMM-Newton View of the Magnificent Thermally Emitting X-Ray Isolated Neutron Star RX J1605.3+3249. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 74	4.7	9
160	The GMRT High-resolution Southern Sky Survey for Pulsars and Transients. II. New Discoveries, Timing, and Polarization Properties. <i>Astrophysical Journal</i> , <b>2019</b> , 881, 59	4.7	7
159	On the Curious Pulsation Properties of the Accreting Millisecond Pulsar IGR J17379-747. <i>Astrophysical Journal</i> , <b>2019</b> , 877, 70	4.7	5
158	Detection and Timing of Gamma-Ray Pulsations from the 707 Hz Pulsar J0952-607. <i>Astrophysical Journal</i> , <b>2019</b> , 883, 42	4.7	12
157	A NICER View of PSR J0030+0451: Millisecond Pulsar Parameter Estimation. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 887, L21	7.9	428
156	PSR J0030+0451 Mass and Radius From NICER Data and Implications for the Properties of Neutron Star Matter. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 887, L24	7.9	456
155	NICER X-Ray Observations of Seven Nearby Rotation-powered Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 887, L27	7.9	31
154	A NICER View of PSR J0030+0451: Evidence for a Global-scale Multipolar Magnetic Field. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 887, L23	7.9	59
153	Constraining the Neutron Star Mass-Radius Relation and Dense Matter Equation of State with NICER. I. The Millisecond Pulsar X-Ray Data Set. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 887, L25	7.9	68
152	The VLA Low-Band Ionosphere and Transient Experiment (VLITE): Ionospheric Signal Processing and Analysis. <i>Radio Science</i> , <b>2019</b> , 54, 1002-1035	1.4	5
151	The enhanced X-ray Timing and Polarimetry mission BXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2019</b> , 62, 1	3.6	95
150	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , <b>2018</b> , 4, eaao7228	13	13
149	The Einstein@Home Gamma-ray Pulsar Survey. II. Source Selection, Spectral Analysis, and Multiwavelength Follow-up. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 99	4.7	14
148	The NANOGrav 11-year Data Set: High-precision Timing of 45 Millisecond Pulsars. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 235, 37	8	295

147	An image-based search for pulsars among Fermi unassociated LAT sources. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 942-954	4.3	20
146	X-Ray and Optical Studies of the Redback System PSR J2129-0429. <i>Astrophysical Journal</i> , <b>2018</b> , 861, 89	4.7	18
145	NICER Discovers the Ultracompact Orbit of the Accreting Millisecond Pulsar IGR J17062-0143. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 858, L13	7.9	22
144	The e-ASTROGAM gamma-ray space observatory for the multimessenger astronomy of the 2030s	2018,	1
143	The NANOGrav 11 yr Data Set: Arecibo Observatory Polarimetry and Pulse Microcomponents. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 47	4.7	13
142	A Luminous and Highly Variable Gamma-Ray Flare Following the 2017 Periastron of PSR B1259-03/LS 2883. <i>Astrophysical Journal</i> , <b>2018</b> , 863, 27	4.7	21
141	NuSTAR and NICER reveal IGR J17591-0342 as a new accreting millisecond X-ray pulsar. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 617, L8	5.1	19
140	The NANOGrav 11-year Data Set: Pulse Profile Variability. <i>Astrophysical Journal</i> , <b>2018</b> , 868, 122	4.7	9
139	On the 2018 Outburst of the Accreting Millisecond X-Ray Pulsar Swift J1756.9-5008 As Seen with NICER. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 14	4.7	5
138	Binary Systems and Their Nuclear Explosions. <i>Astrophysics and Space Science Library</i> , <b>2018</b> , 287-375	0.3	
137	and GBM Observations of the First Galactic Ultraluminous X-ray Pulsar Swift J0243.6+6124. <i>Astrophysical Journal</i> , <b>2018</b> , 863,	4.7	55
136	The NANOGrav 11 Year Data Set: Pulsar-timing Constraints on the Stochastic Gravitational-wave Background. <i>Astrophysical Journal</i> , <b>2018</b> , 859, 47	4.7	209
135	STROBE-X: X-ray timing and spectroscopy on dynamical timescales from microseconds to years. <i>Results in Physics</i> , <b>2017</b> , 7, 3704-3705	3.7	11
134	Searching for X-ray Pulsations from Neutron Stars Using NICER. <i>Proceedings of the International Astronomical Union</i> , <b>2017</b> , 13, 187-190	0.1	5
133	X-Ray and Optical Properties of Black Widows and Redbacks. <i>Proceedings of the International Astronomical Union</i> , <b>2017</b> , 13, 43-46	0.1	4
132	LOFAR Discovery of the Fastest-spinning Millisecond Pulsar in the Galactic Field. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 846, L20	7.9	30
131	A Multiwavelength Study of Nearby Millisecond Pulsar PSR J1400-1431: Improved Astrometry and an Optical Detection of Its Cool White Dwarf Companion. <i>Astrophysical Journal</i> , <b>2017</b> , 847, 25	4.7	12
130	SIX NEW MILLISECOND PULSARS FROM ARECIBO SEARCHES OFFERMIGAMMA-RAY SOURCES. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 34	4.7	28

129	DISCOVERY OF A MILLISECOND PULSAR IN THE 5.4 DAY BINARY 3FGL J1417.5-402: OBSERVING THE LATE PHASE OF PULSAR RECYCLING. <i>Astrophysical Journal</i> , <b>2016</b> , 820, 6	4.7	19
128	The gamma-ray millisecond pulsar deathline, revisited. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 587, A109	5.1	28
127	Commensal low frequency observing on the NRAO VLA: VLITE status and future plans <b>2016</b> ,		14
126	PSR J1024-0719: A MILLISECOND PULSAR IN AN UNUSUAL LONG-PERIOD ORBIT. <i>Astrophysical Journal</i> , <b>2016</b> , 826, 86	4.7	29
125	THE GMRT HIGH RESOLUTION SOUTHERN SKY SURVEY FOR PULSARS AND TRANSIENTS. I. SURVEY DESCRIPTION AND INITIAL DISCOVERIES. <i>Astrophysical Journal</i> , <b>2016</b> , 817, 130	4.7	18
124	FERMI/LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF THE MONOCEROS LOOP SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , <b>2016</b> , 831, 106	4.7	8
123	MULTIWAVELENGTH OBSERVATIONS OF THE REDBACK MILLISECOND PULSAR J1048+2339. <i>Astrophysical Journal</i> , <b>2016</b> , 823, 105	4.7	30
122	SEXTANT X-ray Pulsar Navigation demonstration: Flight system and test results <b>2016</b> ,		5
121	DISCOVERY OF GAMMA-RAY PULSATIONS FROM THE TRANSITIONAL REDBACK PSR J1227-4853. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 91	4.7	37
120	PULSAR OBSERVATIONS USING THE FIRST STATION OF THE LONG WAVELENGTH ARRAY AND THE LWA PULSAR DATA ARCHIVE. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 156	4.7	50
119	TIMING GAMMA-RAY PULSARS WITH THE FERMILARGE AREA TELESCOPE: TIMING NOISE AND ASTROMETRY. <i>Astrophysical Journal</i> , <b>2015</b> , 814, 128	4.7	39
118	PARKES RADIO SEARCHES OFFER MIGAMMA-RAY SOURCES AND MILLISECOND PULSAR DISCOVERIES. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 85	4.7	53
117	A HIGHLY ECCENTRIC 3.9 MILLISECOND BINARY PULSAR IN THE GLOBULAR CLUSTER NGC 6652. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 807, L23	7.9	14
116	The binary nature of PSR J2032+4127. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 581-587	4.7	95
115	DISCOVERY OF PSR J1227-4853: A TRANSITION FROM A LOW-MASS X-RAY BINARY TO A REDBACK MILLISECOND PULSAR. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 800, L12	7.9	101
114	Intrabinary shock emission from black widows and feedbacks <i>Astronomische Nachrichten</i> , <b>2014</b> , 335, 313-317	0.7	17
113	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , <b>2014</b> , 785, 119	4.7	109
112	CONSTRAINTS ON THE EMISSION GEOMETRIES AND SPIN EVOLUTION OF GAMMA-RAY MILLISECOND PULSARS. <i>Astrophysical Journal Supplement Series</i> , <b>2014</b> , 213, 6	8	58

111	The Large Observatory for x-ray timing <b>2014</b> ,	9
110	X-RAY OBSERVATIONS OF BLACK WIDOW PULSARS. <i>Astrophysical Journal</i> , <b>2014</b> , 783, 69	4.7 61
109	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE X-RAY PULSAR SEEN BY THE Fermi LAT. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 777, L2	7.9 52
108	The LWA1 Radio Telescope. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 2540-2549	4.9 87
107	EINSTEIN@HOME DISCOVERY OF FOUR YOUNG GAMMA-RAY PULSARS IN FERMI LAT DATA. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 779, L11	7.9 26
106	The missing GeV X-ray binary: searching for HESS J0632+057 with Fermi-LAT. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 740-749	4.3 14
105	Pulsar searches of Fermi unassociated sources with the Effelsberg telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 429, 1633-1642	4.3 36
104	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 208, 17	8 583
103	DISCOVERY OF THE OPTICAL COUNTERPARTS TO FOUR ENERGETIC FERMIMILLISECOND PULSARS. <i>Astrophysical Journal</i> , <b>2013</b> , 769, 108	4.7 99
102	RADIO DETECTION OF THE FERMI -LAT BLIND SEARCH MILLISECOND PULSAR J1311-430. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 763, L13	7.9 36
101	GMRT DISCOVERY OF PSR J1544+4937: AN ECLIPSING BLACK-WIDOW PULSAR IDENTIFIED WITH A FERMI -LAT SOURCE. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 773, L12	7.9 40
100	DETECTION AND FLUX DENSITY MEASUREMENTS OF THE MILLISECOND PULSAR J2145-0750 BELOW 100 MHz. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 775, L28	7.9 14
99	BROADBAND PULSATIONS FROM PSR B1821-04: IMPLICATIONS FOR EMISSION MODELS AND THE PULSAR POPULATION OF M28. <i>Astrophysical Journal</i> , <b>2013</b> , 778, 106	4.7 45
98	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> , <b>2013</b> , 430, 571-587 <sup>43</sup>	4.3 46
97	Discovery of the millisecond pulsar PSR J2043+1711 in a Fermi source with the NanBay Radio Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 422, 1294-1305	4.3 37
96	PULSED GAMMA RAYS FROM THE ORIGINAL MILLISECOND AND BLACK WIDOW PULSARS: A CASE FOR CAUSTIC RADIO EMISSION?. <i>Astrophysical Journal</i> , <b>2012</b> , 744, 33	4.7 60
95	PSR J0007+7303 IN THE CTA1 SUPERNOVA REMNANT: NEW GAMMA-RAY RESULTS FROM TWO YEARS OF FERMI LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2012</b> , 744, 146	4.7 27
94	A Wide-Band, Active Antenna System for Long Wavelength Radio Astronomy. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2012</b> , 124, 1090-1104	5 37

93	The Large Observatory for X-ray Timing (LOFT). <i>Experimental Astronomy</i> , <b>2012</b> , 34, 415-444	1.3	148
92	LOFT: the Large Observatory For X-ray Timing <b>2012</b> ,	21	
91	Binary millisecond pulsar discovery via gamma-ray pulsations. <i>Science</i> , <b>2012</b> , 338, 1314-7	33.3	78
90	THE LONG WAVELENGTH ARRAY SOFTWARE LIBRARY. <i>Journal of Astronomical Instrumentation</i> , <b>2012</b> , 01, 1250006	0.8	28
89	FIRST LIGHT FOR THE FIRST STATION OF THE LONG WAVELENGTH ARRAY. <i>Journal of Astronomical Instrumentation</i> , <b>2012</b> , 01, 1250004	0.8	95
88	PSR J1838+537: DISCOVERY OF A YOUNG, ENERGETIC GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , <b>2012</b> , 755, L20	7.9	36
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