P J Boyle

List of Publications by Year in descending order

27 papers	2,239 citations	394421 19 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	1259 citing authors

#	Article	IF	Citations
1	Localizing FRBs through VLBI with the Algonquin Radio Observatory 10 m Telescope. Astronomical Journal, 2022, 163, 65.	4.7	12
2	A Clock Stabilization System for CHIME/FRB Outriggers. Astronomical Journal, 2022, 163, 48.	4.7	11
3	A Sudden Period of High Activity from Repeating Fast Radio Burst 20201124A. Astrophysical Journal, 2022, 927, 59.	4.5	31
4	Modeling Fast Radio Burst Dispersion and Scattering Properties in the First CHIME/FRB Catalog. Astrophysical Journal, 2022, 927, 35.	4.5	29
5	Sub-second periodicity in a fast radio burst. Nature, 2022, 607, 256-259.	27.8	37
6	A Synoptic VLBI Technique for Localizing Nonrepeating Fast Radio Bursts with CHIME/FRB. Astronomical Journal, 2021, 161, 81.	4.7	20
7	A Nearby Repeating Fast Radio Burst in the Direction of M81. Astrophysical Journal Letters, 2021, 910, L18.	8.3	124
8	LOFAR Detection of 110â€“188 MHz Emission and Frequency-dependent Activity from FRB 20180916B. Astrophysical Journal Letters, 2021, 911, L3.	8.3	99
9	An Analysis Pipeline for CHIME/FRB Full-array Baseband Data. Astrophysical Journal, 2021, 910, 147.	4.5	31
10	The CHIME Pulsar Project: System Overview. Astrophysical Journal, Supplement Series, 2021, 255, 5.	7.7	40
11	Polarization Pipeline for Fast Radio Bursts Detected by CHIME/FRB. Astrophysical Journal, 2021, 920, 138.	4.5	15
12	CHIME/FRB Catalog 1 Results: Statistical Cross-correlations with Large-scale Structure. Astrophysical Journal, 2021, 922, 42.	4.5	40
13	First Discovery of New Pulsars and RRATs with CHIME/FRB. Astrophysical Journal, 2021, 922, 43.	4.5	14
14	Fast Radio Burst Morphology in the First CHIME/FRB Catalog. Astrophysical Journal, 2021, 923, 1.	4.5	109
15	No Evidence for Galactic Latitude Dependence of the Fast Radio Burst Sky Distribution. Astrophysical Journal, 2021, 923, 2.	4.5	20
16	The First CHIME/FRB Fast Radio Burst Catalog. Astrophysical Journal, Supplement Series, 2021, 257, 59.	7.7	199
17	A repeating fast radio burst source localized to a nearby spiral galaxy. Nature, 2020, 577, 190-194.	27.8	297
18	Periodic activity from a fast radio burst source. Nature, 2020, 582, 351-355.	27.8	231

#	Article	IF	Citations
19	Nine New Repeating Fast Radio Burst Sources from CHIME/FRB. Astrophysical Journal Letters, 2020, 891, L6.	8.3	178
20	The Discovery of Nulling and Mode-switching Pulsars with CHIME/Pulsar. Astrophysical Journal, 2020, 903, 81.	4.5	8
21	Detection of Repeating FRB 180916.J0158+65 Down to Frequencies of 300 MHz. Astrophysical Journal Letters, 2020, 896, L41.	8.3	70
22	CHIME/FRB Discovery of Eight New Repeating Fast Radio Burst Sources. Astrophysical Journal Letters, 2019, 885, L24.	8.3	302
23	CHIME/FRB Detection of the Original Repeating Fast Radio Burst Source FRB 121102. Astrophysical Journal Letters, 2019, 882, L18.	8.3	98
24	The CHIME Fast Radio Burst Project: System Overview. Astrophysical Journal, 2018, 863, 48.	4.5	215
25	Development of a Compton imager based on bars of scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 397-406.	1.6	7
26	Development of a compton imager based on scintillator bars. , 2011, , .		2
27	Optimization of pulse-height sharing for use below 150 keV in long bars of NaI(Tl). , 2011, , .		0