

Kevin Bandura

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,737
citations

623699

14
h-index

839512

18
g-index

20
all docs

20
docs citations

20
times ranked

1747
citing authors

#	ARTICLE	IF	CITATIONS
1	CHIME/FRB Discovery of Eight New Repeating Fast Radio Burst Sources. <i>Astrophysical Journal Letters</i> , 2019, 885, L24.	8.3	302
2	An intensity map of hydrogen 21-cm emission at redshift $z \approx 0.8$. <i>Nature</i> , 2010, 466, 463-465.	27.8	287
3	A simulation-calibrated limit on the $H\alpha$ power spectrum from the GMRT Epoch of Reionization experiment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 639-647.	4.4	247
4	The First CHIME/FRB Fast Radio Burst Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 59.	7.7	199
5	Nine New Repeating Fast Radio Burst Sources from CHIME/FRB. <i>Astrophysical Journal Letters</i> , 2020, 891, L6.	8.3	178
6	Canadian Hydrogen Intensity Mapping Experiment (CHIME) pathfinder. <i>Proceedings of SPIE</i> , 2014, , .	0.8	145
7	Fast Radio Burst Morphology in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2021, 923, 1.	4.5	109
8	Calibrating CHIME: a new radio interferometer to probe dark energy. <i>Proceedings of SPIE</i> , 2014, , .	0.8	43
9	CHIME/FRB Catalog 1 Results: Statistical Cross-correlations with Large-scale Structure. <i>Astrophysical Journal</i> , 2021, 922, 42.	4.5	40
10	Simultaneous X-Ray and Radio Observations of the Repeating Fast Radio Burst FRB $\hat{1}/4$ 180916.J0158+65. <i>Astrophysical Journal</i> , 2020, 901, 165.	4.5	38
11	Sub-second periodicity in a fast radio burst. <i>Nature</i> , 2022, 607, 256-259.	27.8	37
12	A Sudden Period of High Activity from Repeating Fast Radio Burst 20201124A. <i>Astrophysical Journal</i> , 2022, 927, 59.	4.5	31
13	A Synoptic VLBI Technique for Localizing Nonrepeating Fast Radio Bursts with CHIME/FRB. <i>Astronomical Journal</i> , 2021, 161, 81.	4.7	20
14	Holographic beam mapping of the CHIME pathfinder array. <i>Proceedings of SPIE</i> , 2016, , .	0.8	16
15	Localizing FRBs through VLBI with the Algonquin Radio Observatory 10 m Telescope. <i>Astronomical Journal</i> , 2022, 163, 65.	4.7	12
16	Spectral Kurtosis-Based RFI Mitigation for CHIME. <i>Journal of Astronomical Instrumentation</i> , 2019, 08, .	1.5	10
17	An efficient real-time data pipeline for the CHIME Pathfinder radio telescope X-engine. , 2015, , .		8
18	A GPU-based correlator X-engine implemented on the CHIME Pathfinder. , 2015, , .		7

#	ARTICLE	IF	CITATIONS
19	Using the Sun to Measure the Primary Beam Response of the Canadian Hydrogen Intensity Mapping Experiment. <i>Astrophysical Journal</i> , 2022, 932, 100.	4.5	6
20	The GMRT Search for Reionization. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	2