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List of Publications by Year
in descending order

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18 papers	1,176 citations	516710 16 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	1237 citing authors

#	Article	IF	Citations
1	The 1.28 GHz MeerKAT Galactic Center Mosaic. Astrophysical Journal, 2022, 925, 165.	4.5	42
2	Primary beam effects of radio astronomy antennas â€“ II. Modelling MeerKAT L-band beams. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2970-2983.	4.4	33
3	The 1.28 GHz MeerKAT DEEP2 Image. Astrophysical Journal, 2020, 888, 61.	4.5	80
4	Constraining the intergalactic medium at z â‰ˆ 9.1 using LOFAR Epoch of Reionization observations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4728-4747.	4.4	69
5	Improved upper limits on the 21â€‰cm signal power spectrum of neutral hydrogen at z â‰ˆ 9.1 from LOFAR. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1662-1685.	4.4	185
6	Primary beam effects of radio astronomy antennas â€“ I. Modelling the Karl G. Jansky Very Large Array (VLA) L-band beam using holography. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4107-4121.	4.4	12
7	Simulations of systematic direction-dependent instrumental effects in intensity mapping experiments. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2694-2710.	4.4	2
8	Polarization leakage in epoch of reionization windows â€“ III. Wide-field effects of narrow-field arrays. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3051-3062.	4.4	24
9	Wide-field LOFAR-LBA power-spectra analyses: impact of calibration, polarization leakage, and ionosphere. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1484-1501.	4.4	22
10	Revival of the Magnetar PSR J1622â€“4950: Observations with MeerKAT, Parkes, XMM-Newton, Swift, Chandra, and NuSTAR. Astrophysical Journal, 2018, 856, 180.	4.5	108
11	Upper Limits on the 21 cm Epoch of Reionization Power Spectrum from One Night with LOFAR. Astrophysical Journal, 2017, 838, 65.	4.5	219
12	Probing ionospheric structures using the LOFAR radio telescope. Radio Science, 2016, 51, 927-941.	1.6	95
13	Polarization leakage in epoch of reionization windows â€“ II. Primary beam model and direction-dependent calibration. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4482-4494.	4.4	26
14	Lunar occultation of the diffuse radio sky: LOFAR measurements between 35 and 80ÂMHz. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2291-2305.	4.4	20
15	Polarization leakage in epoch of reionization windows â€“ I. Low Frequency Array observations of the 3C196 field. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3709-3727.	4.4	58
16	Linear polarization structures in LOFAR observations of the interstellar medium in the 3Câ€‰196 field. Astronomy and Astrophysics, 2015, 583, A137.	5.1	60
17	Constraining the epoch of reionization with the variance statistic: simulations of the LOFAR case. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1113-1124.	4.4	54
18	Initial LOFAR observations of epoch of reionization windows. Astronomy and Astrophysics, 2014, 568, A101.	5.1	67