Nicholas Kern

List of Publications by Year
in descending order

10 papers	309 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	276 citing authors

#	Article	IF	Citations
1	Validation of the HERA Phase I Epoch of Reionization 21 cm Power Spectrum Software Pipeline. Astrophysical Journal, 2022, 924, 85.	4.5	11
2	Methods of Error Estimation for Delay Power Spectra in 21 cm Cosmology. Astrophysical Journal, Supplement Series, 2021, 255, 26.	7.7	9
3	Absolute Calibration Strategies for the Hydrogen Epoch of Reionization Array and Their Impact on the 21 cm Power Spectrum. Astrophysical Journal, 2020, 890, 122.	4.5	35
4	Mitigating Internal Instrument Coupling for 21 cm Cosmology. II. A Method Demonstration with the Hydrogen Epoch of Reionization Array. Astrophysical Journal, 2020, 888, 70.	4.5	41
5	Imaging and Modeling Data from the Hydrogen Epoch of Reionization Array. Astrophysical Journal, Supplement Series, 2020, 247, 67.	7.7	7
6	Measuring HERA's Primary Beam in Situ: Methodology and First Results. Astrophysical Journal, 2020, 897, 5.	4.5	8
7	Gaussian process foreground subtraction and power spectrum estimation for 21â€‰cm cosmology. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1463-1480.	4.4	23
8	Mitigating Internal Instrument Coupling for 21 cm Cosmology. I. Temporal and Spectral Modeling in Simulations. Astrophysical Journal, 2019, 884, 105.	4.5	42
9	Results from EDGES High-band. II. Constraints on Parameters of Early Galaxies. Astrophysical Journal, 2018, 863, 11.	4.5	44
10	Emulating Simulations of Cosmic Dawn for 21 cm Power Spectrum Constraints on Cosmology, Reionization, and X-Ray Heating. Astrophysical Journal, 2017, 848, 23.	4.5	89