

Nicholas Kern

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

309
citations

1163117

8
h-index

1372567

10
g-index

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all docs

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docs citations

10
times ranked

276
citing authors

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