

Itamar Reis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5364786/publications.pdf>

Version: 2024-02-01

12
papers

308
citations

1162367

8
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	HERA Phase I Limits on the Cosmic 21 cm Signal: Constraints on Astrophysics and Cosmology during the Epoch of Reionization. <i>Astrophysical Journal</i> , 2022, 924, 51.	1.6	63
2	Shot noise and scatter in the star formation efficiency as a source of 21-cm fluctuations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5265-5273.	1.6	10
3	Effect of the cosmological transition to metal-enriched star formation on the hydrogen 21-cm signal. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4433-4449.	1.6	18
4	Mapping Discrete Galaxies at Cosmic Dawn with 21 cm Observations. <i>Astrophysical Journal</i> , 2022, 933, 51.	1.6	4
5	Effectively using unsupervised machine learning in next generation astronomical surveys. <i>Astronomy and Computing</i> , 2021, 34, 100437.	0.8	8
6	The subtlety of Ly α photons: changing the expected range of the 21-cm signal. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5479-5493.	1.6	40
7	The Intrinsic Scatter of the Broad Linesâ€“Narrow Line Correlation in Type I AGN. <i>Astronomical Journal</i> , 2020, 159, 159.	1.9	0
8	High-redshift radio galaxies: a potential new source of 21-cm fluctuations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5993-6008.	1.6	45
9	Probabilistic Random Forest: A Machine Learning Algorithm for Noisy Data Sets. <i>Astronomical Journal</i> , 2019, 157, 16.	1.9	79
10	Detect the Unexpected: Novelty Detection in Large Astrophysical Surveys using Fisher Vectors. , 2019, , .		2
11	Detecting outliers and learning complex structures with large spectroscopic surveys â€“ a case study with APOGEE stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2117-2136.	1.6	31
12	Redshifted broad absorption line quasars found via machine-learned spectral similarity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3889-3897.	1.6	8