

Itamar Reis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

93
citations

5
h-index

9
g-index

12
ext. papers

189
ext. citations

4.3
avg, IF

3
L-index

#	Paper	IF	Citations
10	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	4.7	9
9	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	4.3	1
8	Effectively using unsupervised machine learning in next generation astronomical surveys. <i>Astronomy and Computing</i> , 2021 , 34, 100437	2.4	3
7	The Intrinsic Scatter of the Broad Lines Narrow Line Correlation in Type I AGN. <i>Astronomical Journal</i> , 2020 , 159, 159	4.9	
6	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	4.3	13
5	Probabilistic Random Forest: A Machine Learning Algorithm for Noisy Data Sets. <i>Astronomical Journal</i> , 2019 , 157, 16	4.9	31
4	Detect the Unexpected: Novelty Detection in Large Astrophysical Surveys using Fisher Vectors 2019 ,		2
3	Detecting outliers and learning complex structures with large spectroscopic surveys: a case study with APOGEE stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 2117-2136	4.3	22
2	Redshifted broad absorption line quasars found via machine-learned spectral similarity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 3889-3897	4.3	6
1	The subtlety of Ly α photons: changing the expected range of the 21-cm signal. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	5