

# 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	Probabilistic Random Forest: A Machine Learning Algorithm for Noisy Data Sets. <i>Astronomical Journal</i> , 2019, 157, 16.	1.9	79
2	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
3	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
4	The subtlety of Ly $\alpha$ 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
5	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.	1.6	31
6	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
7	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
8	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
9	Effectively using unsupervised machine learning in next generation astronomical surveys. <i>Astronomy and Computing</i> , 2021, 34, 100437.	0.8	8
10	Mapping Discrete Galaxies at Cosmic Dawn with 21 cm Observations. <i>Astrophysical Journal</i> , 2022, 933, 51.	1.6	4
11	Detect the Unexpected: Novelty Detection in Large Astrophysical Surveys using Fisher Vectors. , 2019, , .		2
12	The Intrinsic Scatter of the Broad Lines – Narrow Line Correlation in Type I AGN. <i>Astronomical Journal</i> , 2020, 159, 159.	1.9	0