Tianhuan Lu

List of Publications by Year
in descending order

11 papers	132 citations	1307594 7 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	300 citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmological constraints from weak lensing peaks: Can halo models accurately predict peak counts?. Physical Review D, 2022, 105, .	4.7	3
2	Simultaneously constraining cosmology and baryonic physics via deep learning from weak lensing. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1518-1528.	4.4	16
3	The impact of baryons on cosmological inference from weak lensing statistics. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3406-3417.	4.4	10
4	A Bayesian approach to accurate and robust signature detection on LINCS L1000 data. Bioinformatics, 2020, 36, 2787-2795.	4.1	19
5	The matter fluctuation amplitude inferred from the weak lensing power spectrum and correlation function in CFHTLenS data. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5033-5042.	4.4	3
6	Removing the Impact of Correlated PSF Uncertainties in Weak Lensing. Astrophysical Journal, 2018, 858, 122.	4.5	0
7	Galaxy–Galaxy Weak-lensing Measurements from SDSS. II. Host Halo Properties of Galaxy Groups. Astrophysical Journal, 2018, 862, 4.	4.5	26
8	An Accurate Centroiding Algorithm for PSF Reconstruction. Astronomical Journal, 2018, 156, 14.	4.7	7
9	ELUCID. V. Lighting Dark Matter Halos with Galaxies. Astrophysical Journal, 2018, 860, 30.	4.5	17
10	Testing PSF Interpolation in Weak Lensing with Real Data. Astronomical Journal, 2017, 153, 197.	4.7	14
11	Revealing the Cosmic Web-dependent Halo Bias. Astrophysical Journal, 2017, 848, 60.	4.5	17