Tianhuan Lu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7679187/publications.pdf

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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	Galaxyâ€“Galaxy Weak-lensing Measurements from SDSS. II. Host Halo Properties of Galaxy Groups. Astrophysical Journal, 2018, 862, 4.	4.5	26
2	A Bayesian approach to accurate and robust signature detection on LINCS L1000 data. Bioinformatics, 2020, 36, 2787-2795.	4.1	19
3	Revealing the Cosmic Web-dependent Halo Bias. Astrophysical Journal, 2017, 848, 60.	4.5	17
4	ELUCID. V. Lighting Dark Matter Halos with Galaxies. Astrophysical Journal, 2018, 860, 30.	4.5	17
5	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
6	Testing PSF Interpolation in Weak Lensing with Real Data. Astronomical Journal, 2017, 153, 197.	4.7	14
7	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
8	An Accurate Centroiding Algorithm for PSF Reconstruction. Astronomical Journal, 2018, 156, 14.	4.7	7
9	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
10	Cosmological constraints from weak lensing peaks: Can halo models accurately predict peak counts?. Physical Review D, 2022, 105, .	4.7	3
11	Removing the Impact of Correlated PSF Uncertainties in Weak Lensing. Astrophysical Journal, 2018, 858, 122.	4.5	0