

Yu Luo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

160
citations

1163117

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1372567

10
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11
all docs

11
docs citations

11
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Quenching of Massive Disk Galaxies in the IllustrisTNG Simulation. <i>Astrophysical Journal</i> , 2022, 928, 100.	4.5	9
2	An Extended Halo-based Group/Cluster Finder: Application to the DESI Legacy Imaging Surveys DR8. <i>Astrophysical Journal</i> , 2021, 909, 143.	4.5	44
3	The formation of M101-alike galaxies in the cold dark matter model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1555-1562.	4.4	1
4	Cosmic Web-halo Connection between Twin Universes. <i>Astrophysical Journal</i> , 2021, 920, 89.	4.5	0
5	The specific star formation rate function at different mass scales and quenching: a comparison between cosmological models and SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2036-2048.	4.4	19
6	What has quenched the massive spiral galaxies?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 496, L116-L121.	3.3	10
7	The Parameter-free Finger-of-God Model and Its Application to 21 cm Intensity Mapping. <i>Astrophysical Journal</i> , 2020, 895, 34.	4.5	2
8	The effect of the Large Magellanic Cloud on the satellite galaxy population in Milky Way analogous galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2440-2448.	4.4	13
9	Full-sky Ray-tracing Simulation of Weak Lensing Using ELUCID Simulations: Exploring Galaxy Intrinsic Alignment and Cosmic Shear Correlations. <i>Astrophysical Journal</i> , 2018, 853, 25.	4.5	17
10	The gap of stellar mass in galaxy groups: another perspective of the too-big-to-fail problem in the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2152-2156.	4.4	9
11	Resolution-independent modelling of environmental effects in semi-analytic models of galaxy formation that include ram-pressure stripping of both hot and cold gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 366-378.	4.4	36