

Houjun Mo

List of Publications by Year in descending order

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43
papers

2,277
citations

394286

19
h-index

302012

39
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46
all docs

46
docs citations

46
times ranked

2721
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmological constraints from a combination of galaxy clustering and lensing â€œ I. Theoretical framework. Monthly Notices of the Royal Astronomical Society, 2013, 430, 725-746.	1.6	178
2	Environmental effects on satellite galaxies: the link between concentration, size and colour profile. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1213-1228.	1.6	177
3	Are brightest halo galaxies central galaxies?. Monthly Notices of the Royal Astronomical Society, 2011, 410, 417-431.	1.6	164
4	The correlation of star formation quenching with internal galaxy properties and environment. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1131-1147.	1.6	158
5	Cosmological constraints from a combination of galaxy clustering and lensing â€œ III. Application to SDSS data. Monthly Notices of the Royal Astronomical Society, 2013, 430, 767-786.	1.6	146
6	SDSS-IV MaNGA: environmental dependence of stellar age and metallicity gradients in nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4572-4588.	1.6	92
7	The Circumgalactic Medium of eBOSS Emission Line Galaxies: Signatures of Galactic Outflows in Gas Distribution and Kinematics. Astrophysical Journal, 2018, 866, 36.	1.6	66
8	Cosmological constraints from a combination of galaxy clustering and lensing â€œ II. Fisher matrix analysis. Monthly Notices of the Royal Astronomical Society, 2013, 430, 747-766.	1.6	56
9	The galaxy luminosity function in groups and clusters: the faint-end upturn and the connection to the field luminosity function. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3998-4019.	1.6	56
10	Linking bar- and interaction-driven molecular gas concentration with centrally enhanced star formation in EDGEâ€œCALIFA galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5192-5211.	1.6	44
11	An Extended Halo-based Group/Cluster Finder: Application to the DESI Legacy Imaging Surveys DR8. Astrophysical Journal, 2021, 909, 143.	1.6	44
12	First galaxyâ€œgalaxy lensing measurement of satellite halo mass in the CFHT Stripe-82 Survey. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2864-2870.	1.6	34
13	Measuring subhalo mass in redMaPPer clusters with CFHT Stripe 82 Survey. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2573-2583.	1.6	31
14	THE STATISTICAL NATURE OF THE BRIGHTEST GROUP GALAXIES. Astrophysical Journal, 2014, 782, 23.	1.6	30
15	The Dearth of Difference between Central and Satellite Galaxies. I. Perspectives on Star Formation Quenching and AGN Activities. Astrophysical Journal, 2018, 860, 102.	1.6	30
16	DIFFERENCES IN HALO-SCALE ENVIRONMENTS BETWEEN TYPE 1 AND TYPE 2 AGNs AT LOW REDSHIFT. Astrophysical Journal, 2016, 832, 111.	1.6	25
17	Halo Intrinsic Alignment: Dependence on Mass, Formation Time, and Environment. Astrophysical Journal, 2017, 848, 22.	1.6	25
18	Stellar and AGN Feedback in Isolated Early-type Galaxies: The Role in Regulating Star Formation and ISM Properties. Astrophysical Journal, 2018, 866, 70.	1.6	25

#	ARTICLE	IF	CITATIONS
19	Probing Primordial Chirality with Galaxy Spins. <i>Physical Review Letters</i> , 2020, 124, 101302.	2.9	23
20	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.	1.6	17
21	Signatures of cosmic reionization on the 21-cm two- and three-point correlation function I: quadratic bias modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3050-3068.	1.6	17
22	Exploring the physical properties of the cool circumgalactic medium with a semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 608-622.	1.6	17
23	Star Formation Histories of Massive Red Spiral Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2021, 916, 38.	1.6	16
24	The Formation History of Subhalos and the Evolution of Satellite Galaxies. <i>Astrophysical Journal</i> , 2020, 893, 139.	1.6	14
25	Estimating Dust Attenuation from Galactic Spectra. I. Methodology and Tests. <i>Astrophysical Journal</i> , 2020, 896, 38.	1.6	14
26	The Dearth of Differences between Central and Satellite Galaxies. II. Comparison of Observations with L-GALAXIES and EAGLE in Star Formation Quenching. <i>Astrophysical Journal</i> , 2018, 864, 51.	1.6	13
27	Wolf-Rayet Galaxies in SDSS-IV MaNGA. I. Catalog Construction and Sample Properties. <i>Astrophysical Journal</i> , 2020, 896, 121.	1.6	13
28	The prevalence of type III disc breaks in H α -rich and low-spin galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4292-4306.	1.6	11
29	SDSS-IV MaNGA: Environmental Dependence of the M $_{\text{gb}}$ - σ Relation for Nearby Galaxies. <i>Astrophysical Journal</i> , 2019, 873, 63.	1.6	11
30	The Dearth of Differences between Central and Satellite Galaxies. III. Environmental Dependencies of Mass-Size and Mass-Structure Relations. <i>Astrophysical Journal</i> , 2020, 889, 37.	1.6	10
31	Estimating Dust Attenuation From Galactic Spectra. II. Stellar and Gas Attenuation in Star-forming and Diffuse Ionized Gas Regions in MaNGA. <i>Astrophysical Journal</i> , 2021, 917, 72.	1.6	9
32	Constraints on Circumgalactic Media from Sunyaev-Zeldovich Effects and X-Ray Data. <i>Astrophysical Journal</i> , 2020, 903, 26.	1.6	6
33	Wolf-Rayet Galaxies in SDSS-IV MaNGA. II. Metallicity Dependence of the High-mass Slope of the Stellar Initial Mass Function. <i>Astrophysical Journal</i> , 2021, 923, 120.	1.6	5
34	Bimodal Formation Time Distribution for Infall Dark Matter Halos. <i>Astrophysical Journal</i> , 2018, 857, 127.	1.6	4
35	The growth of bulges and discs in relatively H α -rich galaxies: indication from H α scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2393-2404.	1.6	4
36	The Breakdown Scale of H I Bias Linearity. <i>Astrophysical Journal</i> , 2021, 907, 4.	1.6	4

#	ARTICLE	IF	CITATIONS
37	The clustering of galaxies with pseudo-bulge and classical bulge in the local Universe. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3865-3878.	1.6	3
38	THE LINK BETWEEN GALAXIES AND DARK MATTER. International Journal of Modern Physics D, 2011, 20, 1771-1777.	0.9	1
39	SDSS-IV MaNGA: the physical origin of off-galaxy H α ± blobs in the local Universe. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3943-3966.	1.6	1
40	Gravitational Collapse and Collisionless Dynamics. , 0, , 215-261.		0
41	Probing the Cosmic Density Field. , 0, , 262-318.		0
42	Formation and Evolution of Gaseous Halos. , 0, , 366-416.		0
43	Star Formation in Galaxies. , 0, , 417-448.		0