

Yi-Peng Jing

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

776
citations

623734

14
h-index

526287

27
g-index

39
all docs

39
docs citations

39
times ranked

1211
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified model for the spatial and mass distribution of subhaloes. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1208-1223.	4.4	96
2	Sussing Merger Trees: The Merger Trees Comparison Project. Monthly Notices of the Royal Astronomical Society, 2013, 436, 150-162.	4.4	80
3	Galaxy And Mass Assembly (GAMA): the halo mass of galaxy groups from maximum-likelihood weak lensing. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1356-1379.	4.4	72
4	SILVERRUSH. VIII. Spectroscopic Identifications of Early Large-scale Structures with Protoclusters over 200 Mpc at $z \sim 1/4$: Strong Associations of Dusty Star-forming Galaxies. Astrophysical Journal, 2019, 883, 142.	4.5	71
5	The CFHT Large Area U-band Deep Survey (CLAUDS). Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	48
6	Peculiar velocity decomposition, redshift space distortion, and velocity reconstruction in redshift surveys. II. Dark matter velocity statistics. Physical Review D, 2013, 88, .	4.7	46
7	The multidimensional dependence of halo bias in the eye of a machine: a tale of halo structure, assembly, and environment. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1900-1919.	4.4	42
8	CosmicGrowth Simulations—Cosmological simulations for structure growth studies. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	29
9	Halo Intrinsic Alignment: Dependence on Mass, Formation Time, and Environment. Astrophysical Journal, 2017, 848, 22.	4.5	25
10	Sampling artifact in volume weighted velocity measurement. I. Theoretical modeling. Physical Review D, 2015, 91, .	4.7	24
11	The stellar halo of isolated central galaxies in the Hyper Suprime-Cam imaging survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1580-1606.	4.4	23
12	Sampling artifact in volume weighted velocity measurement. II. Detection in simulations and comparison with theoretical modeling. Physical Review D, 2015, 91, .	4.7	22
13	Determination of the large scale volume weighted halo velocity bias in simulations. Physical Review D, 2015, 91, .	4.7	21
14	Full-sky Ray-tracing Simulation of Weak Lensing Using ELUCID Simulations: Exploring Galaxy Intrinsic Alignment and Cosmic Shear Correlations. Astrophysical Journal, 2018, 853, 25.	4.5	17
15	Sussing merger trees: stability and convergence. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1554-1568.	4.4	14
16	Massive star-forming galaxies have converted most of their halo gas into stars. Astronomy and Astrophysics, 2022, 663, A85.	5.1	13
17	Kriging interpolating cosmic velocity field. Physical Review D, 2015, 92, .	4.7	11
18	Verifications of Scaling Relations Useful for the Intrinsic Alignment Self-calibration. Astrophysical Journal, 2018, 864, 1.	4.5	11

#	ARTICLE	IF	CITATIONS
19	The Stellar Mass in and around Isolated Central Galaxies: Connections to the Total Mass Distribution through Galaxyâ€“Galaxy Lensing in the Hyper Suprime-Cam Survey. <i>Astrophysical Journal</i> , 2021, 919, 25.	4.5	11
20	The Next Generation Virgo Cluster Survey. XXXIV. Ultracompact Dwarf Galaxies in the Virgo Cluster. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 17.	7.7	11
21	Strong conformity and assembly bias: towards a physical understanding of the galaxyâ€“halo connection in SDSS clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1789-1807.	4.4	10
22	Photometric Objects around Cosmic Webs (PAC) Delineated in a Spectroscopic Survey. I. Methods. <i>Astrophysical Journal</i> , 2022, 925, 31.	4.5	10
23	Groups and Protocluster Candidates in the CLAUDS and HSC-SSP Joint Deep Surveys. <i>Astrophysical Journal</i> , 2022, 933, 9.	4.5	9
24	Fast generation of weak lensing maps by the inverse-Gaussianization method. <i>Physical Review D</i> , 2016, 94, .	4.7	8
25	Star Formation in Massive Galaxies at Redshift $z \approx 0.5$. <i>Astrophysical Journal</i> , 2020, 895, 100.	4.5	8
26	Using the Modified Nearest Neighbor Method to Correct Fiber-collision Effects on Galaxy Clustering. <i>Astrophysical Journal</i> , 2019, 872, 26.	4.5	7
27	Photometric Objects Around Cosmic Webs (PAC) Delineated in a Spectroscopic Survey. II. Morphology, Color, and Size Dependences of the Stellarâ€“Halo Mass Relation for Massive Galaxies. <i>Astrophysical Journal</i> , 2022, 926, 130.	4.5	7
28	The clustering of galaxies in the DESI imaging legacy surveys DR8: I. The luminosity and color dependent intrinsic clustering. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	6
29	Kriging interpolating cosmic velocity field. II. Taking anisotropies and multistreaming into account. <i>Physical Review D</i> , 2017, 95, .	4.7	5
30	The Universal Specific Merger Rate of Dark Matter Halos. <i>Astrophysical Journal</i> , 2022, 929, 120.	4.5	5
31	The Breakdown Scale of H I Bias Linearity. <i>Astrophysical Journal</i> , 2021, 907, 4.	4.5	4
32	A giant central red disk galaxy at redshift $z = 0.76$: Challenge to theories of galaxy formation. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	3
33	The dawn of a new era of pulsar discoveries by Chinese radio telescope FAST. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	3
34	An Accurate P_{3M} Algorithm for Gravitational Lensing Studies in Simulations. <i>Astrophysical Journal</i> , 2021, 915, 75.	4.5	1
35	New connection between dark matter direct detections, astrophysical and cosmological observations with self-interacting dark matter. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	1
36	A Large Massive Quiescent Galaxy Sample at $z \approx 1.2$. <i>Astrophysical Journal</i> , 2020, 905, 103.	4.5	1

#	ARTICLE	IF	CITATIONS
37	A fundamental step towards the cosmological 21 cm signal. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	0
38	New footprints of the Gaia-Sausage-Enceladus galaxy found in the LAMOST survey. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	0