

Ling Zhu

List of Publications by Year in descending order

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935
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#	ARTICLE	IF	CITATIONS
1	Mass of the dynamically hot inner stellar halo predicts the ancient accreted stellar mass. <i>Astronomy and Astrophysics</i> , 2022, 660, A20.	5.1	15
2	Different Formation Scenarios for Counterrotating Stellar Disks in Nearby Galaxies. <i>Astrophysical Journal Letters</i> , 2022, 926, L13.	8.3	6
3	The SAMI Galaxy Survey: The Internal Orbital Structure and Mass Distribution of Passive Galaxies from Triaxial Orbit-superposition Schwarzschild Models. <i>Astrophysical Journal</i> , 2022, 930, 153.	4.5	18
4	Hot and counter-rotating star-forming disc galaxies in IllustrisTNG and their real-world counterparts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 726-742.	4.4	11
5	Deprojection of external barred galaxies from photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 6209-6222.	4.4	3
6	Disentangling the formation history of galaxies via population-orbit superposition: method validation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1579-1597.	4.4	24
7	A discrete chemo-dynamical model of M87's globular clusters: Kinematics extending to $\sim 1/400$ kpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2775-2795.	4.4	12
8	Mapping the dark matter halo of early-type galaxy NGC 2974 through orbit-based models with combined stellar and cold gas kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4221-4231.	4.4	11
9	A Universal Fundamental Plane and the $M_{\text{dyn}} \propto M_{\text{star}}^{\alpha}$ Relation for Galaxies with CALIFA and MaNGA. <i>Astrophysical Journal</i> , 2020, 900, 109.	4.5	21
10	The relaxation of galaxy clusters at redshift $z = 0$ in IllustrisTNG simulation. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 198.	1.7	0
11	NIHAO XVI: the properties and evolution of kinematically selected discs, bulges, and stellar haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4424-4456.	4.4	27
12	A study of stellar orbit fractions: simulated IllustrisTNG galaxies compared to CALIFA observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 842-854.	4.4	19
13	A dynamical view on stellar metallicity gradient diversity across the Hubble sequence with CALIFA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1862-1880.	4.4	20
14	Combining stellar populations with orbit-superposition dynamical modelling: the formation history of the lenticular galaxy NGC 3115. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3776-3796.	4.4	45
15	Evaluating the ability of triaxial Schwarzschild modelling to estimate properties of galaxies from the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4753-4772.	4.4	28
16	Orbital decomposition of CALIFA spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3000-3018.	4.4	64
17	The stellar orbit distribution in present-day galaxies inferred from the CALIFA survey. <i>Nature Astronomy</i> , 2018, 2, 233-238.	10.1	56
18	The EDGE-CALIFA survey: validating stellar dynamical mass models with CO kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 254-292.	4.4	44

#	ARTICLE	IF	CITATIONS
19	A discrete chemo-dynamical model of the giant elliptical galaxy NGC 5846: dark matter fraction, internal rotation, and velocity anisotropy out to six effective radii. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4001-4017.	4.4	27
20	A discrete chemo-dynamical model of the dwarf spheroidal galaxy Sculptor: mass profile, velocity anisotropy and internal rotation. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1117-1135.	4.4	47
21	The low dark matter content of the lenticular galaxy NGC 3998. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3029-3043.	4.4	15
22	THE NEXT GENERATION VIRGO CLUSTER SURVEY. V. MODELING THE DYNAMICS OF M87 WITH THE MADE-TO-MEASURE METHOD. Astrophysical Journal, 2014, 792, 59.	4.5	56
23	RESULTS FROM LONG-TERM OPTICAL MONITORING OF THE SOFT X-RAY TRANSIENT SAX J1810.8â€“2609. Astrophysical Journal, 2012, 761, 118.	4.5	1
24	CALIBRATING THE CORRELATION BETWEEN BLACK HOLE MASS AND X-RAY VARIABILITY AMPLITUDE: X-RAY ONLY BLACK HOLE MASS ESTIMATES FOR ACTIVE GALACTIC NUCLEI AND ULTRA-LUMINOUS X-RAY SOURCES. Astrophysical Journal, 2010, 710, 16-23.	4.5	79
25	Diagnostics for the structure of AGNsâ€™ broad line regions with reverberation mapping data: confirmation of the two-component broad line region model. Science China: Physics, Mechanics and Astronomy, 2010, 53, 196-201.	5.1	4
26	EVIDENCE FOR AN INTERMEDIATE LINE REGION IN ACTIVE GALACTIC NUCLEI's INNER TORUS REGION AND ITS EVOLUTION FROM NARROW TO BROAD LINE SEYFERT I GALAXIES. Astrophysical Journal, 2009, 700, 1173-1189.	4.5	46
27	Morphology and kinematics of orbital components in CALIFA galaxies across the Hubble sequence. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	21
28	SDSS-IV MaNGA: Internal mass distributions and orbital structures of early-type galaxies and their dependence on environment. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	17