

Yumi Choi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,479
citations

516710

16
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

2695
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the DESI Legacy Imaging Surveys. <i>Astronomical Journal</i> , 2019, 157, 168.	4.7	825
2	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XI. THE SPATIALLY RESOLVED RECENT STAR FORMATION HISTORY OF M31. <i>Astrophysical Journal</i> , 2015, 805, 183.	4.5	86
3	SMASH: Survey of the MAgellanic Stellar History. <i>Astronomical Journal</i> , 2017, 154, 199.	4.7	85
4	PHAT. XIX. The Ancient Star Formation History of the M31 Disk. <i>Astrophysical Journal</i> , 2017, 846, 145.	4.5	69
5	SMASHing the LMC: A Tidally Induced Warp in the Outer LMC and a Large-scale Reddening Map. <i>Astrophysical Journal</i> , 2018, 866, 90.	4.5	63
6	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XV. THE BEAST: BAYESIAN EXTINCTION AND STELLAR TOOL*. <i>Astrophysical Journal</i> , 2016, 826, 104.	4.5	36
7	Exploring the Very Extended Low-surface-brightness Stellar Populations of the Large Magellanic Cloud with SMASH. <i>Astrophysical Journal</i> , 2019, 874, 118.	4.5	32
8	The Panchromatic Hubble Andromeda Treasury: Triangulum Extended Region (PHATTER). I. Ultraviolet to Infrared Photometry of 22 Million Stars in M33. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 53.	7.7	30
9	SMASHing the LMC: Mapping a Ring-like Stellar Overdensity in the LMC Disk. <i>Astrophysical Journal</i> , 2018, 869, 125.	4.5	29
10	Star Formation Histories of Ultra-faint Dwarf Galaxies: Environmental Differences between Magellanic and Non-Magellanic Satellites?*. <i>Astrophysical Journal Letters</i> , 2021, 920, L19.	8.3	24
11	The role of faint population III supernovae in forming CEMP stars in ultra-faint dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1-14.	4.4	22
12	SMASHing the low surface brightness SMC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1034-1049.	4.4	21
13	Mapping the Escape Fraction of Ionizing Photons Using Resolved Stars: A Much Higher Escape Fraction for NGC 4214. <i>Astrophysical Journal</i> , 2020, 902, 54.	4.5	21
14	Discovery of a Disrupting Open Cluster Far into the Milky Way Halo: A Recent Star Formation Event in the Leading Arm of the Magellanic Stream?. <i>Astrophysical Journal</i> , 2019, 887, 19.	4.5	20
15	The Second Data Release of the Survey of the MAgellanic Stellar History (SMASH). <i>Astronomical Journal</i> , 2021, 161, 74.	4.7	20
16	TESTING DENSITY WAVE THEORY WITH RESOLVED STELLAR POPULATIONS AROUND SPIRAL ARMS IN M81. <i>Astrophysical Journal</i> , 2015, 810, 9.	4.5	17
17	Spectroscopy of the Young Stellar Association Price-Whelan 1: Origin in the Magellanic Leading Arm and Constraints on the Milky Way Hot Halo. <i>Astrophysical Journal</i> , 2019, 887, 115.	4.5	17
18	The Recent LMC-SMC Collision: Timing and Impact Parameter Constraints from Comparison of Gaia LMC Disk Kinematics and N-body Simulations. <i>Astrophysical Journal</i> , 2022, 927, 153.	4.5	17

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19	Nature of a shell of young stars in the outskirts of the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2019, 631, A98.	5.1	12
20	Mass-to-light Ratios of Spatially Resolved Stellar Populations in M31. <i>Astrophysical Journal</i> , 2020, 891, 32.	4.5	9
21	The intrinsic reddening of the Magellanic Clouds as traced by background galaxies â€œ I. The bar and outskirts of the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3200-3217.	4.4	8
22	The intrinsic reddening of the Magellanic Clouds as traced by background galaxies â€œ II. The Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 993-1004.	4.4	7
23	Structural Parameters and Possible Association of the Ultra-faint Dwarfs Pegasus III and Pisces II from Deep Hubble Space Telescope Photometry. <i>Astrophysical Journal</i> , 2022, 933, 217.	4.5	5
24	Kinematical Analysis of Substructure in the Southern Periphery of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2022, 928, 95.	4.5	4
25	The intrinsic reddening of the Magellanic Clouds as traced by background galaxies â€œ III. The Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 824-840.	4.4	0