

Xiao-Wei Liu

List of Publications by Year in descending order

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papers

831
citations

759233

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docs citations

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times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	At What Mass Are Stars Braked? The Implication from the Turnoff Morphology of NGC 6819. <i>Astrophysical Journal</i> , 2022, 925, 159.	4.5	4
2	Overview of the LAMOST survey in the first decade. <i>Innovation(China)</i> , 2022, 3, 100224.	9.1	24
3	Milky Way Tomography with the SkyMapper Southern Survey. II. Photometric Recalibration of SMSS DR2. <i>Astrophysical Journal</i> , 2021, 907, 68.	4.5	25
4	Discovery of a Candidate Hypervelocity Star Originating from the Sagittarius Dwarf Spheroidal Galaxy. <i>Astrophysical Journal Letters</i> , 2021, 907, L42.	8.3	13
5	LAMOST J0140355+392651: an evolved cataclysmic variable donor transitioning to become an extremely low-mass white dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2051-2073.	4.4	18
6	Most “Young”-rich Stars Have High Masses but are Actually Old. <i>Astrophysical Journal</i> , 2021, 922, 145.	4.5	16
7	A Systematic Search for Dual AGNs in Merging Galaxies (Astro-daring): III: Results from the SDSS Spectroscopic Surveys. <i>Astronomical Journal</i> , 2021, 162, 276.	4.7	2
8	Mapping the Galactic Disk with the LAMOST and Gaia Red Clump Sample. I. Precise Distances, Masses, Ages, and 3D Velocities of $\sim 140,000$ Red Clump Stars. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 29.	7.7	34
9	Ages and masses of 0.64 million red giant branch stars from the LAMOST Galactic Spectroscopic Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5315-5329.	4.4	43
10	Abundance Estimates for 16 Elements in 6 Million Stars from LAMOST DR5 Low-Resolution Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 34.	7.7	130
11	Mass and age of red giant branch stars observed with LAMOST and Kepler. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3633-3643.	4.4	38
12	The China crisis. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 222-227.	0.0	2
13	Searching for Peculiar Cataclysmic Variables with evolved donors from SDSS and LAMOST. , 2018, , .		1
14	Galactic Disk Structure and Metallicity from Mono-age Stellar Populations of LAMOST. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 193-196.	0.0	0
15	Abundances and Gradients in M31 “A Chemical Study of Planetary Nebulae in the Substructures. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 259-263.	0.0	0
16	The LAMOST spectroscopic survey of planetary nebulae in M31 and M33. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 388-389.	0.0	0
17	STELLAR LOCI II. A MODEL-FREE ESTIMATE OF THE BINARY FRACTION FOR FIELD FGK STARS. <i>Astrophysical Journal</i> , 2015, 799, 135.	4.5	51
18	Very deep spectroscopy of NGC 7009. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 622-622.	0.0	0

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19	LAMOST Experiment for Galactic Understanding and Exploration (LEGUE) – The survey's science plan. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 735-754.	1.7	404
20	Very deep spectroscopy of the bright Saturn nebula NGC 7009: The optical recombination spectrum and new effective recombination coefficients. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 354-355.	0.0	0
21	[Fe iii] lines in the planetary nebula NGC 2392. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 532-533.	0.0	1
22	Optical recombination lines as probes of conditions in planetary nebulae. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 219.	0.0	25