

Xiao-Wei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

831
citations

759233

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docs citations

22
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922
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Mapping the Galactic Disk with the LAMOST and Gaia Red Clump Sample. I. Precise Distances, Masses, Ages, and 3D Velocities of ~140,000 Red Clump Stars. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 29.	7.7	34
7	Optical recombination lines as probes of conditions in planetary nebulae. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 219.	0.0	25
8	Milky Way Tomography with the SkyMapper Southern Survey. II. Photometric Recalibration of SMSS DR2. <i>Astrophysical Journal</i> , 2021, 907, 68.	4.5	25
9	Overview of the LAMOST survey in the first decade. <i>Innovation(China)</i> , 2022, 3, 100224.	9.1	24
10	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
11	Most “Young”-rich Stars Have High Masses but are Actually Old. <i>Astrophysical Journal</i> , 2021, 922, 145.	4.5	16
12	Discovery of a Candidate Hypervelocity Star Originating from the Sagittarius Dwarf Spheroidal Galaxy. <i>Astrophysical Journal Letters</i> , 2021, 907, L42.	8.3	13
13	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
14	The China crisis. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 222-227.	0.0	2
15	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
16	[Fe iii] lines in the planetary nebula NGC 2392. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 532-533.	0.0	1
17	Searching for Peculiar Cataclysmic Variables with evolved donors from SDSS and LAMOST. , 2018, , .		1
18	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

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19	Very deep spectroscopy of NGC 7009. Proceedings of the International Astronomical Union, 2012, 10, 622-622.	0.0	0
20	Abundances and Gradients in M31 – A Chemical Study of Planetary Nebulae in the Substructures. Proceedings of the International Astronomical Union, 2016, 12, 259-263.	0.0	0
21	The LAMOST spectroscopic survey of planetary nebulae in M31 and M33. Proceedings of the International Astronomical Union, 2016, 12, 388-389.	0.0	0
22	Galactic Disk Structure and Metallicity from Mono-age Stellar Populations of LAMOST. Proceedings of the International Astronomical Union, 2017, 12, 193-196.	0.0	0