

Katherine Jameson

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

922
citations

687363

13
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713466

21
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22
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22
docs citations

22
times ranked

1593
citing authors

#	ARTICLE	IF	CITATIONS
1	GASKAP-HI pilot survey science I: ASKAP zoom observations of HI emission in the Small Magellanic Cloud. Publications of the Astronomical Society of Australia, 2022, 39, .	3.4	15
2	GASKAP Pilot Survey Science. II. ASKAP Zoom Observations of Galactic 21 cm Absorption. Astrophysical Journal, 2022, 926, 186.	4.5	7
3	The 30 Doradus Molecular Cloud at 0.4 pc Resolution with the Atacama Large Millimeter/submillimeter Array: Physical Properties and the Boundedness of CO-emitting Structures. Astrophysical Journal, 2022, 932, 47.	4.5	15
4	The Galactic Plane Infrared Polarization Survey (GPIPS): Data Release 4. Astrophysical Journal, Supplement Series, 2020, 249, 23.	7.7	14
5	On the dynamics of the Small Magellanic Cloud through high-resolution ASKAP HI observations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 392-406.	4.4	36
6	Mapping Spatial Variations of HI Turbulent Properties in the Small and Large Magellanic Cloud. Astrophysical Journal, 2019, 887, 111.	4.5	17
7	Molecular Gas in the Outflow of the Small Magellanic Cloud. Astrophysical Journal Letters, 2019, 885, L32.	8.3	13
8	An ATCA Survey of HI Absorption in the Magellanic Clouds. I. HI Gas Temperature Measurements in the Small Magellanic Cloud. Astrophysical Journal, Supplement Series, 2019, 244, 7.	7.7	12
9	First Results from the Herschel and ALMA Spectroscopic Surveys of the SMC: The Relationship between $[\text{C II}]$ -bright Gas and CO-bright Gas at Low Metallicity*. Astrophysical Journal, 2018, 853, 111.	4.5	35
10	Cold gas outflows from the Small Magellanic Cloud traced with ASKAP. Nature Astronomy, 2018, 2, 901-906.	10.1	34
11	Dust Emission at 8 and 24 μm as Diagnostics of H II Region Radiative Transfer. Astrophysical Journal, 2017, 844, 63.	4.5	7
12	Spatial Variations of Turbulent Properties of Neutral Hydrogen Gas in the Small Magellanic Cloud Using Structure-function Analysis. Astrophysical Journal, 2017, 845, 53.	4.5	13
13	THE RELATIONSHIP BETWEEN MOLECULAR GAS, HI , AND STAR FORMATION IN THE LOW-MASS, LOW-METALLICITY MAGELLANIC CLOUDS. Astrophysical Journal, 2016, 825, 12.	4.5	58
14	Resolving the Transition from Molecular to Atomic at 1/5 Solar Metallicity in the Small Magellanic Cloud. Proceedings of the International Astronomical Union, 2015, 11, 13-16.	0.0	0
15	CARMA CO OBSERVATIONS OF THREE EXTREMELY METAL-POOR, STAR-FORMING GALAXIES. Astrophysical Journal, 2015, 814, 30.	4.5	7
16	DUST AND GAS IN THE MAGELLANIC CLOUDS FROM THE HERITAGE HERSCHEL KEY PROJECT. I. DUST PROPERTIES AND INSIGHTS INTO THE ORIGIN OF THE SUBMILLIMETER EXCESS EMISSION. Astrophysical Journal, 2014, 797, 85.	4.5	125
17	DUST AND GAS IN THE MAGELLANIC CLOUDS FROM THE HERITAGE HERSCHEL KEY PROJECT. II. GAS-TO-DUST RATIO VARIATIONS ACROSS INTERSTELLAR MEDIUM PHASES. Astrophysical Journal, 2014, 797, 86.	4.5	112
18	MISALIGNMENT OF MAGNETIC FIELDS AND OUTFLOWS IN PROTOSTELLAR CORES. Astrophysical Journal, 2013, 768, 159.	4.5	130

#	ARTICLE	IF	CITATIONS
19	THE STATE OF THE GAS AND THE RELATION BETWEEN GAS AND STAR FORMATION AT LOW METALLICITY: THE SMALL MAGELLANIC CLOUD. <i>Astrophysical Journal</i> , 2011, 741, 12.	4.5	178
20	CARMA SURVEY TOWARD INFRARED-BRIGHT NEARBY GALAXIES (STING): MOLECULAR GAS STAR FORMATION LAW IN NGC 4254. <i>Astrophysical Journal</i> , 2011, 730, 72.	4.5	64
21	THE DISCOVERY OF A MASSIVE CLUSTER OF RED SUPERGIANTS WITH GLIMPSE. <i>Astronomical Journal</i> , 2009, 137, 4824-4833.	4.7	25