

Katherine Jameson

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

922
citations

687363

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713466

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1593
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#	ARTICLE	IF	CITATIONS
1	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
2	MISALIGNMENT OF MAGNETIC FIELDS AND OUTFLOWS IN PROTOSTELLAR CORES. <i>Astrophysical Journal</i> , 2013, 768, 159.	4.5	130
3	DUST AND GAS IN THE MAGELLANIC CLOUDS FROM THE HERITAGE <i>HERSCHEL</i> KEY PROJECT. I. DUST PROPERTIES AND INSIGHTS INTO THE ORIGIN OF THE SUBMILLIMETER EXCESS EMISSION. <i>Astrophysical Journal</i> , 2014, 797, 85.	4.5	125
4	DUST AND GAS IN THE MAGELLANIC CLOUDS FROM THE HERITAGE <i>HERSCHEL</i> KEY PROJECT. II. GAS-TO-DUST RATIO VARIATIONS ACROSS INTERSTELLAR MEDIUM PHASES. <i>Astrophysical Journal</i> , 2014, 797, 86.	4.5	112
5	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
6	THE RELATIONSHIP BETWEEN MOLECULAR GAS, H i, AND STAR FORMATION IN THE LOW-MASS, LOW-METALLICITY MAGELLANIC CLOUDS. <i>Astrophysical Journal</i> , 2016, 825, 12.	4.5	58
7	On the dynamics of the Small Magellanic Cloud through high-resolution ASKAP H ₁ observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 392-406.	4.4	36
8	First Results from the Herschel and ALMA Spectroscopic Surveys of the SMC: The Relationship between [C ii]-bright Gas and CO-bright Gas at Low Metallicity*. <i>Astrophysical Journal</i> , 2018, 853, 111.	4.5	35
9	Cold gas outflows from the Small Magellanic Cloud traced with ASKAP. <i>Nature Astronomy</i> , 2018, 2, 901-906.	10.1	34
10	THE DISCOVERY OF A MASSIVE CLUSTER OF RED SUPERGIANTS WITH GLIMPSE. <i>Astronomical Journal</i> , 2009, 137, 4824-4833.	4.7	25
11	Mapping Spatial Variations of H i Turbulent Properties in the Small and Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2019, 887, 111.	4.5	17
12	GASKAP-HI pilot survey science I: ASKAP zoom observations of H ₁ emission in the Small Magellanic Cloud. <i>Publications of the Astronomical Society of Australia</i> , 2022, 39, .	3.4	15
13	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. <i>Astrophysical Journal</i> , 2022, 932, 47.	4.5	15
14	The Galactic Plane Infrared Polarization Survey (GPIPS): Data Release 4. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 23.	7.7	14
15	Spatial Variations of Turbulent Properties of Neutral Hydrogen Gas in the Small Magellanic Cloud Using Structure-function Analysis. <i>Astrophysical Journal</i> , 2017, 845, 53.	4.5	13
16	Molecular Gas in the Outflow of the Small Magellanic Cloud. <i>Astrophysical Journal Letters</i> , 2019, 885, L32.	8.3	13
17	An ATCA Survey of H i Absorption in the Magellanic Clouds. I. H i Gas Temperature Measurements in the Small Magellanic Cloud. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 7.	7.7	12
18	CARMA CO OBSERVATIONS OF THREE EXTREMELY METAL-POOR, STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 814, 30.	4.5	7

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19	Dust Emission at 8 and 24 μ m as Diagnostics of H ii Region Radiative Transfer. <i>Astrophysical Journal</i> , 2017, 844, 63.	4.5	7
20	GASKAP Pilot Survey Science. II. ASKAP Zoom Observations of Galactic 21 cm Absorption. <i>Astrophysical Journal</i> , 2022, 926, 186.	4.5	7
21	Resolving the Transition from Molecular to Atomic at 1/5 Solar Metallicity in the Small Magellanic Cloud. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 13-16.	0.0	0