

Caroline Bot

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,202
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1388
citing authors

#	ARTICLE	IF	CITATIONS
1	The Spitzer Survey of the Small Magellanic Cloud: Far-Infrared Emission and Cold Gas in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2007, 658, 1027-1046.	4.5	178
2	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
3	The Spitzer Survey of the Small Magellanic Cloud: S3MC Imaging and Photometry in the Mid- and Far-Infrared Wave Bands. <i>Astrophysical Journal</i> , 2007, 655, 212-232.	4.5	176
4	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. <i>Astrophysical Journal</i> , 2014, 797, 85.	4.5	125
5	DUST AND GAS IN THE MAGELLANIC CLOUDS FROM THE HERITAGE HERSCHEL KEY PROJECT. II. GAS-TO-DUST RATIO VARIATIONS ACROSS INTERSTELLAR MEDIUM PHASES. <i>Astrophysical Journal</i> , 2014, 797, 86.	4.5	112
6	THE SPITZER SURVEY OF THE SMALL MAGELLANIC CLOUD (S ³ MC): INSIGHTS INTO THE LIFE CYCLE OF POLYCYCLIC AROMATIC HYDROCARBONS. <i>Astrophysical Journal</i> , 2010, 715, 701-723.	4.5	99
7	THE STRUCTURE OF A LOW-METALLICITY GIANT MOLECULAR CLOUD COMPLEX. <i>Astrophysical Journal</i> , 2009, 702, 352-367.	4.5	92
8	THE SPITZER SPECTROSCOPIC SURVEY OF THE SMALL MAGELLANIC CLOUD (S ⁴ MC): PROBING THE PHYSICAL STATE OF POLYCYCLIC AROMATIC HYDROCARBONS IN A LOW-METALLICITY ENVIRONMENT. <i>Astrophysical Journal</i> , 2012, 744, 20.	4.5	73
9	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
10	The Polycyclic Aromatic Hydrocarbon Mass Fraction on a 10 pc Scale in the Magellanic Clouds. <i>Astrophysical Journal</i> , 2019, 876, 62.	4.5	39
11	Dust Abundance Variations in the Magellanic Clouds: Probing the Life-cycle of Metals with All-sky Surveys. <i>Astrophysical Journal</i> , 2017, 841, 72.	4.5	31
12	Modeling dust emission in the Magellanic Clouds with Spitzer and Herschel. <i>Astronomy and Astrophysics</i> , 2017, 601, A55.	5.1	30
13	The Quest for the Missing Dust. I. Restoring Large-scale Emission in Herschel Maps of Local Group Galaxies. <i>Astrophysical Journal</i> , 2021, 921, 35.	4.5	5
14	The Dust-selected Molecular Clouds in the Northeast Region of the Small Magellanic Cloud*. <i>Astrophysical Journal</i> , 2018, 867, 117.	4.5	1