

Mark Wolfire

List of Publications by Year in descending order

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9
papers

1,698
citations

1478505

6
h-index

1588992

8
g-index

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all docs

9
docs citations

9
times ranked

2449
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing the Multiphase Origin of [C ii] Emission in M101 and NGC 6946 with Velocity-resolved Spectroscopy. <i>Astrophysical Journal</i> , 2021, 915, 92.	4.5	13
2	Herschel 158 μ m [C ii] Observations of α -CO-dark Gas in the Perseus Giant Molecular Cloud. <i>Astrophysical Journal</i> , 2020, 899, 23.	4.5	3
3	Calculation of the Rate of the $C^{+} + HF^{+} \rightarrow CF^{+} + H$ Reaction: Implications for Fluorine Chemistry in the Interstellar Medium. <i>Astrophysical Journal</i> , 2019, 872, 203.	4.5	4
4	Chemical Abundances in a Turbulent Medium: H_2 , OH^{+} , H_2O^{+} , ArH^{+} . <i>Astrophysical Journal</i> , 2019, 885, 109.	4.5	24
5	[C i](1 σ) and [C i](2 σ) in Resolved Local Galaxies*. <i>Astrophysical Journal</i> , 2019, 887, 105.	4.5	22
6	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
7	THE SPATIALLY RESOLVED COOLING LINE DEFICIT IN GALAXIES. <i>Astrophysical Journal</i> , 2017, 834, 5.	4.5	79
8	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
9	The CO-to- H_2 Conversion Factor. <i>Annual Review of Astronomy and Astrophysics</i> , 2013, 51, 207-268.	24.3	1,518