

Charles J Lada

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

3,743
citations

1162889

8
h-index

1125617

13
g-index

16
all docs

16
docs citations

16
times ranked

2779
citing authors

#	ARTICLE	IF	CITATIONS
1	Embedded Clusters in Molecular Clouds. Annual Review of Astronomy and Astrophysics, 2003, 41, 57-115.	8.1	2,360
2	ON THE STAR FORMATION RATES IN MOLECULAR CLOUDS. Astrophysical Journal, 2010, 724, 687-693.	1.6	574
3	Internal structure of a cold dark molecular cloud inferred from the extinction of background starlight. Nature, 2001, 409, 159-161.	13.7	382
4	STAR FORMATION RATES IN MOLECULAR CLOUDS AND THE NATURE OF THE EXTRAGALACTIC SCALING RELATIONS. Astrophysical Journal, 2012, 745, 190.	1.6	257
5	The physics and modes of star cluster formation: observations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 713-731.	1.6	64
6	The ALMA View of GMCs in NGC 300: Physical Properties and Scaling Relations at 10 pc Resolution. Astrophysical Journal, 2018, 857, 19.	1.6	55
7	Observations of molecular and atomic clouds in M31. Astrophysical Journal, 1988, 328, 143.	1.6	29
8	Probing the Cold Deep Depths of the California Molecular Cloud: The Icy Relationship between CO and Dust. Astrophysical Journal, 2021, 908, 76.	1.6	9
9	Systematic Investigation of Dust and Gaseous CO in 12 Nearby Molecular Clouds. Astrophysical Journal, 2022, 931, 9.	1.6	5
10	Simultaneous Deep Measurements of CO Isotopologues and Dust Emission in Giant Molecular Clouds in the Andromeda Galaxy. Astrophysical Journal, 2021, 912, 68.	1.6	3
11	First Resolved Dust Continuum Measurements of Individual Giant Molecular Clouds in the Andromeda Galaxy. Astrophysical Journal, 2020, 890, 42.	1.6	3
12	On Schmidt's Conjecture and Star Formation Scaling Laws. Proceedings of the International Astronomical Union, 2014, 10, 31-38.	0.0	1
13	The Substellar Luminosity and Mass Functions of the Trapezium Cluster Down to the Deuterium Burning Limit. Symposium - International Astronomical Union, 2003, 211, 67-68.	0.1	0
14	Insights on molecular cloud structure. Proceedings of the International Astronomical Union, 2010, 6, 99-102.	0.0	0
15	Molecular clouds have power-law PDFs (not log-normal). Proceedings of the International Astronomical Union, 2015, 11, 706-707.	0.0	0