

Mengyao Liu

List of Publications by Year in descending order

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17
papers

326
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933447

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888059

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times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	The SOFIA Massive (SOMA) Star Formation Survey. I. Overview and First Results. <i>Astrophysical Journal</i> , 2017, 843, 33.	4.5	47
2	A HUNT FOR MASSIVE STARLESS CORES. <i>Astrophysical Journal</i> , 2017, 834, 193.	4.5	42
3	The Core Mass Function in the Massive Protocluster G286.21+0.17 Revealed by ALMA. <i>Astrophysical Journal</i> , 2018, 853, 160.	4.5	42
4	The Core Mass Function across Galactic Environments. II. Infrared Dark Cloud Clumps. <i>Astrophysical Journal</i> , 2018, 862, 105.	4.5	38
5	Salt, Hot Water, and Silicon Compounds Tracing Massive Twin Disks. <i>Astrophysical Journal Letters</i> , 2020, 900, L2.	8.3	26
6	An Ordered Envelopeâ€œDisk Transition in the Massive Protostellar Source G339.88-1.26. <i>Astrophysical Journal</i> , 2019, 873, 73.	4.5	21
7	Dynamics of a massive binary at birth. <i>Nature Astronomy</i> , 2019, 3, 517-523.	10.1	21
8	The SOFIA Massive (SOMA) Star Formation Survey. II. High Luminosity Protostars. <i>Astrophysical Journal</i> , 2019, 874, 16.	4.5	16
9	The SOFIA Massive (SOMA) Star Formation Survey. III. From Intermediate- to High-mass Protostars. <i>Astrophysical Journal</i> , 2020, 904, 75.	4.5	12
10	The High-mass Protostellar Population of a Massive Infrared Dark Cloud. <i>Astrophysical Journal</i> , 2020, 897, 136.	4.5	10
11	Discovery of a Photoionized Bipolar Outflow toward the Massive Protostar G45.47+0.05. <i>Astrophysical Journal Letters</i> , 2019, 886, L4.	8.3	10
12	The SOMA Radio Survey. I. Comprehensive SEDs of High-mass Protostars from Infrared to Radio and the Emergence of Ionization Feedback. <i>Astrophysical Journal</i> , 2019, 873, 20.	4.5	9
13	Gas Kinematics of the Massive Protocluster G286.21+0.17 Revealed by ALMA. <i>Astrophysical Journal</i> , 2020, 894, 87.	4.5	9
14	The Core Mass Function across Galactic Environments. III. Massive Protoclusters. <i>Astrophysical Journal</i> , 2021, 916, 45.	4.5	8
15	SiO Outflows as Tracers of Massive Star Formation in Infrared Dark Clouds. <i>Astrophysical Journal</i> , 2021, 921, 96.	4.5	8
16	Star Formation in a Strongly Magnetized Cloud. <i>Astrophysical Journal</i> , 2021, 916, 78.	4.5	4
17	Surveying the Giant H ii Regions of the Milky Way with SOFIA. III. W49A. <i>Astrophysical Journal</i> , 2021, 923, 198.	4.5	3