Mengyao Liu

List of Publications by Year
in descending order

17	326	933447 10	888059 17
papers	citations	h-index	g-index

17	17	17	403
all docs	docs citations	times ranked	citing authors

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