

Omnarayani Nayak

List of Publications by Year in descending order

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Version: 2024-02-01

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citing authors

#	ARTICLE	IF	CITATIONS
1	The 30 Doradus Molecular Cloud at 0.4 pc Resolution with the Atacama Large Millimeter/submillimeter Array: Physical Properties and the Boundedness of CO-emitting Structures. <i>Astrophysical Journal</i> , 2022, 932, 47.	4.5	15
2	An ALMA Study of the Massive Molecular Clump N159W-North in the Large Magellanic Cloud: A Possible Gas Flow Penetrating One of the Most Massive Protocluster Systems in the Local Group. <i>Astrophysical Journal</i> , 2022, 933, 20.	4.5	6
3	Evolution of Stellar Feedback in H II Regions. <i>Astrophysical Journal</i> , 2021, 908, 68.	4.5	41
4	The Stellar Content of H72.97-69.39, a Potential Super Star Cluster in the Making. <i>Astronomical Journal</i> , 2021, 161, 206.	4.7	1
5	Unveiling the nature of candidate high-mass young stellar objects in the Magellanic Clouds with near-IR spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5211-5222.	4.4	6
6	Formation of high-mass stars in an isolated environment in the Large Magellanic Cloud. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	8
7	An ALMA View of Molecular Filaments in the Large Magellanic Cloud. I. The Formation of High-mass Stars and Pillars in the N159E-Papillon Nebula Triggered by a Cloud-Cloud Collision. <i>Astrophysical Journal</i> , 2019, 886, 14.	4.5	46
8	An ALMA View of Molecular Filaments in the Large Magellanic Cloud. II. An Early Stage of High-mass Star Formation Embedded at Colliding Clouds in N159W-South. <i>Astrophysical Journal</i> , 2019, 886, 15.	4.5	50
9	KINEMATIC STRUCTURE OF MOLECULAR GAS AROUND HIGH-MASS YSO, PAPILLON NEBULA, IN N159 EAST IN THE LARGE MAGELLANIC CLOUD: A NEW PERSPECTIVE WITH ALMA. <i>Astrophysical Journal</i> , 2017, 835, 108.	4.5	42
10	The star-forming complex LMC-N79 as a future rival to 30 Doradus. <i>Nature Astronomy</i> , 2017, 1, 784-790.	10.1	26
11	Investigating formation of isolated intermediate/massive YSOs in the LMC. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0
12	HIGH-MASS STAR FORMATION TRIGGERED BY COLLISION BETWEEN CO FILAMENTS IN N159 WEST IN THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal Letters</i> , 2015, 807, L4.	8.3	105