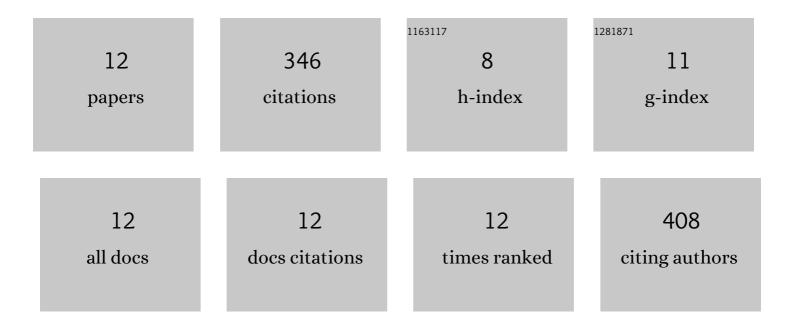
## Omnarayani Nayak

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	HIGH-MASS STAR FORMATION TRIGGERED BY COLLISION BETWEEN CO FILAMENTS IN N159 WEST IN THE LARGE MAGELLANIC CLOUD. Astrophysical Journal Letters, 2015, 807, L4.	8.3	105
2	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. Astrophysical Journal, 2019, 886, 15.	4.5	50
3	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. Astrophysical Journal, 2019, 886, 14.	4.5	46
4	KINEMATIC STRUCTURE OF MOLECULAR GAS AROUND HIGH-MASS YSO, PAPILLON NEBULA, IN N159 EAST IN THE LARGE MAGELLANIC CLOUD: A NEW PERSPECTIVE WITH ALMA. Astrophysical Journal, 2017, 835, 108.	4.5	42
5	Evolution of Stellar Feedback in H ii Regions. Astrophysical Journal, 2021, 908, 68.	4.5	41
6	The star-forming complex LMC-N79 as a future rival to 30 Doradus. Nature Astronomy, 2017, 1, 784-790.	10.1	26
7	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. Astrophysical Journal, 2022, 932, 47.	4.5	15
8	Formation of high-mass stars in an isolated environment in the Large Magellanic Cloud. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	8
9	Unveiling the nature of candidate high-mass young stellar objects in the Magellanic Clouds with near-IR spectroscopy. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5211-5222.	4.4	6
10	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. Astrophysical Journal, 2022, 933, 20.	4.5	6
11	The Stellar Content of H72.97-69.39, a Potential Super Star Cluster in the Making. Astronomical Journal, 2021, 161, 206.	4.7	1
12	Investigating formation of isolated intermediate/massive YSOs in the LMC. Proceedings of the International Astronomical Union, 2015, 11, .	0.0	0