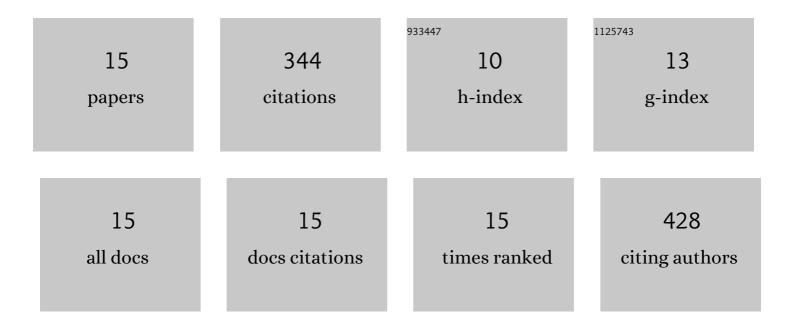
## Kinsuk Acharyya

List of Publications by Year in descending order

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Κινιςτικ Δαμαργγα

#	Article	IF	CITATIONS
1	Understanding the impact of diffusion of CO in the astrochemical models. Publications of the Astronomical Society of Australia, 2022, 39, .	3.4	1
2	The First Mid-infrared Detection of HNC in the Interstellar Medium: Probing the Extreme Environment toward the Orion Hot Core. Astrophysical Journal, 2021, 907, 51.	4.5	9
3	Gas-phase Modeling of the Cometary Coma of Interstellar Comet 21/Borisov. Astrophysical Journal, 2021, 923, 91.	4.5	0
4	The Effect of Chemisorption on the Chemical Evolution of Star-forming Regions. Astrophysical Journal, Supplement Series, 2020, 247, 4.	7.7	1
5	High Spectral Resolution SOFIA/EXES Observations of C <sub>2</sub> H <sub>2</sub> Âtoward Orion IRc2. Astrophysical Journal, 2018, 856, 9.	4.5	15
6	Hot Cores in Magellanic Clouds. Astrophysical Journal, 2018, 859, 51.	4.5	12
7	Gas-grain Fluorine and Chlorine Chemistry in the Interstellar Medium. Astrophysical Journal, 2017, 850, 105.	4.5	26
8	SIMULATIONS OF THE CHEMISTRY IN THE SMALL MAGELLANIC CLOUD. Astrophysical Journal, 2016, 822, 105.	4.5	11
9	BINDING ENERGY OF MOLECULES ON WATER ICE: LABORATORY MEASUREMENTS AND MODELING. Astrophysical Journal, 2016, 825, 89.	4.5	51
10	STICKING OF MOLECULES ON NONPOROUS AMORPHOUS WATER ICE. Astrophysical Journal, 2016, 823, 56.	4.5	48
11	MOLECULAR DEVELOPMENT IN THE LARGE MAGELLANIC CLOUD. Astrophysical Journal, 2015, 812, 142.	4.5	28
12	H <sub>2</sub> FORMATION IN DIFFUSE CLOUDS: A NEW KINETIC MONTE CARLO STUDY. Astrophysical Journal, 2014, 784, 139.	4.5	14
13	Deep observations of O <sub>2</sub> toward a low-mass protostar with <i>Herschel</i> -HIFI. Astronomy and Astrophysics, 2013, 558, A58.	5.1	57
14	KINETIC MONTE CARLO STUDIES OF H <sub>2</sub> FORMATION ON GRAIN SURFACES OVER A WIDE TEMPERATURE RANGE. Astrophysical Journal, 2012, 751, 58.	4.5	32
15	THE EFFECTS OF GRAIN SIZE AND GRAIN GROWTH ON THE CHEMICAL EVOLUTION OF COLD DENSE CLOUDS. Astrophysical Journal, 2011, 732, 73.	4.5	39