Kinsuk Acharyya

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2683745/publications.pdf

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15	344	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	428
all docs	docs citations	times ranked	citing authors

#	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 2I/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 C₂H₂Âtoward 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	H₂FORMATION IN DIFFUSE CLOUDS: A NEW KINETIC MONTE CARLO STUDY. Astrophysical Journal, 2014, 784, 139.	4.5	14
13	Deep observations of O₂toward a low-mass protostar withHerschel-HIFI. Astronomy and Astrophysics, 2013, 558, A58.	5.1	57
14	KINETIC MONTE CARLO STUDIES OF H₂FORMATION 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