

Christian Mejía-a

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

275
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical reactions in H ₂ O:CO interstellar ice analogues promoted by energetic heavy-ion irradiation. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2491-2504.	4.4	6
2	Irradiation of Phenylalanine at 300 K by MeV Ions. Astrobiology, 2022, 22, 439-451.	3.0	2
3	Radiolysis of Ices by Cosmic-Rays: CH ₄ and H ₂ O Ices Mixtures Irradiated by 40 MeV ⁵⁸ Ni ¹¹⁺ Ions. Astrophysical Journal, 2020, 894, 132.	4.5	8
4	Radioresistance of Adenine to Cosmic Rays. Astrobiology, 2017, 17, 298-308.	3.0	13
5	Irradiation of nitrogen-rich ices by swift heavy ions. Astronomy and Astrophysics, 2016, 592, A99.	5.1	20
6	Swift heavy ion modifications of astrophysical water ice. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 472-476.	1.4	16
7	Compaction of porous ices rich in water by swift heavy ions. Icarus, 2015, 250, 222-229.	2.5	38
8	A Simple Model for Ice Compaction Data Induced by Low Energy Ion Irradiation. Brazilian Journal of Physics, 2015, 45, 195-199.	1.4	2
9	Radiolysis and sputtering of carbon dioxide ice induced by swift Ti, Ni, and Xe ions. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 477-481.	1.4	27
10	The Influence of Crystallinity Degree on the Glycine Decomposition Induced by 1 MeV Proton Bombardment in Space Analog Conditions. Astrobiology, 2013, 13, 79-91.	3.0	42
11	Cosmic ray-ice interaction studied by radiolysis of 15Å methane ice with MeV O, Fe and Zn ions. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2368-2379.	4.4	43
12	Swift heavy ion irradiation of water ice from MeV to GeV energies. Astronomy and Astrophysics, 2013, 557, A97.	5.1	58