

Christian Mejía-a

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1092827/publications.pdf>

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