

# Lucio S Farenzena

## List of Publications by Year in descending order

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12  
papers

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1163117

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docs citations

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101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrophysical Icy Surface Simulation under Energetic Particles and Radiation Field in Formic Acid. Journal of Physical Chemistry C, 2008, 112, 11954-11961.	3.1	26
2	Electronic sputtering produced by fission fragments on condensed CO and CO <sub>2</sub> . Journal of the American Society for Mass Spectrometry, 2006, 17, 1120-1128.	2.8	25
3	Electronic sputtering: angular distributions of (LiF) <sub>n</sub> Li <sup>+</sup> clusters emitted in collisions of Kr (10.1) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	16
4	Cluster emission and chemical reactions in oxygen and nitrogen ices induced by fast heavy-ion impact. Journal of Mass Spectrometry, 2008, 43, 1521-1530.	1.6	15
5	Secondary Ion Emission from Water Ice at 10 <sup>13</sup> K Induced by MeV N <sub>2</sub> <sup>+</sup> Ions. Journal of Physical Chemistry C, 2011, 115, 12005-12014.	3.1	12
6	Hybrid molecular ions emitted from CO <sub>2</sub> -NH <sub>3</sub> ice bombarded by fission fragments. International Journal of Mass Spectrometry, 2007, 262, 195-202.	1.5	9
7	Cluster ion emission from LiF induced by MeV Nq <sup>+</sup> projectiles and <sup>252</sup> Cf fission fragments. European Physical Journal D, 2011, 63, 391-400.	1.3	9
8	Electronic sputtering of LiF by Krypton (10 MeV/u): size dependent energy distributions of Li+(LiF) <sub>n</sub> clusters. European Physical Journal D, 2012, 66, 1.	1.3	8
9	Strong perturbation effects in heavy ion induced electronic sputtering of lithium fluoride. European Physical Journal D, 2014, 68, 1.	1.3	7
10	Secondary ion emission induced by fission fragment impact in CO <sub>2</sub> -NH <sub>3</sub> and CO <sub>2</sub> -NH <sub>3</sub> -H <sub>2</sub> O ices: modification in the CO <sub>2</sub> -NH <sub>3</sub> ice structure. Journal of Mass Spectrometry, 2007, 42, 1333-1341.	1.6	5
11	Irradiation effects in CO and CO <sub>2</sub> ices induced by swift heavy Ni ions at 46 MeV and 537 MeV. Proceedings of the International Astronomical Union, 2009, 5, 428-429.	0.0	1
12	Heavy ion irradiation of astrophysical ice analogs. Proceedings of the International Astronomical Union, 2009, 5, 29-32.	0.0	0