

The atmosphere of comet 67P/Churyumov-Gerasimenko solar wind alpha particles

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Atmospheric escape from unmagnetized bodies. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 2364-2385.	1.5	44
2	Observations of high-plasma density region in the inner coma of 67P/Churyumov-Gerasimenko during early activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S33-S44.	1.6	11
3	Ionospheric plasma of comet 67P probed by Rosetta at 3 AU from the Sun. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S331-S351.	1.6	75
4	CME impact on comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S45-S56.	1.6	42
5	Mass-loading of the solar wind at 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 596, A42.	2.1	38
6	IMAGING OBSERVATIONS OF THE HYDROGEN COMA OF COMET 67P/CHURYUMOV-GERASIMENKO IN 2015 SEPTEMBER BY THE PROCYON/LAICA. <i>Astronomical Journal</i> , 2017, 153, 76.	1.9	21
7	Ceres interaction with the solar wind. <i>Geophysical Research Letters</i> , 2017, 44, 2070-2077.	1.5	9
8	Ion acoustic waves at comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2017, 600, A3.	2.1	28
9	Hybrid modelling of cometary plasma environments. <i>Astronomy and Astrophysics</i> , 2017, 604, A73.	2.1	37
10	Evolution of the ion environment of comet 67P during the Rosetta mission as seen by RPC-ICA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S252-S261.	1.6	55
11	Plasma waves confined to the diamagnetic cavity of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S84-S92.	1.6	19
12	Cometary ion dynamics observed in the close vicinity of comet 67P/Churyumov-Gerasimenko during the intermediate activity period. <i>Astronomy and Astrophysics</i> , 2018, 613, A57.	2.1	22
13	Discovery of a proton aurora at Mars. <i>Nature Astronomy</i> , 2018, 2, 802-807.	4.2	50
14	Energy conversion in cometary atmospheres. <i>Astronomy and Astrophysics</i> , 2018, 616, A81.	2.1	14
15	Building a Weakly Outgassing Comet from a Generalized Ohm's Law. <i>Physical Review Letters</i> , 2019, 123, 055101.	2.9	21
16	Solar wind charge exchange in cometary atmospheres. <i>Astronomy and Astrophysics</i> , 2019, 630, A36.	2.1	11
17	Interpretation of heliocentric water production rates of comets. <i>Astronomy and Astrophysics</i> , 2019, 623, A120.	2.1	14
18	Plasma properties of suprathermal electrons near comet 67P/Churyumov-Gerasimenko with Rosetta. <i>Astronomy and Astrophysics</i> , 2019, 630, A42.	2.1	18

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19	Solar wind charge exchange in cometary atmospheres. <i>Astronomy and Astrophysics</i> , 2019, 630, A37.	2.1	21
20	Solar wind charge exchange in cometary atmospheres. <i>Astronomy and Astrophysics</i> , 2019, 630, A35.	2.1	14
21	MHD simulation of the solar wind flow around the coma of comet Churyumovâ€™Gerasimenko during Rosettaâ€™s flyby. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5642-5650.	1.6	2
22	Nongravitational Effects of Cometary Activity. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	10
23	Atmospheric Escape Processes and Planetary Atmospheric Evolution. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027639.	0.8	58
24	Cometary plasma science. <i>Experimental Astronomy</i> , 2022, 54, 1129-1167.	1.6	3
25	Using Solar Wind Helium to Probe the Structure and Seasonal Variability of the Martian Hydrogen Corona. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE007049.	1.5	5
26	Observations of a Solar Energetic Particle Event From Inside and Outside the Coma of Comet 67P. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
27	The Plasma Environment of Comet 67P/Churyumov-Gerasimenko. <i>Space Science Reviews</i> , 2022, 218, .	3.7	11
28	Gas Dynamic Models of the Interaction between the Solar Wind and Cometary Atmospheres. <i>Fluid Dynamics</i> , 2022, 57, 1023-1040.	0.2	0
29	Solar Wind Protons in the Diamagnetic Cavity at Comet 67P/Churyumovâ€™Gerasimenko. <i>Journal of Geophysical Research: Space Physics</i> , 2023, 128, .	0.8	1
30	Particle-in-cell modelling of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2023, 674, A65.	2.1	2
33	The Comet Interceptor Mission. <i>Space Science Reviews</i> , 2024, 220, .	3.7	1