

CME impact on comet 67P/Churyumov-Gerasimenko

Monthly Notices of the Royal Astronomical Society

462, S45-S56

DOI: [10.1093/mnras/stw2112](https://doi.org/10.1093/mnras/stw2112)

Citation Report

#	ARTICLE	IF	CITATIONS
1	From Giotto to Rosetta. <i>Astronomy and Geophysics</i> , 2016, 57, 6.37-6.40.	0.1	0
2	Current sheets in comet 67P/Churyumov-Gerasimenko's coma. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3308-3321.	0.8	11
3	PLASMA ENVIRONMENT AROUND COMET 67P/CHURYUMOV-GERASIMENKO AT PERIHELION: MODEL COMPARISON WITH ROSETTA DATA. <i>Astronomical Journal</i> , 2017, 153, 30.	1.9	23
4	The birth and growth of a solar wind cavity around a comet – Rosetta observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S396-S403.	1.6	57
5	Achievements and Challenges in the Science of Space Weather. <i>Space Science Reviews</i> , 2017, 212, 1137-1157.	3.7	45
6	Evolution of the magnetic field at comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S268-S275.	1.6	32
7	Hybrid modelling of cometary plasma environments. <i>Astronomy and Astrophysics</i> , 2017, 604, A73.	2.1	37
8	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
9	Investigating short-time-scale variations in cometary ions around comet 67P. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S522-S534.	1.6	24
11	Ultraviolet Observations of Coronal Mass Ejection Impact on Comet 67P/Churyumov-Gerasimenko by Rosetta Alice. <i>Astronomical Journal</i> , 2018, 156, 16.	1.9	15
12	Size of a plasma cloud matters. <i>Astronomy and Astrophysics</i> , 2018, 616, A50.	2.1	26
13	A tail like no other. <i>Astronomy and Astrophysics</i> , 2018, 614, A10.	2.1	10
14	Energy conversion in cometary atmospheres. <i>Astronomy and Astrophysics</i> , 2018, 616, A81.	2.1	14
15	Energetic Particle Showers Over Mars from Comet C/2013 A1 Siding Spring. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8778-8796.	0.8	11
16	The Evolution of the Electron Number Density in the Coma of Comet 67P at the Location of Rosetta from 2015 November through 2016 March. <i>Astrophysical Journal</i> , 2019, 881, 6.	1.6	7
17	The Convective Electric Field Influence on the Cold Plasma and Diamagnetic Cavity of Comet 67P. <i>Astronomical Journal</i> , 2019, 158, 71.	1.9	7
18	Solar flares observed by Rosetta at comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A49.	2.1	4
19	Unusually high magnetic fields in the coma of 67P/Churyumov-Gerasimenko during its high-activity phase. <i>Astronomy and Astrophysics</i> , 2019, 630, A38.	2.1	10

#	ARTICLE	IF	CITATIONS
20	Dynamics of the CO ⁺ coma of comet 29P/Schwassmann-Wachmann 1. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5614-5620.	1.6	3
21	Estimating the solar wind pressure at comet 67P from Rosetta magnetic field measurements. Journal of Space Weather and Space Climate, 2019, 9, A3.	1.1	3
22	Plasma properties of suprathermal electrons near comet 67P/Churyumov-Gerasimenko with Rosetta. Astronomy and Astrophysics, 2019, 630, A42.	2.1	18
23	Small Bodies of the Solar System Active at Large Heliocentric Distances: Studies with the 6-Meter Telescope of Sao Ras. Astrophysical Bulletin, 2020, 75, 31-49.	0.3	2
25	Effects of solar flares and coronal mass ejections on Earth's horizontal magnetic field and solar wind parameters during the minimum solar cycle 24. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3812-3822.	1.6	5
26	Steepening of magnetosonic waves in the inner coma of comet 67P/Churyumov-Gerasimenko. Annales Geophysicae, 2021, 39, 721-742.	0.6	6
27	Remote sensing of cometary bow shocks: modelled asymmetric outgassing and pickup ion observations. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4735-4749.	1.6	7
28	Automated Multi-Dataset Analysis (AMDA): An on-line database and analysis tool for heliospheric and planetary plasma data. Planetary and Space Science, 2021, 201, 105214.	0.9	24
29	Cometary plasma science. Experimental Astronomy, 2022, 54, 1129-1167.	1.6	3
30	Electric field measurements at the plasma frequency around comet 67P by RPC-MIP on board Rosetta. Astronomy and Astrophysics, 2021, 652, A73.	2.1	4
31	Dynamic field line draping at comet 67P/Churyumov-Gerasimenko during the Rosetta dayside excursion. Astronomy and Astrophysics, 2019, 630, A44.	2.1	4
32	Achievements and Challenges in the Science of Space Weather. Space Sciences Series of ISSI, 2017, , 1-21.	0.0	1
33	Plasma Density and Magnetic Field Fluctuations in the Ion Gyro-Frequency Range Near the Diamagnetic Cavity of Comet 67P. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028592.	0.8	4
35	<i>Menura</i>: a code for simulating the interaction between a turbulent solar wind and solar system bodies. Annales Geophysicae, 2022, 40, 281-297.	0.6	2
36	Observations of Modulation of Ion flux in the Coma of Comet 67P/Churyumov-Gerasimenko. Geophysical Research Letters, 0, , .	1.5	0
37	Radial distribution of plasma at comet 67P. Astronomy and Astrophysics, 2022, 663, A42.	2.1	3
38	Observations of a Solar Energetic Particle Event From Inside and Outside the Coma of Comet 67P. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	2
39	The Plasma Environment of Comet 67P/Churyumov-Gerasimenko. Space Science Reviews, 2022, 218, .	3.7	11

#	ARTICLE	IF	CITATIONS
40	Solar Wind Protons in the Diamagnetic Cavity at Comet 67P/Churyumov-Gerasimenko. Journal of Geophysical Research: Space Physics, 2023, 128, .	0.8	1
42	. Space Science Reviews, 2024, Nowe nazwy potraw, napoj ³ w i produkt ³ w spo ^{1/4} ywczyc w polszczy ^o nie ^o “		