

Magnetosheath control of solar windâ€™magnetosphere

Journal of Geophysical Research: Space Physics

121, 8728-8739

DOI: [10.1002/2016ja023011](https://doi.org/10.1002/2016ja023011)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Interplay of solar wind parameters and physical mechanisms producing the saturation of the cross polar cap potential. <i>Geophysical Research Letters</i> , 2017, 44, 3019-3027.	1.5	9
2	Statistical study of the alteration of the magnetic structure of magnetic clouds in the Earth's magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2956-2972.	0.8	11
3	Achievements and Challenges in the Science of Space Weather. <i>Space Science Reviews</i> , 2017, 212, 1137-1157.	3.7	45
4	The Scientific Foundations of Forecasting Magnetospheric Space Weather. <i>Space Science Reviews</i> , 2017, 212, 1221-1252.	3.7	34
5	The Cross-Polar Cap Saturation in GUMICS-4 During High Solar Wind Driving. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3320-3332.	0.8	7
6	Interhemispheric Asymmetry in Response of Low-Latitude Ionosphere to Perturbation Electric Fields in the Main Phase of Geomagnetic Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7256-7282.	0.8	11
7	Diminishing activity of recent solar cycles (22-24) and their impact on geospace. <i>Journal of Space Weather and Space Climate</i> , 2019, 9, A1.	1.1	22
8	Plasma and Magnetic Field Turbulence in the Earth's Magnetosheath at Ion Scales. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 7, .	1.1	20
10	Physics of Space Weather Phenomena: A Review. <i>Geosciences (Switzerland)</i> , 2021, 11, 286.	1.0	10
11	The role of magnetospheric plasma in solar wind-magnetosphere coupling: A review. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 219, 105644.	0.6	7
12	Semi-annual, annual and Universal Time variations in the magnetosphere and in geomagnetic activity: 2. Response to solar wind power input and relationships with solar wind dynamic pressure and magnetospheric flux transport. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 30.	1.1	24
13	Saturation of the magnetosphere during superstorms: new results from the magnetogram inversion technique. <i>SolneĽno-zemnaĽ Fizika</i> , 2017, 3, 28-36.	0.2	9
14	Asymmetries in the Earth's dayside magnetosheath: results from global hybrid-Vlasov simulations. <i>Annales Geophysicae</i> , 2020, 38, 1045-1062.	0.6	8
15	Stormtime Energetics: Energy Transport Across the Magnetopause in a Global MHD Simulation. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	9
16	The Scientific Foundations of Forecasting Magnetospheric Space Weather. <i>Space Sciences Series of ISSI</i> , 2017, , 339-370.	0.0	1
17	Achievements and Challenges in the Science of Space Weather. <i>Space Sciences Series of ISSI</i> , 2017, , 1-21.	0.0	1
18	Saturation of the magnetosphere during superstorms: new results from magnetogram inversion technique. <i>SolneĽno-zemnaĽ Fizika</i> , 2017, 3, 15-19.	0.2	0
19	Statistics of geomagnetic storms: Global simulations perspective. <i>Frontiers in Astronomy and Space Sciences</i> , 0, 9, .	1.1	2

#	ARTICLE	IF	CITATIONS
20	A New Index to Describe the Response of Geomagnetic Disturbance to the Energy Injection from the Solar Wind. Universe, 2022, 8, 506.	0.9	1
21	Using ARMAX Models to Determine the Drivers of 40–150 keV GOES Electron Fluxes. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
22	Universal Time variations in the magnetosphere. Frontiers in Astronomy and Space Sciences, 0, 10, .	1.1	6