Публикации Сергеева В.А. за 2017-2021 годы

[1] Rumi Nakamura et al. “Multiscale Currents Observed by MMS in the Flow Braking Region”. In: Journal of Geophysical Research: Space Physics 123 (2 Feb. 2018), pp. 1260–1278. issn: 21699402. doi: 10.1002/2017JA024686.

[2] V. Sergeev et al. “Solar wind dependence of electric conductances and currents in the auroral zone”. In: Journal of Atmospheric and Solar-Terrestrial Physics 177 (Oct. 2018), pp. 38–45. issn: 13646826. doi: 10.1016/J.JASTP.2017.07.006.

[3] V. A. Sergeev et al. “Does a Local B-Minimum Appear in the Tail Current Sheet During a Substorm Growth Phase?” In: Geophysical Research Letters 45 (6 Mar. 2018), pp. 2566–2573. issn: 19448007. doi: 10.1002/2018GL077183.

[4] V. A. Sergeev et al. “Magnetotail Configuration During a Steady Convection Event as Observed by Low-Altitude and Magnetospheric Spacecraft”. In: Journal of Geophysical Research: Space Physics 123 (10 Oct. 2018), pp. 8390–8406. issn: 21699402. doi: 10.1029/2018JA025867.

[5] M. A. Shukhtina et al. “Diagnostics of Closed Magnetic Flux Depletion in the Near-Earth Magnetotail During the Substorm Growth Phase”. In: Journal of Geophysical Research: Space Physics 123 (10 Oct. 2018), pp. 8377–8389. issn: 21699402. doi: 10.1029/2018JA025979.

[6] V. A. Sergeev et al. “Substorm-Related Near-Earth Reconnection Surge: Combining Telescopic and Microscopic Views”. In: Geophysical Research Letters 46 (12 June 2019), pp. 6239–6247. issn: 19448007. doi: 10.1029/2019GL083057.

[7] V. Angelopoulos et al. “Correction to: The ELFIN Mission (Space Science Reviews, (2020), 216, 5, (103), 10.1007/s11214-020-00721-7)”. In: Space Science Reviews 216 (6 Sept. 2020). issn: 15729672. doi: 10.1007/S11214-020-00728-0.

[8] V. Sergeev et al. “On the source region and orientations of nightside auroral arcs”. In: Journal of Atmospheric and Solar-Terrestrial Physics 204 (Aug. 2020). issn: 13646826. doi: 10.1016/J.JASTP.2020.105288.

[9] V. A. Sergeev et al. “Toward the Reconstruction of Substorm-Related Dynamical Pattern of the Radiowave Auroral Absorption”. In: Space Weather 18 (3 Mar. 2020). issn: 15427390. doi: 10.1029/2019SW002385.

[10] V. A. Sergeev et al. “Manifestations of Magnetotail Flow Channels in Energetic Particle Signatures at Low-Altitude Orbit”. In: Geophysical Research Letters 48 (15 Aug. 2021). issn: 19448007. doi: 10.1029/2021GL093543.

[11] V. A. Sergeev et al. “MMS Observations of Reconnection Separatrix Region in the Magnetotail at Different Distances From the Active Neutral X-Line”. In: Journal of Geophysical Research: Space Physics 126 (2 Feb. 2021). issn: 21699402. doi: 10.1029/2020JA028694.

[12] N. A. Stepanov et al. “Ionospheric Electron Density and Conductance Changes in the Auroral Zone During Substorms”. In: Journal of Geophysical Research: Space Physics 126 (7 July 2021). issn: 21699402. doi: 10.1029/2021JA029572.

[13] N. A. Stepanov et al. “Superthermal Proton and Electron Fluxes in the Plasma Sheet Transition Region and Their Dependence on Solar Wind Parameters”. In: Journal of Geophysical Research: Space Physics 126 (4 Apr. 2021). issn: 21699402. doi: 10.1029/2020JA028580.

[14] S. Wellenzohn et al. “Remote Sensing of Magnetic Reconnection in the Magnetotail Using In Situ Multipoint Observations at the Plasma Sheet Boundary Layer”. In: Journal of Geophysical Research: Space Physics 126 (1 Jan. 2021). issn: 21699402. doi: 10.1029/2020JA028917.