

# M S Dolgonosov

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

176  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Universal properties of the nonadiabatic acceleration of ions in current sheets. JETP Letters, 2007, 85, 187-193.	1.4	49
2	Non-adiabatic Ion Acceleration in the Earth Magnetotail and Its Various Manifestations in the Plasma Sheet Boundary Layer. Space Science Reviews, 2011, 164, 133-181.	8.1	33
3	Influence of Trapped Plasma on the Structure of Collisionless Thin Current Sheets. Cosmic Research, 2002, 40, 357-366.	0.6	15
4	The academic Chibis-M microsatellite. Cosmic Research, 2014, 52, 87-98.	0.6	15
5	Effects of nonlinearity on the structure of PSBL beamlets. Geophysical Research Letters, 2006, 33, n/a-n/a.	4.0	13
6	Influence of the electric field perpendicular to the current sheet on ion beamlets in the magnetotail. Journal of Geophysical Research, 2010, 115, .	3.3	11
7	Transient properties of spatial structures in the plasma sheet boundary layer. Cosmic Research, 2007, 45, 535-543.	0.6	8
8	On the generation of ion beamlets in the magnetotail: Resonant acceleration versus stochastic acceleration. Journal of Geophysical Research: Space Physics, 2013, 118, 5445-5453.	2.4	8
9	Formation of trapped-ion population in the process of charging of an absorbing sphere in a collisionless plasma. Europhysics Letters, 2015, 111, 15001.	2.0	8
10	Ion trapping in the process of charging of an absorbing sphere in collisionless plasma. Doklady Physics, 2014, 59, 209-213.	0.7	4
11	Simulation of perturbation produced by an absorbing spherical body in collisionless plasma. Plasma Physics Reports, 2017, 43, 44-50.	0.9	4
12	Relativistic Runaway Electron Avalanches Within Complex Thunderstorm Electric Field Structures. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035278.	3.3	4
13	Scaling of the energy of ion beams in the low-altitude plasma sheet boundary layer. JETP Letters, 2012, 95, 234-238.	1.4	2
14	Spatial and Temporal Structures in the Vicinity of the Earth's Tail Magnetic Separatrix Cluster Observations. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 435-451.	0.3	2
15	Peculiarities of the non-adiabatic ion acceleration in the current sheet of the Earth magnetotail. , 2009, , .		0