

A T Michael

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8247347/publications.pdf>

Version: 2024-02-01

15
papers

191
citations

1040056

9
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermospheric Density Perturbations Produced by Traveling Atmospheric Disturbances During August 2005 Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	28
2	The Role of Diffuse Electron Precipitation in the Formation of Subauroral Polarization Streams. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	2.4	19
3	The Confinement of the Heliosheath Plasma by the Solar Magnetic Field as Revealed by Energetic Neutral Atom Simulations. <i>Astrophysical Journal Letters</i> , 2020, 895, L26.	8.3	17
4	Application of the Monte Carlo Method in Modeling Dusty Gas, Dust in Plasma, and Energetic Ions in Planetary, Magnetospheric, and Heliospheric Environments. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028242.	2.4	17
5	MMS Observations of the Multiscale Wave Structures and Parallel Electron Heating in the Vicinity of the Southern Exterior Cusp. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2019JA027698.	2.4	15
6	The Development of a Split-tail Heliosphere and the Role of Non-ideal Processes: A Comparison of the BU and Moscow Models. <i>Astrophysical Journal</i> , 2021, 923, 179.	4.5	14
7	MAGNETIC FLUX CONSERVATION IN THE HELIOSHEATH INCLUDING SOLAR CYCLE VARIATIONS OF MAGNETIC FIELD INTENSITY. <i>Astrophysical Journal Letters</i> , 2015, 803, L6.	8.3	13
8	Globally Distributed Energetic Neutral Atom Maps for the "Croissant" Heliosphere. <i>Astrophysical Journal</i> , 2018, 865, 84.	4.5	12
9	Modeling Kelvin-Helmholtz Instability at the High-Latitude Boundary Layer in a Global Magnetosphere Simulation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094002.	4.0	12
10	Can Earth's Magnetotail Plasma Sheet Produce a Source of Relativistic Electrons for the Radiation Belts?. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095495.	4.0	11
11	Consequences of Treating the Solar Magnetic Field as a Dipole on the Global Structure of the Heliosphere and Heliosheath. <i>Astrophysical Journal</i> , 2018, 860, 171.	4.5	10
12	The Impact of Kinetic Neutrals on the Heliotail. <i>Astrophysical Journal</i> , 2021, 906, 37.	4.5	9
13	The Solar Wind with Hydrogen Ion Exchange and Large-scale Dynamics (SHIELD) Code: A Self-consistent Kinetic "Magnetohydrodynamic" Model of the Outer Heliosphere. <i>Astrophysical Journal</i> , 2022, 924, 105.	4.5	6
14	Investigating the Link Between Outer Radiation Belt Losses and Energetic Electron Escape at the Magnetopause: A Case Study Using Multi-Mission Observations and Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029261.	2.4	2
15	The Structure of the Cusp Diamagnetic Cavity and Test Particle Energization in the GAMERA Global MHD Simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	2.4	2