

T V Brito

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3607866/publications.pdf>

Version: 2024-02-01

15
papers

411
citations

1040056

9
h-index

1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Measures of Model Performance Based On the Log Accuracy Ratio. <i>Space Weather</i> , 2018, 16, 69-88.	3.7	168
2	Vlasov methods in space physics and astrophysics. <i>Living Reviews in Solar Physics</i> , 2018, 4, 1.	11.4	94
3	Foreshock Properties at Typical and Enhanced Interplanetary Magnetic Field Strengths: Results From Hybrid-Vlasov Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5476-5493.	2.4	30
4	FORESAIL - A CubeSat Mission to Measure Radiation Belt Losses and Demonstrate Deorbiting. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5783-5799.	2.4	23
5	Improving Empirical Magnetic Field Models by Fitting to In Situ Data Using an Optimized Parameter Approach. <i>Space Weather</i> , 2017, 15, 1628-1648.	3.7	18
6	First Observations of the Disruption of the Earth's Foreshock Wave Field During Magnetic Clouds. <i>Geophysical Research Letters</i> , 2019, 46, 12644-12653.	4.0	15
7	A possible source mechanism for magnetotail current sheet flapping. <i>Annales Geophysicae</i> , 2018, 36, 1027-1035.	1.6	12
8	Hybrid-Vlasov modelling of nightside auroral proton precipitation during southward interplanetary magnetic field conditions. <i>Annales Geophysicae</i> , 2019, 37, 791-806.	1.6	11
9	Driving of Outer Belt Electron Loss by Solar Wind Dynamic Pressure Structures: Analysis of Balloon and Satellite Data. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028097.	2.4	10
10	Non-locality of Earth's quasi-parallel bow shock: injection of thermal protons in a hybrid-Vlasov simulation. <i>Annales Geophysicae</i> , 2020, 38, 625-643.	1.6	10
11	Ultralow frequency-wave induced losses. , 2020, , 29-48.		6
12	Helium in the Earth's foreshock: a global Vlasov survey. <i>Annales Geophysicae</i> , 2020, 38, 1081-1099.	1.6	6
13	Particle tracing modeling of ion fluxes at geosynchronous orbit. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 177, 131-140.	1.6	3
14	Vlasov simulation of electrons in the context of hybrid global models: an eVlasov approach. <i>Annales Geophysicae</i> , 2021, 39, 85-103.	1.6	3
15	TRABALHO, DOCÊNCIA E PRECARIZAÇÃO. <i>Trabalho & Educação - ISSN 1516-9537 / E-ISSN 2238-037X</i> , 2019, 28, 161-178.	0.1	1