

T V Brito

List of Publications by Year in descending order

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15
papers

411
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1040056

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672
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Vlasov simulation of electrons in the context of hybrid global models: an eVlasiator approach. <i>Annales Geophysicae</i> , 2021, 39, 85-103. | 1.6 | 3 |
| 2 | Ultralow frequency-wave induced losses. , 2020, , 29-48. | | 6 |
| 3 | 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 |
| 4 | Helium in the Earth's foreshock: a global Vlasiator survey. <i>Annales Geophysicae</i> , 2020, 38, 1081-1099. | 1.6 | 6 |
| 5 | 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 |
| 6 | 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 |
| 7 | FORESAIL – 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 |
| 8 | 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 |
| 9 | TRABALHO, DOCÊNCIA E PRECARIZAÇÃO. <i>Trabalho & Educação</i> - ISSN 1516-9537 / E-ISSN 2238-037X, 2019, 28, 161-178. | 0.1 | 1 |
| 10 | Measures of Model Performance Based On the Log Accuracy Ratio. <i>Space Weather</i> , 2018, 16, 69-88. | 3.7 | 168 |
| 11 | 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 |
| 12 | A possible source mechanism for magnetotail current sheet flapping. <i>Annales Geophysicae</i> , 2018, 36, 1027-1035. | 1.6 | 12 |
| 13 | 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 |
| 14 | Vlasov methods in space physics and astrophysics. <i>Living Reviews in Solar Physics</i> , 2018, 4, 1. | 11.4 | 94 |
| 15 | 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 |