

Livia Alves

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

228
citations

1040056

9
h-index

1058476

14
g-index

23
all docs

23
docs citations

23
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of geomagnetically induced currents at a low-latitude region over the solar cycles 23 and 24: comparison between measurements and calculations. <i>Journal of Space Weather and Space Climate</i> , 2015, 5, A35.	3.3	37
2	Outer radiation belt dropout dynamics following the arrival of two interplanetary coronal mass ejections. <i>Geophysical Research Letters</i> , 2016, 43, 978-987.	4.0	26
3	The Embrace Magnetometer Network for South America: Network Description and Its Qualification. <i>Radio Science</i> , 2018, 53, 288-302.	1.6	21
4	Contribution of ULF Wave Activity to the Global Recovery of the Outer Radiation Belt During the Passage of a High-Speed Solar Wind Stream Observed in September 2014. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1660-1678.	2.4	14
5	Effects of Ionospheric Conductivity and Ground Conductance on Geomagnetically Induced Currents During Geomagnetic Storms: Case Studies at Low-Latitude and Equatorial Regions. <i>Space Weather</i> , 2019, 17, 252-268.	3.7	13
6	THE INITIAL STEPS FOR DEVELOPING THE SOUTH AMERICAN K INDEX FROM THE EMBRACE MAGNETOMETER NETWORK. <i>Revista Brasileira De Geofisica</i> , 2015, 33, 79.	0.2	13
7	The Tsallis statistical distribution applied to geomagnetically induced currents. <i>Space Weather</i> , 2017, 15, 1094-1101.	3.7	12
8	The Embrace Magnetometer Network for South America: First Scientific Results. <i>Radio Science</i> , 2018, 53, 379-393.	1.6	12
9	Acceleration of radiation belt electrons and the role of the average interplanetary magnetic field B_z component in high-speed streams. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,084.	2.4	11
10	High-Energy Electron Flux Enhancement Pattern in the Outer Radiation Belt in Response to the Alfvénic Fluctuations Within High-Speed Solar Wind Stream: A Statistical Analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029363.	2.4	10
11	Dynamic Mechanisms Associated With High-Energy Electron Flux Dropout in the Earth's Outer Radiation Belt Under the Influence of a Coronal Mass Ejection Sheath Region. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	2.4	9
12	On the Contribution of EMIC Waves to the Reconfiguration of the Relativistic Electron Butterfly Pitch Angle Distribution Shape on 2014 September 12: A Case Study*. <i>Astrophysical Journal</i> , 2019, 872, 36.	4.5	8
13	The Role of Solar Wind Structures in the Generation of ULF Waves in the Inner Magnetosphere. <i>Solar Physics</i> , 2017, 292, 1.	2.5	7
14	Effect of a huge crustal conductivity anomaly on the H-component of geomagnetic variations recorded in central South America. <i>Earth, Planets and Space</i> , 2017, 69, .	2.5	6
15	Evaluation of possible corrosion enhancement due to telluric currents: case study of the Bolivia-Brazil pipeline. <i>Annales Geophysicae</i> , 2020, 38, 881-888.	1.6	6
16	A neural network approach for identifying particle pitch angle distributions in Van Allen Probes data. <i>Space Weather</i> , 2016, 14, 275-284.	3.7	5
17	A Global Magnetohydrodynamic Simulation Study of Ultra-low-frequency Wave Activity in the Inner Magnetosphere: Corotating Interaction Region + Alfvénic Fluctuations. <i>Astrophysical Journal</i> , 2019, 886, 59.	4.5	5
18	Classification of Magnetospheric Particle Distributions Via Neural Networks. , 2018, , 329-353.		4

#	ARTICLE	IF	CITATIONS
19	Latitudinal variation of Pc3&Pc5 geomagnetic pulsation amplitude across the dip equator in central South America. <i>Annales Geophysicae</i> , 2020, 38, 35-49.	1.6	4
20	Comparison of geophysical patterns in the southern hemisphere mid-latitude region. <i>Advances in Space Research</i> , 2016, 58, 2090-2103.	2.6	3
21	Preliminary design of the INPE's Solar Vector Magnetograph. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 195-199.	0.0	1
22	Electromagnetic Ion Cyclotron Waves Pattern Recognition Based on a Deep Learning Technique: Bag-of-Features Algorithm Applied to Spectrograms. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 13.	7.7	1
23	The Role of Solar Wind Structures in the Generation of ULF Waves in the Inner Magnetosphere. , 2017, , 653-667.		0