Mr Da Silva

List of Publications by Year
in descending order

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37 papers	478 citations	687363 13 h-index	713466 21 g-index
38 all docs	38 docs citations	38 times ranked	557 citing authors

#	Article	IF	Citations
1	Dynamic Mechanisms Associated With Highâ€Energy Electron Flux Dropout in the Earth's Outer Radiation Belt Under the Influence of a Coronal Mass Ejection Sheath Region. Journal of Geophysical Research: Space Physics, 2021, 126, .	2.4	9
2	A Peculiar ICME Event in August 2018 Observed With the Global Muon Detector Network. Space Weather, 2021, 19, e2020SW002531.	3.7	7
3	Highâ€Energy Electron Flux Enhancement Pattern in the Outer Radiation Belt in Response to the AlfvÃ©nic Fluctuations Within Highâ€Speed Solar Wind Stream: A Statistical Analysis. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029363.	2.4	10
4	Electromagnetic Ion Cyclotron Waves Pattern Recognition Based on a Deep Learning Technique: Bag-of-Features Algorithm Applied to Spectrograms. Astrophysical Journal, Supplement Series, 2020, 249, 13.	7.7	1
5	Analysis of Cosmic Rays' Atmospheric Effects and Their Relationships to Cutoff Rigidity and Zenith Angle Using Global Muon Detector Network Data. Journal of Geophysical Research: Space Physics, 2019, 124, 9791-9813.	2.4	8
6	Contribution of ULF Wave Activity to the Global Recovery of the Outer Radiation Belt During the Passage of a Highâ€Speed Solar Wind Stream Observed in September 2014. Journal of Geophysical Research: Space Physics, 2019, 124, 1660-1678.	2.4	14
7	On the Contribution of EMIC Waves to the Reconfiguration of the Relativistic Electron Butterfly Pitch Angle Distribution Shape on 2014 September 12â€"A Case Study*. Astrophysical Journal, 2019, 872, 36.	4.5	8
8	Cosmic-Ray Short Burst Observed with the Global Muon Detector Network (GMDN) on 2015 June 22. Astrophysical Journal, 2018, 862, 170.	4.5	10
9	The Role of Solar Wind Structures in the Generation of ULF Waves in the Inner Magnetosphere. Solar Physics, 2017, 292, 1.	2.5	7
10	Effects of ICMEs on High Energetic Particles as Observed by the Global Muon Detector Network (GMDN). Proceedings of the International Astronomical Union, 2017, 13, 69-74.	0.0	1
11	Acceleration of radiation belt electrons and the role of the average interplanetary magnetic field B_z component in highâ€speed streams. Journal of Geophysical Research: Space Physics, 2017, 122, 10,084.	2.4	11
12	A neural network approach for identifying particle pitch angle distributions in Van Allen Probes data. Space Weather, 2016, 14, 275-284.	3.7	5
13	Outer radiation belt dropout dynamics following the arrival of two interplanetary coronal mass ejections. Geophysical Research Letters, 2016, 43, 978-987.	4.0	26
14	AVERAGE SPATIAL DISTRIBUTION OF COSMIC RAYS BEHIND THE INTERPLANETARY SHOCKâ€"GLOBAL MUON DETECTOR NETWORK OBSERVATIONS. Astrophysical Journal, 2016, 825, 100.	4.5	6
15	THE TEMPERATURE EFFECT IN SECONDARY COSMIC RAYS (MUONS) OBSERVED AT THE GROUND: ANALYSIS OF THE GLOBAL MUON DETECTOR NETWORK DATA. Astrophysical Journal, 2016, 830, 88.	4.5	30
16	Deriving the solar activity cycle modulation on cosmic ray intensity observed by Nagoya muon detector from October 1970 until December 2012. Proceedings of the International Astronomical Union, 2016, 12, 130-133.	0.0	2
17	Comparison of geophysical patterns in the southern hemisphere mid-latitude region. Advances in Space Research, 2016, 58, 2090-2103.	2.6	3
18	The spatial density gradient of galactic cosmic rays and its solar cycle variation observed with the Global Muon Detector Network. Earth, Planets and Space, 2014, 66, .	2.5	8

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19	Global Muon Detector Network Used for Space Weather Applications. Space Science Reviews, 2014, 182, 1-18.	8.1	22
20	CME dynamics using coronagraph and interplanetary ejecta data. Advances in Space Research, 2013, 51, 1942-1948.	2.6	2
21	Near 13.5-day periodicity in Muon Detector data during late 2001 and early 2002. Advances in Space Research, 2012, 49, 1615-1622.	2.6	7
22	Geomagnetic storm's precursors observed from 2001 to 2007 with the Global Muon Detector Network (GMDN). Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	17
23	PRECURSORS OF THE FORBUSH DECREASE ON 2006 DECEMBER 14 OBSERVED WITH THE GLOBAL MUON DETECTOR NETWORK (GMDN). Astrophysical Journal, 2010, 715, 1239-1247.	4.5	23
24	Determination of interplanetary coronal mass ejection geometry and orientation from groundâ€based observations of galactic cosmic rays. Journal of Geophysical Research, 2009, 114, .	3.3	41
25	Drift Effects and the Cosmic Ray Density Gradient in a Solar Rotation Period: First Observation with the Global Muon Detector Network (GMDN). Astrophysical Journal, 2008, 681, 693-707.	4.5	40
26	Multitaper spectral analysis of cosmic rays SÃ£o Martinho da Serra's muon telescope and Newark's neutron monitor data. Revista Brasileira De Geofisica, 2007, 25, 163-167.	0.2	4
27	Analysis of geomagnetic storm variations and count-rate of cosmic ray muons recorded at the Brazilian southern space observatory. Revista Brasileira De Geofisica, 2007, 25, 159-162.	0.2	1
28	Muon and neutron observations in connection with the corotating interaction regions. Advances in Space Research, 2007, 40, 348-352.	2.6	4
29	Energy balance during intense and super-intense magnetic storms using an Akasofu Îµ parameter corrected by the solar wind dynamic pressure. Journal of Atmospheric and Solar-Terrestrial Physics, 2007, 69, 1851-1863.	1.6	15
30	The 17â€“22 October (1999) solar-interplanetary-geomagnetic event: Very intense geomagnetic storm associated with a pressure balance between interplanetary coronal mass ejection and a high-speed stream. Journal of Geophysical Research, 2006, 111, .	3.3	27
31	Real-time cosmic ray monitoring system for space weather. Space Weather, 2006, 4, n/a-n/a.	3.7	32
32	CME-geometry and cosmic-ray anisotropy observed by a prototype muon detector network. Advances in Space Research, 2005, 36, 2357-2362.	2.6	11
33	AnÃ¡lise de tempestades geomagnÃ©ticas super intensas e de estruturas do meio interplanetÃ¡rio relacionadas, atravÃ©s da observaÃ§Ã£o de raios cÃ³smicos de superfÃcie de alta energia. Revista Brasileira De Geofisica, 2005, 23, .	0.2	2
34	Great geomagnetic storms in the rise and maximum of solar cycle 23. Brazilian Journal of Physics, 2004, 34, 1542-1546.	1.4	17
35	Cosmic Ray Muon Observation at Southern Space Observatoryâ€”SSO (29Â°S, 53Â°W). Astrophysics and Space Science, 2004, 290, 389-397.	1.4	12
36	Geometry of an interplanetary CME on October 29, 2003 deduced from cosmic rays. Geophysical Research Letters, 2004, 31, .	4.0	35

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37	Forbush decreases on November 6-12, 2004 observed by the Muon Detector Network. Revista Brasileira De Geofisica, 0, 25, 169-173.	0.2	0