

Diego Barros

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

263
citations

1163117

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h-index

940533

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g-index

17
all docs

17
docs citations

17
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Equatorial plasma bubble seeding by MSTIDs in the ionosphere. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	48
2	Characteristics of equatorial plasma bubbles observed by TEC map based on ground-based GNSS receivers over South America. <i>Annales Geophysicae</i> , 2018, 36, 91-100.	1.6	38
3	Large-scale traveling ionospheric disturbances observed by GPS dTEC maps over North and South America on Saint Patrick's Day storm in 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4755-4763.	2.4	37
4	Medium-scale Traveling Ionospheric Disturbances Observed by Detrended Total Electron Content Maps Over Brazil. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2215-2227.	2.4	34
5	Investigation of Nighttime MSTIDS Observed by Optical Thermosphere Imagers at Low Latitudes: Morphology, Propagation Direction, and Wind Filtering. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7843-7857.	2.4	25
6	The Impact of the Disturbed Electric Field in the Sporadic E (Es) Layer Development Over Brazilian Region. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028598.	2.4	13
7	Equatorial Plasma Bubble Occurrence Under Propagation of MSTID and MLT Gravity Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027566.	2.4	10
8	Effects of the midnight temperature maximum observed in the thermosphere-ionosphere over the northeast of Brazil. <i>Annales Geophysicae</i> , 2017, 35, 953-963.	1.6	9
9	Morphological Features of Ionospheric Scintillations During High Solar Activity Using GPS Observations Over the South American Sector. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, .	2.4	7
10	Atmospheric Gravity Waves Observed in the Nightglow Following the 21 August 2017 Total Solar Eclipse. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088924.	4.0	7
11	Multi-instrument study of longitudinal wave structures for plasma bubble seeding in the equatorial ionosphere. <i>Earth and Planetary Physics</i> , 2021, 5, 1-10.	1.1	7
12	On developing a new ionospheric plasma index for Brazilian equatorial F region irregularities. <i>Annales Geophysicae</i> , 2019, 37, 807-818.	1.6	6
13	A multi-instrumental and modeling analysis of the ionospheric responses to the solar eclipse on 14 December 2020 over the Brazilian region. <i>Annales Geophysicae</i> , 2022, 40, 191-203.	1.6	6
14	Asymmetric Development of Equatorial Plasma Bubbles Observed at Geomagnetically Conjugate Points Over the Brazilian Sector. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	6
15	Long-Term Study on Medium-Scale Traveling Ionospheric Disturbances Observed over the South American Equatorial Region. <i>Atmosphere</i> , 2021, 12, 1409.	2.3	5
16	Case Studies on Concentric Gravity Waves Source Using Lightning Flash Rate, Brightness Temperature and Backward Ray Tracing at São Martinho da Serra (29.44°S, 53.82°W). <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034527.	3.3	4