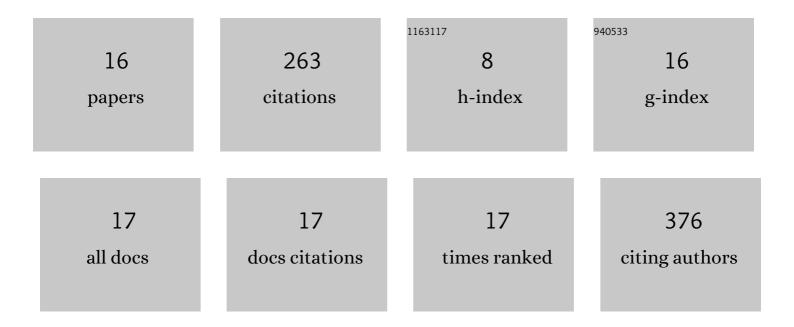
Diego Barros

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Equatorial plasma bubble seeding by MSTIDs in the ionosphere. Progress in Earth and Planetary Science, 2018, 5, .	3.0	48
2	Characteristics of equatorial plasma bubbles observed by TEC map based on ground-based GNSS receivers over South America. Annales Geophysicae, 2018, 36, 91-100.	1.6	38
3	Largeâ€scale traveling ionospheric disturbances observed by GPS dTEC maps over North and South America on Saint Patrick's Day storm in 2015. Journal of Geophysical Research: Space Physics, 2017, 122, 4755-4763.	2.4	37
4	Medium‣cale Traveling Ionospheric Disturbances Observed by Detrended Total Electron Content Maps Over Brazil. Journal of Geophysical Research: Space Physics, 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. Journal of Geophysical Research: Space Physics, 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. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028598.	2.4	13
7	Equatorial Plasma Bubble Occurrence Under Propagation of MSTID and MLT Gravity Waves. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027566.	2.4	10
8	Effects of the midnight temperature maximum observed in the thermosphere–ionosphere over the northeast of Brazil. Annales Geophysicae, 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. Journal of Geophysical Research: Space Physics, 2020, 125, .	2.4	7
10	Atmospheric Gravity Waves Observed in the Nightglow Following the 21 August 2017 Total Solar Eclipse. Geophysical Research Letters, 2020, 47, e2020GL088924.	4.0	7
11	Multi-instrument study of longitudinal wave structures for plasma bubble seeding in the equatorial ionosphere. Earth and Planetary Physics, 2021, 5, 1-10.	1.1	7
12	On developing a new ionospheric plasma index for Brazilian equatorial F region irregularities. Annales Geophysicae, 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. Annales Geophysicae, 2022, 40, 191-203.	1.6	6
14	Asymmetric Development of Equatorial Plasma Bubbles Observed at Geomagnetically Conjugate Points Over the Brazilian Sector. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	6
15	Long-Term Study on Medium-Scale Traveling Ionospheric Disturbances Observed over the South American Equatorial Region. Atmosphere, 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). Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034527.	3.3	4