Igo Paulino

List of Publications by Year
in descending order

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34	361	933447	839539
papers	citations	10	18
		h-index	g-index

56	56	56	392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasma bubble monitoring by TEC map and 630nm airglow image. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 130-131, 151-158.	1.6	43
2	Periodic waves in the lower thermosphere observed by OI630â€¯nm airglow images. Annales Geophysicae, 2016, 34, 293-301.	1.6	42
3	Equatorial ionosphere bottomâ€type spread F observed by OI 630.0 nm airglow imaging. Geophysical Research Letters, 2010, 37, .	4.0	27
4	Midnight reversal of ionospheric plasma bubble eastward velocity to westward velocity during geomagnetically quiettime: Climatology and its model validation. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1520-1528.	1.6	23
5	Mesospheric gravity waves and ionospheric plasma bubbles observed during the COPEX campaign. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1575-1580.	1.6	22
6	Plasma bubble zonal drift characteristics observed by airglow images over Brazilian tropical region. Revista Brasileira De Geofisica, 2011, 29, 239-246.	0.2	20
7	Optical observations of plasma bubble westward drifts over Brazilian tropical region. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 521-527.	1.6	17
8	Intrinsic parameters of periodic waves observed in the OI6300 airglow layer over the Brazilian equatorial region. Annales Geophysicae, 2018, 36, 265-273.	1.6	16
9	Forward ray-tracing for medium-scale gravity waves observed during the COPEX campaign. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 90-91, 117-123.	1.6	12
10	Seasonal characteristics of small- and medium-scale gravity waves in the mesosphere and lower thermosphere over the Brazilian equatorial region. Annales Geophysicae, 2018, 36, 899-914.	1.6	11
11	Seasonal variation of plasma bubbles during solar cycle 23â€“24 over the Brazilian equatorial region. Advances in Space Research, 2019, 64, 1365-1374.	2.6	11
12	Mesospheric gravity wave characteristics and identification of their sources around spring equinox over Indian low latitudes. Atmospheric Measurement Techniques, 2016, 9, 93-102.	3.1	10
13	Equatorial Plasma Bubble Occurrence Under Propagation of MSTID and MLT Gravity Waves. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027566.	2.4	10
14	Effects of the midnight temperature maximum observed in the thermosphereâ€“ionosphere over the northeast of Brazil. Annales Geophysicae, 2017, 35, 953-963.	1.6	9
15	Multi-instrument investigation of troposphere-ionosphere coupling and the role of gravity waves in the formation of equatorial plasma bubble. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 189, 65-79.	1.6	9
16	Twin mesospheric bores observed over Brazilian equatorial region. Annales Geophysicae, 2016, 34, 91-96.	1.6	8
17	Determination of gravity wave parameters in the airglow combining photometer and imager data. Annales Geophysicae, 2018, 36, 705-715.	1.6	8
18	Case study of mesospheric front dissipation observed over the northeast of Brazil. Annales Geophysicae, 2018, 36, 311-319.	1.6	8

#	Article	IF	Citations
19	Mesospheric front observations by the OH airglow imager carried out at Ferraz Station on King George Island, Antarctic Peninsula, in 2011. Annales Geophysicae, 2018, 36, 253-264.	1.6	8
20	Lunar tides in total electron content over Brazil. Journal of Geophysical Research: Space Physics, 2017, 122, 7519-7529.	2.4	7
21	Atmospheric Gravity Waves Observed in the Nightglow Following the 21 August 2017 Total Solar Eclipse. Geophysical Research Letters, 2020, 47, e2020GL088924.	4.0	7
22	OBSERVATIONS OF SMALL-SCALE GRAVITY WAVES IN THE EQUATORIAL UPPER MESOSPHERE. Revista Brasileira De Geofisica, 2017, 34, .	0.2	6
23	Evaluation of possible corrosion enhancement due to telluric currents: case study of the Boliviaâ€“Brazil pipeline. Annales Geophysicae, 2020, 38, 881-888.	1.6	6
24	Case study of convective instability observed in airglow images over the Northeast of Brazil. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 154, 33-42.	1.6	4
25	Case Studies on Concentric Gravity Waves Source Using Lightning Flash Rate, Brightness Temperature and Backward Ray Tracing at SÃ£o Martinho da Serra (29.44Â°S, 53.82Â°W). Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034527.	3.3	4
26	Investigation of sources of gravity waves observed in the Brazilian equatorial region on 8ÂApril 2005. Annales Geophysicae, 2020, 38, 507-516.	1.6	4
27	Semimonthly oscillation observed in the start times of equatorial plasma bubbles. Annales Geophysicae, 2020, 38, 437-443.	1.6	3
28	Comportamento sazonal da ocorrÃªncia de bolhas de plasma na regiÃ£o tropical do Brasil observado pelo imageamento do airglow na emissÃ£o do OI 630,0 nm. Revista Brasileira De Geofisica, 2007, 25, .	0.2	1
29	Diurnal mesospheric tidal winds observed simultaneously by meteor radars in Costa Rica (10Â°â€‰N, 86Â°â€‰W) and Brazil (7Â°â€‰S, 37Â°â€‰W). Annales Geophysicae, 2020, 38, 1247-1256.	1.6	1
30	Influence of the semidiurnal lunar tide in the equatorial plasma bubble zonal drifts over Brazil. Annales Geophysicae, 2021, 39, 1005-1012.	1.6	1
31	Variability of the lunar semidiurnal tidal amplitudes in the ionosphere over Brazil. Annales Geophysicae, 2021, 39, 151-164.	1.6	0
32	Mesosphereâ€“Ionosphere Coupling Processes Observed in the F Layer Bottom-Side Oscillation. , 2011, , 163-175.		0
33	LONGITUDINAL AND DAY-TO-DAY VARIATIONS OF EQUATORIAL SPREAD F OCCURRENCE FROM OBSERVATIONS OVER SOUTH AMERICA. Revista Brasileira De Geofisica, 2017, 35, .	0.2	0
34	Long-term Observation of Nighttime Clouds over SÃ£o JoÃ£o do Cariri (7.4Âº S, 36.5Âº W). Journal of Environmental Science and Engineering - A, 2017, 6, .	0.2	0