

Inez Batista

List of Publications by Year in descending order

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217
papers

7,085
citations

53939

47
h-index

97045

71
g-index

230
all docs

230
docs citations

230
times ranked

2134
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of intermediate layers to geomagnetic activity during the 2009 deep solar minimum over the Brazilian low-latitude sector. <i>Annales Geophysicae</i> , 2022, 40, 259-269.	0.6	4
2	Disconnection and Reconnection in Plasma Bubbles Observed by OI 630Ånm Airglow Images From Cariri Observatory. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
3	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.	0.8	13
4	Variability of the lunar semidiurnal tidal amplitudes in the ionosphere over Brazil. <i>Annales Geophysicae</i> , 2021, 39, 151-164.	0.6	0
5	Observation of Postsunset OI 135.6Ånm Radiance Enhancement Over South America by the GOLD Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028108.	0.8	28
6	F Region Electric Field Effects on the Intermediate Layer Dynamics During the Evening Prereversal Enhancement at Equatorial Region Over Brazil. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028429.	0.8	4
7	A coupled model of the D and E regions of Mars' ionosphere for flare and non-flare electron density profiles. <i>Icarus</i> , 2021, 361, 114403.	1.1	9
8	New Findings of the Sporadic E (Es) Layer Development Around the Magnetic Equator During a High-speed Solar (HSS) Wind Stream Event. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029416.	0.8	7
9	Modeling and causative mechanism of OI 630.0Ånm nightglow emission over Cachoeira Paulista (22.7oS), Tj ETQq1.2 0.784314 rgBT	1.1	14
10	Variability of the equatorial ionosphere induced by nonlinear interaction between an ultrafast Kelvin wave and the diurnal tide. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 208, 105397.	0.6	1
11	Why Do Equatorial Plasma Bubbles Bifurcate?. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028609.	0.8	6
12	Some Differences in the Dynamics of the Intermediate Descending Layers Observed During Periods of Maximum and Minimum Solar Flux. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027682.	0.8	10
13	Further complexities on the pre-reversal vertical drift modeling over the Brazilian region: A comparison between long-term observations and model results. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 20.	1.1	6
14	Atmospheric Gravity Waves Observed in the Nightglow Following the 21 August 2017 Total Solar Eclipse. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088924.	1.5	7
15	The Influence of Disturbance Dynamo Electric Field in the Formation of Strong Sporadic E Layers Over Boa Vista, a Low-Latitude Station in the American Sector. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027519.	0.8	19
16	Semimonthly oscillation observed in the start times of equatorial plasma bubbles. <i>Annales Geophysicae</i> , 2020, 38, 437-443.	0.6	3
17	Postmidnight equatorial plasma irregularities on the June solstice during low solar activity – a case study. <i>Annales Geophysicae</i> , 2019, 37, 657-672.	0.6	3
18	Superfountain Effect Linked With 17 March 2015 Geomagnetic Storm Manifesting Distinct F 3 Layer. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6127-6137.	0.8	10

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19	Ionospheric Response to Disturbed Winds During the 29 October 2003 Geomagnetic Storm in the Brazilian Sector. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9405-9419.	0.8	9
20	MELISSA: System description and spectral features of pre- and post-midnight F region echoes. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10482-10496.	0.8	3
21	Ionospheric irregularity behavior during the September 6-10, 2017 magnetic storm over Brazilian equatorial-low latitudes. <i>Earth, Planets and Space</i> , 2019, 71, .	0.9	34
22	Climatology of intermediate descending layers (or 150-km echoes) over the equatorial and low-latitude regions of Brazil during the deep solar minimum of 2009. <i>Annales Geophysicae</i> , 2019, 37, 1005-1024.	0.6	12
23	The influence of tidal winds in the formation of blanketing sporadic e-layer over equatorial Brazilian region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 171, 64-71.	0.6	26
24	Response of the total electron content at Brazilian low latitudes to corotating interaction region and high-speed streams during solar minimum 2008. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	10
25	Wavenumber-4 structures observed in the low-latitude ionosphere during low and high solar activity periods using FORMOSAT/COSMIC observations. <i>Annales Geophysicae</i> , 2018, 36, 459-471.	0.6	11
26	Study of sporadic E layers based on GPS radio occultation measurements and digisonde data over the Brazilian region. <i>Annales Geophysicae</i> , 2018, 36, 587-593.	0.6	28
27	Impact of disturbance electric fields in the evening on prereversal vertical drift and spread F developments in the equatorial ionosphere. <i>Annales Geophysicae</i> , 2018, 36, 609-620.	0.6	15
28	F_2 layer development during quiet and disturbed periods as observed at conjugate locations in Brazil: The role of the meridional wind. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2361-2373.	0.8	20
29	Equatorial electrojet responses to intense solar flares under geomagnetic disturbance time electric fields. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3570-3585.	0.8	18
30	Ionospheric F-region observations over American sector during an intense space weather event using multi-instruments. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 156, 1-14.	0.6	21
31	Observed effects in the equatorial and low-latitude ionosphere in the South American and African sectors during the 2012 minor sudden stratospheric warming. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 157-158, 78-89.	0.6	10
32	Lunar tides in total electron content over Brazil. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7519-7529.	0.8	7
33	Electrodynamic disturbances in the Brazilian equatorial and low-latitude ionosphere on St. Patrick's Day storm of 17 March 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4553-4570.	0.8	57
34	A scheme for forecasting severe space weather. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2824-2835.	0.8	28
35	Ionospheric response to the 2006 sudden stratospheric warming event over the equatorial and low latitudes in the Brazilian sector using GPS observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 154, 92-103.	0.6	10
36	An Investigation of the Ionospheric Disturbances Due to the 2014 Sudden Stratospheric Warming Events Over Brazilian Sector. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,698.	0.8	15

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37	Equatorial Ionospheric Response to Different Estimated Disturbed Electric Fields as Investigated Using Sheffield University Plasmasphere Ionosphere Model at INPE. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,511.	0.8	6
38	Equatorial E Region Electric Fields and Sporadic E Layer Responses to the Recovery Phase of the November 2004 Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,517.	0.8	17
39	Spread F modeling over Brazil. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 161, 98-104.	0.6	2
40	Automatic selection of Dst storms and their seasonal variations in two versions of Dst in 50 years. <i>Earth, Planets and Space</i> , 2017, 69, .	0.9	11
41	Effects of the midnight temperature maximum observed in the thermosphere-ionosphere over the northeast of Brazil. <i>Annales Geophysicae</i> , 2017, 35, 953-963.	0.6	9
42	Unusual behavior of quiet-time zonal and vertical plasma drift velocities over Jicamarca during the recent extended solar minimum of 2008. <i>Annales Geophysicae</i> , 2017, 35, 1219-1229.	0.6	3
43	A Simple Data Assimilation Criterion to be Used by a Physical Model. , 2017, , .		0
44	Wave structures observed in the equatorial F-region plasma density and temperature during the sunset period. <i>Advances in Space Research</i> , 2016, 58, 2043-2051.	1.2	3
45	Flare X-ray photochemistry of the E region ionosphere of Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6870-6888.	0.8	11
46	Disturbance zonal and vertical plasma drifts in the Peruvian sector during solar minimum phases. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2503-2521.	0.8	21
47	Storm time equatorial plasma bubble zonal drift reversal due to disturbance Hall electric field over the Brazilian region. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5594-5612.	0.8	25
48	Contrasting behavior of the F 2 peak and the topside ionosphere in response to the 2 October 2013 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,549-10,563.	0.8	20
49	A new parameter of geomagnetic storms for the severity of space weather. <i>Geoscience Letters</i> , 2016, 3, .	1.3	16
50	Effects of the intense geomagnetic storm of September-October 2012 on the equatorial, low- and mid-latitude F region in the American and African sector during the unusual 24th solar cycle. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 138-139, 93-105.	0.6	22
51	Low latitude ionospheric variability during solar minimum 2008: Impact of Solar Wind High Speed Streams. , 2015, , .		0
52	Low-latitude scintillation weakening during sudden stratospheric warming events. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2212-2221.	0.8	33
53	Prediction of the level of ionospheric scintillation at equatorial latitudes in Brazil using a neural network. <i>Space Weather</i> , 2015, 13, 446-457.	1.3	26
54	Dust storm and electron density in the equatorial D region ionosphere of Mars: Comparison with Earth's ionosphere from rocket measurements in Brazil. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8968-8977.	0.8	10

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55	Wave structure and polarization electric field development in the bottomside F_2 layer leading to postsunset equatorial spread F_2 . Journal of Geophysical Research: Space Physics, 2015, 120, 6930-6940.	0.8	42
56	Thermospheric Neutral Wind Role on the Equatorial and Low-latitude Ionosphere During Conjugate Point Experiment Campaign. , 2015, , .		0
57	Fast and ultrafast Kelvin wave modulations of the equatorial evening F region vertical drift and spread F development. Earth, Planets and Space, 2015, 67, .	0.9	90
58	Modeling the equatorial and low-latitude ionospheric response to an intense X-class solar flare. Journal of Geophysical Research: Space Physics, 2015, 120, 3021-3032.	0.8	30
59	CME front and severe space weather. Journal of Geophysical Research: Space Physics, 2014, 119, 10,041.	0.8	35
60	The role of electric fields in sporadic E layer formation over low latitudes under quiet and magnetic storm conditions. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 115-116, 95-105.	0.6	28
61	Equatorial spread F_2 initiation and growth from satellite traces as revealed from conjugate point observations in Brazil. Journal of Geophysical Research: Space Physics, 2014, 119, 375-383.	0.8	15
62	Equatorial ionization anomaly variability over the Brazilian region during boreal sudden stratospheric warming events. Journal of Geophysical Research: Space Physics, 2014, 119, 7649-7664.	0.8	24
63	Numerical simulation of equatorial plasma bubbles over Cachimbo: COPEX campaign. Advances in Space Research, 2014, 54, 443-455.	1.2	4
64	Equatorial broad plasma depletions associated with the enhanced fountain effect. Journal of Geophysical Research: Space Physics, 2014, 119, 402-410.	0.8	5
65	Correlation analysis between the occurrence of ionospheric scintillation at the magnetic equator and at the southern peak of the Equatorial Ionization Anomaly. Space Weather, 2014, 12, 406-416.	1.3	15
66	Equatorial ionization anomaly development as studied by GPS TEC and foF2 over Brazil: A comparison of observations with model results from SUPIM and IRI-2012. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 104, 45-54.	0.6	9
67	Longitudinal variation in Global Navigation Satellite Systems TEC and topside ion density over South American sector associated with the four-peaked wave structures. Journal of Geophysical Research: Space Physics, 2013, 118, 7940-7953.	0.8	16
68	Abnormal fb Es enhancements in equatorial Es layers during magnetic storms of solar cycle 23. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 102, 228-234.	0.6	26
69	Day-time F region echoes observed by the SÃo LuÃs radar. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 103, 48-55.	0.6	12
70	Longitudinal variation of the equatorial ionosphere: Modeling and experimental results. Advances in Space Research, 2013, 51, 654-660.	1.2	14
71	Sporadic E_s layer development and disruption at low latitudes by prompt penetration electric fields during magnetic storms. Journal of Geophysical Research: Space Physics, 2013, 118, 2639-2647.	0.8	24
72	The ultra-fast Kelvin waves in the equatorial ionosphere: observations and modeling. Annales Geophysicae, 2013, 31, 209-215.	0.6	19

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73	A global view of the atmospheric lunar semidiurnal tide. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 13,128.	1.2	27
74	A Simple Method to Calculate the Maximum Usable Frequency. , 2013, , .		0
75	Estimation of the initial amplitude of plasma bubble seed perturbation from ionograms. <i>Radio Science</i> , 2012, 47, .	0.8	8
76	Equatorial range spread F echoes from coherent backscatter, and irregularity growth processes, from conjugate point digital ionograms. <i>Radio Science</i> , 2012, 47, .	0.8	25
77	Ionospheric response to 2-day planetary wave in the equatorial and low latitude regions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 90-91, 164-171.	0.6	4
78	Equatorial ionosphere responses to two magnetic storms of moderate intensity from conjugate point observations in Brazil. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	26
79	Radio occultation electron density profiles from the FORMOSAT-3/COSMIC satellites over the Brazilian region: A comparison with Digisonde data. <i>Advances in Space Research</i> , 2012, 49, 1553-1562.	1.2	23
80	Early morning enhancement in ionospheric electron density during intense magnetic storms. <i>Advances in Space Research</i> , 2012, 49, 1544-1552.	1.2	9
81	A statistical study of the response of the dayside equatorial F2 layer to the main phase of intense geomagnetic storms as an indicator of penetration electric field. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	24
82	Spread F occurrence over a southern anomaly crest location in Brazil during June solstice of solar minimum activity. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	55
83	Equatorial Ionization Anomaly: The Role of Thermospheric Winds and the Effects of the Geomagnetic Field Secular Variation. , 2011, , 317-328.		16
84	Longitudinal variation of equatorial spread F occurrence over South America. , 2011, , .		0
85	Spaced transmitter measurements of medium scale traveling ionospheric disturbances near the equator. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	21
86	Equatorial ionization anomaly and thermospheric meridional winds during two major storms over Brazilian low latitudes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 1535-1543.	0.6	22
87	Equatorial spread F echo and irregularity growth processes from conjugate point digital ionograms. , 2011, , .		0
88	Tomographic imaging of the equatorial and low-latitude ionosphere over central-eastern Brazil. <i>Earth, Planets and Space</i> , 2011, 63, 129-138.	0.9	16
89	Mesosphere–Ionosphere Coupling Processes Observed in the F Layer Bottom-Side Oscillation. , 2011, , 163-175.		0
90	Measurements of the plasma vertical and zonal drift velocities: comparison of the results from Digisondes and Incoherent Scatter Radar during the COPEX campaign. , 2011, , .		0

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91	Parameterized Regional Ionospheric Model: a new version. , 2011, , .		0
92	Longitudinal differences in the equatorial spread F characteristics between Vietnam and Brazil. Advances in Space Research, 2010, 45, 351-360.	1.2	25
93	Parameterized Regional Ionospheric Model and a comparison of its results with experimental data and IRI representations. Advances in Space Research, 2010, 46, 1032-1038.	1.2	20
94	Solar flux effects on the equatorial evening vertical drift and meridional winds over Brazil: A comparison between observational data and the IRI model and the HWM representations. Advances in Space Research, 2010, 46, 1078-1085.	1.2	25
95	Equatorial ionosphere bottom-type spread F observed by OI 630.0 nm airglow imaging. Geophysical Research Letters, 2010, 37, .	1.5	27
96	Scintillation-producing Fresnel-scale irregularities associated with the regions of steepest TEC gradients adjacent to the equatorial ionization anomaly. Journal of Geophysical Research, 2010, 115, .	3.3	47
97	Magnetic conjugate point observations of kilometer and hundred-meter scale irregularities and zonal drifts. Journal of Geophysical Research, 2010, 115, .	3.3	25
98	Análise da ionosfera usando dados de receptores GPS durante um período de alta atividade solar e comparaç�o com dados de Digissondas. Revista Brasileira De Geofisica, 2009, 27, 565-582.	0.2	1
99	Overview and summary of the Spread F Experiment (SpreadFEx). Annales Geophysicae, 2009, 27, 2141-2155.	0.6	48
100	Simultaneous observation of ionospheric plasma bubbles and mesospheric gravity waves during the SpreadFEx Campaign. Annales Geophysicae, 2009, 27, 1477-1487.	0.6	115
101	The spread F Experiment (SpreadFEx): Program overview and first results. Earth, Planets and Space, 2009, 61, 411-430.	0.9	11
102	Possible influence of ultra-fast Kelvin wave on the equatorial ionosphere evening uplifting. Earth, Planets and Space, 2009, 61, 455-462.	0.9	21
103	On the responses to solar X-ray flare and coronal mass ejection in the ionospheres of Mars and Earth. Geophysical Research Letters, 2009, 36, .	1.5	39
104	Equatorial evening prereversal vertical drift and spread F suppression by disturbance penetration electric fields. Geophysical Research Letters, 2009, 36, .	1.5	74
105	Zonal wave structures in the nighttime tropospheric density and temperature and in the <i>D</i> region ionosphere over Mars: Modeling and observations. Journal of Geophysical Research, 2009, 114, .	3.3	7
106	<i>D</i>, <i>E</i>, and <i>F</i> layers in the daytime at high-latitude terminator ionosphere of Mars: Comparison with Earth's ionosphere using COSMIC data. Journal of Geophysical Research, 2009, 114, .	3.3	42
107	Conjugate Point Equatorial Experiment (COPEX) campaign in Brazil: Electrodynamics highlights on spread <i>F</i> development conditions and day-to-day variability. Journal of Geophysical Research, 2009, 114, .	3.3	90
108	Ionospheric zonal velocities at conjugate points over Brazil during the COPEX campaign: Experimental observations and theoretical validations. Journal of Geophysical Research, 2009, 114, .	3.3	59

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109	Gravity wave initiation of equatorial spread F/plasma bubble irregularities based on observational data from the SpreadFEx campaign. <i>Annales Geophysicae</i> , 2009, 27, 2607-2622.	0.6	183
110	Oscilações de 6-7 dias na mesosfera e ionosfera equatorial. , 2009, , .		0
111	F2 Peak parameters, drifts and spread F derived from digisonde ionograms for the COPEX campaign in Brazil. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2008, 70, 1144-1158.	0.6	19
112	Equatorial spread F and sporadic E-layer connections during the Brazilian Conjugate Point Equatorial Experiment (COPEX). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2008, 70, 1133-1143.	0.6	34
113	GPS L-band scintillations and ionospheric irregularity zonal drifts inferred at equatorial and low-latitude regions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2008, 70, 1261-1272.	0.6	64
114	Solar flux effects on equatorial ionization anomaly and total electron content over Brazil: Observational results versus IRI representations. <i>Advances in Space Research</i> , 2008, 42, 617-625.	1.2	21
115	Abnormal evening vertical plasma drift and effects on ESF and EIA over Brazil's South Atlantic sector during the 30 October 2003 superstorm. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	72
116	Gravity wave and tidal influences on equatorial spread F based on observations during the Spread F Experiment (SpreadFEx). <i>Annales Geophysicae</i> , 2008, 26, 3235-3252.	0.6	96
117	Simulation of the sporadic E layer response to prereversal associated evening vertical electric field enhancement near dip equator. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	33
118	Ionospheric responses to the October 2003 superstorm: Longitude/local time effects over equatorial low and middle latitudes. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	73
119	Signatures of ultra fast Kelvin waves in the equatorial middle atmosphere and ionosphere. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	71
120	Correction to "Simulation of the sporadic E layer response to prereversal associated evening vertical electric field enhancement near dip equator". <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	0
121	Ultra Fast Kelvin waves in the equatorial upper atmosphere. , 2007, , .		0
122	Thermospheric meridional wind control of equatorial spread F and evening prereversal electric field. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	46
123	Planetary wave oscillations in mesospheric winds, equatorial evening prereversal electric field and spread F. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	49
124	Unusual early morning development of the equatorial anomaly in the Brazilian sector during the Halloween magnetic storm. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	50
125	Two-day wave coupling of the low-latitude atmosphere-ionosphere system. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	84
126	Signatures of "6 day planetary waves in the equatorial mesosphere and ionosphere. <i>Annales Geophysicae</i> , 2006, 24, 3343-3350.	0.6	61

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127	Numerical simulation of nighttime electron precipitation in the lower ionosphere over a sub-auroral region. <i>Advances in Space Research</i> , 2006, 37, 1051-1057.	1.2	7
128	Magnetic storm associated disturbance dynamo effects in the low and equatorial latitude ionosphere. <i>Geophysical Monograph Series</i> , 2006, , 283-304.	0.1	36
129	Equatorial F region evening vertical drift, and peak height, during southern winter months: A comparison of observational data with the IRI descriptions. <i>Advances in Space Research</i> , 2006, 37, 1007-1017.	1.2	32
130	Planetary wave signatures in the equatorial atmosphere-ionosphere system, and mesosphere- E- and F-region coupling. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 509-522.	0.6	74
131	A comparison of ionospheric vertical drift velocities measured by Digisonde and Incoherent Scatter Radar at the magnetic equator. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 669-678.	0.6	41
132	Resultados Preliminares de Estudo do Comportamento da Camada F Ionosférica sob o Equador Magnético a partir de Dados de Digissonda. , 2005, , .		0
133	The prereversal enhancement in the vertical drift for Fortaleza and the sporadic E layer. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 1610-1617.	0.6	12
134	Study of the March 31, 2001 magnetic storm effects on the ionosphere using GPS data. <i>Advances in Space Research</i> , 2005, 36, 534-545.	1.2	21
135	7th Latin-American Conference on Space Geophysics, Atibaia, SP, Brazil, March 29-April 2, 2004. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 1641.	0.6	0
136	South Atlantic magnetic anomaly ionization: A review and a new focus on electrodynamic effects in the equatorial ionosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 1643-1657.	0.6	108
137	Evidence on 2-4 day oscillations of the equatorial ionosphere $h^{\prime}F$ and mesospheric airglow emissions. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	38
138	Multistation digisonde observations of equatorial spread F in South America. <i>Annales Geophysicae</i> , 2004, 22, 3145-3153.	0.6	51
139	Equatorial F-layer heights, evening prereversal electric field, and night E-layer density in the American sector: IRI validation with observations. <i>Advances in Space Research</i> , 2004, 34, 1953-1965.	1.2	54
140	Ionospheric variability at Brazilian low and equatorial latitudes: comparison between observations and IRI model. <i>Advances in Space Research</i> , 2004, 34, 1894-1900.	1.2	76
141	Sporadic structures in the atmospheric sodium layer. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	23
142	Equatorial electrojet 3-M irregularity dynamics during magnetic disturbances over Brazil: results from the new VHF radar at São Luís. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2003, 65, 1293-1308.	0.6	26
143	Ionospheric F3 layer: Implications for the IRI model. <i>Advances in Space Research</i> , 2003, 31, 607-611.	1.2	16
144	Spread-F at anomaly crest regions in the Indian and American longitudes. <i>Advances in Space Research</i> , 2003, 31, 717-727.	1.2	21

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145	Comparisons of IRI model and electron density data for the sub-equatorial station, Natal. <i>Advances in Space Research</i> , 2003, 31, 557-561.	1.2	3
146	An empirical model for the ionospheric electron content at low latitude in Brazil and a comparison with IRI95. <i>Advances in Space Research</i> , 2003, 31, 629-634.	1.2	7
147	Equatorial spread F statistics and empirical representation for IRI: A regional model for the Brazilian longitude sector. <i>Advances in Space Research</i> , 2003, 31, 703-716.	1.2	50
148	Comparison of low latitude F region peak densities, heights and equatorial E \vec{A} -B drift from IRI with observational data and the Sheffield University plasmasphere ionosphere model. <i>Advances in Space Research</i> , 2003, 31, 501-505.	1.2	12
149	Equatorial evening prereversal electric field enhancement and sporadic E layer disruption: A manifestation of E and F region coupling. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	87
150	Magnetospheric disturbance induced equatorial plasma bubble development and dynamics: A case study in Brazilian sector. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	152
151	An investigation of ionospheric responses, and disturbance thermospheric winds, during magnetic storms over South American sector. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 12-1.	3.3	27
152	Long term trends in the frequency of occurrence of the F3 layer over Fortaleza, Brazil. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 1409-1412.	0.6	55
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