Paulo Batista

List of Publications by Year
in descending order

178	3,642	34	48
papers	citations	h-index	g-index
		134610	232693

186	186	186	1381
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Statistical Parameter Estimation for Observation Error Modelling: Application to Meteor Radars. , 2022, , 185-213.		2
2	Impact of the September 2019 Minor Sudden Stratospheric Warming on the Lowâ€Latitude Middle Atmospheric Planetary Wave Dynamics. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	7
3	New Findings Relating Tidal Variability and Solar Activity in the Low Latitude MLT Region. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	9
4	The technical optimization of Na-K lidar and to measure mesospheric Na and K over Brazil. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 259, 107383.	1.1	3
5	Variability of the lunar semidiurnal tidal amplitudes in the ionosphere over Brazil. Annales Geophysicae, 2021, 39, 151-164.	0.6	0
6	Simultaneous Observation of Sporadic Potassium and Sodium Layers Over SÃ£o JosÃ© dos Campos, Brazil (23.1Â°S, 45.9Â°W). Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028890.	0.8	1
7	Observations of a quasi-90-day oscillation in the MLT winds and tides over an equatorial station using meteor radar winds. Advances in Space Research, 2021, 67, 3125-3133.	1.2	1
8	Monthly averages of diurnal temperature variation from meteor radar at Cachoeira Paulista (22.7Â°S,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	1
9	Global balanced wind derived from SABER temperature and pressure observations and its validations. Earth System Science Data, 2021, 13, 5643-5661.	3.7	11
10	Study of solar cycle dependence of the quasi-two-day wave in the MLT from an extratropical station. Journal of Earth System Science, 2020, 129, 1.	0.6	1
11	On the role of tidal winds in the descending of the high type of sporadic layer (Es). Advances in Space Research, 2020, 65, 2131-2147.	1.2	8
12	Variability of the equatorial ionosphere induced by nonlinear interaction between an ultrafast Kelvin wave and the diurnal tide. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 208, 105397.	0.6	1
13	Signature of a 120-day oscillation in the MLT winds and tides over SÃ£o JoÃ£o do Cariri (7.4oS, 36.5oW). Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 207, 105337.	0.6	2
14	Atmospheric Gravity Waves Observed in the Nightglow Following the 21 August 2017 Total Solar Eclipse. Geophysical Research Letters, 2020, 47, e2020GL088924.	1.5	7
15	Behaviour of monthly tides from meteor radar winds at 22.7Â°S during declining phases of 23 and 24 solar cycles. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 205, 105298.	0.6	7
16	Nocturnal and Seasonal Variation of Na and K Layers Simultaneously Observed in the MLT Region at 23Â°S. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027164.	0.8	7
17	Signature of the 27-day oscillation in the MLT tides and its relation with solar radiation at low latitudes. Earth, Planets and Space, 2020, 72, .	0.9	1
18	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.	0.6	1

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19	Investigation of solar cycle dependence of the tides in the low latitude MLT using meteor radar observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 193, 105083.	0.6	8
20	Structure, Variability, and Meanâ€Flow Interactions of the January 2015 Quasiâ€2â€Day Wave at Middle and High Southern Latitudes. Journal of Geophysical Research D: Atmospheres, 2019, 124, 5981-6008.	1.2	7
21	Growth Rate of Gravity Wave Amplitudes Observed in Sodium Lidar Density Profiles and Nightglow Image Data. Atmosphere, 2019, 10, 750.	1.0	5
22	Occurrence and Modeling Examination of Sporadicâ€<i>E</i> Layers in the Region of the South America (<i>Atlantic</i>) Magnetic Anomaly. Journal of Geophysical Research: Space Physics, 2019, 124, 9676-9694.	0.8	13
23	On the variability of tides during a major stratospheric sudden warming in September 2002 at Southern hemispheric extra-tropical latitude. Advances in Space Research, 2019, 63, 2337-2344.	1.2	6
24	The influence of tidal winds in the formation of blanketing sporadic e-layer over equatorial Brazilian region. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 171, 64-71.	0.6	26
25	Simultaneous lidar observation of peculiar sporadic K and Na layers at SÃ£o JosÃ© dos Campos (23.1Â°S,) Tj ETQq1 1 0.784314 rgBT	1.2	7
26	On the variability of the quarter-diurnal tide in the MLT over Brazilian low-latitude stations. Earth, Planets and Space, 2018, 70, .	0.9	12
27	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.	0.6	8
28	Wavenumber-4 structures observed in the low-latitude ionosphere during low and high solar activity periods using FORMOSAT/COSMIC observations. Annales Geophysicae, 2018, 36, 459-471.	0.6	11
29	Meteor Radar Temperatures Over the Brazilian Lowâ€Latitude Sectors. Journal of Geophysical Research: Space Physics, 2018, 123, 7755-7766.	0.8	6
30	Simulations of blanketing sporadic E-layer over the Brazilian sector driven by tidal winds. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 154, 104-114.	0.6	37
31	Quasi-biennial oscillation signatures in the diurnal tidal winds over Cachoeira Paulista, Brazil. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 155, 71-78.	0.6	4
32	Lunar tides in total electron content over Brazil. Journal of Geophysical Research: Space Physics, 2017, 122, 7519-7529.	0.8	7
33	Strong temperature gradients and vertical wind shear on MLT region associated to instability source at 23Â°S. Journal of Geophysical Research: Space Physics, 2017, 122, 4500-4511.	0.8	6
34	Equatorial <i>E</i> Region Electric Fields and Sporadic <i>E</i> Layer Responses to the Recovery Phase of the November 2004 Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2017, 122, 12,517.	0.8	17
35	Signature of the quasi-27-day oscillation in the MLT and its relation with solar irradiance and convection. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 161, 1-7.	0.6	7
36	Latitudinal variability of the quasi-16-day wave in the middle atmosphere over Brazilian stations. Annales Geophysicae, 2016, 34, 411-419.	0.6	6

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37	Vertical winds and momentum fluxes due to equatorial planetary scale waves using all-sky meteor radar over Brazilian region. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 149, 108-119.	0.6	12
38	Competition between winds and electric fields in the formation of blanketing sporadic E layers at equatorial regions. Earth, Planets and Space, 2016, 68, .	0.9	39
39	Multi-year observations of gravity wave momentum fluxes at low and middle latitudes inferred by all-sky meteor radar. Annales Geophysicae, 2015, 33, 1183-1193.	0.6	16
40	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
41	Variability of the quasi-2-day wave and interaction with longer period planetary waves in the MLT at Cachoeira Paulista (22.7Â°S, 45Â°W). Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 130-131, 57-67.	0.6	8
42	On the variability of the diurnal tide and coupling with planetary waves in the MLT over Cachoeira Paulista (22.7Â°S, 45Â°W). Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 133, 7-17.	0.6	14
43	Variations in meteor heights at 22.7Â°S during solar cycle 23. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 133, 139-144.	0.6	16
44	The lunar tides in the mesosphere and lower thermosphere over Brazilian sector. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 133, 129-138.	0.6	12
45	Vertical winds and 3-4 day momentum flux in the MLT inferred from meteor radar measurements. , 2015, , .		0
46	Long-term trends observed in the middle atmosphere temperatures using ground based LIDARs and satellite borne measurements. Annales Geophysicae, 2014, 32, 301-317.	0.6	12
47	Investigation of the intraseasonal oscillations over a Brazilian equatorial station: a case study. Earth, Planets and Space, 2014, 66, .	0.9	9
48	Planetary wave seasonality from meteor wind measurements at 7.4Â° S and 22.7Â° S. Annales Geophysicae, 2014, 32, 519-531.	0.6	17
49	Diurnal tides at low latitudes: Radar, satellite, and model results. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 118, 96-105.	0.6	15
50	Observations of the intraseasonal oscillations over two Brazilian low latitude stations: A comparative study. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 120, 62-69.	0.6	5
51	On the variability of the seasonal scale oscillations over Cachoeira Paulista (22.7Â°S, 45Â°W), Brazil. Earth, Planets and Space, 2014, 66, .	0.9	6
52	Response of the extratropical middle atmosphere to the September 2002 major stratospheric sudden warming. Advances in Space Research, 2014, 53, 257-265.	1.2	8
53	NONLINEAR INTERACTION BETWEEN DIURNAL TIDAL AND 2-DAY WAVE IN THE METEOR WINDS OBSERVED AT CACHOEIRA PAULISTA-SP AND SÃƒO JOÃƒO DO CARIRI-PB, BRAZIL: A CASE STUDY. Revista Brasileira De Geofisica, 2014, 31, 403.	0.2	4
54	Study of the ultra-fast Kelvin wave with meteor radar observations over a Brazilian extra-tropical station. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 102, 115-124.	0.6	3

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55	Study of the quasi-two-day wave during summer over Santa Maria, Brazil using meteor radar observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 92, 83-93.	0.6	17
56	On the variability of the terdiurnal tide over a Brazilian equatorial station using meteor radar observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 104, 87-95.	0.6	11
57	Improved analysis of all-sky meteor radar measurements of gravity wave variances and momentum fluxes. Annales Geophysicae, 2013, 31, 889-908.	0.6	33
58	Diurnal variation in gravity wave activity at low and middle latitudes. Annales Geophysicae, 2013, 31, 2123-2135.	0.6	10
59	A global view of the atmospheric lunar semidiurnal tide. Journal of Geophysical Research D: Atmospheres, 2013, 118, 13,128.	1.2	27
60	An enhancement of the lunar tide in the MLT region observed in the Brazilian sector during 2006 SSW. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 90-91, 97-103.	0.6	22
61	Ionospheric response to 2-day planetary wave in the equatorial and low latitude regions. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 90-91, 164-171.	0.6	4
62	Comparison of diurnal tide in models and ground-based observations during the 2005 equinox CAWSES tidal campaign. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 78-79, 19-30.	0.6	20
63	Sudden stratospheric warming effects on the mesospheric tides and 2-day wave dynamics at 7Â°S. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 78-79, 99-107.	0.6	42
64	Lunar tides in the mesosphere and lower thermosphere over Cachoeira Paulista (22.7Â°S; 45.0Â°W). Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 78-79, 31-36.	0.6	9
65	Characteristics of the intraseasonal oscillations in the lower and middle atmosphere over Gadanki. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 77, 167-173.	0.6	10
66	Observation of a mesospheric front in a thermal-doppler duct over King George Island, Antarctica. Atmospheric Chemistry and Physics, 2011, 11, 12137-12147.	1.9	27
67	Sodium lidar measurements of mesopause region temperatures at 23Â° S. Advances in Space Research, 2011, 47, 1165-1171.	1.2	16
68	Case study of a mesospheric wall event over Ferraz station, Antarctica (62Â° S). Annales Geophysicae, 2011, 29, 209-219.	0.6	21
69	Statistics of the sodium layer parameters at low geographic latitude and its impact on adaptive-optics sodium laser guide star characteristics. Astronomy and Astrophysics, 2010, 511, A31.	2.1	21
70	Mesopause region temperature structure observed by sodium resonance lidar. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 740-744.	0.6	7
71	Seasonal variations of gravity wave activity and spectra derived from sodium temperature lidar. Journal of Geophysical Research, 2010, 115, .	3.3	15
72	On the consistency of model, groundâ€based, and satellite observations of tidal signatures: Initial results from the CAWSES tidal campaigns. Journal of Geophysical Research, 2010, 115, .	3.3	43

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73	Estimativa da temperatura da mesopausa equatorial a partir de medidas por radar meteÃ³rico. Revista Brasileira De Geofisica, 2010, 28, 99-107.	0.2	0
74	Seasonal variations in gravity wave activity at three locations in Brazil. Annales Geophysicae, 2009, 27, 1059-1065.	0.6	22
75	Overview and summary of the Spread F Experiment (SpreadFEx). Annales Geophysicae, 2009, 27, 2141-2155.	0.6	48
76	Convection: the likely source of the medium-scale gravity waves observed in the OH airglow layer near Brasilia, Brazil, during the SpreadFEx campaign. Annales Geophysicae, 2009, 27, 231-259.	0.6	79
77	Atmospheric tides and mean winds in the meteor region over Santa Maria (29.7Â°S; 53.8Â°W). Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1864-1876.	0.6	24
78	A 14-year monthly climatology and trend in the 35â€"65km altitude range from Rayleigh Lidar temperature measurements at a low latitude station. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1456-1462.	0.6	20
79	The spread F Experiment (SpreadFEx): Program overview and first results. Earth, Planets and Space, 2009, 61, 411-430.	0.9	11
80	Possible influence of ultra-fast Kelvin wave on the equatorial ionosphere evening uplifting. Earth, Planets and Space, 2009, 61, 455-462.	0.9	21
81	Longitudinal variability in intraseasonal oscillation in the tropical mesosphere and lower thermosphere region. Journal of Geophysical Research, 2009, 114, .	3.3	16
82	First observation of an undular mesospheric bore in a Doppler duct. Annales Geophysicae, 2009, 27, 1399-1406.	0.6	33
83	OscilaÃ§Ãµes de 6-7 dias na mesosfera e ionosfera equatorial. , 2009, , .		0
84	Gravity waves and wind-shear in the MLT at 23Â°S. Advances in Space Research, 2008, 41, 1472-1477.	1.2	13
85	Lidar study of the characteristics of gravity waves in the mesopause region at a southern low-latitude location. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 991-1011.	0.6	14
86	Planetary wave coupling (5â€"6-day waves) in the low-latitude atmosphereâ€"ionosphere system. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 101-122.	0.6	69
87	Tidal associated temperature disturbances observed at the middle atmosphere (30â€"65km) by a Rayleigh lidar at 23Â°S. Advances in Space Research, 2008, 41, 1408-1414.	1.2	9
88	Improvement in the technique to extract gravity wave parameters from lidar data. Journal of Geophysical Research, 2008, 113, .	3.3	8
89	Observations of equatorial mesospheric winds over Cariri (7.4Â° S) by a meteor radar and comparison with existing models. Annales Geophysicae, 2008, 26, 485-497.	0.6	33
90	Signatures of ultra fast Kelvin waves in the equatorial middle atmosphere and ionosphere. Geophysical Research Letters, 2007, 34, .	1.5	71

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91	Amplitude growth of atmospheric gravity waves obtained from lidar and airglow image measurements. , 2007, , .		0
92	Ultra Fast Kelvin waves in the equatorial upper atmosphere. , 2007, , .		0
93	Planetary wave oscillations in mesospheric winds, equatorial evening prereversal electric field and spread F. Geophysical Research Letters, 2006, 33, .	1.5	49
94	Two-day wave coupling of the low-latitude atmosphere-ionosphere system. Journal of Geophysical Research, 2006, 111, .	3.3	84
95	Gravity wave parameters and their seasonal variations derived from Na lidar observations at 23Â°S. Journal of Geophysical Research, 2006, 111, .	3.3	17
96	Signatures of 3â€"6 day planetary waves in the equatorial mesosphere and ionosphere. Annales Geophysicae, 2006, 24, 3343-3350.	0.6	61
97	16-day wave observed in the meteor winds at low latitudes in the southern hemisphere. Advances in Space Research, 2006, 38, 2615-2620.	1.2	27
98	The quantification of long-term atmospheric change via meteor ablation height measurements. Journal of Atmospheric and Solar-Terrestrial Physics, 2006, 68, 1934-1939.	0.6	13
99	Seasonal variation in the solar diurnal tide and its possible influence on the atmospheric sodium layer. Advances in Space Research, 2005, 35, 1951-1956.	1.2	5
100	The 6.5-day oscillations observed in meteor winds over Cachoeira Paulista (22.7Â°S). Advances in Space Research, 2005, 36, 2212-2217.	1.2	17
101	Detection of meteor radar wind signatures related to strong short-duration day-to-day airglow transitions at sites 2600km apart. Journal of Atmospheric and Solar-Terrestrial Physics, 2005, 67, 611-621.	0.6	7
102	Sporadic sodium layers and the average vertical distribution of atmospheric sodium. Advances in Space Research, 2005, 35, 1976-1980.	1.2	14
103	Experimental evidence for solar cycle and long-term change in the low-latitude MLT region. Journal of Atmospheric and Solar-Terrestrial Physics, 2005, 67, 191-196.	0.6	27
104	7th Latin-American Conference on Space Geophysics, Atibaia, SP, Brazil, March 29â€"April 2, 2004. Journal of Atmospheric and Solar-Terrestrial Physics, 2005, 67, 1641.	0.6	0
105	Evidence on 2-4 day oscillations of the equatorial ionosphere hâ€²F and mesospheric airglow emissions. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	38
106	Meteor radar temperatures at multiple sites derived with SKiYMET radars and compared to OH, rocket and lidar measurements. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 585-593.	0.6	59
107	Quasi-two-day wave observed by meteor radar at 22.7Â°S. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 529-537.	0.6	52
108	Structure of the mean winds and tides in the meteor region over Cachoeira Paulista, Brazil (22.7Â°S,45Â°W) and its comparison with models. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 623-636.	0.6	74

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109	Comparison of gravity wave activity observed by airglow imaging at two different latitudes in Brazil. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 647-654.	0.6	41
110	Mesosphere/lower thermosphere prevailing wind model. Advances in Space Research, 2004, 34, 1755-1762.	1.2	52
111	Leonids meteor rates, 1999â€“2001. Advances in Space Research, 2004, 33, 1491-1495.	1.2	1
112	Negligible long-term temperature trend in the upper atmosphere at 23Â°S. Journal of Geophysical Research, 2004, 109, .	3.3	20
113	Sporadic structures in the atmospheric sodium layer. Journal of Geophysical Research, 2004, 109, .	3.3	23
114	Upper atmosphere research at the Instituto Nacional de Pesquisas Espaciais of Brazil. Geofisica International, 2004, 43, 11-16.	0.2	2
115	Observations of atmospheric gravity waves using airglow all-sky CCD imager at Cachoeira Paulista, Brazil (23Â° S, 45Â° W). Geofisica International, 2004, 43, 29-39.	0.2	8
116	Long-term variations in the centroid height of the atmospheric sodium layer. Advances in Space Research, 2003, 32, 1707-1711.	1.2	10
117	An investigation of gravity wave activity in the low-latitude upper mesosphere: Propagation direction and wind filtering. Journal of Geophysical Research, 2003, 108, .	3.3	77
118	Comments on â€œIn search of greenhouse signals in the equatorial middle atmosphereâ€•by Gufran Beig and S. Fadnavis. Geophysical Research Letters, 2002, 29, 57-1-57-2.	1.5	3
119	Equatorial planetary wave signatures observed in mesospheric airglow emissions. Journal of Atmospheric and Solar-Terrestrial Physics, 2002, 64, 1263-1272.	0.6	39
120	Tide-induced oscillations in the atmospheric sodium layer. Journal of Atmospheric and Solar-Terrestrial Physics, 2002, 64, 1321-1325.	0.6	19
121	Simultaneous lidar observation of a sporadic sodium layer, a â€œwallâ€•event in the OH and OI5577 airglow images and the meteor winds. Journal of Atmospheric and Solar-Terrestrial Physics, 2002, 64, 1327-1335.	0.6	24
122	Multiple wavelength optical observations of a long-lived meteor trail. Geophysical Research Letters, 2001, 28, 2779-2782.	1.5	13
123	Simultaneous measurements of meteor winds and sporadic sodium layers in the 80 â€“ 110 km region. Advances in Space Research, 2001, 27, 1679-1684.	1.2	17
124	An unusual airglow wave event observed at Cachoeira Paulista 23Â° S. Advances in Space Research, 2001, 27, 1749-1754.	1.2	30
125	First airglow all sky images at 23Â° S. Advances in Space Research, 2000, 26, 925-928.	1.2	8
126	Mesopause temperature observed by airglow OH spectra and meteor echoes at Shigaraki (34.9Â°N,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	5

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127	An evaluation of the evidence for ion recombination as a source of sporadic neutral layers in the lower thermosphere. Advances in Space Research, 1999, 24, 547-556.	1.2	26
128	First mesopause temperature profiles from a fixed southern hemisphere site. Geophysical Research Letters, 1999, 26, 1681-1684.	1.5	17
129	Response of the airglow OH emission, temperature and mesopause wind to the atmospheric wave propagation over Shigaraki, Japan. Earth, Planets and Space, 1999, 51, 863-875.	0.9	33
130	Simultaneous measurements of airglow oh emissionand meteor wind by a scanning photometer and the muradar. Journal of Atmospheric and Solar-Terrestrial Physics, 1998, 60, 1649-1668.	0.6	21
131	Lidar observations of atmospheric sodium at an equatorial location. Journal of Atmospheric and Solar-Terrestrial Physics, 1998, 60, 1773-1778.	0.6	13
132	Dynamical influence on the equatorial airglow observed from the South American sector. Advances in Space Research, 1998, 21, 817-825.	1.2	33
133	Vertical structure in the topside sodium layer. Geophysical Research Letters, 1998, 25, 3305-3308.	1.5	4
134	Long-term and solar cycle changes in the atmospheric sodium layer. Journal of Atmospheric and Solar-Terrestrial Physics, 1997, 59, 1673-1678.	0.6	36
135	Studies of the MLT region using the MU radar and simultaneous observations with OH spectrometer and other optical instruments. Advances in Space Research, 1997, 19, 643-652.	1.2	19
136	A new method for measuring the Doppler temperature of the atmospheric sodium layer. Advances in Space Research, 1997, 19, 681-684.	1.2	2
137	Wave-associated sporadic neutral layers in the upper atmosphere. Revista Brasileira De Geofisica, 1997, 15, 237-250.	0.2	6
138	O perfil de temperatura na regiÃ£o da mesopausa em SÃ£o JosÃ© dos Campos (23Â° S, 46Â° O) obtido com radar de laser. Revista Brasileira De Geofisica, 1997, 15, 109-118.	0.2	0
139	Mesospheric ozone concentration at an equatorial location from the 1.27-Î¼m O2airglow emission. Journal of Geophysical Research, 1996, 101, 7917-7921.	3.3	4
140	Formation of sporadic sodium layers. Journal of Geophysical Research, 1996, 101, 19701-19706.	3.3	23
141	Atomic oxygen concentrations from rocket airglow observations in the equatorial region. Journal of Atmospheric and Solar-Terrestrial Physics, 1996, 58, 1935-1942.	0.9	22
142	Predominant semi-annual oscillation of the upper mesospheric airglow intensities and temperatures in the equatorial region. Journal of Atmospheric and Solar-Terrestrial Physics, 1995, 57, 407-414.	0.9	71
143	Seasonal variations of the mesopause temperature observed at equatorial (4Â°S) and low (23Â°S) latitude stations. Advances in Space Research, 1994, 14, 97-100.	1.2	11
144	Solar cycle and the QBO effect on the mesospheric temperature and nightglow emissions at a low latitude station. Advances in Space Research, 1994, 14, 221-224.	1.2	9

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145	Contribution of the Cascading Process O(1S) .RAR. O(1D) to the Production of the Atomic Oxygen O(1D) and OI 630 nm Airglow in the Nocturnal Thermosphere.. Journal of Geomagnetism and Geoelectricity, 1994, 46, 747-754.	0.8	1
146	Determination of the quenching rate of the O(Â¹D) by O(Â³P) from rocketâ€borne optical (630 nm) and electron density data. Journal of Geophysical Research, 1993, 98, 7791-7798.	3.3	50
147	The annual variation of the height of the atmospheric sodium layer at 23Â°S: possible evidence for convective transport. Journal of Geophysical Research, 1992, 97, 5981-5985.	3.3	11
148	Seasonal variations of mesospheric hydrogen and ozone concentrations derived from groundâ€based airglow and lidar observations. Journal of Geophysical Research, 1992, 97, 5987-5993.	3.3	16
149	A longâ€term trend in the height of the atmospheric sodium layer: Possible evidence for global change. Geophysical Research Letters, 1992, 19, 457-460.	1.5	64
150	Atmospheric gravity wave effect on the airglow O (0,1) and OH (9,4) band intensity and temperature variations observed from a low latitude station. Advances in Space Research, 1992, 12, 131-134.	1.2	20
151	Evidence for a lack of diffusive control of the atmospheric sodium layer. Journal of Atmospheric and Solar-Terrestrial Physics, 1992, 54, 355-362.	0.9	4
152	Equatorial atomic oxygen profiles derived from rocket observations of OI 557.7 nm airglow emission. Planetary and Space Science, 1992, 40, 775-781.	0.9	25
153	Horizontal structures in sporadic sodium layers at 23Â°S. Geophysical Research Letters, 1991, 18, 1027-1030.	1.5	34
154	The temperature dependence of airglow emissions from the upper mesosphere and lower thermosphere. Planetary and Space Science, 1991, 39, 1397-1404.	0.9	7
155	Equatorial f-region oi 6300 Ã¥ and oi 5577 Ã¥ emission profiles observed by rocket-borne airglow photometers. Planetary and Space Science, 1990, 38, 547-554.	0.9	35
156	Seasonal variations in mesospheric sodium tidal activity. Journal of Geophysical Research, 1990, 95, 7435-7442.	3.3	5
157	Mesopause temperatures at 23Â°S. Journal of Geophysical Research, 1990, 95, 7677-7681.	3.3	12
158	Characteristics of the sporadic sodium layers observed at 23Â°S. Journal of Geophysical Research, 1989, 94, 15349-15358.	3.3	82
159	Concerning the origin of enhanced sodium layers. Geophysical Research Letters, 1988, 15, 1267-1270.	1.5	40
160	Rocket observations of the atomic and molecular oxygen emissions in the equatorial region. Advances in Space Research, 1987, 7, 47-50.	1.2	12
161	The twilight sodium layer. Journal of Geophysical Research, 1986, 91, 13303-13307.	3.3	3
162	Airglow O2(1Î£) atmospheric band at 8645 Ã… and the rotational temperature observed at 23Â°S. Planetary and Space Science, 1986, 34, 301-306.	0.9	30

#	Article	IF	Citations
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