

# Robert A Vincent

## List of Publications by Year in descending order

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230  
papers

10,934  
citations

34016

52  
h-index

42291

92  
g-index

238  
all docs

238  
docs citations

238  
times ranked

2665  
citing authors

#	ARTICLE	IF	CITATIONS
1	First Observations of Antarctic Mesospheric Tidal Wind Responses to Recurrent Geomagnetic Activity. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL089957.	1.5	10
2	Balloon-Borne Observations of Short Vertical Wavelength Gravity Waves and Interaction With QBO Winds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032779.	1.2	14
3	Climatology of the mesopause relative density using a global distribution of meteor radars. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7567-7581.	1.9	14
4	Trends and Variability in Vertical Winds in the Southern Hemisphere Summer Polar Mesosphere and Lower Thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11070-11085.	1.2	8
5	Structure, Variability, and Mean-Flow Interactions of the January 2015 Quasi-2-Day Wave at Middle and High Southern Latitudes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 5981-6008.	1.2	7
6	The Ginninderra CH <sub>4</sub> and CO <sub>2</sub> release experiment: An evaluation of gas detection and quantification techniques. <i>International Journal of Greenhouse Gas Control</i> , 2018, 70, 202-224.	2.3	49
7	Mesospheric radar wind comparisons at high and middle southern latitudes. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	15
8	Methane variability associated with natural and anthropogenic sources in an Australian context. <i>Australian Journal of Earth Sciences</i> , 2018, 65, 683-690.	0.4	4
9	Global tidal mapping from observations of a radar campaign. <i>Advances in Space Research</i> , 2017, 60, 130-143.	1.2	4
10	Improvement of stratospheric balloon GPS positioning and the impact on gravity wave parameter estimation for the Concordiasi campaign in Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9977-9997.	1.2	1
11	A method for estimating the height of a mesospheric density level using meteor radar. <i>Geophysical Research Letters</i> , 2015, 42, 6106-6111.	1.5	21
12	Simultaneous observations of the phase-locked 2 day wave at Adelaide, Cerro Pachon, and Darwin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 1808-1825.	1.2	7
13	The dynamics of the mesosphere and lower thermosphere: a brief review. <i>Progress in Earth and Planetary Science</i> , 2015, 2, .	1.1	52
14	The response of superpressure balloons to gravity wave motions. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 1043-1055.	1.2	35
15	The diffusion of multiple ionic species in meteor trails. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 118, 119-123.	0.6	3
16	The effects of deionization processes on meteor radar diffusion coefficients below 90 km. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 10027-10043.	1.2	27
17	Radioonde observations of gravity waves in the lower stratosphere over Davis, Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 11,973.	1.2	49
18	Gravity wave generation by convection and momentum deposition in the mesosphere-lower thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6233-6245.	1.2	17

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19	Mutual coupling of antennas in a meteor radar interferometer. <i>Radio Science</i> , 2013, 48, 118-121.	0.8	7
20	Long-term variability of mean winds in the mesosphere and lower thermosphere at low latitudes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	29
21	Interhemispheric dynamical coupling to the southern mesosphere and lower thermosphere. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
22	Meteor shower velocity estimates from single-station meteor radar: accuracy and precision. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1473-1478.	1.6	5
23	Recent developments in gravity-wave effects in climate models and the global distribution of gravity-wave momentum flux from observations and models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 1103-1124.	1.0	403
24	Observations of the phase-locked 2 day wave over the Australian sector using medium-frequency radar and airglow data. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	32
25	Amplification of the quasi-two day wave through nonlinear interaction with the migrating diurnal tide. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	60
26	Gravity wave flux retrievals using meteor radars. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	25
27	Stabilized master laser system for differential absorption lidar. <i>Applied Optics</i> , 2010, 49, 3274.	2.1	12
28	A southern hemisphere survey of meteor shower radiants and associated stream orbits using single station radar observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 350-356.	1.6	21
29	Long-term tendencies in the MLT prevailing winds and tides over Antarctica as observed by radars at Molodezhnaya, Mawson and Davis. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 21-32.	0.6	18
30	Radar observations of the diurnal tide in the tropical mesosphere-lower thermosphere region: Longitudinal variabilities. <i>Earth, Planets and Space</i> , 2009, 61, 513-524.	0.9	15
31	Imaging of atmospheric gravity waves in the stratosphere and upper mesosphere using satellite and ground-based observations over Australia during the TWIPICE campaign. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	29
32	Source regions for Antarctic MLT non-migrating semidiurnal tides. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	28
33	Short-period planetary waves in the Antarctic middle atmosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2008, 70, 1336-1350.	0.6	31
34	Modeling and observing the effect of aerosols on meteor radar measurements of the atmosphere. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	14
35	An empirical model of the Earth's horizontal wind fields: HWM07. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	448
36	A case study of the mesospheric 6.5-day wave observed by radar systems. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	27

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37	Estimation of Gravity Wave Momentum Flux and Phase Speeds from Quasi-Lagrangian Stratospheric Balloon Flights. Part II: Results from the Vorcore Campaign in Antarctica. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 3056-3070.	0.6	190
38	Estimation of Gravity Wave Momentum Flux and Phase Speeds from Quasi-Lagrangian Stratospheric Balloon Flights. Part I: Theory and Simulations. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 3042-3055.	0.6	45
39	Polar mesosphere and lower thermosphere dynamics: 1. Mean wind and gravity wave climatologies. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	50
40	Polar mesosphere and lower thermosphere dynamics: 2. Response to sudden stratospheric warmings. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	31
41	Quasi-Lagrangian superpressure balloon measurements of gravity wave momentum fluxes in the polar stratosphere of both hemispheres. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	49
42	Variability of mesospheric diurnal tides and tropospheric diurnal heating during 1997-1998. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	64
43	All-sky interferometric meteor radar meteoroid speed estimation using the Fresnel transform. <i>Annales Geophysicae</i> , 2007, 25, 385-398.	0.6	18
44	The lunar tides in the Antarctic mesosphere and lower thermosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007, 69, 2219-2237.	0.6	14
45	Long-period planetary waves in the mesosphere and lower thermosphere above Davis, Antarctica. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007, 69, 2118-2138.	0.6	29
46	Meteor observations using the Davis mesosphere-stratosphere-troposphere radar. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	17
47	A climatology of tides in the Antarctic mesosphere and lower thermosphere. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	72
48	Winter warmings, tides and planetary waves: comparisons between CMAM (with interactive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.6	20
49	Gravity waves in the equatorial MLT region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 266-282.	0.6	8
50	Observations of the 5-day wave in the mesosphere and lower thermosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 323-339.	0.6	90
51	Characteristics of the wind, temperature and PMSE field above Davis, Antarctica. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 418-435.	0.6	33
52	A Report on Radar Observations of 5-8-day Waves in the Equatorial MLT Region. <i>Journal of the Meteorological Society of Japan</i> , 2006, 84A, 295-304.	0.7	8
53	The 16-day waves in the mesosphere and lower thermosphere over Wuhan (30.6°N, 114.5°E) and Adelaide (35°S, 138°E). <i>Advances in Space Research</i> , 2005, 35, 2005-2010.	1.2	21
54	Lunar tidal winds in the mesosphere over Wuhan and Adelaide. <i>Advances in Space Research</i> , 2005, 36, 2218-2222.	1.2	11

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55	Mount Gambier (38°S, 141°E) prototype VHF wind profiler. <i>Radio Science</i> , 2005, 40, n/a-n/a.	0.8	6
56	Climatological lower thermosphere winds as seen by ground-based and space-based instruments. <i>Annales Geophysicae</i> , 2004, 22, 1931-1945.	0.6	10
57	Long term variations in the mesospheric mean flow observed at Grahamstown (South Africa) and Adelaide (Australia). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2004, 66, 1745-1754.	0.6	0
58	Mesosphere/lower thermosphere prevailing wind model. <i>Advances in Space Research</i> , 2004, 34, 1755-1762.	1.2	52
59	Intraseasonal oscillations of the zonal wind near the mesopause observed with medium-frequency and meteor radars in the tropics. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	32
60	Comparison of radar and in situ measurements of atmospheric turbulence. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	16
61	Some inferences on turbulence generation by gravity waves. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	5
62	Darwin Area Wave Experiment (DAWEX) field campaign to study gravity wave generation and propagation. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	22
63	The 2-day wave during the boreal summer of 1994. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	25
64	The large-scale dynamics of the mesosphere–lower thermosphere during the Southern Hemisphere stratospheric warming of 2002. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	75
65	First polar mesosphere summer echoes observed at Davis, Antarctica (68.6°S). <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	36
66	Airglow imager observations of atmospheric gravity waves at Alice Springs and Adelaide, Australia during the Darwin Area Wave Experiment (DAWEX). <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	27
67	VHF profiler observations of winds and waves in the troposphere during the Darwin Area Wave Experiment (DAWEX). <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	17
68	Characteristics of gravity waves with short vertical wavelengths observed with radiosonde and GPS occultation during DAWEX (Darwin Area Wave Experiment). <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	54
69	Interstation correlation of high-latitude lower-stratosphere gravity wave activity: Evidence for planetary wave modulation of gravity waves over Antarctica. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	12
70	Raindrop Size Distribution Retrievals from a VHF Boundary Layer Profiler. <i>Journal of Atmospheric and Oceanic Technology</i> , 2004, 21, 45-60.	0.5	28
71	First year of Rayleigh lidar measurements of middle atmosphere temperatures above davis, Antarctica. <i>Advances in Space Research</i> , 2003, 32, 771-776.	1.2	19
72	Modulation of gravity waves by planetary waves (2 and 16 d): observations with the North American-Pacific MLT-MFR radar network. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2003, 65, 85-104.	0.6	39

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73	MF radar observations of seasonal variability of semidiurnal motions in the mesosphere at high northern and southern latitudes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2003, 65, 483-493.	0.6	66
74	Further evidence of hemispheric differences in the MLT mean wind climatology: Simultaneous MF radar observations at Poker Flat (65°N, 147°W) and Davis (69°S, 78°E). <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	12
75	Intradiurnal wind variations in the midlatitude and high-latitude mesosphere and lower thermosphere. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	19
76	Observations of a nonmigrating component of the semidiurnal tide over Antarctica. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	40
77	The 6.5-day wave in the mesosphere and lower thermosphere: Evidence for baroclinic/barotropic instability. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	75
78	Latitudinal Variations Observed in Gravity Waves with Short Vertical Wavelengths. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 1394-1404.	0.6	90
79	Geostrophic wind fields in the stratosphere and mesosphere from satellite data. <i>Journal of Geophysical Research</i> , 2002, 107, CRI 3-1-CRI 3-18.	3.3	34
80	The 16-day planetary waves: multi-MF radar observations from the arctic to equator and comparisons with the HRDI measurements and the GSWM modelling results. <i>Annales Geophysicae</i> , 2002, 20, 691-709.	0.6	70
81	Seasonal variations of the semi-diurnal and diurnal tides in the MLT: multi-year MF radar observations from 70° N, modelled tides (GSWM, CMAM). <i>Annales Geophysicae</i> , 2002, 20, 661-677.	0.6	56
82	Gravity wave activity and dynamical effects in the middle atmosphere (60-90km): observations from an MF/MLT radar network, and results from the Canadian Middle Atmosphere Model (CMAM). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 65-90.	0.6	44
83	Global-scale tidal structure in the mesosphere and lower thermosphere during the PSMOS campaign of June-August 1999 and comparisons with the global-scale wave model. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 1011-1035.	0.6	62
84	Long-Period wind oscillations in the mesosphere and lower thermosphere at Yamagawa (32°N,131°E), Pontianak (0°N,109°E) and Christmas Island (2°N,157°W). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 1055-1067.	0.6	12
85	Long-term variations of atmospheric wave activity in the mesosphere and lower thermosphere region over the equatorial Pacific. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 1123-1129.	0.6	10
86	Global-scale tidal variability during the PSMOS campaign of June-August 1999: interaction with planetary waves. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 1865-1896.	0.6	70
87	Collision frequencies in the D-region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 2043-2054.	0.6	15
88	Differential absorption measurements of mesospheric and lower thermospheric electron densities using the Buckland Park MF radar. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 2029-2042.	0.6	22
89	Airglow observations of dynamical (wind shear-induced) instabilities over Adelaide, Australia, associated with atmospheric gravity waves. <i>Journal of Geophysical Research</i> , 2001, 106, 28189-28197.	3.3	38
90	A comparison of mean winds and gravity wave activity in the northern and southern polar MLT. <i>Geophysical Research Letters</i> , 2001, 28, 1475-1478.	1.5	39

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91	Wavelet analysis of stratospheric gravity wave packets over Macquarie Island: 2. Intermittency and mean-flow accelerations. <i>Journal of Geophysical Research</i> , 2001, 106, 10289-10297.	3.3	28
92	Wavelet analysis of stratospheric gravity wave packets over Macquarie Island: 1. Wave parameters. <i>Journal of Geophysical Research</i> , 2001, 106, 10275-10288.	3.3	60
93	Mesospheric turbulent velocity estimation using the Buckland Park MF radar. <i>Annales Geophysicae</i> , 2001, 19, 1007-1017.	0.6	31
94	An Algorithm for the Detection of Fronts in Wind Profiler Data. <i>Weather and Forecasting</i> , 2001, 16, 234-247.	0.5	10
95	A new technique for evaluating mesospheric momentum balance utilizing radars and satellite data. <i>Annales Geophysicae</i> , 2000, 18, 478-484.	0.6	2
96	Gravity waves in the tropical lower stratosphere: An observational study of seasonal and interannual variability. <i>Journal of Geophysical Research</i> , 2000, 105, 17971-17982.	3.3	197
97	Gravity waves in the tropical lower stratosphere: A model study of seasonal and interannual variability. <i>Journal of Geophysical Research</i> , 2000, 105, 17983-17993.	3.3	52
98	Comparison of mesospheric and lower thermospheric residual wind with High Resolution Doppler Imager, medium frequency, and meteor radar winds. <i>Journal of Geophysical Research</i> , 2000, 105, 27023-27035.	3.3	17
99	A comparison of optical and radar measurements of mesospheric winds and tides. <i>Geophysical Research Letters</i> , 2000, 27, 2477-2480.	1.5	4
100	Experiment will examine gravity waves in the middle atmosphere. <i>Eos</i> , 2000, 81, 517.	0.1	3
101	Analysis and interpretation of airglow and radar observations of quasi-monochromatic gravity waves in the upper mesosphere and lower thermosphere over Adelaide, Australia (35°S, 138°E). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1999, 61, 461-478.	0.6	156
102	Seasonal variations of the semi-diurnal and diurnal tides in the MLT: multi-year MF radar observations from 2 to 70°N, and the GSWM tidal model. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1999, 61, 809-828.	0.6	99
103	Observations of atmospheric waves in the tropical Pacific with radars and radiosondes. <i>Advances in Space Research</i> , 1999, 24, 1591-1600.	1.2	1
104	Two-day wave structure and mean flow interactions observed by radar and High Resolution Doppler Imager. <i>Journal of Geophysical Research</i> , 1999, 104, 3953-3969.	3.3	47
105	New narrow-beam meteor radar results at Christmas Island: Implications for diurnal wind estimation. <i>Radio Science</i> , 1999, 34, 179-197.	0.8	11
106	Gravity wave spectra, directions and wave interactions: Global MLT-MFR network. <i>Earth, Planets and Space</i> , 1999, 51, 543-562.	0.9	29
107	Coordinated radar observations of atmospheric diurnal tides in equatorial regions. <i>Earth, Planets and Space</i> , 1999, 51, 579-592.	0.9	33
108	Longitudinal variations in planetary wave activity in the equatorial mesosphere. <i>Earth, Planets and Space</i> , 1999, 51, 665-674.	0.9	50



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109	Simultaneous observations of atmospheric summer tides at Grahamstown (South Africa) and Adelaide (Australia). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1998, 60, 1459-1469.	0.6	6
110	Observations of a cut-off low over southern Australia. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1998, 124, 1109-1132.	1.0	23
111	Mesospheric momentum fluxes over Adelaide during the 2-day wave: Results and interpretation. <i>Journal of Geophysical Research</i> , 1998, 103, 28627-28636.	3.3	15
112	Reply [to "Comment on Paper: Trends of airglow imager observations near Adelaide, Australia" by J. H. Hecht, R. E. Walterscheid, J. Woithe, L. Campbell, R. A. Vincent, and I. M. Reid]. <i>Geophysical Research Letters</i> , 1998, 25, 23-23.	1.5	1
113	Long-term MF radar observations of solar tides in the low-latitude mesosphere: Interannual variability and comparisons with the GSWM. <i>Journal of Geophysical Research</i> , 1998, 103, 8667-8683.	3.3	127
114	A VHF boundary layer radar: First results. <i>Radio Science</i> , 1998, 33, 845-860.	0.8	36
115	HRDI Observations of Mean Meridional Winds at Solstice. <i>Journals of the Atmospheric Sciences</i> , 1998, 55, 1887-1896.	0.6	13
116	Climatology of the semiannual oscillation of the tropical middle atmosphere. <i>Journal of Geophysical Research</i> , 1997, 102, 26019-26032.	3.3	229
117	Lunar tides in the mesosphere over Christmas Island (2°N, 203°E). <i>Journal of Geophysical Research</i> , 1997, 102, 26239-26245.	3.3	17
118	A comparison of winds measured by meteor radar systems and an MF radar at Buckland Park. <i>Radio Science</i> , 1997, 32, 867-874.	0.8	10
119	Trends of airglow imager observations near Adelaide, Australia. <i>Geophysical Research Letters</i> , 1997, 24, 587-590.	1.5	22
120	Dual lidar observations of mesoscale fluctuations of ozone and horizontal winds. <i>Geophysical Research Letters</i> , 1997, 24, 1627-1630.	1.5	17
121	Coordinated global radar observations of tidal and planetary waves in the mesosphere and lower thermosphere during January 20-30, 1993. <i>Journal of Geophysical Research</i> , 1997, 102, 7307-7318.	3.3	16
122	Quasi 2-day oscillation of the ionosphere during summer 1992. <i>Journal of Geophysical Research</i> , 1997, 102, 7301-7305.	3.3	46
123	Short-period fluctuations of the diurnal tide observed with low-latitude MF and meteor radars during CADRE: Evidence for gravity wave/tidal interactions. <i>Journal of Geophysical Research</i> , 1997, 102, 26225-26238.	3.3	51
124	Diurnal migrating tide as seen by the high-resolution Doppler imager/UARS: 1. Monthly mean global meridional winds. <i>Journal of Geophysical Research</i> , 1997, 102, 4405-4422.	3.3	34
125	Equatorial dynamics observed by rocket, radar, and satellite during the CADRE/MALTED campaign: 2. Mean and wave structures, coherence, and variability. <i>Journal of Geophysical Research</i> , 1997, 102, 26191-26216.	3.3	19
126	Radar observations of a 3-day Kelvin wave in the equatorial mesosphere. <i>Journal of Geophysical Research</i> , 1997, 102, 26141-26157.	3.3	79



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127	An intercomparison between the GSWM, UARS, and ground based radar observations: a case-study in January 1993. <i>Annales Geophysicae</i> , 1997, 15, 1123-1141.	0.6	41
128	Zonal mean and tidal dynamics from space: an empirical examination of aliasing and sampling. <i>Annales Geophysicae</i> , 1997, 15, 1158-1164.	0.6	38
129	A minimal coherence time for the solar tides in the middle atmosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1997, 59, 1179-1196.	0.6	1
130	Intraseasonal wind variability in the equatorial mesosphere and lower thermosphere: long-term observations from the central Pacific. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1997, 59, 603-627.	0.6	77
131	Gravity-Wave Parameters in the Lower Stratosphere. , 1997, , 7-25.		73
132	A comparison of meteor radar systems at Buckland Park. <i>Radio Science</i> , 1996, 31, 1313-1329.	0.8	11
133	Validation of mesosphere and lower thermosphere winds from the high resolution Doppler imager on UARS. <i>Journal of Geophysical Research</i> , 1996, 101, 10365-10392.	3.3	109
134	Dynamics of the mesosphere and lower thermosphere as seen by MF radars and by the high-resolution Doppler imager/UARS. <i>Journal of Geophysical Research</i> , 1996, 101, 10393-10404.	3.3	46
135	Validation of O(1S) wind measurements by WINDII: the WIND Imaging Interferometer on UARS. <i>Journal of Geophysical Research</i> , 1996, 101, 10405-10430.	3.3	57
136	Simulation of lidar measurements of gravity waves in the mesosphere. <i>Journal of Geophysical Research</i> , 1996, 101, 9509-9522.	3.3	4
137	Mesospheric gravity waves at Saskatoon (52°N), Kyoto (35°N), and Adelaide (35°S). <i>Journal of Geophysical Research</i> , 1996, 101, 7005-7012.	3.3	45
138	Long-term variability in the equatorial middle atmosphere zonal wind. <i>Journal of Geophysical Research</i> , 1996, 101, 12847-12854.	3.3	142
139	Tidal generation of the phase-locked 2-day wave in the southern hemisphere summer by wave-wave interactions. <i>Journal of Geophysical Research</i> , 1996, 101, 26567-26576.	3.3	42
140	Empirical wind model for the upper, middle and lower atmosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1996, 58, 1421-1447.	0.9	587
141	N <sub>2</sub> and M <sub>2</sub> lunar tides: atmospheric resonance revisited. <i>Annales Geophysicae</i> , 1996, 14, 826-836.	0.6	5
142	Diurnal tide in the Antarctic and Arctic mesosphere/lower thermosphere regions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1995, 57, 383-393.	0.9	22
143	Gravity wave activity in the lower atmosphere: Seasonal and latitudinal variations. <i>Journal of Geophysical Research</i> , 1995, 100, 1327-1350.	3.3	315
144	High-resolution radiosonde data offer new prospects for research. <i>Eos</i> , 1995, 76, 497-497.	0.1	24

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145	The 4-day wave in the Antarctic mesosphere. <i>Journal of Geophysical Research</i> , 1995, 100, 18899.	3.3	23
146	Semidiurnal tide in the 80–150 km region: an assimilative data analysis. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1994, 56, 1237-1249.	0.9	33
147	Variations of the gravity wave characteristics with height, season and latitude revealed by comparative observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1994, 56, 555-568.	0.9	83
148	Comparative studies of scatterers observed by MF radars in the southern hemisphere mesosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1994, 56, 581-591.	0.9	19
149	Gravity-wave motions in the mesosphere and lower thermosphere observed at Mawson, Antarctica. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1994, 56, 593-602.	0.9	40
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