

David C Fritts

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11382923/david-c-fritts-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

123
papers

8,766
citations

47
h-index

92
g-index

130
ext. papers

9,551
ext. citations

3.4
avg, IF

6.07
L-index

#	Paper	IF	Citations
123	Gravity wave dynamics and effects in the middle atmosphere. <i>Reviews of Geophysics</i> , 2003 , 41,	23.1	1562
122	Gravity wave saturation in the middle atmosphere: A review of theory and observations. <i>Reviews of Geophysics</i> , 1984 , 22, 275	23.1	465
121	Evidence For a Saturated Spectrum of Atmospheric Gravity Waves. <i>Journals of the Atmospheric Sciences</i> , 1987 , 44, 1404-1410	2.1	402
120	CASES-99: A Comprehensive Investigation of the Stable Nocturnal Boundary Layer. <i>Bulletin of the American Meteorological Society</i> , 2002 , 83, 555-581	6.1	359
119	Mesospheric Momentum Flux Studies at Adelaide, Australia: Observations and a Gravity Wave/Tidal Interaction Model. <i>Journals of the Atmospheric Sciences</i> , 1987 , 44, 605-619	2.1	326
118	Convective and dynamical instabilities due to gravity wave motions in the lower and middle atmosphere: Theory and observations. <i>Radio Science</i> , 1985 , 20, 1247-1277	1.4	245
117	Sources of Mesoscale Variability of Gravity Waves. Part II: Frontal, Convective, and Jet Stream Excitation. <i>Journals of the Atmospheric Sciences</i> , 1992 , 49, 111-127	2.1	198
116	A Climatology of Gravity Wave Motions in the Mesopause Region at Adelaide, Australia. <i>Journals of the Atmospheric Sciences</i> , 1987 , 44, 748-760	2.1	195
115	Spectral Estimates of Gravity Wave Energy and Momentum Fluxes. Part I: Energy Dissipation, Acceleration, and Constraints. <i>Journals of the Atmospheric Sciences</i> , 1993 , 50, 3685-3694	2.1	157
114	Sources of Mesoscale Variability of Gravity Waves. Part I: Topographic Excitation. <i>Journals of the Atmospheric Sciences</i> , 1992 , 49, 101-110	2.1	156
113	A theory of enhanced saturation of the gravity wave spectrum due to increases in atmospheric stability. <i>Pure and Applied Geophysics</i> , 1989 , 130, 399-420	2.2	144
112	Observational Evidence of a Saturated Gravity Wave Spectrum in the Troposphere and Lower Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1988 , 45, 1741-1759	2.1	141
111	Mechanism for the Generation of Secondary Waves in Wave Breaking Regions. <i>Journals of the Atmospheric Sciences</i> , 2003 , 60, 194-214	2.1	131
110	The Deep Propagating Gravity Wave Experiment (DEEPWAVE): An Airborne and Ground-Based Exploration of Gravity Wave Propagation and Effects from Their Sources throughout the Lower and Middle Atmosphere. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, 425-453	6.1	121
109	Mean and variable forcing of the middle atmosphere by gravity waves. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006 , 68, 247-265	2	118
108	A review of gravity wave saturation processes, effects, and variability in the middle atmosphere. <i>Pure and Applied Geophysics</i> , 1989 , 130, 343-371	2.2	114
107	Gravity wave breaking in two and three dimensions: 2. Three-dimensional evolution and instability structure. <i>Journal of Geophysical Research</i> , 1994 , 99, 8109		109

106	Fluxes of Heat and Constituents Due to Convectively Unstable Gravity Waves. <i>Journals of the Atmospheric Sciences</i> , 1985 , 42, 549-556	2.1	107
105	Stratified shear turbulence: Evolution and statistics. <i>Geophysical Research Letters</i> , 1999 , 26, 439-442	4.9	102
104	Vorticity dynamics in a breaking internal gravity wave. Part 1. Initial instability evolution. <i>Journal of Fluid Mechanics</i> , 1998 , 367, 27-46	3.7	98
103	Observational evidence of wave ducting and evanescence in the mesosphere. <i>Journal of Geophysical Research</i> , 1997 , 102, 26301-26313		95
102	Gravity Wave Excitation by Geostrophic Adjustment of the Jet Stream. Part I: Two-Dimensional Forcing. <i>Journals of the Atmospheric Sciences</i> , 1992 , 49, 681-697	2.1	95
101	Turbulence statistics of a Kelvin-Helmholtz billow event observed in the night-time boundary layer during the Cooperative Atmosphere-Surface Exchange Study field program. <i>Dynamics of Atmospheres and Oceans</i> , 2001 , 34, 189-204	1.9	89
100	Gravity Wave Instability Dynamics at High Reynolds Numbers. Part I: Wave Field Evolution at Large Amplitudes and High Frequencies. <i>Journals of the Atmospheric Sciences</i> , 2009 , 66, 1126-1148	2.1	87
99	Thermospheric responses to gravity waves arising from mesoscale convective complexes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2004 , 66, 781-804	2	87
98	Wave breaking signatures in noctilucent clouds. <i>Geophysical Research Letters</i> , 1993 , 20, 2039-2042	4.9	86
97	Gravity Wave Radiation and Mean Responses to Local Body Forces in the Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 2001 , 58, 2249-2279	2.1	84
96	Gravity wave breaking in two and three dimensions: 1. Model description and comparison of two-dimensional evolutions. <i>Journal of Geophysical Research</i> , 1994 , 99, 8095		84
95	Evidence of gravity wave saturation and local turbulence production in the summer mesosphere and lower thermosphere during the STATE experiment. <i>Journal of Geophysical Research</i> , 1988 , 93, 7015-7025		84
94	Effects of Doppler shifting on the frequency spectra of atmospheric gravity waves. <i>Journal of Geophysical Research</i> , 1987 , 92, 9723		81
93	Influence of solar variability on gravity wave structure and dissipation in the thermosphere from tropospheric convection. <i>Journal of Geophysical Research</i> , 2006 , 111,		80
92	Evolution and Breakdown of Kelvin-Helmholtz Billows in Stratified Compressible Flows. Part I: Comparison of Two- and Three-Dimensional Flows. <i>Journals of the Atmospheric Sciences</i> , 1996 , 53, 3173-3191	2.1	78
91	Layering accompanying turbulence generation due to shear instability and gravity-wave breaking. <i>Journal of Geophysical Research</i> , 2003 , 108,		76
90	Gravity Wave Instability Dynamics at High Reynolds Numbers. Part II: Turbulence Evolution, Structure, and Anisotropy. <i>Journals of the Atmospheric Sciences</i> , 2009 , 66, 1149-1171	2.1	75
89	Wave Breaking and Transition to Turbulence in Stratified Shear Flows. <i>Journals of the Atmospheric Sciences</i> , 1996 , 53, 1057-1085	2.1	75

88	An Investigation of the Vertical Wavenumber and Frequency Spectra of Gravity Wave Motions in the Lower Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1987 , 44, 3610-3624	2.1	72
87	Vorticity dynamics in a breaking internal gravity wave. Part 2. Vortex interactions and transition to turbulence. <i>Journal of Fluid Mechanics</i> , 1998 , 367, 47-65	3.7	71
86	Shear Excitation of Atmospheric Gravity Waves. Part II: Nonlinear Radiation from a Free Shear Layer. <i>Journals of the Atmospheric Sciences</i> , 1984 , 41, 524-537	2.1	64
85	Measurement of Momentum Fluxes near the Summer Mesopause at Poker Flat, Alaska. <i>Journals of the Atmospheric Sciences</i> , 1989 , 46, 2569-2579	2.1	62
84	An estimate of strong local body forcing and gravity wave radiation based on OH airglow and meteor radar observations. <i>Geophysical Research Letters</i> , 2002 , 29, 71-1-71-4	4.9	59
83	Wave breaking signatures in sodium densities and OH nightglow: 2. Simulation of wave and instability structures. <i>Journal of Geophysical Research</i> , 1997 , 102, 6669-6684		54
82	An analysis of gravity wave ducting in the atmosphere: Eckart's resonances in thermal and Doppler ducts. <i>Journal of Geophysical Research</i> , 1989 , 94, 18455		53
81	Comparison of mesospheric wind spectra with a gravity wave model. <i>Radio Science</i> , 1985 , 20, 1331-1338	1.4	52
80	Production of Turbulence in the Vicinity of Critical Levels for Internal Gravity Waves. <i>Journals of the Atmospheric Sciences</i> , 1975 , 32, 2125-2135	2.1	51
79	A Quasi-Linear Study of Gravity-Wave Saturation and Self-Acceleration. <i>Journals of the Atmospheric Sciences</i> , 1984 , 41, 3272-3289	2.1	50
78	Gravity Wave 1-leaf Fluxes: A Lagrangian Approach. <i>Journals of the Atmospheric Sciences</i> , 1988 , 45, 1770-1780		47
77	Shear Excitation of Atmospheric Gravity Waves. <i>Journals of the Atmospheric Sciences</i> , 1982 , 39, 1936-1952	1	47
76	Gravity-Wave Excitation by Geostrophic Adjustment of the Jet Stream. Part II: Three-Dimensional Forcing. <i>Journals of the Atmospheric Sciences</i> , 1993 , 50, 104-115	2.1	46
75	Analysis of Ducted Motions in the Stable Nocturnal Boundary Layer during CASES-99. <i>Journals of the Atmospheric Sciences</i> , 2003 , 60, 2450-2472	2.1	45
74	Evolution and Breakdown of Kelvin-Helmholtz Billows in Stratified Compressible Flows. Part II: Instability Structure, Evolution, and Energetics. <i>Journals of the Atmospheric Sciences</i> , 1996 , 53, 3192-3212	2.1	45
73	Influences of source conditions on mountain wave penetration into the stratosphere and mesosphere. <i>Geophysical Research Letters</i> , 2015 , 42, 9488-9494	4.9	43
72	The importance of spatial variability in the generation of secondary gravity waves from local body forces. <i>Geophysical Research Letters</i> , 2002 , 29, 45-1-45-4	4.9	43
71	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		42

70	Quantifying Kelvin-Helmholtz instability dynamics observed in noctilucent clouds: 1. Methods and observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 9324-9337	4.4	41
69	Gravity Wave Variability and Interaction with Lower-Frequency Motions in the Mesosphere and Lower Thermosphere over Hawaii. <i>Journals of the Atmospheric Sciences</i> , 1996 , 53, 37-48	2.1	41
68	Stratospheric Gravity Wave Fluxes and Scales during DEEPWAVE. <i>Journals of the Atmospheric Sciences</i> , 2016 , 73, 2851-2869	2.1	40
67	Momentum flux estimates accompanying multiscale gravity waves over Mount Cook, New Zealand, on 13 July 2014 during the DEEPWAVE campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 9323-9337	4.4	40
66	Gravity Wave Influences in the Thermosphere and Ionosphere: Observations and Recent Modeling 2011 , 109-130		39
65	Gravity Wave Fine Structure Interactions. Part I: Influences of Fine Structure Form and Orientation on Flow Evolution and Instability. <i>Journals of the Atmospheric Sciences</i> , 2013 , 70, 3710-3734	2.1	37
64	Dynamical and radiative forcing of the summer mesopause circulation and thermal structure: 1. Mean solstice conditions. <i>Journal of Geophysical Research</i> , 1995 , 100, 3119		36
63	Secondary gravity wave generation over New Zealand during the DEEPWAVE campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 7834-7850	4.4	35
62	The transient critical-level interaction in a Boussinesq fluid. <i>Journal of Geophysical Research</i> , 1982 , 87, 7997		35
61	Quantifying gravity wave momentum fluxes with Mesosphere Temperature Mappers and correlative instrumentation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 13,583-13,603	4.4	33
60	The initial value problem for Kelvin vortex waves. <i>Journal of Fluid Mechanics</i> , 1997 , 344, 181-212	3.7	33
59	Numerical Modeling of Multiscale Dynamics at a High Reynolds Number: Instabilities, Turbulence, and an Assessment of Ozmidov and Thorpe Scales. <i>Journals of the Atmospheric Sciences</i> , 2016 , 73, 555-578 ¹		33
58	Dynamics of Orographic Gravity Waves Observed in the Mesosphere over the Auckland Islands during the Deep Propagating Gravity Wave Experiment (DEEPWAVE). <i>Journals of the Atmospheric Sciences</i> , 2016 , 73, 3855-3876	2.1	33
57	Dynamics of the Equatorial Mesosphere Observed Using the Jicamarca MST Radar during June and August 1987. <i>Journals of the Atmospheric Sciences</i> , 1992 , 49, 2353-2371	2.1	32
56	Self-acceleration and instability of gravity wave packets: 1. Effects of temporal localization. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 8783-8803	4.4	31
55	Gravity wave fine structure interactions: A reservoir of small-scale and large-scale turbulence energy. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	30
54	Numerical simulation of gravity wave breaking in the lower thermosphere. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		29
53	Transient Gravity Wave-Critical Layer Interaction. Part I: Convective Adjustment and the Mean Zonal Acceleration. <i>Journals of the Atmospheric Sciences</i> , 1984 , 41, 992-1007	2.1	29

52	Stability Analysis of Inertio-Gravity Wave Structure in the Middle Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 1989 , 46, 1738-1745	2.1	27
51	High-resolution observations and modeling of turbulence sources, structures, and intensities in the upper mesosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017 , 162, 57-78	2	26
50	A Numerical Study of Gravity Wave Saturation: Nonlinear and Multiple Wave Effects. <i>Journals of the Atmospheric Sciences</i> , 1985 , 42, 2043-2058	2.1	26
49	Radar observations of gravity waves over Jicamarca, Peru, during the CADRE campaign. <i>Journal of Geophysical Research</i> , 1997 , 102, 26263-26281		25
48	Gravity wave spectra, directions and wave interactions: Global MLT-MFR network. <i>Earth, Planets and Space</i> , 1999 , 51, 543-562	2.9	25
47	Gravity wave momentum flux in the upper mesosphere derived from OH airglow imaging measurements. <i>Earth, Planets and Space</i> , 2007 , 59, 421-428	2.9	24
46	Influence of a Mean Shear on the Dynamical Instability of an Inertio-Gravity Wave. <i>Journals of the Atmospheric Sciences</i> , 1989 , 46, 2562-2568	2.1	24
45	Quantifying Kelvin-Helmholtz instability dynamics observed in noctilucent clouds: 2. Modeling and interpretation of observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 9359-9375	4.4	23
44	Does Strong Tropospheric Forcing Cause Large-Amplitude Mesospheric Gravity Waves? A DEEPWAVE Case Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 11,422	4.4	23
43	Three-dimensional evolution of Kelvin-Helmholtz billows in stratified compressible flow. <i>Geophysical Research Letters</i> , 1994 , 21, 2287-2290	4.9	23
42	Computation of clear-air radar backscatter from numerical simulations of turbulence: 3. Off-zenith measurements and biases throughout the lifecycle of a Kelvin-Helmholtz instability. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		22
41	Large-Amplitude Mountain Waves in the Mesosphere Accompanying Weak Cross-Mountain Flow During DEEPWAVE Research Flight RF22. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 9992	4.4	21
40	Computation of clear-air radar backscatter from numerical simulations of turbulence: 2. Backscatter moments throughout the lifecycle of a Kelvin-Helmholtz instability. <i>Journal of Geophysical Research</i> , 2011 , 116,		21
39	Medium-frequency radar studies of gravity-wave seasonal variations over Hawaii (22°N, 160°W). <i>Journal of Geophysical Research</i> , 2003 , 108,		21
38	Gravity waves and momentum fluxes in the mesosphere and lower thermosphere using 430 MHz dual-beam measurements at Arecibo: 1. Measurements, methods, and gravity waves. <i>Journal of Geophysical Research</i> , 2006 , 111,		19
37	Investigation of a mesospheric gravity wave ducting event using coordinated sodium lidar and Mesospheric Temperature Mapper measurements at ALOMAR, Norway (69°N). <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 9765-9778	4.4	18
36	High-resolution numerical studies of stable boundary layer flows in a closed basin: Evolution of steady and oscillatory flows in an axisymmetric Arizona Meteor Crater. <i>Journal of Geophysical Research</i> , 2010 , 115,		18
35	Wave-wave interactions in a compressible atmosphere: 1. A general formulation including rotation and wind shear. <i>Journal of Geophysical Research</i> , 1992 , 97, 9975-9988		18

34	PMC Turbo: Studying Gravity Wave and Instability Dynamics in the Summer Mesosphere Using Polar Mesospheric Cloud Imaging and Profiling From a Stratospheric Balloon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 6423-6443	4.4	17
33	Dynamical and radiative forcing of the summer mesopause circulation and thermal structure: 2. Seasonal variations. <i>Journal of Geophysical Research</i> , 1995 , 100, 3129		17
32	Gravity Wave Dynamics in a Mesospheric Inversion Layer: 1. Reflection, Trapping, and Instability Dynamics. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 626-648	4.4	17
31	Gravity Wave Fine Structure Interactions. Part II: Energy Dissipation Evolutions, Statistics, and Implications. <i>Journals of the Atmospheric Sciences</i> , 2013 , 70, 3735-3755	2.1	16
30	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		16
29	Modeling the implications of Kelvin-Helmholtz instability dynamics for airglow observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 8858-8871	4.4	15
28	High-resolution measurements of vertical velocity with the European incoherent scatter VHF radar: 2. Spectral observations and model comparisons. <i>Journal of Geophysical Research</i> , 1995 , 100, 16827		15
27	Gravity Wave Dynamics in a Mesospheric Inversion Layer: 2. Instabilities, Turbulence, Fluxes, and Mixing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 649-670	4.4	12
26	Large-Amplitude Mountain Waves in the Mesosphere Observed on 21 June 2014 During DEEPWAVE: 2. Nonlinear Dynamics, Wave Breaking, and Instabilities. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 10006-10032	4.4	12
25	Self-Acceleration and Instability of Gravity Wave Packets: 2. Two-Dimensional Packet Propagation, Instability Dynamics, and Transient Flow Responses. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD030691	4.4	11
24	Fine Structure, Instabilities, and Turbulence in the Lower Atmosphere: High-Resolution In Situ Slant-Path Measurements with the DataHawk UAV and Comparisons with Numerical Modeling. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018 , 35, 619-642	2	11
23	Large-Amplitude Mountain Waves in the Mesosphere Observed on 21 June 2014 During DEEPWAVE: 1. Wave Development, Scales, Momentum Fluxes, and Environmental Sensitivity. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 10364-10384	4.4	11
22	Kelvin twist waves in the transition to turbulence. <i>European Journal of Mechanics, B/Fluids</i> , 1998 , 17, 595-604	2.4	10
21	Turbulence Dynamics and Mixing Due to Gravity Waves in the Lower and Middle Atmosphere. <i>Geophysical Monograph Series</i> , 2000 , 143-159	1.1	10
20	Self-Acceleration and Instability of Gravity Wave Packets: 3. Three-Dimensional Packet Propagation, Secondary Gravity Waves, Momentum Transport, and Transient Mean Forcing in Tidal Winds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD030692	4.4	10
19	Dual-beam measurements of gravity waves over Arecibo: Reevaluation of wave structure, dynamics, and momentum fluxes. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		9
18	Momentum Flux Spectra of a Mountain Wave Event Over New Zealand. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 9980-9991	4.4	8
17	Simple Stability Limits for Vertically Propagating Unstable Modes in a tanh(z) Velocity Profile with a Rigid Lower Boundary. <i>Journals of the Atmospheric Sciences</i> , 1980 , 37, 1642-1648	2.1	8

16	Mesospheric Bore Evolution and Instability Dynamics Observed in PMC Turbo Imaging and Rayleigh Lidar Profiling Over Northeastern Canada on 13 July 2018. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD032037	4.4	7
15	Observations of Reduced Turbulence and Wave Activity in the Arctic Middle Atmosphere Following the January 2015 Sudden Stratospheric Warming. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 13259-13276	4.4	7
14	The vorticity dynamics of instability and turbulence in a breaking internal gravity wave. <i>Earth, Planets and Space</i> , 1999 , 51, 457-473	2.9	6
13	A Review of Gravity Wave Saturation Processes, Effects, and Variability in the Middle Atmosphere 1989 , 343-371		6
12	Stratospheric Gravity Wave Products from Satellite Infrared Nadir Radiances in the Planning, Execution, and Validation of Aircraft Measurements during DEEPWAVE. <i>Journal of Applied Meteorology and Climatology</i> , 2019 , 58, 2049-2075	2.7	5
11	Numerical Simulation of Mountain Waves over the Southern Andes. Part I: Mountain Wave and Secondary Wave Character, Evolutions, and Breaking. <i>Journals of the Atmospheric Sciences</i> , 2020 , 77, 4337-4356	2.1	5
10	Gravity Wave Sources, Source Variability and Lower and Middle Atmosphere Effects 1993 , 191-208		5
9	Kelvin-Helmholtz Billow Interactions and Instabilities in the Mesosphere Over the Andes Lidar Observatory: 2. Modeling and Interpretation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033412	4.4	4
8	Modeling Responses of Polar Mesospheric Clouds to Gravity Wave and Instability Dynamics and Induced Large-Scale Motions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD034643	4.4	3
7	Atmospheric Turbulence Forecasts for Air Force and Missile Defense Applications 2010 ,		2
6	Gravity Waves in the Middle Atmosphere of the Southern Hemisphere 1990 , 171-189		2
5	Recent Progress in Gravity Wave Saturation Studies 1987 , 31-46		1
4	Numerical simulation of mountain waves over the southern Andes, Part 2: Momentum fluxes and wave/mean-flow interactions. <i>Journals of the Atmospheric Sciences</i> , 2021 ,	2.1	1
3	Direct Numerical Simulation Guidance for Thorpe Analysis to Obtain Quantitatively Reliable Turbulence Parameters. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019 , 36, 2247-2255	2	0
2	A Theory of Enhanced Saturation of the Gravity Wave Spectrum Due to Increases in Atmospheric Stability 1989 , 399-420		
1	Spectral Estimates of Gravity Wave Energy and Momentum Fluxes 1993 , 261-290		