

# C J Heale

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

359  
citations

840585

11  
h-index

794469

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

354  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Numerical Simulation of Secondary Wave Generation From Mountain Wave Breaking Over Europe. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	4
2	Primary Versus Secondary Gravity Wave Responses at F&ERegion Heights Generated by a Convective Source. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	10
3	The Dynamics of Nonlinear Atmospheric Acoustic&EGravity Waves Generated by Tsunamis Over Realistic Bathymetry. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028309.	0.8	14
4	Convectively Generated Gravity Waves During Solstice and Equinox Conditions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031582.	1.2	6
5	Secondary Gravity Waves Generated by Breaking Mountain Waves Over Europe. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031662.	1.2	43
6	Evidence for Horizontal Blocking and Reflection of a Small&EScale Gravity Wave in the Mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031828.	1.2	4
7	Gravity Wave Ducting Observed in the Mesosphere Over Jicamarca, Peru. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 5166-5177.	1.2	3
8	Multilayer Observations and Modeling of Thunderstorm&EGenerated Gravity Waves Over the Midwestern United States. <i>Geophysical Research Letters</i> , 2019, 46, 14164-14174.	1.5	12
9	A Comparison of Small&Eand Medium&EScale Gravity Wave Interactions in the Linear and Nonlinear Limits. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2454-2474.	1.2	2
10	Modulation of Low&EAltitude Ionospheric Upflow by Linear and Nonlinear Atmospheric Gravity Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7650-7667.	0.8	6
11	Momentum Flux Spectra of a Mountain Wave Event Over New Zealand. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9980-9991.	1.2	15
12	Localization Effects on the Dissipation of Gravity Wave Packets in the Upper Mesosphere and Lower Thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8915-8935.	1.2	8
13	Numerical modeling of a multiscale gravity wave event and its airglow signatures over Mount Cook, New Zealand, during the DEEPWAVE campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 846-860.	1.2	33
14	Secondary gravity wave generation over New Zealand during the DEEPWAVE campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7834-7850.	1.2	44
15	Evidence of dispersion and refraction of a spectrally broad gravity wave packet in the mesopause region observed by the Na lidar and Mesospheric Temperature Mapper above Logan, Utah. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 579-594.	1.2	26
16	Observation and modeling of gravity wave propagation through reflection and critical layers above Andes Lidar Observatory at Cerro Pach&A3n, Chile. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12,737.	1.2	11
17	Gravity wave propagation through a vertically and horizontally inhomogeneous background wind. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 5931-5950.	1.2	34
18	Thermospheric dissipation of upward propagating gravity wave packets. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3857-3872.	0.8	55

#	ARTICLE	IF	CITATIONS
19	Numerical simulation of the long-range propagation of gravity wave packets at high latitudes. Journal of Geophysical Research D: Atmospheres, 2014, 119, 11,116.	1.2	15
20	Numerical and statistical evidence for long-range ducted gravity wave propagation over Halley, Antarctica. Geophysical Research Letters, 2013, 40, 4813-4817.	1.5	14