

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	Thermospheric dissipation of upward propagating gravity wave packets. Journal of Geophysical Research: Space Physics, 2014, 119, 3857-3872.	0.8	55
2	Secondary gravity wave generation over New Zealand during the DEEPWAVE campaign. Journal of Geophysical Research D: Atmospheres, 2017, 122, 7834-7850.	1.2	44
3	Secondary Gravity Waves Generated by Breaking Mountain Waves Over Europe. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031662.	1.2	43
4	Gravity wave propagation through a vertically and horizontally inhomogeneous background wind. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5931-5950.	1.2	34
5	Numerical modeling of a multiscale gravity wave event and its airglow signatures over Mount Cook, New Zealand, during the DEEPWAVE campaign. Journal of Geophysical Research D: Atmospheres, 2017, 122, 846-860.	1.2	33
6	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. Journal of Geophysical Research D: Atmospheres, 2016, 121, 579-594.	1.2	26
7	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
8	Momentum Flux Spectra of a Mountain Wave Event Over New Zealand. Journal of Geophysical Research D: Atmospheres, 2018, 123, 9980-9991.	1.2	15
9	Numerical and statistical evidence for long-range ducted gravity wave propagation over Halley, Antarctica. Geophysical Research Letters, 2013, 40, 4813-4817.	1.5	14
10	The Dynamics of Nonlinear Atmospheric Acoustic-Gravity Waves Generated by Tsunamis Over Realistic Bathymetry. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028309.	0.8	14
11	Multilayer Observations and Modeling of Thunderstorm-Generated Gravity Waves Over the Midwestern United States. Geophysical Research Letters, 2019, 46, 14164-14174.	1.5	12
12	Observation and modeling of gravity wave propagation through reflection and critical layers above Andes Lidar Observatory at Cerro Pachón, Chile. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,737.	1.2	11
13	Primary Versus Secondary Gravity Wave Responses at Region Heights Generated by a Convective Source. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	10
14	Localization Effects on the Dissipation of Gravity Wave Packets in the Upper Mesosphere and Lower Thermosphere. Journal of Geophysical Research D: Atmospheres, 2018, 123, 8915-8935.	1.2	8
15	Modulation of Low-Altitude Ionospheric Upflow by Linear and Nonlinear Atmospheric Gravity Waves. Journal of Geophysical Research: Space Physics, 2018, 123, 7650-7667.	0.8	6
16	Convectively Generated Gravity Waves During Solstice and Equinox Conditions. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031582.	1.2	6
17	Evidence for Horizontal Blocking and Reflection of a Small-scale Gravity Wave in the Mesosphere. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031828.	1.2	4
18	3D Numerical Simulation of Secondary Wave Generation From Mountain Wave Breaking Over Europe. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	4

#	ARTICLE	IF	CITATIONS
19	Gravity Wave Ducting Observed in the Mesosphere Over Jicamarca, Peru. Journal of Geophysical Research D: Atmospheres, 2019, 124, 5166-5177.	1.2	3
20	A Comparison of Small- and Medium-Scale Gravity Wave Interactions in the Linear and Nonlinear Limits. Journal of Geophysical Research D: Atmospheres, 2018, 123, 2454-2474.	1.2	2