

Christopher G Kruse

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

446
citations

1040056

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h-index

1199594

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13
all docs

13
docs citations

13
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.3	148
2	Stratospheric Gravity Wave Fluxes and Scales during DEEPWAVE. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 2851-2869.	1.7	58
3	Secondary gravity wave generation over New Zealand during the DEEPWAVE campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7834-7850.	3.3	44
4	The Midlatitude Lower-Stratospheric Mountain Wave "Valve Layer". <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 5081-5100.	1.7	39
5	Gravity Wave Diagnostics and Characteristics in Mesoscale Fields. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 4372-4392.	1.7	38
6	Broad-Spectrum Mountain Waves. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 1381-1402.	1.7	26
7	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.	3.3	26
8	Atmospheric Conditions during the Deep Propagating Gravity Wave Experiment (DEEPWAVE). <i>Monthly Weather Review</i> , 2017, 145, 4249-4275.	1.4	24
9	Observed and Modeled Mountain Waves from the Surface to the Mesosphere near the Drake Passage. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 909-932.	1.7	19
10	Nondissipative and Dissipative Momentum Deposition by Mountain Wave Events in Sheared Environments. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 2721-2740.	1.7	11
11	A Gravity Wave Drag Matrix for Complex Terrain. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 2599-2613.	1.7	7
12	Regional to Global Evolution of Impacts of Parameterized Mountain-Wave Drag in the Lower Stratosphere. <i>Journal of Climate</i> , 2020, 33, 3093-3106.	3.2	6