

Kristen L Rasmussen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7813308/publications.pdf>

Version: 2024-02-01

35
papers

1,586
citations

430874

18
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

1769
citing authors

#	ARTICLE	IF	CITATIONS
1	The variable nature of convection in the tropics and subtropics: A legacy of 16 years of the Tropical Rainfall Measuring Mission satellite. <i>Reviews of Geophysics</i> , 2015, 53, 994-1021.	23.0	265
2	Anomalous Atmospheric Events Leading to the Summer 2010 Floods in Pakistan. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 291-298.	3.3	201
3	Orogenic Convection in Subtropical South America as Seen by the TRMM Satellite. <i>Monthly Weather Review</i> , 2011, 139, 2399-2420.	1.4	125
4	Severe convection and lightning in subtropical South America. <i>Geophysical Research Letters</i> , 2014, 41, 7359-7366.	4.0	109
5	A Flash-Flooding Storm at the Steep Edge of High Terrain: Disaster in the Himalayas. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 1713-1724.	3.3	106
6	Changes in Convective Available Potential Energy and Convective Inhibition under Global Warming. <i>Journal of Climate</i> , 2020, 33, 2025-2050.	3.2	90
7	The formation, character and changing nature of mesoscale convective systems. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 300-314.	29.7	86
8	Multiscale analysis of three consecutive years of anomalous flooding in Pakistan. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1259-1276.	2.7	62
9	Yield of additional genetic testing after chromosomal microarray for diagnosis of neurodevelopmental disability and congenital anomalies: a clinical practice resource of the American College of Medical Genetics and Genomics (ACMG). <i>Genetics in Medicine</i> , 2018, 20, 1105-1113.	2.4	57
10	The effects of climate change on hailstorms. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 213-226.	29.7	57
11	TRMM precipitation bias in extreme storms in South America. <i>Geophysical Research Letters</i> , 2013, 40, 3457-3461.	4.0	55
12	Convective Storm Life Cycle and Environments near the Sierras de Córdoba, Argentina. <i>Monthly Weather Review</i> , 2018, 146, 2541-2557.	1.4	52
13	Simulation of a Flash Flooding Storm at the Steep Edge of the Himalayas*. <i>Journal of Hydrometeorology</i> , 2014, 15, 212-228.	1.9	51
14	Upstream Orographic Enhancement of a Narrow Cold-Frontal Rainband Approaching the Andes. <i>Monthly Weather Review</i> , 2013, 141, 1708-1730.	1.4	48
15	A Storm Safari in Subtropical South America: Proyecto RELAMPAGO. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1621-E1644.	3.3	42
16	Climatology of Flood-Producing Storms and Their Associated Rainfall Characteristics in the United States. <i>Monthly Weather Review</i> , 2019, 147, 3861-3877.	1.4	24
17	The Monitoring Network of the Vancouver 2010 Olympics. <i>Pure and Applied Geophysics</i> , 2014, 171, 25-58.	1.9	23
18	Subtropical South American Hailstorm Characteristics and Environments. <i>Monthly Weather Review</i> , 2019, 147, 4289-4304.	1.4	23

#	ARTICLE	IF	CITATIONS
19	In the Driver's Seat: Rico and Education. <i>Bulletin of the American Meteorological Society</i> , 2007, 88, 1929-1938.	3.3	13
20	Weather observations on Whistler Mountain during five storms. <i>Pure and Applied Geophysics</i> , 2014, 171, 129-155.	1.9	13
21	Characteristics of Intense Convection in Subtropical South America as Influenced by El Niño Southern Oscillation. <i>Monthly Weather Review</i> , 2019, 147, 1947-1966.	1.4	13
22	Changes in Future Flash Flood-Producing Storms in the United States. <i>Journal of Hydrometeorology</i> , 2020, 21, 2221-2236.	1.9	13
23	The Colorado State University Convective Cloud Outflows and Updrafts Experiment (C3LOUD-Ex). <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1283-E1305.	3.3	12
24	New Insights into the South American Low-Level Jet from RELAMPAGO Observations. <i>Monthly Weather Review</i> , 2022, 150, 1247-1271.	1.4	9
25	Variations in Flash Flood-Producing Storm Characteristics Associated with Changes in Vertical Velocity in a Future Climate in the Mississippi River Basin. <i>Journal of Hydrometeorology</i> , 2021, 22, 671-687.	1.9	6
26	The Synoptically-Influenced Extreme Precipitation Systems over Asian-Australian Monsoon Region Observed by TRMM Precipitation Radar. <i>Journal of the Meteorological Society of Japan</i> , 2021, 99, 269-285.	1.8	5
27	High-resolution flood precipitation and streamflow relationships in two US river basins. <i>Meteorological Applications</i> , 2021, 28, e1979.	2.1	5
28	Impacts of Coastal Terrain on Warm-Sector Heavy-Rain-Producing MCSs in Southern China. <i>Monthly Weather Review</i> , 2022, 150, 603-624.	1.4	5
29	A Synoptic Evolution Comparison of the Smallest and Largest MCSs in Subtropical South America between Spring and Summer. <i>Monthly Weather Review</i> , 2021, , .	1.4	4
30	Comparison of Biases in Warm-Season WRF Forecasts in North and South America. <i>Weather and Forecasting</i> , 2021, , .	1.4	3
31	Future Changes in the Hydrologic Cycle Associated with Flood-Producing Storms in California. <i>Journal of Hydrometeorology</i> , 2020, 21, 2607-2621.	1.9	3
32	Enlightenment Strikes! Broadening Graduate School Training through Field Campaign Participation. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1987-E2001.	3.3	2
33	Multiscale Interactions Contributing to Enhanced Orographic Precipitation in Landfalling Frontal Systems over the Olympic Peninsula. <i>Monthly Weather Review</i> , 2022, 150, 1207-1231.	1.4	2
34	Leveraging Field-Campaign Networks to Identify Sexual Harassment in Atmospheric Science and Pilot Promising Interventions. <i>Bulletin of the American Meteorological Society</i> , 2021, , 1-32.	3.3	1
35	Quasi-Daily and Diurnal Cloud Variation Timescales Over Convectively Active Regions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035426.	3.3	1