

Paul J Neiman

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

4,129
citations

304743

22
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

2564
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric Rivers, Floods and the Water Resources of California. <i>Water (Switzerland)</i> , 2011, 3, 445-478.	2.7	683
2	Meteorological Characteristics and Overland Precipitation Impacts of Atmospheric Rivers Affecting the West Coast of North America Based on Eight Years of SSM/I Satellite Observations. <i>Journal of Hydrometeorology</i> , 2008, 9, 22-47.	1.9	555
3	Flooding on California's Russian River: Role of atmospheric rivers. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	547
4	Satellite and CALJET Aircraft Observations of Atmospheric Rivers over the Eastern North Pacific Ocean during the Winter of 1997/98. <i>Monthly Weather Review</i> , 2004, 132, 1721-1745.	1.4	518
5	Flooding in Western Washington: The Connection to Atmospheric Rivers*. <i>Journal of Hydrometeorology</i> , 2011, 12, 1337-1358.	1.9	325
6	Extreme snowfall events linked to atmospheric rivers and surface air temperature via satellite measurements. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	254
7	Does the Madden-Julian Oscillation Influence Wintertime Atmospheric Rivers and Snowpack in the Sierra Nevada?. <i>Monthly Weather Review</i> , 2012, 140, 325-342.	1.4	134
8	The 2010/2011 snow season in California's Sierra Nevada: Role of atmospheric rivers and modes of large-scale variability. <i>Water Resources Research</i> , 2013, 49, 6731-6743.	4.2	134
9	Rain versus Snow in the Sierra Nevada, California: Comparing Doppler Profiling Radar and Surface Observations of Melting Level. <i>Journal of Hydrometeorology</i> , 2008, 9, 194-211.	1.9	130
10	The Landfall and Inland Penetration of a Flood-Producing Atmospheric River in Arizona. Part I: Observed Synoptic-Scale, Orographic, and Hydrometeorological Characteristics. <i>Journal of Hydrometeorology</i> , 2013, 14, 460-484.	1.9	119
11	Hydrometeorological characteristics of rain-snow events associated with atmospheric rivers. <i>Geophysical Research Letters</i> , 2016, 43, 2964-2973.	4.0	108
12	Detection of Asian dust in California orographic precipitation. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	94
13	Relationships between Barrier Jet Heights, Orographic Precipitation Gradients, and Streamflow in the Northern Sierra Nevada. <i>Journal of Hydrometeorology</i> , 2010, 11, 1141-1156.	1.9	90
14	Effects of atmospheric river landfalls on the cold season precipitation in California. <i>Climate Dynamics</i> , 2013, 40, 465-474.	3.8	57
15	Sierra Barrier Jets, Atmospheric Rivers, and Precipitation Characteristics in Northern California: A Composite Perspective Based on a Network of Wind Profilers. <i>Monthly Weather Review</i> , 2013, 141, 4211-4233.	1.4	55
16	The Landfall and Inland Penetration of a Flood-Producing Atmospheric River in Arizona. Part II: Sensitivity of Modeled Precipitation to Terrain Height and Atmospheric River Orientation. <i>Journal of Hydrometeorology</i> , 2014, 15, 1954-1974.	1.9	45
17	A Seven-Year Wind Profiler-Based Climatology of the Windward Barrier Jet along California's Northern Sierra Nevada. <i>Monthly Weather Review</i> , 2010, 138, 1206-1233.	1.4	41
18	Forecasting Atmospheric Rivers during CalWater 2015. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 449-459.	3.3	41

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19	Landfalling Atmospheric Rivers, the Sierra Barrier Jet, and Extreme Daily Precipitation in Northern California's Upper Sacramento River Watershed. <i>Journal of Hydrometeorology</i> , 2016, 17, 1905-1914.	1.9	38
20	Implications of Detection Methods on Characterizing Atmospheric River Contribution to Seasonal Snowfall Across Sierra Nevada, USA. <i>Geophysical Research Letters</i> , 2017, 44, 10,445.	4.0	30
21	Radar Rain-Rate Estimators and Their Variability due to Rainfall Type: An Assessment Based on Hydrometeorology Testbed Data from the Southeastern United States. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 1345-1358.	1.5	25
22	Intercomparison of integrated water vapor retrievals from SSM/I and COSMIC. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	24
23	An Airborne Study of an Atmospheric River over the Subtropical Pacific during WISPAR: Dropsonde Budget-Box Diagnostics and Precipitation Impacts in Hawaii. <i>Monthly Weather Review</i> , 2014, 142, 3199-3223.	1.4	20
24	The Regional Influence of an Intense Sierra Barrier Jet and Landfalling Atmospheric River on Orographic Precipitation in Northern California: A Case Study. <i>Journal of Hydrometeorology</i> , 2014, 15, 1419-1439.	1.9	20
25	The NCAR's NOAA Global Hawk Dropsonde System. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018, 35, 1585-1604.	1.3	15
26	Extreme Precipitation Events in Northern California during Winter 2016-17: Multiscale Analysis and Climatological Perspective. <i>Monthly Weather Review</i> , 2020, 148, 1049-1074.	1.4	14
27	An Analysis of Coordinated Observations from NOAA's Ronald H. Brown Ship and G-IV Aircraft in a Landfalling Atmospheric River over the North Pacific during CalWater-2015. <i>Monthly Weather Review</i> , 2017, 145, 3647-3669.	1.4	13