

# Amulya Chevuturi

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

664  
citations

840776

11  
h-index

752698

20  
g-index

39  
all docs

39  
docs citations

39  
times ranked

813  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloudbursts in Indian Himalayas: A review. <i>Earth-Science Reviews</i> , 2017, 168, 1-23.	9.1	131
2	Climate change over Leh (Ladakh), India. <i>Theoretical and Applied Climatology</i> , 2018, 131, 531-545.	2.8	71
3	Projected Changes in the Asian–Australian Monsoon Region in 1.5°C and 2.0°C Global Warming Scenarios. <i>Earth's Future</i> , 2018, 6, 339-358.	6.3	65
4	Model sensitivity analysis study for western disturbances over the Himalayas. <i>Meteorology and Atmospheric Physics</i> , 2014, 123, 155-180.	2.0	52
5	Investigation of Uttarakhand (India) disaster-2013 using weather research and forecasting model. <i>Natural Hazards</i> , 2016, 82, 1703-1726.	3.4	48
6	Predictability of South China Sea Summer Monsoon Onset. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 253-260.	4.3	40
7	Vegetation forcing modulates global land monsoon and water resources in a CO <sub>2</sub> -enriched climate. <i>Nature Communications</i> , 2020, 11, 5184.	12.8	37
8	Moisture Sources for East Asian Precipitation: Mean Seasonal Cycle and Interannual Variability. <i>Journal of Hydrometeorology</i> , 2019, 20, 657-672.	1.9	35
9	Numerical simulation of an intense precipitation event over Rudraprayag in the central Himalayas during 13–14 September 2012. <i>Journal of Earth System Science</i> , 2015, 124, 1545-1561.	1.3	30
10	Western Disturbances - An Indian Meteorological Perspective. , 2016, , .		27
11	Indian summer monsoon onset forecast skill in the UK Met Office initialized coupled seasonal forecasting system (GloSea5-GC2). <i>Climate Dynamics</i> , 2019, 52, 6599-6617.	3.8	24
12	Forecast skill of the Indian monsoon and its onset in the ECMWF seasonal forecasting system 5 (SEAS5). <i>Climate Dynamics</i> , 2021, 56, 2941-2957.	3.8	17
13	Assessing the representation of South American monsoon features in Brazil and U.K. climate model simulations. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	2.3	13
14	Subseasonal Prediction Performance for Austral Summer South American Rainfall. <i>Weather and Forecasting</i> , 2021, 36, 147-169.	1.4	12
15	Numerical simulation of a rare winter hailstorm event over Delhi, India on 17 January 2013. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 3331-3344.	3.6	11
16	Inter-comparison of physical processes associated with winter and non-winter hailstorms using the weather research and forecasting (WRF) model. <i>Modeling Earth Systems and Environment</i> , 2015, 1, 1.	3.4	9
17	Uncertainty in aerosol radiative forcing impacts the simulated global monsoon in the 20th century. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14903-14915.	4.9	7
18	Role of atmospheric horizontal resolution in simulating tropical and subtropical South American precipitation in HadGEM3-GC31. <i>Geoscientific Model Development</i> , 2020, 13, 4749-4771.	3.6	6

#	ARTICLE	IF	CITATIONS
19	Forecasting annual maximum water level for the Negro River at Manaus. <i>Climate Resilience and Sustainability</i> , 0, , e18.	2.3	5
20	Effects of horizontal resolution and air-sea coupling on simulated moisture source for East Asian precipitation in MetUM GA6/GC2. <i>Geoscientific Model Development</i> , 2020, 13, 6011-6028.	3.6	5
21	Western Disturbances Structure. , 2016, , 1-26.		4
22	Subseasonal prediction performance for South American land-atmosphere coupling in extended austral summer. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	2.3	4
23	Western Disturbances Impacts and Climate Change. , 2016, , 113-127.		3
24	Projected Changes in the East Asian Hydrological Cycle for Different Levels of Future Global Warming. <i>Atmosphere</i> , 2022, 13, 405.	2.3	3
25	A perspective for advancing climate prediction services in Brazil. <i>Climate Resilience and Sustainability</i> , 0, , .	2.3	2
26	Western Disturbances Indian Winter Monsoon. , 2016, , 83-111.		1
27	Winter Hailstorm over New Delhi, India. , 2016, , 867-871.		0
28	Variability and changes in Pearl River Delta water level: oceanic and atmospheric forcing perspectives. <i>Journal of Hydrometeorology</i> , 2021, , .	1.9	0
29	Western Disturbances Dynamics and Thermodynamics. , 2016, , 27-59.		0
30	Western Disturbances Indian Seasons. , 2016, , 61-82.		0