

Amulya Chevuturi

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

664
citations

840776

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39
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docs citations

39
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813
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Subseasonal prediction performance for South American land-atmosphere coupling in extended austral summer. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	2.3	4
3	Projected Changes in the East Asian Hydrological Cycle for Different Levels of Future Global Warming. <i>Atmosphere</i> , 2022, 13, 405.	2.3	3
4	Subseasonal Prediction Performance for Austral Summer South American Rainfall. <i>Weather and Forecasting</i> , 2021, 36, 147-169.	1.4	12
5	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
6	Variability and changes in Pearl River Delta water level: oceanic and atmospheric forcing perspectives. <i>Journal of Hydrometeorology</i> , 2021, , .	1.9	0
7	Vegetation forcing modulates global land monsoon and water resources in a CO ₂ -enriched climate. <i>Nature Communications</i> , 2020, 11, 5184.	12.8	37
8	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
9	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
10	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
11	Predictability of South China Sea Summer Monsoon Onset. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 253-260.	4.3	40
12	Moisture Sources for East Asian Precipitation: Mean Seasonal Cycle and Interannual Variability. <i>Journal of Hydrometeorology</i> , 2019, 20, 657-672.	1.9	35
13	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
14	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
15	Climate change over Leh (Ladakh), India. <i>Theoretical and Applied Climatology</i> , 2018, 131, 531-545.	2.8	71
16	Cloudbursts in Indian Himalayas: A review. <i>Earth-Science Reviews</i> , 2017, 168, 1-23.	9.1	131
17	Investigation of Uttarakhand (India) disaster-2013 using weather research and forecasting model. <i>Natural Hazards</i> , 2016, 82, 1703-1726.	3.4	48
18	Western Disturbances Structure. , 2016, , 1-26.		4

#	ARTICLE	IF	CITATIONS
19	Western Disturbances - An Indian Meteorological Perspective. , 2016, , .		27
20	Winter Hailstorm over New Delhi, India. , 2016, , 867-871.		0
21	Western Disturbances â€™ Impacts and Climate Change. , 2016, , 113-127.		3
22	Western Disturbances â€™ Dynamics and Thermodynamics. , 2016, , 27-59.		0
23	Western Disturbances â€™ Indian Winter Monsoon. , 2016, , 83-111.		1
24	Western Disturbances â€™ Indian Seasons. , 2016, , 61-82.		0
25	Numerical simulation of an intense precipitation event over Rudraprayag in the central Himalayas during 13â€™14 September 2012. Journal of Earth System Science, 2015, 124, 1545-1561.	1.3	30
26	Inter-comparison of physical processes associated with winter and non-winter hailstorms using the weather research and forecasting (WRF) model. Modeling Earth Systems and Environment, 2015, 1, 1.	3.4	9
27	Numerical simulation of a rare winter hailstorm event over Delhi, India on 17 January 2013. Natural Hazards and Earth System Sciences, 2014, 14, 3331-3344.	3.6	11
28	Model sensitivity analysis study for western disturbances over the Himalayas. Meteorology and Atmospheric Physics, 2014, 123, 155-180.	2.0	52
29	Forecasting annual maximum water level for the Negro River at Manaus. Climate Resilience and Sustainability, 0, , e18.	2.3	5
30	A perspective for advancing climate prediction services in Brazil. Climate Resilience and Sustainability, 0, , .	2.3	2