

# T N Krishnamurti

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

889  
citations

840776

11  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of northward propagating intraseasonal oscillation in the Indian summer monsoon. <i>Climate Dynamics</i> , 2019, 52, 1903-1916.	3.8	23
2	Decadal surface temperature trends in India based on a new high-resolution data set. <i>Scientific Reports</i> , 2018, 8, 7452.	3.3	82
3	Improvements in Hurricane Intensity Forecasts from a Multimodel Superensemble Utilizing a Generalized Neural Network Technique. <i>Weather and Forecasting</i> , 2018, 33, 873-885.	1.4	14
4	Scale interaction during an extreme rain event over southeast India. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1442-1458.	2.7	17
5	March of buoyancy elements during extreme rainfall over India. <i>Climate Dynamics</i> , 2017, 48, 1931-1951.	3.8	21
6	Prediction of a thermodynamic wave train from the monsoon to the Arctic following extreme rainfall events. <i>Climate Dynamics</i> , 2017, 48, 2315-2337.	3.8	4
7	A Mechanism of the MJO Invoking Scale Interactions. <i>Meteorological Monographs</i> , 2016, 56, 5.1-5.16.	5.0	10
8	A review of multimodel superensemble forecasting for weather, seasonal climate, and hurricanes. <i>Reviews of Geophysics</i> , 2016, 54, 336-377.	23.0	55
9	Mesoscale modeling for the rapid movement of monsoonal isochrones. <i>Atmospheric Science Letters</i> , 2016, 17, 78-86.	1.9	7
10	A comparative study of the role of the Saharan air layer in the evolution of two disparate Atlantic tropical cyclones using WRF model simulations and energetics calculations. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 1-22.	2.0	3
11	A Pathway Connecting the Monsoonal Heating to the Rapid Arctic Ice Melt*. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 5-34.	1.7	27
12	Rainfall anomaly prediction using statistical downscaling in a multimodel superensemble over tropical South America. <i>Climate Dynamics</i> , 2014, 43, 1731-1752.	3.8	7
13	Impacts of enhanced CCN on the organization of convection and recent reduced counts of monsoon depressions. <i>Climate Dynamics</i> , 2013, 41, 117-134.	3.8	34
14	Lead time for medium range prediction of the dry spell of monsoon using multi-models. <i>Journal of Earth System Science</i> , 2013, 122, 991-1004.	1.3	4
15	Absorbing aerosol-induced change in the early monsoon Arabian Sea low-level jet: Modeled transfer from anomalous heating to nondivergent kinetic energy. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 12,566.	3.3	1
16	Improved Seasonal Precipitation Forecasts for the Asian Monsoon Using 16 Atmosphere-Ocean Coupled Models. Part I: Climatology. <i>Journal of Climate</i> , 2012, 25, 39-64.	3.2	13
17	Interactions of Diabatic Heating in Convective Superbursts with Energy Conversion Processes in the Genesis of Cape Verde Hurricanes from African Easterly Waves. <i>Monthly Weather Review</i> , 2012, 140, 748-773.	1.4	4
18	Observing System Simulation Experiment for Global Precipitation Mission. <i>Pure and Applied Geophysics</i> , 2012, 169, 353-365.	1.9	0

#	ARTICLE	IF	CITATIONS
19	Kinetic energy exchanges between the time scales of ENSO and the Pacific decadal oscillation. <i>Meteorology and Atmospheric Physics</i> , 2011, 114, 95-105.	2.0	3
20	Divergent Circulations on the 30 to 50 Day Time Scale. <i>Journals of the Atmospheric Sciences</i> , 1985, 42, 364-375.	1.7	141
21	The 30-50 Day Mode at 850 mb During MONEX. <i>Journals of the Atmospheric Sciences</i> , 1982, 39, 2088-2095.	1.7	419