

# Krishna AchutaRao

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

1,203  
citations

687363

13  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematizing the approach to air quality measurement and analysis in low and middle income countries. Environmental Research Letters, 2022, 17, 021004.	5.2	7
2	On the Emergence of Human Influence on Surface Air Temperature Changes Over India. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD032911.	3.3	3
3	Sensitivity of future climate change and uncertainty over India to performance-based model weighting. Climatic Change, 2020, 160, 385-406.	3.6	8
4	A modelling exploration of the sensitivity of the India's climate to irrigation. Climate Dynamics, 2020, 54, 1851-1872.	3.8	20
5	On the role of rainfall deficits and cropping choices in loss of agricultural yield in Marathwada, India. Environmental Research Letters, 2020, 15, 094029.	5.2	19
6	Temperature Changes in India. , 2020, , 21-45.		22
7	Quantifying uncertainty in twenty-first century climate change over India. Climate Dynamics, 2019, 52, 3905-3928.	3.8	18
8	Pushing our Limits: Insights from Biosphere 2. Conservation and Society, 2019, 17, 116.	0.8	0
9	Extreme heat in India and anthropogenic climate change. Natural Hazards and Earth System Sciences, 2018, 18, 365-381.	3.6	111
10	Human influence on sub-regional surface air temperature change over India. Scientific Reports, 2018, 8, 8967.	3.3	19
11	Half a degree additional warming, prognosis and projected impacts (HAPPI): background and experimental design. Geoscientific Model Development, 2017, 10, 571-583.	3.6	203
12	The Deadly Combination of Heat and Humidity in India and Pakistan in Summer 2015. Bulletin of the American Meteorological Society, 2016, 97, S81-S86.	3.3	81
13	Observational challenges in evaluating climate models. Nature Climate Change, 2013, 3, 940-941.	18.8	52
14	Evaluation of a CCSM3 Simulation with a Finite Volume Dynamical Core for the Atmosphere at 1° Latitude – 1.25° Longitude Resolution. Journal of Climate, 2008, 21, 1467-1486.	3.2	15
15	Krakatoa's signature persists in the ocean. Nature, 2006, 439, 675-675.	27.8	101
16	ENSO simulation in coupled ocean-atmosphere models: are the current models better?. Climate Dynamics, 2006, 27, 1-15.	3.8	233
17	Forced and unforced ocean temperature changes in Atlantic and Pacific tropical cyclogenesis regions. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13905-13910.	7.1	145
18	Simulation of the El Niño Southern Oscillation: Results from the Coupled Model Intercomparison Project. Climate Dynamics, 2002, 19, 191-209.	3.8	146