

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