

# Anant Parekh

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,072  
citations

489802

18  
h-index

563245

28  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1244  
citing authors

#	ARTICLE	IF	CITATIONS
1	A quantile mapping approach-based bias correction in Coupled Model Intercomparison Project Phase 5 models for decadal temperature predictions over India. <i>International Journal of Climatology</i> , 2022, 42, 2455-2469.	1.5	4
2	Prolonged La Niña events and the associated heat distribution in the Tropical Indian Ocean. <i>Climate Dynamics</i> , 2022, 58, 2351-2369.	1.7	6
3	Application of precipitation isotopes in pursuit of paleomonsoon reconstruction: An Indian perspective. , 2022, , 413-428.		0
4	Dynamical and moist thermodynamical processes associated with Western Ghats rainfall decadal variability. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	9
5	Region-specific performances of isotope enabled general circulation models for Indian summer monsoon and the factors controlling isotope biases. <i>Climate Dynamics</i> , 2022, 59, 3599-3619.	1.7	4
6	Interdecadal modulation of interannual ENSO-Indian summer monsoon rainfall teleconnections in observations and CMIP6 models: Regional patterns. <i>International Journal of Climatology</i> , 2021, 41, 2528-2552.	1.5	18
7	Teleconnections between the Indian summer monsoon and climate variability: a proxy perspective. , 2021, , 131-154.		2
8	The sea level variability and its projections over the Indo-Pacific Ocean in CMIP5 models. <i>Climate Dynamics</i> , 2021, 57, 173-193.	1.7	4
9	Influence of multi-mission chlorophyll-a data on the simulation of upper ocean thermal structure in the eastern Pacific Ocean. <i>International Journal of Remote Sensing</i> , 2021, 42, 3445-3455.	1.3	0
10	Assessment of CMIP6 models' skill for tropical Indian Ocean sea surface temperature variability. <i>International Journal of Climatology</i> , 2021, 41, 2568-2588.	1.5	17
11	Impact of excess and deficit river runoff on Bay of Bengal upper ocean characteristics using an ocean general circulation model. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 172, 104714.	0.6	24
12	Decadal variability of tropical Indian Ocean sea surface temperature and its impact on the Indian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2020, 141, 551-566.	1.3	16
13	Signatures of monsoon intra-seasonal oscillation and stratiform process in rain isotope variability in northern Bay of Bengal and their simulation by isotope enabled general circulation model. <i>Climate Dynamics</i> , 2020, 55, 1649-1663.	1.7	7
14	Indian Ocean Warming. , 2020, , 191-206.		35
15	Evaluation of Upper Tropospheric Humidity in WRF Model during Indian Summer Monsoon. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 575-588.	1.3	3
16	Impact of differences in the decaying phase of El Niño on South and East Asia summer monsoon in CMIP5 models. <i>International Journal of Climatology</i> , 2019, 39, 5503-5521.	1.5	7
17	The role of the Indian Summer Monsoon variability on Arabian Peninsula summer climate. <i>Climate Dynamics</i> , 2019, 52, 3389-3404.	1.7	37
18	The Tropical Indian Ocean decadal sea level response to the Pacific Decadal Oscillation forcing. <i>Climate Dynamics</i> , 2019, 52, 5045-5058.	1.7	41

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19	Biases in the Tropical Indian Ocean subsurface temperature variability in a coupled model. <i>Climate Dynamics</i> , 2019, 52, 5325-5344.	1.7	2
20	Month-to-month variability of Indian summer monsoon rainfall in 2016: role of the Indo-Pacific climatic conditions. <i>Climate Dynamics</i> , 2019, 52, 1157-1171.	1.7	5
21	Recent changes in the summer monsoon circulation and their impact on dynamics and thermodynamics of the Arabian Sea. <i>Theoretical and Applied Climatology</i> , 2019, 136, 321-331.	1.3	14
22	Influence of the Pacific "Japan Pattern on Indian Summer Monsoon Rainfall. <i>Journal of Climate</i> , 2018, 31, 3943-3958.	1.2	39
23	Inter comparison of Tropical Indian Ocean features in different ocean reanalysis products. <i>Climate Dynamics</i> , 2018, 51, 119-141.	1.7	30
24	Indian summer monsoon rainfall variability during 2014 and 2015 and associated Indo-Pacific upper ocean temperature patterns. <i>Theoretical and Applied Climatology</i> , 2018, 131, 1235-1247.	1.3	9
25	Reanalysis of the Indian summer monsoon: four dimensional data assimilation of AIRS retrievals in a regional data assimilation and modeling framework. <i>Climate Dynamics</i> , 2018, 50, 2905-2923.	1.7	16
26	Association between mean and interannual equatorial Indian Ocean subsurface temperature bias in a coupled model. <i>Climate Dynamics</i> , 2018, 50, 1659-1673.	1.7	13
27	Indian Summer Monsoon Sub-seasonal Low-Level Circulation Predictability and its Association with Rainfall in a Coupled Model. <i>Pure and Applied Geophysics</i> , 2018, 175, 449-463.	0.8	3
28	Role of Ocean Initial Conditions to Diminish Dry Bias in the Seasonal Prediction of Indian Summer Monsoon Rainfall: A Case Study Using Climate Forecast System. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 603-616.	1.3	13
29	Impact of satellite data assimilation on the predictability of monsoon intraseasonal oscillations in a regional model. <i>Remote Sensing Letters</i> , 2017, 8, 686-695.	0.6	4
30	Indian summer monsoon rainfall variability in response to differences in the decay phase of El Niño. <i>Climate Dynamics</i> , 2017, 48, 2707-2727.	1.7	65
31	Sea Level Variability and Trends in the North Indian Ocean. <i>Springer Geology</i> , 2017, , 181-192.	0.2	4
32	Impact of upper ocean processes and air-sea fluxes on seasonal SST biases over the tropical Indian Ocean in the NCEP Climate Forecasting System. <i>International Journal of Climatology</i> , 2016, 36, 188-207.	1.5	18
33	Processes Associated with the Tropical Indian Ocean Subsurface Temperature Bias in a Coupled Model. <i>Journal of Physical Oceanography</i> , 2016, 46, 2863-2875.	0.7	18
34	Tropical Indian Ocean response to the decay phase of El Niño in a coupled model and associated changes in south and east-Asian summer monsoon circulation and rainfall. <i>Climate Dynamics</i> , 2016, 47, 831-844.	1.7	19
35	Tropical Indian Ocean surface salinity bias in Climate Forecasting System coupled models and the role of upper ocean processes. <i>Climate Dynamics</i> , 2016, 46, 2403-2422.	1.7	14
36	Interannual variability of upper ocean stratification in Bay of Bengal: observational and modeling aspects. <i>Theoretical and Applied Climatology</i> , 2016, 126, 285-301.	1.3	17

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37	Arabian Sea <sc>SST</sc> evolution during spring to summer transition period and the associated processes in coupled climate models. International Journal of Climatology, 2016, 36, 2541-2554.	1.5	13
38	Evaluation of the impact of AIRS profiles on prediction of Indian summer monsoon using WRF variational data assimilation system. Journal of Geophysical Research D: Atmospheres, 2015, 120, 8112-8131.	1.2	22
39	Assessment of the Indian summer monsoon in the WRF regional climate model. Climate Dynamics, 2015, 44, 3077-3100.	1.7	56
40	Role of upper ocean processes in the seasonal SST evolution over tropical Indian Ocean in climate forecasting system. Climate Dynamics, 2015, 45, 2387-2405.	1.7	18
41	Estimation of Improvement in Indian Summer Monsoon Circulation by Assimilation of Satellite Retrieved Temperature Profiles in WRF Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1591-1600.	2.3	11
42	Seasonal Prediction of Distinct Climate Anomalies in Summer 2010 over the Tropical Indian Ocean and South Asia. Journal of the Meteorological Society of Japan, 2014, 92, 1-16.	0.7	19
43	Evolution of Vertical Moist Thermodynamic Structure Associated with the Indian Summer Monsoon 2010 in a Regional Climate Model. Pure and Applied Geophysics, 2014, 171, 1499-1518.	0.8	18
44	Impact of satellite-retrieved atmospheric temperature profiles assimilation on Asian summer monsoon 2010 simulation. Theoretical and Applied Climatology, 2014, 116, 317-326.	1.3	17
45	Summer monsoon circulation and precipitation over the tropical Indian Ocean during ENSO in the NCEP climate forecast system. Climate Dynamics, 2014, 42, 1925-1947.	1.7	19
46	Inter-decadal modulation of ENSO teleconnections to the Indian Ocean in a coupled model: Special emphasis on decay phase of El Niño. Global and Planetary Change, 2014, 112, 33-40.	1.6	20
47	Evaluation of Oceansat-2-Derived Ocean Surface Winds Using Observations From Global Buoys and Other Scatterometers. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2571-2576.	2.7	30
48	Comparison of a simple logarithmic and equivalent neutral wind approaches for converting buoy-measured wind speed to the standard height: special emphasis to North Indian Ocean. Theoretical and Applied Climatology, 2013, 111, 455-463.	1.3	6
49	Vertical variation of oxygen isotope in Bay of Bengal and its relationships with water masses. Journal of Geophysical Research: Oceans, 2013, 118, 6411-6424.	1.0	37
50	Dynamics of east-west asymmetry of Indian summer monsoon rainfall trends in recent decades. Geophysical Research Letters, 2012, 39, .	1.5	61
51	Evaporation-precipitation variability over Indian Ocean and its assessment in NCEP Climate Forecast System (CFSv2). Climate Dynamics, 2012, 39, 2585-2608.	1.7	62
52	Argo observations of barrier layer in the tropical Indian Ocean. Advances in Space Research, 2012, 50, 642-654.	1.2	43
53	Impact of improved momentum transfer coefficients on the dynamics and thermodynamics of the north Indian Ocean. Journal of Geophysical Research, 2011, 116, .	3.3	14
54	Bimodal variation of SST and related physical processes over the North Indian Ocean: special emphasis on satellite observations. International Journal of Remote Sensing, 2009, 30, 5865-5876.	1.3	7

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55	Covariation in subskinâ€bulk temperature difference with environmental parameters in the north Indian Ocean. <i>International Journal of Remote Sensing</i> , 2009, 30, 2049-2059.	1.3	1
56	North Indian Ocean warming and sea level rise in an OGCM. <i>Journal of Earth System Science</i> , 2008, 117, 169-178.	0.6	20
57	A Comparative Assessment of Surface Wind Speed and Sea Surface Temperature over the Indian Ocean by TMI, MSMR, and ERA-40. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007, 24, 1131-1142.	0.5	26
58	Bay of Bengal summer monsoon 10â€20 day variability in sea surface temperature using model and observations. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	11
59	Surface winds in The Arabian Sea from MSMR â€” an Empirical approach. <i>Journal of the Indian Society of Remote Sensing</i> , 2005, 33, 121-126.	1.2	2
60	Relationship between the Indo-western Pacific Ocean capacitor mode and Indian summer monsoon rainfall in CMIP6 models. <i>Climate Dynamics</i> , 0, , 1.	1.7	2