

S Chowdary Jasti

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9240681/s-chowdary-jasti-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

1,843

citations

21

h-index

40

g-index

91

ext. papers

2,254

ext. citations

3.5

avg. IF

5.13

L-index

#	Paper	IF	Citations
88	Evolution and collapse of Arabian Sea warm pool during two contrasting monsoons 2002 and 2003. <i>Mausam</i> , 2022 , 56, 187-200	0.8	5
87	Increasing 2020-Like Boreal Summer Rainfall Extremes Over Northeast Indian Subcontinent Under Greenhouse Warming. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	0
86	Assessment of CMIP6 models skill for tropical Indian Ocean sea surface temperature variability. <i>International Journal of Climatology</i> , 2021 , 41, 2568-2588	3.5	2
85	Decadal prediction skill for spring and summer surface air-temperature over India and its association with SST patterns in CFSv2 and CNRM coupled models. <i>Journal of Earth System Science</i> , 2021 , 130, 1	1.8	
84	Assessment of APCC models fidelity in simulating the Northeast monsoon rainfall variability over Southern Peninsular India. <i>Theoretical and Applied Climatology</i> , 2021 , 144, 931-948	3	
83	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	3.5	3
82	Drivers of the Indian summer monsoon climate variability 2021 , 1-28		0
81	Teleconnection along the Asian jet stream and its association with the Asian summer monsoon 2021 , 287-298		2
80	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	3.1	
79	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	3	3
78	Diversity in ENSO remote connection to northeast monsoon rainfall in observations and CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2020 , 141, 827-839	3	3
77	Asymmetry in the tropical Indian Ocean subsurface temperature variability. <i>Dynamics of Atmospheres and Oceans</i> , 2020 , 90, 101142	1.9	6
76	Sensitivity of Subsurface Processes of Equatorial Pacific Ocean to the Heat and Momentum Fluxes: A Case Study of 1997-98 El Niño. <i>Journal of Coastal Research</i> , 2020 , 89, 26	0.6	1
75	Indian Ocean Warming 2020 , 191-206		13
74	Precipitation Changes in India 2020 , 47-72		11
73	Interdecadal modulation of the Indo-western Pacific Ocean Capacitor mode and its influence on Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2020 , 54, 1761-1777	4.2	5
72	Impact of El Niño Modoki on Indian summer monsoon rainfall: Role of western north Pacific circulation in observations and CMIP5 models. <i>International Journal of Climatology</i> , 2020 , 40, 2117-2133	3.5	13

71	Evaluation of Upper Tropospheric Humidity in WRF Model during Indian Summer Monsoon. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019 , 55, 575-588	2.1	1
70	The Eurasian Jet Streams as Conduits for East Asian Monsoon Variability. <i>Current Climate Change Reports</i> , 2019 , 5, 233-244	9	30
69	Impact of the Indo-Western Pacific Ocean Capacitor mode on South Asian summer monsoon rainfall. <i>Climate Dynamics</i> , 2019 , 53, 2327-2338	4.2	25
68	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	3.5	4
67	Evolution of Sea Surface Salinity Anomalies in the Southwestern Tropical Indian Ocean During 2010-2011 Influenced by a Negative IOD Event. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 3428-3445	3.3	7
66	Surface air temperature variability over the Arabian Peninsula and its links to circulation patterns. <i>International Journal of Climatology</i> , 2019 , 39, 445-464	3.5	31
65	Northeast monsoon rainfall variability over the southern Peninsular India associated with multiyear La Niña events. <i>Climate Dynamics</i> , 2019 , 53, 6265-6291	4.2	2
64	Coupled effects of ocean current on wind stress in the Bay of Bengal: Eddy energetics and upper ocean stratification. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019 , 168, 104617	2.3	8
63	The role of the Indian Summer Monsoon variability on Arabian Peninsula summer climate. <i>Climate Dynamics</i> , 2019 , 52, 3389-3404	4.2	27
62	The Tropical Indian Ocean decadal sea level response to the Pacific Decadal Oscillation forcing. <i>Climate Dynamics</i> , 2019 , 52, 5045-5058	4.2	30
61	Biases in the Tropical Indian Ocean subsurface temperature variability in a coupled model. <i>Climate Dynamics</i> , 2019 , 52, 5325-5344	4.2	2
60	Impact of multiyear La Niña events on the South and East Asian summer monsoon rainfall in observations and CMIP5 models. <i>Climate Dynamics</i> , 2019 , 52, 6989-7011	4.2	2
59	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	4.2	5
58	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	3	6
57	Influence of the Pacific-Japan Pattern on Indian Summer Monsoon Rainfall. <i>Journal of Climate</i> , 2018 , 31, 3943-3958	4.4	29
56	Inter comparison of Tropical Indian Ocean features in different ocean reanalysis products. <i>Climate Dynamics</i> , 2018 , 51, 119-141	4.2	18
55	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	3	8
54	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	4.2	12

53	Diversity in the representation of large-scale circulation associated with ENSO-Indian summer monsoon teleconnections in CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2018 , 132, 465-478	3	14
52	The interannual sea level variability in the Indian Ocean as simulated by an Ocean General Circulation Model. <i>International Journal of Climatology</i> , 2018 , 38, 1132-1144	3.5	17
51	Role of ocean-atmosphere interactions in modulating the 2016 La Niña like pattern over the tropical Pacific. <i>Dynamics of Atmospheres and Oceans</i> , 2018 , 83, 100-110	1.9	3
50	Tropospheric biennial oscillation and south Asian summer monsoon rainfall in a coupled model. <i>Journal of Earth System Science</i> , 2018 , 127, 1	1.8	2
49	Atlantic Niña modulation of the Indian summer monsoon through Asian jet. <i>Npj Climate and Atmospheric Science</i> , 2018 , 1,	8	25
48	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	7.1	8
47	Association between mean and interannual equatorial Indian Ocean subsurface temperature bias in a coupled model. <i>Climate Dynamics</i> , 2018 , 50, 1659-1673	4.2	11
46	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	2.2	1
45	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	2.3	3
44	Interannual spring Wyrтки jet variability and its regional impacts. <i>Dynamics of Atmospheres and Oceans</i> , 2017 , 78, 26-37	1.9	8
43	Response of the tropical Indian Ocean SST to decay phase of La Niña and associated processes. <i>Dynamics of Atmospheres and Oceans</i> , 2017 , 80, 110-123	1.9	2
42	Indian summer monsoon rainfall variability in response to differences in the decay phase of El Niño. <i>Climate Dynamics</i> , 2017 , 48, 2707-2727	4.2	48
41	Sea Level Variability and Trends in the North Indian Ocean. <i>Springer Geology</i> , 2017 , 181-192	0.8	3
40	North-East monsoon rainfall extremes over the southern peninsular India and their association with El Niño. <i>Dynamics of Atmospheres and Oceans</i> , 2017 , 80, 1-11	1.9	8
39	Processes Associated with the Tropical Indian Ocean Subsurface Temperature Bias in a Coupled Model. <i>Journal of Physical Oceanography</i> , 2016 , 46, 2863-2875	2.4	15
38	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	4.2	15
37	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	4.2	13
36	Indian summer monsoon intra-seasonal oscillation associated with the developing and decaying phase of El Niño. <i>International Journal of Climatology</i> , 2016 , 36, 1846-1862	3.5	18

35	Arabian Sea SST evolution during spring to summer transition period and the associated processes in coupled climate models. <i>International Journal of Climatology</i> , 2016 , 36, 2541-2554	3.5	11
34	Representation of Bay of Bengal Upper-Ocean Salinity in General Circulation Models. <i>Oceanography</i> , 2016 , 29, 38-49	2.3	20
33	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	3.5	15
32	Indo-western Pacific ocean capacitor and coherent climate anomalies in post-ENSO summer: A review. <i>Advances in Atmospheric Sciences</i> , 2016 , 33, 411-432	2.9	329
31	Assessment of the Indian summer monsoon in the WRF regional climate model. <i>Climate Dynamics</i> , 2015 , 44, 3077-3100	4.2	44
30	Role of upper ocean processes in the seasonal SST evolution over tropical Indian Ocean in climate forecasting system. <i>Climate Dynamics</i> , 2015 , 45, 2387-2405	4.2	16
29	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 1591-1600	4.7	11
28	Subseasonal variations of Indian summer monsoon with special emphasis on drought and excess rainfall years. <i>International Journal of Climatology</i> , 2015 , 35, 570-582	3.5	13
27	Role of tropical Indian Ocean air-sea interactions in modulating Indian summer monsoon in a coupled model. <i>Atmospheric Science Letters</i> , 2015 , 16, 170-176	2.4	27
26	Inter-decadal modulation of ENSO teleconnections to the Indian Ocean in a coupled model: Special emphasis on decay phase of El Niño. <i>Global and Planetary Change</i> , 2014 , 112, 33-40	4.2	15
25	The role of Arabian Sea in the evolution of Indian Ocean Dipole. <i>International Journal of Climatology</i> , 2014 , 34, 1845-1859	3.5	9
24	Relative role of El Niño and IOD forcing on the southern tropical Indian Ocean Rossby waves. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 5105-5122	3.3	34
23	Interannual variability of surface air-temperature over India: impact of ENSO and Indian Ocean Sea surface temperature. <i>International Journal of Climatology</i> , 2014 , 34, 416-429	3.5	24
22	Seasonal Prediction of Distinct Climate Anomalies in Summer 2010 over the Tropical Indian Ocean and South Asia. <i>Journal of the Meteorological Society of Japan</i> , 2014 , 92, 1-16	2.8	15
21	Impact of satellite-retrieved atmospheric temperature profiles assimilation on Asian summer monsoon 2010 simulation. <i>Theoretical and Applied Climatology</i> , 2014 , 116, 317-326	3	16
20	Role of thermocline-SST coupling in the evolution of IOD events and their regional impacts. <i>Climate Dynamics</i> , 2014 , 43, 163-174	4.2	17
19	Summer monsoon circulation and precipitation over the tropical Indian Ocean during ENSO in the NCEP climate forecast system. <i>Climate Dynamics</i> , 2014 , 42, 1925-1947	4.2	17
18	Epochal changes in the seasonal evolution of tropical Indian Ocean warming associated with El Niño. <i>Climate Dynamics</i> , 2014 , 42, 805-822	4.2	18

17	Indian summer monsoon rainfall predictability and variability associated with Northwest Pacific circulation in a suit of coupled model hindcasts. <i>Theoretical and Applied Climatology</i> , 2014 , 118, 69-79	3	7
16	Spring asymmetric mode in the tropical Indian Ocean: role of El Niño and IOD. <i>Climate Dynamics</i> , 2013 , 40, 1467-1481	4.2	32
15	Impact of Northwest Pacific anticyclone on the Indian summer monsoon region. <i>Theoretical and Applied Climatology</i> , 2013 , 113, 329-336	3	27
14	Impact of prolonged La Niña events on the Indian Ocean with a special emphasis on southwest Tropical Indian Ocean SST. <i>Global and Planetary Change</i> , 2013 , 100, 28-37	4.2	21
13	Impact of tropical cyclones on the intensity and phase propagation of fall Wyrki jets. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	13
12	Limitations of Seasonal Predictability for Summer Climate over East Asia and the Northwestern Pacific. <i>Journal of Climate</i> , 2012 , 25, 7574-7589	4.4	122
11	Interdecadal Variations in ENSO Teleconnection to the IndoWestern Pacific for 1870-2007. <i>Journal of Climate</i> , 2012 , 25, 1722-1744	4.4	96
10	Predictability of Northwest Pacific climate during summer and the role of the tropical Indian Ocean. <i>Climate Dynamics</i> , 2011 , 36, 607-621	4.2	90
9	Predictability of summer northwest Pacific climate in 11 coupled model hindcasts: Local and remote forcing. <i>Journal of Geophysical Research</i> , 2010 , 115,		74
8	Westward propagation of barrier layer formation in the 2006-07 Rossby wave event over the tropical southwest Indian Ocean. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	64
7	Basin-wide warming of the Indian Ocean during El Niño and Indian Ocean dipole years. <i>International Journal of Climatology</i> , 2007 , 27, 1421-1438	3.5	79
6	Changing trends in the tropical Indian Ocean SST during La Niña years. <i>Geophysical Research Letters</i> , 2006 , 33, n/a-n/a	4.9	17
5	A study on the variability of atmospheric and oceanic processes over the Arabian Sea during contrasting monsoons. <i>Meteorology and Atmospheric Physics</i> , 2006 , 94, 65-85	2	11
4	Water mass properties and transports in the Arabian Sea from Argo observations. <i>Vital</i> , 2005 , 10, 235-260		6
3	Relationship between the Indo-western Pacific Ocean capacitor mode and Indian summer monsoon rainfall in CMIP6 models. <i>Climate Dynamics</i> ,1	4.2	1
2	Prolonged La Niña events and the associated heat distribution in the Tropical Indian Ocean. <i>Climate Dynamics</i> ,1	4.2	0
1	Meridional displacement of the Asian jet and its impact on Indian summer monsoon rainfall in observations and CFSv2 hindcast. <i>Climate Dynamics</i> ,1	4.2	3