

S S C Sheno

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,855
citations

279487

23
h-index

377514

34
g-index

34
all docs

34
docs citations

34
times ranked

1621
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrography and circulation in the western Bay of Bengal during the northeast monsoon. <i>Journal of Geophysical Research</i> , 1996, 101, 14011-14025.	3.3	355
2	Differences in heat budgets of the near-surface Arabian Sea and Bay of Bengal: Implications for the summer monsoon. <i>Journal of Geophysical Research</i> , 2002, 107, 5-1.	3.3	321
3	Hydrography and circulation off the west coast of India during the Southwest Monsoon 1987. <i>Journal of Marine Research</i> , 1990, 48, 359-378.	0.3	226
4	Surface freshwater from Bay of Bengal runoff and Indonesian Throughflow in the tropical Indian Ocean. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	217
5	The western boundary current of the seasonal subtropical gyre in the Bay of Bengal. <i>Journal of Geophysical Research</i> , 1993, 98, 945-954.	3.3	201
6	Basin-wide seasonal evolution of the Indian Ocean's phytoplankton blooms. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	182
7	On the sea surface temperature high in the Lakshadweep Sea before the onset of the southwest monsoon. <i>Journal of Geophysical Research</i> , 1999, 104, 15703-15712.	3.3	122
8	A new atlas of temperature and salinity for the North Indian Ocean. <i>Journal of Earth System Science</i> , 2012, 121, 559-593.	0.6	120
9	Spatiotemporal structure of the East India Coastal Current from satellite altimetry. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	112
10	Simulated Seasonal and Interannual Variability of the Mixed Layer Heat Budget in the Northern Indian Ocean*. <i>Journal of Climate</i> , 2007, 20, 3249-3268.	1.2	111
11	Near-surface circulation and kinetic energy in the tropical Indian Ocean derived from Lagrangian drifters. <i>Journal of Marine Research</i> , 1999, 57, 885-907.	0.3	102
12	Impact of temperature inversions on SST evolution in the South-Eastern Arabian Sea during the pre-summer monsoon season. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	75
13	Modeling the Barrier-Layer Formation in the Southeastern Arabian Sea*. <i>Journal of Climate</i> , 2007, 20, 2109-2120.	1.2	66
14	Intraseasonal response of the northern Indian Ocean coastal waveguide to the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	65
15	On the decreasing trend of the number of monsoon depressions in the Bay of Bengal. <i>Environmental Research Letters</i> , 2016, 11, 014011.	2.2	64
16	Monsoon Mission: A Targeted Activity to Improve Monsoon Prediction across Scales. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 2509-2532.	1.7	64
17	Circulation and water masses of the Arabian Sea. <i>Journal of Earth System Science</i> , 1994, 103, 107-123.	0.6	58
18	Remote forcing annihilates barrier layer in southeastern Arabian Sea. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	57

#	ARTICLE	IF	CITATIONS
19	Observational evidence for westward propagation of temperature inversions in the southeastern Arabian Sea. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	57
20	Observational evidence from direct current measurements for propagation of remotely forced waves on the shelf off the west coast of India. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	47
21	Hydrography of the eastern Arabian Sea during summer monsoon 2002. <i>Journal of Earth System Science</i> , 2005, 114, 459-474.	0.6	44
22	Hydrography and water masses in the southeastern Arabian Sea during March–June 2003. <i>Journal of Earth System Science</i> , 2005, 114, 475-491.	0.6	42
23	An assessment on oil spill trajectory prediction: Case study on oil spill off Ennore Port. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	26
24	On the diurnal ranges of Sea Surface Temperature (SST) in the north Indian Ocean. <i>Journal of Earth System Science</i> , 2009, 118, 483-496.	0.6	24
25	High-Resolution Operational Ocean Forecast and Reanalysis System for the Indian Ocean. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1340-E1356.	1.7	23
26	Basin-wide sea level coherency in the tropical Indian Ocean driven by Madden–Julian Oscillation. <i>Nature Communications</i> , 2019, 10, 1257.	5.8	21
27	Ship-Mounted Real-Time Surface Observational System on board Indian Vessels for Validation and Refinement of Model Forcing Fields*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 626-637.	0.5	14
28	On the relationship between the Indian summer monsoon rainfall and the EQUINOO in the CFSv2. <i>Climate Dynamics</i> , 2019, 52, 1263-1281.	1.7	11
29	An evaluation of satellite and in situ based sea surface temperature datasets in the North Indian Ocean region. <i>International Journal of Remote Sensing</i> , 2002, 23, 5165-5175.	1.3	8
30	Wyrтки Jets: Role of intraseasonal forcing. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	7
31	Ocean State Forecast along Ship Routes: Evaluation Using ESSO-INCOIS Real-Time Ship-Mounted Wave Height Meter and Satellite Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015, 32, 2211-2222.	0.5	4
32	Oil spill trajectory prediction with high-resolution ocean currents. <i>Journal of Operational Oceanography</i> , 2020, 13, 84-99.	0.6	4
33	Circulation in the region of the West India Coastal Current in March 1994 hydrographic and altimeter data. <i>Journal of Earth System Science</i> , 2022, 131, 1.	0.6	3
34	Investigating the robustness of the intraseasonal see-saw in the Indo-Pacific barotropic sea level across models. <i>Ocean Dynamics</i> , 2022, 72, 523-538.	0.9	2