

# Bulusu Subrahmanyam

## List of Publications by Year in descending order

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57  
papers

1,073  
citations

430874

18  
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477307

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57  
all docs

57  
docs citations

57  
times ranked

924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Satellite Data Analysis of the Upper Ocean Response to Hurricane Dorian (2019) in the North Atlantic Ocean. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
2	Lakshadweep High Propagation and Impacts on the Somali Current and Eddies During the Southwest Monsoon. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	2
3	Intercomparison of Salinity Products in the Beaufort Gyre and Arctic Ocean. Remote Sensing, 2022, 14, 71.	4.0	5
4	Oceanâ€™s Atmosphere Variability in the Northwest Atlantic Ocean during Active Marine Heatwave Years. Remote Sensing, 2022, 14, 2913.	4.0	3
5	Mesoscale eddy variability and its linkage to deep convection over the Bay of Bengal using satellite altimetric observations. Advances in Space Research, 2021, 68, 378-400.	2.6	8
6	Surface Freshwater Fluxes in the Arctic and Subarctic Seas during Contrasting Years of High and Low Summer Sea Ice Extent. Remote Sensing, 2021, 13, 1570.	4.0	5
7	Oceanâ€™s Atmosphere Interactions during Hurricanes Marco and Laura (2020). Remote Sensing, 2021, 13, 1932.	4.0	3
8	Investigating the Response of Temperature and Salinity in the Agulhas Current Region to ENSO Events. Remote Sensing, 2021, 13, 1829.	4.0	9
9	The Role of Salinity in the Southeastern Arabian Sea in Determining Monsoon Onset and Strength. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015592.	2.6	16
10	Interactions Between Mesoscale Eddies and Synoptic Oscillations in the Bay of Bengal During the Strong Monsoon of 2019. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016772.	2.6	14
11	The Impact of the Maddenâ€™s Julian Oscillation on Cyclone Amphan (2020) and Southwest Monsoon Onset. Remote Sensing, 2020, 12, 3011.	4.0	10
12	Analysis of Coupled Oceanic and Atmospheric Preconditioning for Primary Maddenâ€™s Julian Oscillation Events Across ENSO Phases. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016358.	2.6	2
13	Response of the Bay of Bengal to 3â€™s Day Synoptic Oscillations During the Southwest Monsoon of 2019. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016200.	2.6	10
14	Eddy Surface Characteristics and Vertical Structure in the Gulf of Mexico from Satellite Observations and Model Simulations. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015538.	2.6	16
15	Monitoring Intraseasonal Oscillations in the Indian Ocean Using Satellite Observations. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015891.	2.6	13
16	Maddenâ€™s Julian Oscillationâ€™s Induced Sea Surface Salinity Variability as Detected in Satelliteâ€™s Derived Salinity. Geophysical Research Letters, 2019, 46, 9748-9756.	4.0	8
17	Largeâ€™s Scale Fresh and Salt Water Exchanges in the Indian Ocean. Journal of Geophysical Research: Oceans, 2019, 124, 6252-6269.	2.6	16
18	Loop Current and Eddyâ€™s Driven Salinity Variability in the Gulf of Mexico. Geophysical Research Letters, 2019, 46, 5978-5986.	4.0	20

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19	Quasi-biweekly oscillations in the Bay of Bengal in observations and model simulations. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 168, 104609.	1.4	15
20	Variability of Intraseasonal Oscillations and Synoptic Signals in Sea Surface Salinity in the Bay of Bengal. Journal of Climate, 2019, 32, 6703-6728.	3.2	14
21	Detection of intraseasonal oscillations in the Bay of Bengal using altimetry. Atmospheric Science Letters, 2019, 20, e920.	1.9	12
22	Influence of Mesoscale Features on Mixed Layer Dynamics in the Arabian Sea. Journal of Geophysical Research: Oceans, 2019, 124, 3361-3377.	2.6	6
23	Eddy-Induced Temperature and Salinity Variability in the Arabian Sea. Geophysical Research Letters, 2019, 46, 2734-2742.	4.0	25
24	Estimation of Surface Freshwater Fluxes in the Arctic Ocean Using Satellite-Derived Salinity. Remote Sensing in Earth Systems Sciences, 2019, 2, 247-259.	1.8	6
25	Evidence of organized intraseasonal convection linked to ocean dynamics in the Seychelles-Chagos thermocline ridge. Climate Dynamics, 2018, 51, 3405-3420.	3.8	4
26	Influence of ENSO Events on the Agulhas Leakage Region. Remote Sensing in Earth Systems Sciences, 2018, 1, 79-88.	1.8	18
27	Eddy Tracking in the Northwestern Indian Ocean During Southwest Monsoon Regimes. Geophysical Research Letters, 2018, 45, 6594-6603.	4.0	34
28	Role of El Niño Southern Oscillation (ENSO) Events on Temperature and Salinity Variability in the Agulhas Leakage Region. Remote Sensing, 2018, 10, 127.	4.0	5
29	Confirmation of ENSO-Southern Ocean Teleconnections Using Satellite-Derived SST. Remote Sensing, 2018, 10, 331.	4.0	17
30	Detection of Intraseasonal Oscillations in SMAP Salinity in the Bay of Bengal. Geophysical Research Letters, 2018, 45, 7057-7065.	4.0	32
31	Decadal changes in salinity in the oceanic subtropical gyres. Journal of Geophysical Research: Oceans, 2017, 122, 336-354.	2.6	3
32	Variability of the Somali Current and eddies during the southwest monsoon regimes. Dynamics of Atmospheres and Oceans, 2017, 79, 43-55.	1.8	27
33	On the dynamics of the Sri Lanka Dome in the Bay of Bengal. Journal of Geophysical Research: Oceans, 2017, 122, 7737-7750.	2.6	21
34	Tropical cyclone activity over the Southwest Tropical Indian Ocean. Journal of Geophysical Research: Oceans, 2016, 121, 6389-6402.	2.6	11
35	Validation of Satellite-Derived Salinity in the Equatorial Pacific With Specific Emphasis on the 2014-15 ENSO Event. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1979-1983.	3.1	3
36	Spatial and temporal variability of central Indian Ocean salinity fronts observed by SMOS. Remote Sensing of Environment, 2016, 180, 146-153.	11.0	11

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37	The role of salinity on the interannual variability of the Seychelles-Chagos thermocline ridge. Remote Sensing of Environment, 2016, 180, 178-192.	11.0	9
38	Investigating decadal changes in sea surface salinity in oceanic subtropical gyres. Geophysical Research Letters, 2015, 42, 7631-7638.	4.0	9
39	Seasonal Variability of Salinity and Salt Transport in the Northern Indian Ocean. Journal of Physical Oceanography, 2015, 45, 1947-1966.	1.7	31
40	Estimation of the barrier layer thickness in the Indian Ocean using Aquarius Salinity. Journal of Geophysical Research: Oceans, 2014, 119, 4200-4213.	2.6	40
41	Variability of salt flux in the Indian Ocean during 1960–2008. Remote Sensing of Environment, 2013, 134, 175-193.	11.0	24
42	Detection of the Madden-Julian Oscillation in the Indian Ocean From Satellite Altimetry. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 441-445.	3.1	9
43	The Madden-Julian oscillation detected in Aquarius salinity observations. Geophysical Research Letters, 2013, 40, 5461-5466.	4.0	33
44	The role of salinity on the dynamics of the Arabian Sea mini warm pool. Journal of Geophysical Research, 2012, 117, .	3.3	42
45	Influence of the Madden-Julian Oscillation on sea surface salinity in the Indian Ocean. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	19
46	Seasonal variability of salt transport during the Indian Ocean monsoons. Journal of Geophysical Research, 2011, 116, .	3.3	26
47	Sea surface salinity variability during the Indian Ocean Dipole and ENSO events in the tropical Indian Ocean. Journal of Geophysical Research, 2011, 116, .	3.3	61
48	Sea surface salinity variability in the tropical Indian Ocean. Remote Sensing of Environment, 2011, 115, 944-956.	11.0	58
49	Salt transport in the near-surface layer in the monsoon-influenced Indian Ocean using HYCOM. Geophysical Research Letters, 2010, 37, .	4.0	16
50	Physical and biological responses to Hurricane Katrina (2005) in a 1/25° nested Gulf of Mexico HYCOM. Journal of Marine Systems, 2009, 78, 168-179.	2.1	22
51	Detection of Rossby waves in multi-parameters in multi-mission satellite observations and HYCOM simulations in the Indian Ocean. Remote Sensing of Environment, 2009, 113, 1293-1303.	11.0	18
52	Sensitivity of the Indian Ocean circulation to phytoplankton forcing using an ocean model. Remote Sensing of Environment, 2008, 112, 1488-1496.	11.0	8
53	Indian Ocean Rossby waves detected in HYCOM sea surface salinity. Geophysical Research Letters, 2008, 35, .	4.0	17
54	Biophysical responses of the upper ocean to major Gulf of Mexico hurricanes in 2005. Journal of Geophysical Research, 2008, 113, .	3.3	67

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55	Satellite Data Analysis of the Upper Ocean Response to Hurricanes Katrina and Rita (2005) in the Gulf of Mexico. IEEE Geoscience and Remote Sensing Letters, 2007, 4, 132-136.	3.1	18
56	A new technique for the estimation of sea surface salinity in the tropical Indian Ocean from OLR. Journal of Geophysical Research, 2004, 109, .	3.3	18
57	Influence of a tropical cyclone on Chlorophyll-a Concentration in the Arabian Sea. Geophysical Research Letters, 2002, 29, 22-1-22-4.	4.0	103