

Tong Lee

List of Publications by Year in descending order

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152
papers

9,543
citations

41258

49
h-index

48187

88
g-index

161
all docs

161
docs citations

161
times ranked

8290
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding ENSO Diversity. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 921-938.	1.7	745
2	Increasing intensity of El Niño in the central equatorial Pacific. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	543
3	Evaluation of Climate Models. , 2014, , 741-866.		458
4	El Niño and its relationship to changing background conditions in the tropical Pacific Ocean. <i>Geophysical Research Letters</i> , 2011, 38, .	1.5	334
5	The Indonesian seas and their role in the coupled ocean-climate system. <i>Nature Geoscience</i> , 2014, 7, 487-492.	5.4	252
6	Subtropics-Related Interannual Sea Surface Temperature Variability in the Central Equatorial Pacific. <i>Journal of Climate</i> , 2010, 23, 2869-2884.	1.2	248
7	The changing impact of El Niño on US winter temperatures. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	248
8	Ocean State Estimation for Climate Research. <i>Oceanography</i> , 2009, 22, 160-167.	0.5	228
9	Construction of the adjoint MIT ocean general circulation model and application to Atlantic heat transport sensitivity. <i>Journal of Geophysical Research</i> , 1999, 104, 29529-29547.	3.3	211
10	Indian Ocean Decadal Variability: A Review. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1679-1703.	1.7	210
11	Using Green's Functions to Calibrate an Ocean General Circulation Model. <i>Monthly Weather Review</i> , 2005, 133, 1224-1240.	0.5	179
12	Effects of the Indonesian Throughflow on the Pacific and Indian Oceans. <i>Journal of Physical Oceanography</i> , 2002, 32, 1404-1429.	0.7	171
13	The Ocean Reanalyses Intercomparison Project (ORA-IP). <i>Journal of Operational Oceanography</i> , 2015, 8, s80-s97.	0.6	169
14	Decadal phase change in large-scale sea level and winds in the Indo-Pacific region at the end of the 20th century. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	155
15	Satellite and In Situ Salinity: Understanding Near-Surface Stratification and Subfootprint Variability. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 1391-1407.	1.7	126
16	The Origin, Pathway, and Destination of Niño-3 Water Estimated by a Simulated Passive Tracer and Its Adjoint. <i>Journal of Physical Oceanography</i> , 2004, 34, 582-604.	0.7	123
17	Satellite Salinity Observing System: Recent Discoveries and the Way Forward. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	120
18	Sea surface salinity estimates from spaceborne L-band radiometers: An overview of the first decade of observation (2010-2019). <i>Remote Sensing of Environment</i> , 2020, 242, 111769.	4.6	120

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19	Seasonal Cycles of Meridional Overturning and Heat Transport of the Indian Ocean. <i>Journal of Physical Oceanography</i> , 1998, 28, 923-943.	0.7	116
20	Aquarius reveals salinity structure of tropical instability waves. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	115
21	Eddy-induced meridional heat transport in the ocean. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	114
22	NASA supercomputer improves prospects for ocean climate research. <i>Eos</i> , 2005, 86, 89.	0.1	109
23	Decadal variability of the Pacific subtropical cells and their influence on the southeast Indian Ocean. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	109
24	GEROS-ISS: GNSS Reflectometry, Radio Occultation, and Scatterometry Onboard the International Space Station. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 4552-4581.	2.3	99
25	GODAE Systems in Operation. <i>Oceanography</i> , 2009, 22, 80-95.	0.5	93
26	Interannual-to-Decadal Variations of Tropical-Subtropical Exchange in the Pacific Ocean: Boundary versus Interior Pycnocline Transports. <i>Journal of Climate</i> , 2003, 16, 4022-4042.	1.2	90
27	Subsurface ocean temperature indices for Central-Pacific and Eastern-Pacific types of El Niño and La Niña events. <i>Theoretical and Applied Climatology</i> , 2011, 103, 337-344.	1.3	90
28	Ocean heat content variability and change in an ensemble of ocean reanalyses. <i>Climate Dynamics</i> , 2017, 49, 909-930.	1.7	88
29	Temperature Advection: Internal versus External Processes. <i>Journal of Physical Oceanography</i> , 2004, 34, 1936-1944.	0.7	86
30	Importance and origin of halosteric contribution to sea level change in the southeast Indian Ocean during 2005-2013. <i>Geophysical Research Letters</i> , 2015, 42, 1148-1157.	1.5	85
31	An assessment of air-sea heat fluxes from ocean and coupled reanalyses. <i>Climate Dynamics</i> , 2017, 49, 983-1008.	1.7	81
32	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	80
33	Mechanisms Controlling the Interannual Variation of Mixed Layer Temperature Averaged over the Niño-3 Region. <i>Journal of Climate</i> , 2007, 20, 3822-3843.	1.2	78
34	The Early 1990s Change in ENSO-PSA-SAM Relationships and Its Impact on Southern Hemisphere Climate. <i>Journal of Climate</i> , 2015, 28, 9393-9408.	1.2	77
35	Biological response to the 1997-98 and 2009-10 El Niño events in the equatorial Pacific Ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	73
36	Evaluation of CMIP3 and CMIP5 Wind Stress Climatology Using Satellite Measurements and Atmospheric Reanalysis Products. <i>Journal of Climate</i> , 2013, 26, 5810-5826.	1.2	71

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37	Validating SMAP SSS with in situ measurements. Remote Sensing of Environment, 2017, 200, 326-340.	4.6	70
38	A Near-Uniform Basin-Wide Sea Level Fluctuation of the Mediterranean Sea. Journal of Physical Oceanography, 2007, 37, 338-358.	0.7	69
39	Decadal weakening of the shallow overturning circulation in the South Indian Ocean. Geophysical Research Letters, 2004, 31, .	1.5	67
40	Satellite Altimetry over Oceans and Land Surfaces. , 0, , .		62
41	Sea surface salinity structure of the meandering Gulf Stream revealed by SMOS sensor. Geophysical Research Letters, 2014, 41, 3141-3148.	1.5	60
42	Bay of Bengal salinity stratification and Indian summer monsoon intraseasonal oscillation: 2. Impact on SST and convection. Journal of Geophysical Research: Oceans, 2017, 122, 4312-4328.	1.0	60
43	The Potential and Challenges of Using Soil Moisture Active Passive (SMAP) Sea Surface Salinity to Monitor Arctic Ocean Freshwater Changes. Remote Sensing, 2018, 10, 869.	1.8	59
44	Temporal variation of meandering intensity and domain-wide lateral oscillations of the Gulf Stream. Journal of Geophysical Research, 1995, 100, 13603.	3.3	57
45	Inferring meridional mass and heat transports of the Indian Ocean by fitting a general circulation model to climatological data. Journal of Geophysical Research, 1997, 102, 10585-10602.	3.3	57
46	Ocean Initialization for Seasonal Forecasts. Oceanography, 2009, 22, 154-159.	0.5	57
47	The Closure of the Ocean Mixed Layer Temperature Budget Using Level-Coordinate Model Fields. Journal of Atmospheric and Oceanic Technology, 2006, 23, 840-853.	0.5	55
48	Evaluation of CMIP5 dynamic sea surface height multi-model simulations against satellite observations. Climate Dynamics, 2014, 43, 1271-1283.	1.7	54
49	Intraseasonal sea surface salinity variability in the equatorial Indian Ocean induced by monsoonal oscillations. Journal of Geophysical Research: Oceans, 2015, 120, 2233-2258.	1.0	54
50	Record warming in the South Pacific and western Antarctica associated with the strong central Pacific El Niño in 2009-10. Geophysical Research Letters, 2010, 37, .	1.5	53
51	Intercomparison and validation of the mixed layer depth fields of global ocean syntheses. Climate Dynamics, 2017, 49, 753-773.	1.7	52
52	Bay of Bengal salinity stratification and Indian summer monsoon intraseasonal oscillation: 1. Intraseasonal variability and causes. Journal of Geophysical Research: Oceans, 2017, 122, 4291-4311.	1.0	52
53	Status and future of global and regional ocean prediction systems. Journal of Operational Oceanography, 2015, 8, s201-s220.	0.6	51
54	Modulation of the Ganges-Brahmaputra River Plume by the Indian Ocean Dipole and Eddies Inferred From Satellite Observations. Journal of Geophysical Research: Oceans, 2017, 122, 9591-9604.	1.0	51

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55	Aquarius and SMOS detect effects of an extreme Mississippi River flooding event in the Gulf of Mexico. <i>Geophysical Research Letters</i> , 2013, 40, 5188-5193.	1.5	50
56	Propagation and Growth of Gulf Stream Meanders between 75° and 45°W. <i>Journal of Physical Oceanography</i> , 1996, 26, 225-241.	0.7	49
57	Upper ocean variability in the Bay of Bengal during the tropical cyclones Nargis and Laila. <i>Progress in Oceanography</i> , 2012, 106, 49-61.	1.5	49
58	A Sustained Ocean Observing System in the Indian Ocean for Climate Related Scientific Knowledge and Societal Needs. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	49
59	Mechanisms of Interannual Variations of the Meridional Overturning Circulation of the North Atlantic Ocean. <i>Journal of Physical Oceanography</i> , 2008, 38, 467-480.	0.7	48
60	Mechanisms of the meridional heat transport in the Southern Ocean. <i>Ocean Dynamics</i> , 2010, 60, 791-801.	0.9	48
61	Steric sea level variability (1993–2010) in an ensemble of ocean reanalyses and objective analyses. <i>Climate Dynamics</i> , 2017, 49, 709-729.	1.7	48
62	Assessment of Aquarius Sea Surface Salinity. <i>Remote Sensing</i> , 2018, 10, 1341.	1.8	48
63	Intensification of the global water cycle and evidence from ocean salinity: a synthesis review. <i>Annals of the New York Academy of Sciences</i> , 2020, 1472, 76-94.	1.8	48
64	A Road Map to IndoOS-2: Better Observations of the Rapidly Warming Indian Ocean. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1891-E1913.	1.7	48
65	Seven Years of SMOS Sea Surface Salinity at High Latitudes: Variability in Arctic and Sub-Arctic Regions. <i>Remote Sensing</i> , 2018, 10, 1772.	1.8	47
66	Mechanisms controlling seasonal-to-interannual mixed layer temperature variability in the southeastern tropical Indian Ocean. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	44
67	Ocean State Estimation for Climate Research. , 2010, , .		43
68	Atlantic to Mediterranean Sea Level Difference Driven by Winds near Gibraltar Strait. <i>Journal of Physical Oceanography</i> , 2007, 37, 359-376.	0.7	42
69	SMAP observes flooding from land to sea: The Texas event of 2015. <i>Geophysical Research Letters</i> , 2016, 43, 10,338.	1.5	40
70	Cloud–precipitation–radiation dynamics interaction in global climate models: A snow and radiation interaction sensitivity experiment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3809-3824.	1.2	39
71	Consistency of Aquarius sea surface salinity with Argo products on various spatial and temporal scales. <i>Geophysical Research Letters</i> , 2016, 43, 3857-3864.	1.5	39
72	A record-high ocean bottom pressure in the South Pacific observed by GRACE. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	38

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73	The Global Ocean Water Cycle in Atmospheric Reanalysis, Satellite, and Ocean Salinity. <i>Journal of Climate</i> , 2017, 30, 3829-3852.	1.2	37
74	Evaluation and Intercomparison of SMOS, Aquarius, and SMAP Sea Surface Salinity Products in the Arctic Ocean. <i>Remote Sensing</i> , 2019, 11, 3043.	1.8	37
75	Linked trends in the South Pacific sea ice edge and Southern Oscillation Index. <i>Geophysical Research Letters</i> , 2016, 43, 10,295.	1.5	36
76	Seasonal and interannual variations of sea surface salinity associated with the Mississippi River plume observed by SMOS and Aquarius. <i>Remote Sensing of Environment</i> , 2016, 180, 431-439.	4.6	36
77	Maritime Continent water cycle regulates low-latitude chokepoint of global ocean circulation. <i>Nature Communications</i> , 2019, 10, 2103.	5.8	36
78	Compounding impact of severe weather events fuels marine heatwave in the coastal ocean. <i>Nature Communications</i> , 2020, 11, 4623.	5.8	36
79	Consistency and fidelity of Indonesian-throughflow total volume transport estimated by 14 ocean data assimilation products. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 50, 201-223.	0.7	35
80	Keeping the lights on for global ocean salinity observation. <i>Nature Climate Change</i> , 2016, 6, 228-231.	8.1	34
81	Quantifying the processes controlling intraseasonal mixed-layer temperature variability in the tropical Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 692-715.	1.0	33
82	A real-time ocean reanalyses intercomparison project in the context of tropical pacific observing system and ENSO monitoring. <i>Climate Dynamics</i> , 2017, 49, 3647-3672.	1.7	33
83	The influence of salinity on tropical Atlantic instability waves. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 8375-8394.	1.0	31
84	Aquarius surface salinity and the Madden-Julian Oscillation: The role of salinity in surface layer density and potential energy. <i>Geophysical Research Letters</i> , 2014, 41, 2858-2869.	1.5	31
85	Closing the Water Cycle from Observations across Scales: Where Do We Stand?. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1897-E1935.	1.7	31
86	Propagation of Gulf Stream Meanders between 74° and 70°W. <i>Journal of Physical Oceanography</i> , 1996, 26, 205-224.	0.7	30
87	SMOS Sea Surface Salinity signals of tropical instability waves. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7811-7826.	1.0	30
88	CMIP5 model simulations of the impacts of the two types of El Niño on the U.S. winter temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3076-3092.	1.2	29
89	Evaluation of the Tropical Pacific Observing System from the ocean data assimilation perspective. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 2481-2496.	1.0	28
90	Analysis of GNSS-R Altimetry for Mapping Ocean Mesoscale Sea Surface Heights Using High-Resolution Model Simulations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 4631-4642.	2.3	28

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91	The 1997-1999 abrupt change of the upper ocean temperature in the north central Pacific. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	27
92	Decadal Climate Predictability and Prediction: Where Are We?. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 637-640.	1.7	27
93	Interannual Variation in Offshore Advection of Amazon&Oroinoco Plume Waters: Observations, Forcing Mechanisms, and Impacts. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8966-8982.	1.0	27
94	Observed interannual variability of zonal currents in the equatorial Indian Ocean thermocline and their relation to Indian Ocean Dipole. <i>Geophysical Research Letters</i> , 2014, 41, 7933-7941.	1.5	25
95	Mechanisms controlling seasonal mixed layer temperature and salinity in the Southwestern Tropical Indian Ocean. <i>Dynamics of Atmospheres and Oceans</i> , 2011, 51, 77-93.	0.7	24
96	Long-term trend of CO<sub>2</sub> and ocean acidification in the surface water of the Ulleung Basin, the East/Japan Sea inferred from the underway observational data. <i>Biogeosciences</i> , 2014, 11, 2443-2454.	1.3	24
97	50 Years of Satellite Remote Sensing of the Ocean. <i>Meteorological Monographs</i> , 2019, 59, 5.1-5.46.	5.0	24
98	Seasonal and Interannual Variability of Sea Surface Salinity Near Major River Mouths of the World Ocean Inferred from Gridded Satellite and In-Situ Salinity Products. <i>Remote Sensing</i> , 2021, 13, 728.	1.8	24
99	Data assimilation by an intermediate coupled ocean-atmosphere model: Application to the 1997-1998 El Ni&Oo. <i>Journal of Geophysical Research</i> , 2000, 105, 26063-26087.	3.3	22
100	Uncertainty of Aquarius sea surface salinity retrieved under rainy conditions and its implication on the water cycle study. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4821-4839.	1.0	22
101	The impacts of cloud snow radiative effects on Pacific Ocean surface heat fluxes, surface wind stress, and ocean temperatures in coupled GCM simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2242-2260.	1.2	22
102	Intraseasonal Variability of Surface Salinity in the Eastern Tropical Pacific Associated With Mesoscale Eddies. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2861-2875.	1.0	22
103	Sea Surface Salinity as a Proxy for Arctic Ocean Freshwater Changes. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016110.	1.0	22
104	Patterns of SSS Variability in the Eastern Tropical Pacific: Intraseasonal to Interannual Timescales from Seven Years of NASA Satellite Data. <i>Oceanography</i> , 2019, 32, 20-29.	0.5	22
105	An assessment of upper ocean salinity content from the Ocean Reanalyses Inter-comparison Project (ORA-IP). <i>Climate Dynamics</i> , 2017, 49, 1009-1029.	1.7	21
106	Status of Aquarius and Salinity Continuity. <i>Remote Sensing</i> , 2018, 10, 1585.	1.8	20
107	Mechanisms controlling the seasonal mixed-layer temperature and salinity of the Indonesian seas. <i>Ocean Dynamics</i> , 2011, 61, 481-495.	0.9	19
108	Adequacy of the Ocean Observation System for Quantifying Regional Heat and Freshwater Storage and Change. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	19

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109	Space and time scales of sea surface salinity and freshwater forcing variability in the global ocean (60°S–60°N). <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2909-2922.	1.0	18
110	Characterization of the Variability of the South Pacific Convergence Zone Using Satellite and Reanalysis Wind Products. <i>Journal of Climate</i> , 2016, 29, 1717-1732.	1.2	17
111	FluxSat: Measuring the Ocean–Atmosphere Turbulent Exchange of Heat and Moisture from Space. <i>Remote Sensing</i> , 2020, 12, 1796.	1.8	17
112	Satellite Observations of Ocean Circulation Changes Associated With Climate Variability. <i>Oceanography</i> , 2010, 23, 70-81.	0.5	17
113	Effects of high-frequency wind sampling on simulated mixed layer depth and upper ocean temperature. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	16
114	Modeling skin–layer salinity with an extended surface–salinity layer. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1079-1095.	1.0	16
115	Interannual-decadal variability of wintertime mixed layer depths in the North Pacific detected by an ensemble of ocean syntheses. <i>Climate Dynamics</i> , 2017, 49, 891-907.	1.7	16
116	Microwave Radiometry at Frequencies From 500 to 1400 MHz: An Emerging Technology for Earth Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 4894-4914.	2.3	16
117	Factors influencing the skill of synthesized satellite wind products in the tropical Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1072-1089.	1.0	15
118	Role of the Ocean Observing System in an End-to-End Seasonal Forecasting System. , 2010, , .		15
119	Heat and freshwater changes in the Indian Ocean region. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 525-541.	12.2	14
120	Revisiting the Global Patterns of Seasonal Cycle in Sea Surface Salinity. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016789.	1.0	13
121	Correction to “Decadal weakening of the shallow overturning circulation in the South Indian Ocean”, <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	12
122	Wind stress measurements from the QuikSCAT–SeaWinds scatterometer tandem mission and the impact on an ocean model. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	12
123	Mechanisms controlling mixed-layer temperature variability in the eastern tropical Pacific on the intraseasonal timescale. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	12
124	Effects of sub-seasonal variability on seasonal-to-interannual Indian Ocean meridional heat transport. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	11
125	Interannual to Multidecadal Forcing of Mesoscale Eddy Kinetic Energy in the Subtropical Southern Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8180-8202.	1.0	11
126	Evolving the Physical Global Ocean Observing System for Research and Application Services Through International Coordination. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	11

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127	Synthesis and Assimilation Systems - Essential Adjuncts to the Global Ocean Observing System. , 2010, , .		11
128	Local and Remote Forcing of Interannual Seaâ€Level Variability at Nantucket Island. Journal of Geophysical Research: Oceans, 2022, 127, .	1.0	11
129	On the Probability that a Gulf Stream Meander Crest Detaches to Form a Warm Core Ring. Journal of Physical Oceanography, 1994, 24, 159-171.	0.7	10
130	Editorial: Oceanobs'19: An Ocean of Opportunity. Frontiers in Marine Science, 2019, 6, .	1.2	10
131	Eastern equatorial Pacific Ocean T-S variations with El NiÃ±o. Geophysical Research Letters, 2004, 31, .	1.5	8
132	The Impacts of Bias in Cloudâ€Radiationâ€Dynamics Interactions on Central Pacific Seasonal and El NiÃ±o Simulations in Contemporary GCMs. Earth and Space Science, 2018, 5, 50-60.	1.1	8
133	Biophysical responses near equatorial islands in the Western Pacific Ocean during El NiÃ±o/La NiÃ±a transitions. Geophysical Research Letters, 2013, 40, 5473-5479.	1.5	7
134	On the cause of eastern equatorial Pacific Ocean T-S variations associated with El NiÃ±o. Geophysical Research Letters, 2004, 31, .	1.5	6
135	Validating SMAP SSS with in situ measurements. , 2017, , .		6
136	The Salinity Pilot-Mission Exploitation Platform (Pi-MEP): A Hub for Validation and Exploitation of Satellite Sea Surface Salinity Data. Remote Sensing, 2021, 13, 4600.	1.8	6
137	Methods and Applications of Ocean Synthesis in Climate Research. International Geophysics, 2013, , 581-608.	0.6	5
138	A new method to assess mesoscale contributions to meridional heat transport in the North Atlantic Ocean. Ocean Science, 2020, 16, 979-995.	1.3	5
139	Influence of the Maddenâ€Julian oscillation on the Indian Ocean crossâ€equatorial heat transport. Geophysical Research Letters, 2014, 41, 7314-7322.	1.5	4
140	Monitoring and Interpreting the Tropical Oceans by Satellite Altimetry. , 2017, , 231-270.		4
141	Influence of Nonseasonal River Discharge on Sea Surface Salinity and Height. Journal of Advances in Modeling Earth Systems, 2022, 14, .	1.3	4
142	Solar warming of the south-central Pacific. International Journal of Remote Sensing, 2014, 35, 5411-5419.	1.3	3
143	Estimate of uncertainties in the Aquarius salinity retrievals. , 2015, , .		3
144	The impacts of precipitating cloud radiative effects on ocean surface evaporation, precipitation, and ocean salinity in coupled GCM simulations. Journal of Geophysical Research D: Atmospheres, 2016, 121, 9474-9491.	1.2	3

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145	Global contributions of mesoscale dynamics to meridional heat transport. Ocean Science, 2021, 17, 1031-1052.	1.3	3
146	Satellite SST and SSS Observations and Their Role to Constrain Ocean Models. , 0, , .		3
147	Present and Future of L-Band Radiometry. , 2018, , .		2
148	Innovative sea surface monitoring with GNSS-Reflectometry aboard ISS: Overview and recent results from GEROS-ISS. , 2016, , .		1
149	Status of Aquarius Salinity. , 2018, , .		1
150	The Calibration and Stability Analysis of the JPL Ultra-Wide P/L-Band Radiometer. , 2019, , .		1
151	Sea surface salinity signatures of tropical instability waves: New evidences from SMOS. , 2014, , .		0
152	Review of recent technical accomplishments of Aquarius - NASA's first global sea surface salinity mission. , 2014, , .		0