

# Craig M Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

3,172  
citations

236925

25  
h-index

155660

55  
g-index

60  
all docs

60  
docs citations

60  
times ranked

4386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Observations of the Role of Lateral Advection of Sea Ice Meltwater in the Onset of Autumn Freeze Up. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	1
2	Water Mass Exchanges between the Bay of Bengal and Arabian Sea from Multiyear Sampling with Autonomous Gliders. <i>Journal of Physical Oceanography</i> , 2022, 52, 2377-2396.	1.7	2
3	A warm jet in a cold ocean. <i>Nature Communications</i> , 2021, 12, 2418.	12.8	20
4	Comparing Observations and Parameterizations of Iceâ€œOcean Drag Through an Annual Cycle Across the Beaufort Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016977.	2.6	18
5	Bay of Bengal Intraseasonal Oscillations and the 2018 Monsoon Onset. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1936-E1951.	3.3	15
6	Generation of Lowâ€œLatitude Seamountâ€œTrapped Waves: A Case Study of the Seychelles Plateau. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017234.	2.6	1
7	Extreme High Greenland Blocking Index Leads to the Reversal of Davis and Nares Strait Net Transport Toward the Arctic Ocean. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094178.	4.0	7
8	Improving Situational Awareness in the Arctic Ocean. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	5
9	Enhanced mixing across the gyre boundary at the Gulf Stream front. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17607-17614.	7.1	29
10	Restratification at a California Current Upwelling Front. Part I: Observations. <i>Journal of Physical Oceanography</i> , 2020, 50, 1455-1472.	1.7	15
11	Restratification at a California Current Upwelling Front. Part II: Dynamics. <i>Journal of Physical Oceanography</i> , 2020, 50, 1473-1487.	1.7	8
12	The evolution of a shallow front in the Arctic marginal ice zone. <i>Elementa</i> , 2020, 8, .	3.2	10
13	S-MODE: The Sub-Mesoscale Ocean Dynamics Experiment. , 2020, , .		9
14	Interruption of two decades of Jakobshavn Isbrae acceleration and thinning as regional ocean cools. <i>Nature Geoscience</i> , 2019, 12, 277-283.	12.9	87
15	Buoyancy-adjusting Profiling Floats for Exploration of Heat Transport, Melt Rates, and Mixing in the Ocean Cavities Under Floating Ice Shelves. , 2019, , .		6
16	Interaction of Superinertial Waves with Submesoscale Cyclonic Filaments in the North Wall of the Gulf Stream. <i>Journal of Physical Oceanography</i> , 2018, 48, 81-99.	1.7	14
17	A multi-method autonomous assessment of primary productivity and export efficiency in the springtime North Atlantic. <i>Biogeosciences</i> , 2018, 15, 4515-4532.	3.3	30
18	Internal Waves in the Arctic: Influence of Ice Concentration, Ice Roughness, and Surface Layer Stratification. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5571-5586.	2.6	14

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19	Cascading off the West Greenland Shelf: A numerical perspective. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 5316-5328.	2.6	9
20	Ekman circulation in the Arctic Ocean: Beyond the Beaufort Gyre. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3358-3374.	2.6	18
21	The Beaufort Gyre intensification and stabilization: A model-observation synthesis. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7933-7952.	2.6	54
22	Combining Observations from Multiple Platforms across the Kuroshio Northeast of Luzon: A Highlight on PIES Data. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 2185-2203.	1.3	7
23	Submesoscale streamers exchange water on the north wall of the Gulf Stream. <i>Geophysical Research Letters</i> , 2016, 43, 1226-1233.	4.0	33
24	Radar backscattering changes in Arctic sea ice from late summer to early autumn observed by space-borne X-band HH-polarization SAR. <i>Remote Sensing Letters</i> , 2016, 7, 551-560.	1.4	3
25	Greenland freshwater pathways in the sub-Arctic Seas from model experiments with passive tracers. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 877-907.	2.6	67
26	Studies of the Canadian Arctic Archipelago water transport and its relationship to basin-local forcings: Results from AO-FVCOM. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 4392-4415.	2.6	24
27	ASIRI: An Ocean-Atmosphere Initiative for Bay of Bengal. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 1859-1884.	3.3	69
28	Symmetric Instability, Inertial Oscillations, and Turbulence at the Gulf Stream Front. <i>Journal of Physical Oceanography</i> , 2016, 46, 197-217.	1.7	82
29	Global Estimates of Lateral Springtime Restratification. <i>Journal of Physical Oceanography</i> , 2016, 46, 1555-1573.	1.7	26
30	Eddy-Kuroshio interaction processes revealed by mooring observations off Taiwan and Luzon. <i>Geophysical Research Letters</i> , 2015, 42, 8098-8105.	4.0	37
31	Outside influences on the water column of Cumberland Sound, Baffin Island. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5000-5018.	2.6	4
32	Net community production and export from Seaglider measurements in the North Atlantic after the spring bloom. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 6121-6139.	2.6	37
33	Response of upper ocean currents to Typhoon Fanapi. <i>Geophysical Research Letters</i> , 2014, 41, 3995-4003.	4.0	23
34	Modulation of Kuroshio transport by mesoscale eddies at the Luzon Strait entrance. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 2129-2142.	2.6	101
35	Fortuitous Encounters between Seagliders and Adult Female Northern Fur Seals ( <i>Callorhinus</i> ) PLoS ONE, 2014, 9, e101268.	2.5	17
36	Statistics of vertical vorticity, divergence, and strain in a developed submesoscale turbulence field. <i>Geophysical Research Letters</i> , 2013, 40, 4706-4711.	4.0	171

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37	Propagation of internal tides generated near Luzon Strait: Observations from autonomous gliders. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4125-4138.	2.6	37
38	Observations of the cold wake of Typhoon Fanapi (2010). <i>Geophysical Research Letters</i> , 2013, 40, 316-321.	4.0	40
39	Particulate organic carbon and inherent optical properties during 2008 North Atlantic Bloom Experiment. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	165
40	Composition and fluxes of freshwater through Davis Strait using multiple chemical tracers. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	41
41	The Subpolar Front of the Japan/East Sea. Part III: Competing Roles of Frontal Dynamics and Atmospheric Forcing in Driving Ageostrophic Vertical Circulation and Subduction. <i>Journal of Physical Oceanography</i> , 2012, 42, 991-1011.	1.7	22
42	Using gliders to study a phytoplankton bloom in the Ross Sea, antarctica. , 2011, , .		5
43	The Subpolar Front of the Japan/East Sea. Part II: Inverse Method for Determining the Frontal Vertical Circulation. <i>Journal of Physical Oceanography</i> , 2010, 40, 3-25.	1.7	38
44	Observations of storm-induced mixing and Gulf Stream Ring incursion over the southern flank of Georges Bank: Winter and summer 1997. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	18
45	Calcium carbonate saturation states in the waters of the Canadian Arctic Archipelago and the Labrador Sea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	102
46	Analysis of the Arctic System for Freshwater Cycle Intensification: Observations and Expectations. <i>Journal of Climate</i> , 2010, 23, 5715-5737.	3.2	303
47	Surprising return of deep convection to the subpolar North Atlantic Ocean in winter 2007-2008. <i>Nature Geoscience</i> , 2009, 2, 67-72.	12.9	160
48	Turbulence in the wintertime northern Adriatic Sea under strong atmospheric forcing. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	10
49	A climatology of the northern Adriatic Sea's response to bora and river forcing. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	40
50	Bora event variability and the role of air-sea feedback. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	72
51	The arctic freshwater system: Changes and impacts. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	203
52	Introduction to special section: Recent Advances in Oceanography and Marine Meteorology of the Adriatic Sea. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	9
53	The large-scale freshwater cycle of the Arctic. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	478
54	Acoustic navigation and communication for High-Latitude Ocean Research Workshop. <i>Eos</i> , 2006, 87, 268.	0.1	9

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55	Internal Tides and Turbulence along the 3000-m Isobath of the Hawaiian Ridge. Journal of Physical Oceanography, 2006, 36, 1165-1183.	1.7	91
56	Intensification of Ocean Fronts by Down-Front Winds. Journal of Physical Oceanography, 2005, 35, 1086-1102.	1.7	244
57	Introduction to special section: U.S. GLOBEC: Physical processes on Georges Bank (GLOBEC). Journal of Geophysical Research, 2003, 108, .	3.3	6