

# Erik van Sebille

## List of Publications by Year in descending order

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Version: 2024-02-01

148  
papers

10,891  
citations

38660

50  
h-index

34900

98  
g-index

207  
all docs

207  
docs citations

207  
times ranked

10798  
citing authors

#	ARTICLE	IF	CITATIONS
1	A global inventory of small floating plastic debris. <i>Environmental Research Letters</i> , 2015, 10, 124006.	2.2	1,113
2	The tropicalization of temperate marine ecosystems: climate-mediated changes in herbivory and community phase shifts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140846.	1.2	679
3	Threat of plastic pollution to seabirds is global, pervasive, and increasing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11899-11904.	3.3	672
4	The physical oceanography of the transport of floating marine debris. <i>Environmental Research Letters</i> , 2020, 15, 023003.	2.2	469
5	The Arctic Ocean as a dead end for floating plastics in the North Atlantic branch of the Thermohaline Circulation. <i>Science Advances</i> , 2017, 3, e1600582.	4.7	417
6	Origin, dynamics and evolution of ocean garbage patches from observed surface drifters. <i>Environmental Research Letters</i> , 2012, 7, 044040.	2.2	380
7	Lagrangian ocean analysis: Fundamentals and practices. <i>Ocean Modelling</i> , 2018, 121, 49-75.	1.0	313
8	Connectivity Modeling System: A probabilistic modeling tool for the multi-scale tracking of biotic and abiotic variability in the ocean. <i>Environmental Modelling and Software</i> , 2013, 42, 47-54.	1.9	270
9	All is not lost: deriving a top-down mass budget of plastic at sea. <i>Environmental Research Letters</i> , 2017, 12, 114028.	2.2	231
10	Antarctica's ecological isolation will be broken by storm-driven dispersal and warming. <i>Nature Climate Change</i> , 2018, 8, 704-708.	8.1	220
11	Plastics in sea surface waters around the Antarctic Peninsula. <i>Scientific Reports</i> , 2019, 9, 3977.	1.6	210
12	Toward the Integrated Marine Debris Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	178
13	An inshore-offshore sorting system revealed from global classification of ocean litter. <i>Nature Sustainability</i> , 2021, 4, 484-493.	11.5	178
14	The Parcels v2.0 Lagrangian framework: new field interpolation schemes. <i>Geoscientific Model Development</i> , 2019, 12, 3571-3584.	1.3	172
15	Plastic pollution in the Arctic. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 323-337.	12.2	161
16	The Role of Ekman Currents, Geostrophy, and Stokes Drift in the Accumulation of Floating Microplastic. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1474-1490.	1.0	159
17	Using Numerical Model Simulations to Improve the Understanding of Micro-plastic Distribution and Pathways in the Marine Environment. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	157
18	The occurrence and degradation of aquatic plastic litter based on polymer physicochemical properties: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 685-722.	6.6	148

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19	Biogeographic patterns in ocean microbes emerge in a neutral agent-based model. <i>Science</i> , 2014, 345, 1346-1349.	6.0	141
20	Risk analysis reveals global hotspots for marine debris ingestion by sea turtles. <i>Global Change Biology</i> , 2016, 22, 567-576.	4.2	139
21	Advection shapes Southern Ocean microbial assemblages independent of distance and environment effects. <i>Nature Communications</i> , 2013, 4, 2457.	5.8	123
22	Long-term trends in the East Australian Current separation latitude and eddy driven transport. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4351-4366.	1.0	116
23	Parcels v0.9: prototyping a Lagrangian ocean analysis framework for the petascale age. <i>Geoscientific Model Development</i> , 2017, 10, 4175-4186.	1.3	115
24	Modeling marine surface microplastic transport to assess optimal removal locations. <i>Environmental Research Letters</i> , 2016, 11, 014006.	2.2	107
25	Pacific-Indian Ocean connectivity: Tasman leakage, Indonesian Throughflow, and the role of ENSO. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1365-1382.	1.0	105
26	Risk assessment of plastic pollution on marine diversity in the Mediterranean Sea. <i>Science of the Total Environment</i> , 2019, 678, 188-196.	3.9	105
27	Anticyclonic eddies increase accumulation of microplastic in the North Atlantic subtropical gyre. <i>Marine Pollution Bulletin</i> , 2018, 126, 191-196.	2.3	104
28	Global simulations of marine plastic transport show plastic trapping in coastal zones. <i>Environmental Research Letters</i> , 2021, 16, 064053.	2.2	91
29	How well-connected is the surface of the global ocean?. <i>Chaos</i> , 2014, 24, 033126.	1.0	89
30	Measuring currents, ice drift, and waves from space: the Sea surface Kinematics Multiscale monitoring (SKIM) concept. <i>Ocean Science</i> , 2018, 14, 337-354.	1.3	87
31	Influence of Near-Surface Currents on the Global Dispersal of Marine Microplastic. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6086-6096.	1.0	85
32	Drift in ocean currents impacts intergenerational microbial exposure to temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5700-5705.	3.3	78
33	Atlantic multi-decadal oscillation covaries with Agulhas leakage. <i>Nature Communications</i> , 2015, 6, 10082.	5.8	71
34	Closing the Mediterranean Marine Floating Plastic Mass Budget: Inverse Modeling of Sources and Sinks. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11980-11989.	4.6	71
35	Concept for a hyperspectral remote sensing algorithm for floating marine macro plastics. <i>Marine Pollution Bulletin</i> , 2018, 126, 255-262.	2.3	70
36	Global Modeled Sinking Characteristics of Biofouled Microplastic. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017098.	1.0	69

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37	Ocean currents generate large footprints in marine palaeoclimate proxies. <i>Nature Communications</i> , 2015, 6, 6521.	5.8	66
38	A weaker Agulhas Current leads to more Agulhas leakage. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	65
39	Strengthened currents override the effect of warming on lobster larval dispersal and survival. <i>Global Change Biology</i> , 2015, 21, 4377-4386.	4.2	65
40	The true depth of the Mediterranean plastic problem: Extreme microplastic pollution on marine turtle nesting beaches in Cyprus. <i>Marine Pollution Bulletin</i> , 2018, 136, 334-340.	2.3	65
41	Prevention through policy: Urban macroplastic leakages to the marine environment during extreme rainfall events. <i>Marine Pollution Bulletin</i> , 2017, 124, 211-227.	2.3	63
42	What caused the significant increase in Atlantic Ocean heat content since the mid-20th century?. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	62
43	Vertical transport in the ocean due to sub-mesoscale structures: Impacts in the Kerguelen region. <i>Ocean Modelling</i> , 2014, 80, 10-23.	1.0	62
44	Inferring source regions and supply mechanisms of iron in the Southern Ocean from satellite chlorophyll data. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 104, 9-25.	0.6	61
45	Anticipating changes to future connectivity within a network of marine protected areas. <i>Global Change Biology</i> , 2017, 23, 3533-3542.	4.2	60
46	Integrated Observations of Global Surface Winds, Currents, and Waves: Requirements and Challenges for the Next Decade. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	60
47	Multi-decadal projections of surface and interior pathways of the Fukushima Cesium-137 radioactive plume. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 80, 37-46.	0.6	59
48	Abyssal connections of Antarctic Bottom Water in a Southern Ocean State Estimate. <i>Geophysical Research Letters</i> , 2013, 40, 2177-2182.	1.5	57
49	The Southern Ocean and Its Climate in CCSM4. <i>Journal of Climate</i> , 2012, 25, 2652-2675.	1.2	56
50	Future changes to the Indonesian Throughflow and Pacific circulation: The differing role of wind and deep circulation changes. <i>Geophysical Research Letters</i> , 2016, 43, 1669-1678.	1.5	56
51	Propagation pathways of classical Labrador Sea water from its source region to 26°N. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	54
52	SKIM, a Candidate Satellite Mission Exploring Global Ocean Currents and Waves. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	52
53	Early Last Interglacial ocean warming drove substantial ice mass loss from Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3996-4006.	3.3	50
54	Role of Indian Ocean Dynamics on Accumulation of Buoyant Debris. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2571-2590.	1.0	48

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55	Tasman leakage in a fine-resolution ocean model. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	47
56	Impact of Agulhas Leakage on the Atlantic Overturning Circulation in the CCSM4. <i>Journal of Climate</i> , 2014, 27, 101-110.	1.2	46
57	Beaching patterns of plastic debris along the Indian Ocean rim. <i>Ocean Science</i> , 2020, 16, 1317-1336.	1.3	45
58	Extreme air-sea interaction over the North Atlantic subpolar gyre during the winter of 2013-2014 and its sub-surface legacy. <i>Climate Dynamics</i> , 2016, 46, 4027-4045.	1.7	44
59	Lagrangian validation of numerical drifter trajectories using drifting buoys: Application to the Agulhas system. <i>Ocean Modelling</i> , 2009, 29, 269-276.	1.0	43
60	Quantification of errors induced by temporal resolution on Lagrangian particles in an eddy-resolving model. <i>Ocean Modelling</i> , 2014, 76, 20-30.	1.0	42
61	Advective Time Scales of Agulhas Leakage to the North Atlantic in Surface Drifter Observations and the 3D OFES Model. <i>Journal of Physical Oceanography</i> , 2011, 41, 1026-1034.	0.7	41
62	The fate of the Deep Western Boundary Current in the South Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 103, 125-136.	0.6	41
63	Rare long-distance dispersal of a marine angiosperm across the Pacific Ocean. <i>Global Ecology and Biogeography</i> , 2018, 27, 487-496.	2.7	41
64	Does the vorticity flux from Agulhas rings control the zonal pathway of NADW across the South Atlantic?. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	40
65	The oceans™ accumulating plastic garbage. <i>Physics Today</i> , 2015, 68, 60-61.	0.3	40
66	Water mass pathways to the North Atlantic oxygen minimum zone. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3350-3372.	1.0	40
67	Basin-scale sources and pathways of microplastic that ends up in the Galápagos Archipelago. <i>Ocean Science</i> , 2019, 15, 1341-1349.	1.3	40
68	On-shelf larval retention limits population connectivity in a coastal broadcast spawner. <i>Marine Ecology - Progress Series</i> , 2015, 532, 1-12.	0.9	40
69	On the fast decay of Agulhas rings. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	39
70	Response of a Strongly Eddyding Global Ocean to North Atlantic Freshwater Perturbations. <i>Journal of Physical Oceanography</i> , 2014, 44, 464-481.	0.7	39
71	Estimating the Mass of Chemicals Associated with Ocean Plastic Pollution to Inform Mitigation Efforts. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 596-606.	1.6	38
72	Flux comparison of Eulerian and Lagrangian estimates of Agulhas leakage: A case study using a numerical model. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 319-327.	0.6	36

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73	Adrift.org.au – A free, quick and easy tool to quantitatively study planktonic surface drift in the global ocean. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 317-322.	0.7	36
74	Sources, fate, and pathways of Leeuwin Current water in the Indian Ocean and Great Australian Bight: A Lagrangian study in an eddy-resolving ocean model. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1626-1639.	1.0	34
75	Influence of Barotropic Tidal Currents on Transport and Accumulation of Floating Microplastics in the Global Open Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015583.	1.0	34
76	Oceanography promotes self-recruitment in a planktonic larval disperser. <i>Scientific Reports</i> , 2016, 6, 34205.	1.6	32
77	Wind Forced Variability in Eddy Formation, Eddy Shedding, and the Separation of the East Australian Current. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9980-9998.	1.0	32
78	Transport Bias by Ocean Currents in Sedimentary Microplankton Assemblages: Implications for Paleooceanographic Reconstructions. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1178-1194.	1.3	32
79	Phytoplankton thermal responses adapt in the absence of hard thermodynamic constraints. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 775-790.	1.1	32
80	Variability of the Deep Western Boundary Current at 26.5°N during 2004–2009. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 85, 154-168.	0.6	31
81	Studying an Agulhas ring's long-term pathway and decay with finite-time coherent sets. <i>Chaos</i> , 2015, 25, 083119.	1.0	31
82	Episodic and non-uniform shifts of thermal habitats in a warming ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 113, 59-72.	0.6	31
83	Quantitative estimate of the paleo-Agulhas leakage. <i>Geophysical Research Letters</i> , 2014, 41, 1238-1246.	1.5	29
84	Dispersal of Eastern King Prawn larvae in a western boundary current: New insights from particle tracking. <i>Fisheries Oceanography</i> , 2017, 26, 513-525.	0.9	29
85	Surface Connectivity and Inter-ocean Exchanges From Drifter-Based Transition Matrices. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 514-532.	1.0	29
86	Fast Northward Energy Transfer in the Atlantic due to Agulhas Rings. <i>Journal of Physical Oceanography</i> , 2007, 37, 2305-2315.	0.7	28
87	The quest for seafloor macrolitter: a critical review of background knowledge, current methods and future prospects. <i>Environmental Research Letters</i> , 0, , .	2.2	28
88	An individual-based model of skipjack tuna ( <i>Katsuwonus pelamis</i> ) movement in the tropical Pacific ocean. <i>Progress in Oceanography</i> , 2018, 164, 63-74.	1.5	27
89	Modelling size distributions of marine plastics under the influence of continuous cascading fragmentation. <i>Environmental Research Letters</i> , 2021, 16, 054075.	2.2	27
90	Quasi-zonal jets in 3-D Argo data of the northeast Atlantic. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	26

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91	Laboratory Measurements of the Wave-Induced Motion of Plastic Particles: Influence of Wave Period, Plastic Size and Plastic Density. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016294.	1.0	26
92	Sinking microplastics in the water column: simulations in the Mediterranean Sea. <i>Ocean Science</i> , 2021, 17, 431-453.	1.3	26
93	A global mean sea surface temperature dataset for the Last Interglacial (129â€“116â€‰ka) and contribution of thermal expansion to sea level change. <i>Earth System Science Data</i> , 2020, 12, 3341-3356.	3.7	26
94	Ongoing Dispersal of the 7 August 2019 Pumice Raft From the Tonga Arc in the Southwestern Pacific Ocean. <i>Geophysical Research Letters</i> , 2020, 47, e1701121.	1.5	25
95	Pairwise surface drifter separation in the western Pacific sector of the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6769-6781.	1.0	23
96	Tropical forcing of increased Southern Ocean climate variability revealed by a 140-year subantarctic temperature reconstruction. <i>Climate of the Past</i> , 2017, 13, 231-248.	1.3	23
97	Iron sources and pathways into the Pacific Equatorial Undercurrent. <i>Geophysical Research Letters</i> , 2016, 43, 9843-9851.	1.5	23
98	Variability in the origins and pathways of Pacific Equatorial Undercurrent water. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3113-3128.	1.0	22
99	Modelling submerged biofouled microplastics and their vertical trajectories. <i>Biogeosciences</i> , 2022, 19, 2211-2234.	1.3	22
100	Retention and Leakage of Water by Mesoscale Eddies in the East Australian Current System. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2485-2500.	1.0	21
101	Assessing the accuracy of satellite derived ocean currents by comparing observed and virtual buoys in the Greater Agulhas Region. <i>Remote Sensing of Environment</i> , 2018, 216, 735-746.	4.6	20
102	Cocos (Keeling) Corals Reveal 200 Years of Multidecadal Modulation of Southeast Indian Ocean Hydrology by Indonesian Throughflow. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 48-60.	1.3	19
103	Resolution dependency of sinking Lagrangian particles in ocean general circulation models. <i>PLoS ONE</i> , 2020, 15, e0238650.	1.1	18
104	Dispersion of Surface Drifters in the Tropical Atlantic. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	17
105	Brief communication: Impacts of a developing polynya off Commonwealth Bay, East Antarctica, triggered by grounding of iceberg B09B. <i>Cryosphere</i> , 2016, 10, 2603-2609.	1.5	16
106	The Role of Ocean Currents in the Temperature Selection of Plankton: Insights from an Individual-Based Model. <i>PLoS ONE</i> , 2016, 11, e0167010.	1.1	16
107	Circadian clock helps cyanobacteria manage energy in coastal and high latitude ocean. <i>ISME Journal</i> , 2020, 14, 560-568.	4.4	16
108	Optimising fisheries management in relation to tuna catches in the western central Pacific Ocean: A review of research priorities and opportunities. <i>Marine Policy</i> , 2015, 59, 94-104.	1.5	15

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109	Environmental versus operational drivers of drifting FAD beaching in the Western and Central Pacific Ocean. <i>Scientific Reports</i> , 2019, 9, 14005.	1.6	15
110	Advective Time Scales of Agulhas Leakage to the North Atlantic in Surface Drifter Observations and the 3D OFES Model. <i>Journal of Physical Oceanography</i> , 2011, 41, 1026-1034.	0.7	13
111	The Role of the New Zealand Plateau in the Tasman Sea Circulation and Separation of the East Australian Current. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1457-1470.	1.0	13
112	Paleo Agulhas rings enter the subtropical gyre during the penultimate deglaciation. <i>Climate of the Past</i> , 2013, 9, 2631-2639.	1.3	13
113	Evaluation of oxygen isotopes and trace elements in planktonic foraminifera from the Mediterranean Sea as recorders of seawater oxygen isotopes and salinity. <i>Climate of the Past</i> , 2020, 16, 2401-2414.	1.3	12
114	Sea surface slope as a proxy for Agulhas Current strength. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	11
115	Isolation by environment in the highly mobile olive ridley turtle ( <i>Lepidochelys olivacea</i> ) in the eastern Pacific. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180264.	1.2	11
116	Subtropical-tropical pathways of spiciness anomalies and their impact on equatorial Pacific temperature. <i>Climate Dynamics</i> , 2021, 56, 1131-1144.	1.7	11
117	The discovery of New Zealand's oldest shipwreck – possible evidence of further Dutch exploration of the South Pacific. <i>Journal of Archaeological Science</i> , 2014, 42, 435-441.	1.2	10
118	Empirical Lagrangian parametrization for wind-driven mixing of buoyant particles at the ocean surface. <i>Geoscientific Model Development</i> , 2022, 15, 1995-2012.	1.3	10
119	Using Eulerian and Lagrangian Approaches to Investigate Wind-Driven Changes in the Southern Ocean Abyssal Circulation. <i>Journal of Physical Oceanography</i> , 2013, 44, 662-675.	0.7	9
120	Identifying Marine Sources of Beached Plastics Through a Bayesian Framework: Application to Southwest Netherlands. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	9
121	Live cell analysis at sea reveals divergent thermal performance between photosynthetic ocean microbial eukaryote populations. <i>ISME Journal</i> , 2019, 13, 1374-1378.	4.4	8
122	Regional connectivity and spatial densities of drifting fish aggregating devices, simulated from fishing events in the Western and Central Pacific Ocean. <i>Environmental Research Communications</i> , 2019, 1, 055001.	0.9	7
123	Using machine learning and beach cleanup data to explain litter quantities along the Dutch North Sea coast. <i>Ocean Science</i> , 2022, 18, 269-293.	1.3	7
124	Nitrate Sources, Supply, and Phytoplankton Growth in the Great Australian Bight: An Eulerian-Lagrangian Modeling Approach. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 759-772.	1.0	6
125	Mixing of passive tracers at the ocean surface and its implications for plastic transport modelling. <i>Environmental Research Communications</i> , 2019, 1, 115001.	0.9	6
126	Ordering of trajectories reveals hierarchical finite-time coherent sets in Lagrangian particle data: detecting Agulhas rings in the South Atlantic Ocean. <i>Nonlinear Processes in Geophysics</i> , 2021, 28, 43-59.	0.6	6



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127	Detecting flow features in scarce trajectory data using networks derived from symbolic itineraries: an application to surface drifters in the North Atlantic. <i>Nonlinear Processes in Geophysics</i> , 2020, 27, 501-518.	0.6	6
128	Simulating Lagrangian Subgrid-Scale Dispersion on Neutral Surfaces in the Ocean. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	5
129	Limited Lateral Transport Bias During Export of Sea Surface Temperature Proxy Carriers in the Mediterranean Sea. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
130	Ocean Surface Connectivity in the Arctic: Capabilities and Caveats of Community Detection in Lagrangian Flow Networks. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016416.	1.0	4
131	Water Mass Transports and Pathways in the North Brazil-Equatorial Undercurrent Retroflexion. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	3
132	Sedimentary microplankton distributions are shaped by oceanographically connected areas. <i>Earth System Dynamics</i> , 2022, 13, 357-371.	2.7	3
133	PRACTICES, PITFALLS AND GUIDELINES IN VISUALISING LAGRANGIAN OCEAN ANALYSES. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, V-4-2021, 217-224.	0.0	2
134	The restless ocean. , 2021, , 1-24.		0
135	Western boundary currents and drifting organisms. , 2021, , 103-143.		0
136	Processes and flows in marginal seas. , 2021, , 375-448.		0
137	Surface drift, gyres, and the fate of plastic. , 2021, , 63-102.		0
138	Ocean boundaries, connectivity, and inter-ocean exchanges. , 2021, , 449-460.		0
139	From the northern subpolar oceans to the Arctic and its retreating sea ice. , 2021, , 241-301.		0
140	The tropical oceans, interannual climate variability, and ecosystem adaptation. , 2021, , 189-239.		0
141	From the Southern Ocean to Antarctica and its changing ice shelves. , 2021, , 303-373.		0
142	Resolution dependency of sinking Lagrangian particles in ocean general circulation models. , 2020, 15, e0238650.		0
143	Resolution dependency of sinking Lagrangian particles in ocean general circulation models. , 2020, 15, e0238650.		0
144	Resolution dependency of sinking Lagrangian particles in ocean general circulation models. , 2020, 15, e0238650.		0

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145	Resolution dependency of sinking Lagrangian particles in ocean general circulation models. , 2020, 15, e0238650.		0
146	Resolution dependency of sinking Lagrangian particles in ocean general circulation models. , 2020, 15, e0238650.		0
147	Resolution dependency of sinking Lagrangian particles in ocean general circulation models. , 2020, 15, e0238650.		0
148	Attribution of Plastic Sources Using Bayesian Inference: Application to River-Sourced Floating Plastic in the South Atlantic Ocean. Frontiers in Marine Science, 0, 9, .	1.2	0