

Erik van Sebille

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150
papers

6,831
citations

41
h-index

79
g-index

207
ext. papers

8,966
ext. citations

5.8
avg. IF

6.45
L-index

#	Paper	IF	Citations
150	A global inventory of small floating plastic debris. <i>Environmental Research Letters</i> , 2015 , 10, 124006	6.2	746
149	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	4.4	488
148	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, 11899-904	11.5	458
147	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	14.3	298
146	Origin, dynamics and evolution of ocean garbage patches from observed surface drifters. <i>Environmental Research Letters</i> , 2012 , 7, 044040	6.2	276
145	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	5.2	218
144	Lagrangian ocean analysis: Fundamentals and practices. <i>Ocean Modelling</i> , 2018 , 121, 49-75	3	190
143	The physical oceanography of the transport of floating marine debris. <i>Environmental Research Letters</i> , 2020 , 15, 023003	6.2	186
142	Antarctica's ecological isolation will be broken by storm-driven dispersal and warming. <i>Nature Climate Change</i> , 2018 , 8, 704-708	21.4	151
141	All is not lost: deriving a top-down mass budget of plastic at sea. <i>Environmental Research Letters</i> , 2017 , 12, 114028	6.2	148
140	Plastics in sea surface waters around the Antarctic Peninsula. <i>Scientific Reports</i> , 2019 , 9, 3977	4.9	120
139	Biogeographic patterns in ocean microbes emerge in a neutral agent-based model. <i>Science</i> , 2014 , 345, 1346-9	33.3	109
138	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,	4.5	103
137	Risk analysis reveals global hotspots for marine debris ingestion by sea turtles. <i>Global Change Biology</i> , 2016 , 22, 567-76	11.4	95
136	Toward the Integrated Marine Debris Observing System. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	91
135	Advection shapes Southern Ocean microbial assemblages independent of distance and environment effects. <i>Nature Communications</i> , 2013 , 4, 2457	17.4	87
134	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	3.3	85

133	Pacific-to-Indian Ocean connectivity: Tasman leakage, Indonesian Throughflow, and the role of ENSO. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 1365-1382	3.3	81
132	Modeling marine surface microplastic transport to assess optimal removal locations. <i>Environmental Research Letters</i> , 2016 , 11, 014006	6.2	80
131	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	11.1	72
130	How well-connected is the surface of the global ocean?. <i>Chaos</i> , 2014 , 24, 033126	3.3	72
129	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	3.3	70
128	Anticyclonic eddies increase accumulation of microplastic in the North Atlantic subtropical gyre. <i>Marine Pollution Bulletin</i> , 2018 , 126, 191-196	6.7	66
127	The Parcels v2.0 Lagrangian framework: new field interpolation schemes. <i>Geoscientific Model Development</i> , 2019 , 12, 3571-3584	6.3	65
126	Parcels v0.9: prototyping a Lagrangian ocean analysis framework for the petascale age. <i>Geoscientific Model Development</i> , 2017 , 10, 4175-4186	6.3	61
125	Measuring currents, ice drift, and waves from space: the Sea surface Kinematics Multiscale monitoring (SKIM) concept. <i>Ocean Science</i> , 2018 , 14, 337-354	4	60
124	Risk assessment of plastic pollution on marine diversity in the Mediterranean Sea. <i>Science of the Total Environment</i> , 2019 , 678, 188-196	10.2	58
123	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	4.9	57
122	Influence of Near-Surface Currents on the Global Dispersal of Marine Microplastic. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 6086-6096	3.3	53
121	Atlantic multi-decadal oscillation covaries with Agulhas leakage. <i>Nature Communications</i> , 2015 , 6, 10082	17.4	53
120	The Southern Ocean and Its Climate in CCSM4. <i>Journal of Climate</i> , 2012 , 25, 2652-2675	4.4	51
119	A weaker Agulhas Current leads to more Agulhas leakage. <i>Geophysical Research Letters</i> , 2009 , 36, n/a-n/a	4.9	51
118	Vertical transport in the ocean due to sub-mesoscale structures: Impacts in the Kerguelen region. <i>Ocean Modelling</i> , 2014 , 80, 10-23	3	49
117	Ocean currents generate large footprints in marine palaeoclimate proxies. <i>Nature Communications</i> , 2015 , 6, 6521	17.4	48
116	Abyssal connections of Antarctic Bottom Water in a Southern Ocean State Estimate. <i>Geophysical Research Letters</i> , 2013 , 40, 2177-2182	4.9	48

115	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	2.5	48
114	Concept for a hyperspectral remote sensing algorithm for floating marine macro plastics. <i>Marine Pollution Bulletin</i> , 2018 , 126, 255-262	6.7	48
113	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, 5700-5	11.5	47
112	Strengthened currents override the effect of warming on lobster larval dispersal and survival. <i>Global Change Biology</i> , 2015 , 21, 4377-86	11.4	45
111	Propagation pathways of classical Labrador Sea water from its source region to 26°N. <i>Journal of Geophysical Research</i> , 2011 , 116,		44
110	Tasman leakage in a fine-resolution ocean model. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	41
109	Anticipating changes to future connectivity within a network of marine protected areas. <i>Global Change Biology</i> , 2017 , 23, 3533-3542	11.4	40
108	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	2.5	40
107	An inshore-offshore sorting system revealed from global classification of ocean litter. <i>Nature Sustainability</i> , 2021 , 4, 484-493	22.1	39
106	Prevention through policy: Urban macroplastic leakages to the marine environment during extreme rainfall events. <i>Marine Pollution Bulletin</i> , 2017 , 124, 211-227	6.7	38
105	Lagrangian validation of numerical drifter trajectories using drifting buoys: Application to the Agulhas system. <i>Ocean Modelling</i> , 2009 , 29, 269-276	3	38
104	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	4.9	36
103	Response of a Strongly Eddying Global Ocean to North Atlantic Freshwater Perturbations. <i>Journal of Physical Oceanography</i> , 2014 , 44, 464-481	2.4	35
102	Integrated Observations of Global Surface Winds, Currents, and Waves: Requirements and Challenges for the Next Decade. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	34
101	SKIM, a Candidate Satellite Mission Exploring Global Ocean Currents and Waves. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	34
100	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	4.2	34
99	Impact of Agulhas Leakage on the Atlantic Overturning Circulation in the CCSM4. <i>Journal of Climate</i> , 2014 , 27, 101-110	4.4	34
98	On the fast decay of Agulhas rings. <i>Journal of Geophysical Research</i> , 2010 , 115,		33

97	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	2.5	33
96	Water mass pathways to the North Atlantic oxygen minimum zone. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 3350-3372	3.3	32
95	Quantification of errors induced by temporal resolution on Lagrangian particles in an eddy-resolving model. <i>Ocean Modelling</i> , 2014 , 76, 20-30	3	32
94	The oceans accumulating plastic garbage. <i>Physics Today</i> , 2015 , 68, 60-61	0.9	32
93	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	11.5	30
92	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, n/a-n/a		30
91	Closing the Mediterranean Marine Floating Plastic Mass Budget: Inverse Modeling of Sources and Sinks. <i>Environmental Science & Technology</i> , 2020 , 54, 11980-11989	10.3	29
90	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	6.7	29
89	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	2.5	28
88	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	3.3	28
87	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	2.4	28
86	Role of Indian Ocean Dynamics on Accumulation of Buoyant Debris. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 2571-2590	3.3	27
85	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	2.3	27
84	On-shelf larval retention limits population connectivity in a coastal broadcast spawner. <i>Marine Ecology - Progress Series</i> , 2015 , 532, 1-12	2.6	27
83	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	2.5	26
82	Studying an Agulhas ring's long-term pathway and decay with finite-time coherent sets. <i>Chaos</i> , 2015 , 25, 083119	3.3	26
81	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	2.1	26
80	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	2.3	24

79	Rare long-distance dispersal of a marine angiosperm across the Pacific Ocean. <i>Global Ecology and Biogeography</i> , 2018 , 27, 487-496	6.1	24
78	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	3.3	24
77	Quantitative estimate of the paleo-Agulhas leakage. <i>Geophysical Research Letters</i> , 2014 , 41, 1238-1246	4.9	23
76	Quasi-zonal jets in 3-D Argo data of the northeast Atlantic. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	23
75	Oceanography promotes self-recruitment in a planktonic larval disperser. <i>Scientific Reports</i> , 2016 , 6, 34205	4.5	23
74	Fast Northward Energy Transfer in the Atlantic due to Agulhas Rings. <i>Journal of Physical Oceanography</i> , 2007 , 37, 2305-2315	2.4	22
73	Surface Connectivity and Interocean Exchanges From Drifter-Based Transition Matrices. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 514-532	3.3	20
72	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	3.9	20
71	Iron sources and pathways into the Pacific Equatorial Undercurrent. <i>Geophysical Research Letters</i> , 2016 , 43, 9843-9851	4.9	19
70	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	3.3	17
69	Global Modeled Sinking Characteristics of Biofouled Microplastic. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2020JC017098	3.3	17
68	Global simulations of marine plastic transport show plastic trapping in coastal zones. <i>Environmental Research Letters</i> , 2021 , 16, 064053	6.2	17
67	Transport Bias by Ocean Currents in Sedimentary Microplankton Assemblages: Implications for Paleoceanographic Reconstructions. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1178-1194	3.3	16
66	Variability in the origins and pathways of Pacific Equatorial Undercurrent water. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 3113-3128	3.3	16
65	Dispersal of Eastern King Prawn larvae in a western boundary current: New insights from particle tracking. <i>Fisheries Oceanography</i> , 2017 , 26, 513-525	2.4	15
64	Phytoplankton thermal responses adapt in the absence of hard thermodynamic constraints. <i>Evolution; International Journal of Organic Evolution</i> , 2020 , 74, 775-790	3.8	15
63	Beaching patterns of plastic debris along the Indian Ocean rim. <i>Ocean Science</i> , 2020 , 16, 1317-1336	4	15
62	Pairwise surface drifter separation in the western Pacific sector of the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 6769-6781	3.3	14

61	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	13.2	13
60	Basin-scale sources and pathways of microplastic that ends up in the Galápagos Archipelago. <i>Ocean Science</i> , 2019 , 15, 1341-1349	4	13
59	Paleo Agulhas rings enter the subtropical gyre during the penultimate deglaciation. <i>Climate of the Past</i> , 2013 , 9, 2631-2639	3.9	13
58	Sinking microplastics in the water column: simulations in the Mediterranean Sea. <i>Ocean Science</i> , 2021 , 17, 431-453	4	13
57	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	3.3	12
56	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	3.8	12
55	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	2.4	12
54	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	5.5	12
53	Measuring currents, ice drift, and waves from space: the Sea Surface Kinematics Multiscale monitoring (SKIM) concept 2017 ,		11
52	The quest for seafloor macrolitter: a critical review of background knowledge, current methods and future prospects. <i>Environmental Research Letters</i> ,	6.2	11
51	Circadian clock helps cyanobacteria manage energy in coastal and high latitude ocean. <i>ISME Journal</i> , 2020 , 14, 560-568	11.9	11
50	The Role of Ocean Currents in the Temperature Selection of Plankton: Insights from an Individual-Based Model. <i>PLoS ONE</i> , 2016 , 11, e0167010	3.7	11
49	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	3.5	10
48	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	4.9	10
47	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	3.3	10
46	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	3.3	10
45	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,	4.4	9
44	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	2.4	9

43	Sea surface slope as a proxy for Agulhas Current strength. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a.9		9
42	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	2.9	8
41	A global mean sea surface temperature dataset for the Last Interglacial (129–16 ka) and contribution of thermal expansion to sea level change. <i>Earth System Science Data</i> , 2020 , 12, 3341-3356	10.5	8
40	Resolution dependency of sinking Lagrangian particles in ocean general circulation models. <i>PLoS ONE</i> , 2020 , 15, e0238650	3.7	7
39	Modelling size distributions of marine plastics under the influence of continuous cascading fragmentation. <i>Environmental Research Letters</i> , 2021 , 16, 054075	6.2	6
38	Dispersion of Surface Drifters in the Tropical Atlantic. <i>Frontiers in Marine Science</i> , 2021 , 7,	4.5	6
37	The Parcels v2.0 Lagrangian framework: new field interpolation schemes 2019 ,		5
36	Parcels v0.9: prototyping a Lagrangian Ocean Analysis framework for the petascale age		5
35	Plastic pollution in the Arctic. <i>Nature Reviews Earth & Environment</i> ,	30.2	5
34	Live cell analysis at sea reveals divergent thermal performance between photosynthetic ocean microbial eukaryote populations. <i>ISME Journal</i> , 2019 , 13, 1374-1378	11.9	4
33	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	3.3	4
32	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	3.9	4
31	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	2.9	4
30	Subtropical-tropical pathways of spiciness anomalies and their impact on equatorial Pacific temperature. <i>Climate Dynamics</i> , 2021 , 56, 1131-1144	4.2	4
29	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	3.1	3
28	Environmental versus operational drivers of drifting FAD beaching in the Western and Central Pacific Ocean. <i>Scientific Reports</i> , 2019 , 9, 14005	4.9	3
27	Mixing of passive tracers at the ocean surface and its implications for plastic transport modelling. <i>Environmental Research Communications</i> , 2019 , 1, 115001	3.1	3
26	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	2.3	3

25	Beaching patterns of plastic debris along the Indian Ocean rim		2
24	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	3.3	2
23	Basin-scale sources and pathways of microplastic that ends up in the Galápagos Archipelago 2019 ,		1
22	Phytoplankton thermal responses adapt in the absence of hard thermodynamic constraints		1
21	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	2.9	1
20	Empirical Lagrangian parametrization for wind-driven mixing of buoyant particles at the ocean surface. <i>Geoscientific Model Development</i> , 2022 , 15, 1995-2012	6.3	1
19	Identifying Marine Sources of Beached Plastics through a Bayesian Framework: Application to Southwest Netherlands. <i>Geophysical Research Letters</i> ,	4.9	0
18	Limited lateral transport bias during export of sea surface temperature proxy carriers in the Mediterranean Sea. <i>Geophysical Research Letters</i> ,	4.9	0
17	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	4	0
16	Modelling submerged biofouled microplastics and their vertical trajectories. <i>Biogeosciences</i> , 2022 , 19, 2211-2234	4.6	0
15	Sedimentary microplankton distributions are shaped by oceanographically connected areas. <i>Earth System Dynamics</i> , 2022 , 13, 357-371	4.8	0
14	The restless ocean 2021 , 1-24		
13	Western boundary currents and drifting organisms 2021 , 103-143		
12	Processes and flows in marginal seas 2021 , 375-448		
11	Surface drift, gyres, and the fate of plastic 2021 , 63-102		
10	Ocean boundaries, connectivity, and inter-ocean exchanges 2021 , 449-460		
9	From the northern subpolar oceans to the Arctic and its retreating sea ice 2021 , 241-301		
8	The tropical oceans, interannual climate variability, and ecosystem adaptation 2021 , 189-239		

- 7 From the Southern Ocean to Antarctica and its changing ice shelves **2021**, 303-373
- 6 Resolution dependency of sinking Lagrangian particles in ocean general circulation models **2020**, 15, e0238650
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