Neil Banas

List of Publications by Year
in descending order

40 papers	2,239 citations	279701 23 h-index	315616 38 g-index
42 all docs	42 docs citations	42 times ranked	2133 citing authors

#	Article	IF	Citations
1	Can a key boreal Calanus copepod species now complete its life-cycle in the Arctic? Evidence and implications for Arctic food-webs. Ambio, 2022, 51, 333-344.	2.8	30
2	Spatio-temporal variation in the zooplankton prey of lesser sandeels: species and community trait patterns from the Continuous Plankton Recorder. ICES Journal of Marine Science, 2022, 79, 1649-1661.	1.2	1
3	A marine zooplankton community vertically structured by light across diel to interannual timescales. Biology Letters, 2021, 17, 20200810.	1.0	27
4	Estuarine Circulation, Mixing, and Residence Times in the Salish Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016738.	1.0	41
5	Sea ice decline drives biogeographical shifts of key Calanus species in the central Arctic Ocean. Global Change Biology, 2021, 27, 2128-2143.	4.2	38
6	Eat or Sleep: Availability of Winter Prey Explains Mid-Winter and Spring Activity in an Arctic Calanus Population. Frontiers in Marine Science, 2020, 7, .	1.2	25
7	Linking Chlorophyll Concentration and Wind Patterns Using Satellite Data in the Central and Northern California Current System. Frontiers in Marine Science, 2020, 7, .	1.2	2
8	Multi-day water residence time as a mechanism for physical and biological gradients across intertidal flats. Estuarine, Coastal and Shelf Science, 2019, 227, 106303.	0.9	8
9	The Effect of Alongcoast Advection on Pacific Northwest Shelf and Slope Water Properties in Relation to Upwelling Variability. Journal of Geophysical Research: Oceans, 2018, 123, 265-286.	1.0	8
10	GlobalHAB: Fostering International Coordination on Harmful Algal Bloom Research in Aquatic Systems. Ecological Studies, 2018, , 425-447.	0.4	7
11	Pelagic food-webs in a changing Arctic: a trait-based perspective suggests a mode of resilience. ICES Journal of Marine Science, 2018, 75, 1871-1881.	1.2	76
12	GlobalHAB: A New Program to Promote International Research, Observations, and Modeling of Harmful Algal Blooms in Aquatic Systems. Oceanography, 2017, 30, 70-81.	0.5	21
13	GlobalHAB: A New Program to Promote International Research, Observations, and Modeling of Harmful Algal Blooms in Aquatic Systems. Oceanography, 2017, 30, 70-81.	0.5	1
14	Copepod Life Strategy and Population Viability in Response to Prey Timing and Temperature: Testing a New Model across Latitude, Time, and the Size Spectrum. Frontiers in Marine Science, 2016, 3, .	1.2	26
15	Spring plankton dynamics in the Eastern Bering Sea, 1971â€“2050: Mechanisms of interannual variability diagnosed with a numerical model. Journal of Geophysical Research: Oceans, 2016, 121, 1476-1501.	1.0	11
16	Projected impacts of 21st century climate change on diapause in Calanus finmarchicus. Global Change Biology, 2016, 22, 3332-3340.	4.2	26
17	Estimating behavior in a black box: how coastal oceanographic dynamics influence yearling Chinook salmon marine growth and migration behaviors. Environmental Biology of Fishes, 2016, 99, 671-686.	0.4	8
18	Seasonal and interannual oxygen variability on the Washington and Oregon continental shelves. Journal of Geophysical Research: Oceans, 2015, 120, 608-633.	1.0	72

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19	A surface ocean trajectories visualization tool and its initial application to the Galician coast. Environmental Modelling and Software, 2015, 66, 12-16.	1.9	8
20	Present-day and future climate pathways affecting Alexandrium blooms in Puget Sound, WA, USA. Harmful Algae, 2015, 48, 1-11.	2.2	45
21	Patterns of River Influence and Connectivity Among Subbasins of Puget Sound, with Application to Bacterial and Nutrient Loading. Estuaries and Coasts, 2015, 38, 735-753.	1.0	30
22	Hindcasts of potential harmful algal bloom transport pathways on the Pacific Northwest coast. Journal of Geophysical Research: Oceans, 2014, 119, 2439-2461.	1.0	82
23	Estuaryâ€enhanced upwelling of marine nutrients fuels coastal productivity in the <scp>U.</scp>S. <scp>P</scp>acific <scp>N</scp>orthwest. Journal of Geophysical Research: Oceans, 2014, 119, 8778-8799.	1.0	65
24	Adding complex trophic interactions to a size-spectral plankton model: Emergent diversity patterns and limits on predictability. Ecological Modelling, 2011, 222, 2663-2675.	1.2	75
25	A Model Study of the Salish Sea Estuarine Circulation*. Journal of Physical Oceanography, 2011, 41, 1125-1143.	0.7	131
26	Multiple trophic levels fueled by recirculation in the Columbia River plume. Geophysical Research Letters, 2010, 37, .	1.5	36
27	River Influences on Shelf Ecosystems: Introduction and synthesis. Journal of Geophysical Research, 2010, 115, .	3.3	135
28	Green Crab Larval Retention in Willapa Bay, Washington: An Intensive Lagrangian Modeling Approach. Estuaries and Coasts, 2009, 32, 893-905.	1.0	48
29	The Columbia River plume as cross-shelf exporter and along-coast barrier. Continental Shelf Research, 2009, 29, 292-301.	0.9	89
30	A model study of tide- and wind-induced mixing in the Columbia River Estuary and plume. Continental Shelf Research, 2009, 29, 278-291.	0.9	146
31	Correction to â€œPlanktonic growth and grazing in the Columbia River plume region: A biophysical model studyâ€• Journal of Geophysical Research, 2009, 114, .	3.3	0
32	Evaluation of a coastal ocean circulation model for the Columbia River plume in summer 2004. Journal of Geophysical Research, 2009, 114, .	3.3	60
33	Planktonic growth and grazing in the Columbia River plume region: A biophysical model study. Journal of Geophysical Research, 2009, 114, .	3.3	23
34	New Insights into the Controls and Mechanisms of Plankton Productivity in Coastal Upwelling Waters of the Northern California Current System. Oceanography, 2008, 21, 46-59.	0.5	61
35	Why is the Northern End of the California Current System So Productive?. Oceanography, 2008, 21, 90-107.	0.5	171
36	Tidal exchange, bivalve grazing, and patterns of primary production in Willapa Bay, Washington, USA. Marine Ecology - Progress Series, 2007, 341, 123-139.	0.9	82

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37	Mapping exchange and residence time in a model of Willapa Bay, Washington, a branching, macrotidal estuary. Journal of Geophysical Research, 2005, 110, .	3.3	74
38	Dynamics of Willapa Bay, Washington: A Highly Unsteady, Partially Mixed Estuary. Journal of Physical Oceanography, 2004, 34, 2413-2427.	0.7	134
39	Oceanography of the U.S. Pacific Northwest Coastal Ocean and estuaries with application to coastal ecology. Estuaries and Coasts, 2003, 26, 1010-1031.	1.7	315
40	Experimental Validation of an Individual-Based Model for Zooplankton Swarming. , 2003, , 161-180.		1