

Bruno A Zakardjian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5586453/publications.pdf>

Version: 2024-02-01

31
papers

847
citations

361045

20
h-index

476904

29
g-index

31
all docs

31
docs citations

31
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the air-sea interactions at the mesoscale: the SEMAPHORE experiment. <i>Annales Geophysicae</i> , 1996, 14, 986-1015.	0.6	61
2	Life cycle of <i>Calanus finmarchicus</i> in the lower St. Lawrence Estuary: the imprint of circulation and late timing of the spring phytoplankton bloom. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2001, 58, 647-658.	0.7	56
3	Life cycle of <i>Calanus hyperboreus</i> in the lower St. Lawrence Estuary and its relationship to local environmental conditions. <i>Marine Ecology - Progress Series</i> , 2003, 255, 219-233.	0.9	51
4	Modeling jellyfish <i>Pelagia noctiluca</i> transport and stranding in the Ligurian Sea. <i>Marine Pollution Bulletin</i> , 2013, 70, 90-99.	2.3	44
5	Effects of temperature and circulation on the population dynamics of <i>Calanus finmarchicus</i> in the Gulf of St. Lawrence and Scotian Shelf: Study with a coupled, three-dimensional hydrodynamic, stage-based life history model. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	40
6	A case study of the mesoscale dynamics in the North-Western Mediterranean Sea: a combined data-model approach. <i>Ocean Dynamics</i> , 2013, 63, 793-808.	0.9	38
7	Control of dormancy by lipid metabolism in <i>Calanus finmarchicus</i> : a population model test. <i>Marine Ecology - Progress Series</i> , 2010, 403, 165-180.	0.9	37
8	Seasonal versus synoptic variability in planktonic production in a high-latitude marginal sea: The Gulf of St. Lawrence (Canada). <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	36
9	Application of SeaWiFS- and AVHRR-derived data for mesoscale and regional validation of a 3-D high-resolution physical-biological model of the Gulf of St. Lawrence (Canada). <i>Journal of Marine Systems</i> , 2006, 60, 30-50.	0.9	36
10	Modeling the interactions between the seasonal and diel migration behaviors of <i>Calanus finmarchicus</i> and the circulation in the Gulf of St. Lawrence (Canada). <i>Journal of Marine Systems</i> , 2011, 88, 183-202.	0.9	34
11	3D bio-physical model of the sympagic and planktonic productions in the Hudson Bay system. <i>Journal of Marine Systems</i> , 2011, 88, 401-422.	0.9	33
12	Wind-driven river plume dynamics and toxic <i>Alexandrium tamarense</i> blooms in the St. Lawrence estuary (Canada): A modeling study. <i>Harmful Algae</i> , 2008, 7, 214-227.	2.2	32
13	Biological and chemical signs of upward motions in permanent geostrophic fronts of the western Mediterranean. <i>Journal of Geophysical Research</i> , 1998, 103, 27849-27866.	3.3	31
14	Assessment of a NEMO-based downscaling experiment for the North-Western Mediterranean region: Impacts on the Northern Current and comparison with ADCP data and altimetry products. <i>Ocean Modelling</i> , 2011, 39, 386-404.	1.0	30
15	Late spring phytoplankton bloom in the Lower St. Lawrence Estuary: the flushing hypothesis revisited. <i>Marine Ecology - Progress Series</i> , 2000, 192, 31-48.	0.9	30
16	Exploiting coastal altimetry to improve the surface circulation scheme over the central Mediterranean Sea. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 4888-4909.	1.0	25
17	Modeling the timing of spring phytoplankton bloom and biological production of the Gulf of St. Lawrence (Canada): Effects of colored dissolved organic matter and temperature. <i>Continental Shelf Research</i> , 2010, 30, 2027-2042.	0.9	24
18	Observability of fine-scale ocean dynamics in the northwestern Mediterranean Sea. <i>Ocean Science</i> , 2017, 13, 13-29.	1.3	24

#	ARTICLE	IF	CITATIONS
19	A biophysical model of the interaction between vertical migration of crustacean zooplankton and circulation in the Lower St. Lawrence Estuary. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 2420-2432.	0.7	23
20	Modeling plankton ecosystem functioning and nitrogen fluxes in the oligotrophic waters of the Beaufort Sea, Arctic Ocean: a focus on light-driven processes. Biogeosciences, 2013, 10, 4785-4800.	1.3	23
21	Egg production and hatching success of <i>Temora longicornis</i> (Copepoda, Calanoida) in the southern Gulf of St. Lawrence. Marine Ecology - Progress Series, 2005, 285, 117-128.	0.9	20
22	A numerical study of primary production related to vertical turbulent diffusion with special reference to vertical motions of the phytoplankton cells in nutrient and light fields. Journal of Marine Systems, 1994, 5, 267-295.	0.9	19
23	Modélisation de la circulation dans l'estuaire et le golfe du Saint-Laurent en réponse aux variations du débit d'eau douce et des vents. Revue Des Sciences De L'Eau, 0, 22, 159-176.	0.2	19
24	Spatial and temporal variability of ice algal production in a 3D ice-ocean model of the Hudson Bay, Hudson Strait and Foxe Basin system. Polar Research, 2010, 29, 353-378.	1.6	18
25	How geographic distance and depth drive ecological variability and isolation of demersal fish communities in an archipelago system (Cape Verde, Eastern Atlantic Ocean). Marine Ecology, 2007, 28, 404-417.	0.4	15
26	Plankton ecosystem response to freshwater-associated bulk turbidity in the subarctic Gulf of St. Lawrence (Canada): A modelling study. Journal of Marine Systems, 2010, 81, 75-85.	0.9	13
27	Synergy between in situ and altimetry data to observe and study Northern Current variations (NW) Tj ETQq1 1 0.784314 rgBT ₁₂ /Overl	1.3	12
28	Interannual Variations of Surface Currents and Transports in the Sicily Channel Derived From Coastal Altimetry. Journal of Geophysical Research: Oceans, 2017, 122, 8330-8353.	1.0	9
29	Multistatic estimation of high-frequency radar surface currents in the region of Toulon. Ocean Dynamics, 2020, 70, 1485-1503.	0.9	7
30	Characterization of fronts in the Western Mediterranean with a special focus on the North Balearic Front. Progress in Oceanography, 2021, 197, 102636.	1.5	6
31	High-Frequency radar measurements with CODAR in the region of Nice: improved calibration and performance. Journal of Atmospheric and Oceanic Technology, 2021, , .	0.5	1