

Bruno A Zakardjian

List of Publications by Year in descending order

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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	Characterization of fronts in the Western Mediterranean with a special focus on the North Balearic Front. <i>Progress in Oceanography</i> , 2021, 197, 102636.	1.5	6
2	High-Frequency radar measurements with CODAR in the region of Nice: improved calibration and performance. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021, , .	0.5	1
3	Multistatic estimation of high-frequency radar surface currents in the region of Toulon. <i>Ocean Dynamics</i> , 2020, 70, 1485-1503.	0.9	7
4	Synergy between in situ and altimetry data to observe and study Northern Current variations (NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	12
5	Interannual Variations of Surface Currents and Transports in the Sicily Channel Derived From Coastal Altimetry. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8330-8353.	1.0	9
6	Observability of fine-scale ocean dynamics in the northwestern Mediterranean Sea. <i>Ocean Science</i> , 2017, 13, 13-29.	1.3	24
7	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
8	A case study of the mesoscale dynamics in the North-Western Mediterranean Sea: a combined dataâ€“model approach. <i>Ocean Dynamics</i> , 2013, 63, 793-808.	0.9	38
9	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
10	Modeling plankton ecosystem functioning and nitrogen fluxes in the oligotrophic waters of the Beaufort Sea, Arctic Ocean: a focus on light-driven processes. <i>Biogeosciences</i> , 2013, 10, 4785-4800.	1.3	23
11	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
12	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
13	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
14	Plankton ecosystem response to freshwater-associated bulk turbidity in the subarctic Gulf of St. Lawrence (Canada): A modelling study. <i>Journal of Marine Systems</i> , 2010, 81, 75-85.	0.9	13
15	Spatial and temporal variability of ice algal production in a 3D ice-ocean model of the Hudson Bay, Hudson Strait and Foxe Basin system. <i>Polar Research</i> , 2010, 29, 353-378.	1.6	18
16	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
17	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
18	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

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19	How geographic distance and depth drive ecological variability and isolation of demersal fish communities in an archipelago system (Cape Verde, Eastern Atlantic Ocean). <i>Marine Ecology</i> , 2007, 28, 404-417.	0.4	15
20	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
21	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
22	Egg production and hatching success of <i>Temora longicornis</i> (Copepoda, Calanoida) in the southern Gulf of St. Lawrence. <i>Marine Ecology - Progress Series</i> , 2005, 285, 117-128.	0.9	20
23	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
24	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
25	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
26	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
27	A biophysical model of the interaction between vertical migration of crustacean zooplankton and circulation in the Lower St. Lawrence Estuary. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 2420-2432.	0.7	23
28	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
29	Study of the air-sea interactions at the mesoscale: the SEMAPHORE experiment. <i>Annales Geophysicae</i> , 1996, 14, 986-1015.	0.6	61
30	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. <i>Journal of Marine Systems</i> , 1994, 5, 267-295.	0.9	19
31	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. <i>Revue Des Sciences De L'Eau</i> , 0, 22, 159-176.	0.2	19