

# Pascal P Lazure

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

3,287  
citations

156536

32  
h-index

175968

55  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using growth and geochemical composition of <i>Clathromorphum compactum</i> to track multiscale North Atlantic hydro-climate variability. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 562, 110097.	1.0	4
2	Sources, quality and transfers of organic matter in a highly-stratified sub-Arctic coastal system (Saint-Pierre-et-Miquelon, NW Atlantic). <i>Progress in Oceanography</i> , 2021, 190, 102483.	1.5	0
3	Coastal submesoscale processes and their effect on phytoplankton distribution in the southeastern Bay of Biscay. <i>Ocean Science</i> , 2021, 17, 849-870.	1.3	3
4	Large-scale changes of the semidiurnal tide along North Atlantic coasts from 1846 to 2018. <i>Ocean Science</i> , 2021, 17, 17-34.	1.3	8
5	Movements of three alcid species breeding sympatrically in Saint Pierre and Miquelon, northwestern Atlantic Ocean. <i>Journal of Ornithology</i> , 2020, 161, 359-371.	0.5	10
6	Does trace element composition of bivalve shells record ultra-high frequency environmental variations?. <i>Marine Environmental Research</i> , 2020, 158, 104943.	1.1	11
7	Wind-induced barotropic oscillations around the Saint Pierre and Miquelon archipelago (North-West) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	4
8	Assessment of Ba/Ca in <i>Arctica islandica</i> shells as a proxy for phytoplankton dynamics in the Northwestern Atlantic Ocean. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 237, 106628.	0.9	14
9	A comprehensive oceanographic dataset of a subpolar, mid-latitude broad fjord: Fortune Bay, Newfoundland, Canada. <i>Earth System Science Data</i> , 2020, 12, 1877-1896.	3.7	2
10	Growth Response of <i>Arctica Islandica</i> to North Atlantic Oceanographic Conditions Since 1850. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	17
11	Inventory and distribution of tritium in the oceans in 2016. <i>Science of the Total Environment</i> , 2019, 656, 1289-1303.	3.9	22
12	Large diurnal bottom temperature oscillations around the Saint Pierre and Miquelon archipelago. <i>Scientific Reports</i> , 2018, 8, 13882.	1.6	10
13	Ligament, hinge, and shell cross-sections of the Atlantic surfclam ( <i>Spisula solidissima</i> ): Promising marine environmental archives in NE North America. <i>PLoS ONE</i> , 2018, 13, e0199212.	1.1	5
14	Pockmarks on the South Aquitaine Margin continental slope: The seabed expression of past fluid circulation and former bottom currents. <i>Comptes Rendus - Geoscience</i> , 2017, 349, 391-401.	0.4	21
15	Application of Hilbert-Huang decomposition to temperature and currents data in the RÅ©union island. , 2016, , .		0
16	Modulation of sea surface temperature warming in the <sc>B</sc>ay of <sc>B</sc>iscay by <sc>L</sc>oire and <sc>G</sc>ironde <sc>R</sc>ivers. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 966-979.	1.0	18
17	Statistical properties and time-frequency analysis of temperature, salinity and turbidity measured by the MAREL Carnot station in the coastal waters of Boulogne-sur-Mer (France). <i>Journal of Marine Systems</i> , 2016, 162, 137-153.	0.9	7
18	A HMM-based model to geolocate pelagic fish from high-resolution individual temperature and depth histories: European sea bass as a case study. <i>Ecological Modelling</i> , 2016, 321, 10-22.	1.2	26

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19	A model of the general circulation in the Persian Gulf and in the Strait of Hormuz: Intraseasonal to interannual variability. <i>Continental Shelf Research</i> , 2015, 94, 55-70.	0.9	76
20	Advanced Spectral Analysis and Cross Correlation Based on the Empirical Mode Decomposition: Application to the Environmental Time Series. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1968-1972.	1.4	35
21	The role of hydrographic parameters, measured from a ship of opportunity, in bloom formation of <i>Karenia mikimotoi</i> in the English Channel. <i>Journal of Marine Systems</i> , 2014, 140, 39-49.	0.9	18
22	Vertical and horizontal controls of a haptophyte thin layer in the Bay of Biscay, France. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 101, 80-94.	0.6	9
23	Circulation around La Réunion and Mauritius islands in the south-western Indian Ocean: A modeling perspective. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1957-1976.	1.0	19
24	Benthic metabolism in shallow coastal ecosystems of the Banc d'Arguin, Mauritania. <i>Marine Ecology - Progress Series</i> , 2014, 501, 11-23.	0.9	19
25	Circulation on the shelf and the upper slope of the Bay of Biscay. <i>Continental Shelf Research</i> , 2013, 55, 97-107.	0.9	26
26	Surface layer circulation derived from Lagrangian drifters in the Bay of Biscay. <i>Journal of Marine Systems</i> , 2013, 109-110, S60-S76.	0.9	74
27	Freshwater from the Bay of Biscay shelves in 2009. <i>Journal of Marine Systems</i> , 2013, 109-110, S134-S143.	0.9	13
28	Distribution of <i>Dinophysis</i> species in the Bay of Biscay and possible transport pathways to Arcachon Bay. <i>Journal of Marine Systems</i> , 2013, 109-110, S273-S283.	0.9	21
29	Seasonal to tidal variability of currents and temperature in waters of the continental slope, southeastern Bay of Biscay. <i>Journal of Marine Systems</i> , 2013, 109-110, S121-S133.	0.9	22
30	A multi-decadal hindcast of a physical-biogeochemical model and derived oceanographic indices in the Bay of Biscay. <i>Journal of Marine Systems</i> , 2013, 109-110, S77-S94.	0.9	33
31	Daily scale wintertime sea surface temperature and IPC-Navidad variability in the southern Bay of Biscay from 1981 to 2010. <i>Ocean Science</i> , 2013, 9, 655-679.	1.3	8
32	A Process Study of the Wind-Induced Circulation in the Persian Gulf. <i>Open Journal of Marine Science</i> , 2013, 03, 1-11.	0.3	27
33	Remote Sensing of Sea Surface Salinity From CAROLS L-Band Radiometer in the Gulf of Biscay. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012, 50, 1703-1715.	2.7	17
34	Poleward coastal jets induced by westerlies in the Bay of Biscay. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	13
35	Coupled air-sea interaction patterns and surface heat flux feedback in the Bay of Biscay. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	5
36	Variation in Size and Growth of the Great Scallop <i>Pecten maximus</i> along a Latitudinal Gradient. <i>PLoS ONE</i> , 2012, 7, e37717.	1.1	59

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37	A Process Study of the Tidal Circulation in the Persian Gulf. <i>Open Journal of Marine Science</i> , 2012, 02, 131-140.	0.3	42
38	Impact hydrodynamique de la mise en place d'un parc hydroliennes en Baie du Mont Saint-Michel., 2012, .		2
39	Application of a 3D Lagrangian model to explain the decline of a <i>Dinophysis acuminata</i> bloom in the Bay of Biscay. <i>Journal of Marine Systems</i> , 2010, 83, 242-252.	0.9	38
40	How does the connectivity between populations mediate range limits of marine invertebrates? A case study of larval dispersal between the Bay of Biscay and the English Channel (North-East Atlantic). <i>Progress in Oceanography</i> , 2010, 87, 18-36.	1.5	73
41	Temperature Measurements from Surface Drifters. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 1403-1409.	0.5	13
42	Development of a hydrodynamic model of the Bay of Biscay. Validation of hydrology. <i>Continental Shelf Research</i> , 2009, 29, 985-997.	0.9	89
43	An external-internal mode coupling for a 3D hydrodynamical model for applications at regional scale (MARS). <i>Advances in Water Resources</i> , 2008, 31, 233-250.	1.7	362
44	Circulation on the Armorican shelf (Bay of Biscay) in autumn. <i>Journal of Marine Systems</i> , 2008, 72, 218-237.	0.9	20
45	Motility and autotoxicity in <i>Karenia mikimotoi</i> (Dinophyceae). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1937-1946.	1.8	90
46	Issues About Retrieving Sea Surface Salinity in Coastal Areas From SMOS Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 2061-2072.	2.7	35
47	Modelling potential spawning habitat of sardine ( <i>Sardina pilchardus</i> ) and anchovy ( <i>Engraulis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 307	0.9	141
48	The influence of environment and spawning distribution on the survival of anchovy ( <i>Engraulis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Fisheries Oceanography, 2007, 16, 506-514.	0.9	42
49	Biophysical modelling of larval drift, growth and survival for the prediction of anchovy ( <i>Engraulis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 307	0.9	56
50	Small scale retentive structures and <i>Dinophysis</i> . <i>Journal of Marine Systems</i> , 2007, 64, 173-188.	0.9	21
51	Tidal frequency dynamics of a Southern Brazil coastal lagoon: Choking and short period forced oscillations. <i>Estuaries and Coasts</i> , 2007, 30, 311-320.	1.0	21
52	Low salinity intrusions in the western English Channel. <i>Continental Shelf Research</i> , 2006, 26, 1241-1257.	0.9	48
53	One-dimensional biophysical modelling of fish egg vertical distributions in shelf seas. <i>Fisheries Oceanography</i> , 2006, 15, 413-428.	0.9	26
54	Modelling water discharges and nitrogen inputs into a Mediterranean lagoon. <i>Ecological Modelling</i> , 2006, 193, 69-89.	1.2	66

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55	Mesoscale hydrological variability induced by northwesterly wind on the French continental shelf of the Bay of Biscay. <i>Scientia Marina</i> , 2006, 70, 15-26.	0.3	34
56	Typology of hydrological structures modelled and observed over the Bay of Biscay shelf. <i>Scientia Marina</i> , 2006, 70, 43-50.	0.3	24
57	Analysis of salinity measurements near islands on the French continental shelf of the Bay of Biscay. <i>Scientia Marina</i> , 2006, 70, 7-14.	0.3	14
58	Coupling physical and biogeochemical processes in the Río de la Plata plume. <i>Continental Shelf Research</i> , 2005, 25, 629-653.	0.9	66
59	Hydrology and circulation in the Strait of Hormuz and the Gulf of Oman—Results from the GOGP99 Experiment: 1. Strait of Hormuz. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	40
60	Hydrology and circulation in the Strait of Hormuz and the Gulf of Oman—Results from the GOGP99 Experiment: 2. Gulf of Oman. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	48
61	Hydrographical variability on the French continental shelf in the Bay of Biscay, during the 1990s. <i>Continental Shelf Research</i> , 2004, 24, 1143-1163.	0.9	120
62	Detecting hydrological landscapes over the Bay of Biscay continental shelf in spring. <i>Climate Research</i> , 2004, 28, 41-52.	0.4	36
63	The selection process from larval to juvenile stages of anchovy ( <i>Engraulis encrasicolus</i> ) in the Bay of Biscay investigated by Lagrangian simulations and comparative otolith growth. <i>Fisheries Oceanography</i> , 2003, 12, 407-418.	0.9	71
64	Modelling of oxygen and nitrogen cycling as a function of macrophyte community in the Thau lagoon. <i>Continental Shelf Research</i> , 2003, 23, 1877-1898.	0.9	40
65	Quantitative description of habitat suitability for the juvenile common sole ( <i>Solea solea</i> , L.) in the Bay of Biscay (France) and the contribution of different habitats to the adult population. <i>Journal of Sea Research</i> , 2003, 50, 139-149.	0.6	140
66	Communication de l'information géographique maritime et cartographique pour la gestion d'une crise environnementale. Le naufrage du chimiquier levoli Sun en centre Manche. <i>Revue Internationale De Géomatique</i> , 2002, 12, 355-371.	0.2	0
67	The influence of mesoscale ocean processes on anchovy ( <i>Engraulis encrasicolus</i> ) recruitment in the Bay of Biscay estimated with a three-dimensional hydrodynamic mode. <i>Fisheries Oceanography</i> , 2001, 10, 151-163.	0.9	57
68	The Influence of Local and Non-Local Forcing Effects on the Subtidal Circulation of Patos Lagoon. <i>Estuaries and Coasts</i> , 2001, 24, 297.	1.7	202
69	Modelling and numerical simulations of larval migration of the sole ( <i>Solea solea</i> (L.)) of the Bay of Biscay. Part 1: modelling. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2001, 24, 101-112.	0.7	10
70	Modelling and numerical simulations of larval migration of the sole ( <i>Solea solea</i> (L.)) of the Bay of Biscay. Part 2: numerical simulations. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2001, 24, 113-124.	0.7	32
71	Modelling of <i>Gymnodinium mikimotoi</i> blooms along the French Atlantic coast: geographical and vertical distributions. <i>Hydroecologie Appliquee</i> , 2001, 13, 57-76.	1.3	4
72	Initiation of winter phytoplankton blooms within the Gironde plume waters in the Bay of Biscay. <i>Marine Ecology - Progress Series</i> , 2001, 212, 117-130.	0.9	51

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73	Influence of the Gironde estuary outputs on cadmium concentrations in the waters: consequences on the Marennes-Oléron bay (France). <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2000, 23, 745-757.	0.7	59
74	Relationship between hydrology and seasonal distribution of suspended sediments on the continental shelf of the Bay of Biscay. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1999, 46, 1979-2001.	0.6	65
75	3D modelling of seasonal evolution of Loire and Gironde plumes on Biscay Bay continental shelf. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 1998, 21, 165-177.	0.7	151
76	A coastal ocean model intercomparison study for a three-dimensional idealised test case. <i>Applied Mathematical Modelling</i> , 1998, 22, 165-182.	2.2	15
77	Subtidal circulation in Fort-De-France Bay. <i>Coastal and Estuarine Studies</i> , 1996, , 71-82.	0.4	1
78	Modelling eutrophication events in a coastal ecosystem. Sensitivity analysis. <i>Estuarine, Coastal and Shelf Science</i> , 1994, 39, 529-548.	0.9	69