Vincent Le Fouest

List of Publications by Year
in descending order

21	522	623734 14	794594 19
papers	citations	h-index	g-index

27	27	27	908
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Merging Satellite and in situ Data to Assess the Flux of Terrestrial Dissolved Organic Carbon From the Mackenzie River to the Coastal Beaufort Sea. Frontiers in Earth Science, 2022, 10, .	1.8	4
2	Potential Impact of Photoinhibition on Microphytobenthic Primary Production on a Large Intertidal Mudflat. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006443.	3.0	0
3	Mapping the Intertidal Microphytobenthos Gross Primary Production, Part II: Merging Remote Sensing and Physical-Biological Coupled Modeling. Frontiers in Marine Science, 2020, 7, .	2.5	4
4	Mapping the Intertidal Microphytobenthos Gross Primary Production Part I: Coupling Multispectral Remote Sensing and Physical Modeling. Frontiers in Marine Science, 2020, 7, .	2.5	20
5	Impact of Chronic and Massive Resuspension Mechanisms on the Microphytobenthos Dynamics in a Temperate Intertidal Mudflat. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 3752-3777.	3.0	17
6	On biotic and abiotic drivers of the microphytobenthos seasonal cycle in a temperate intertidal mudflat: a modelling study. Biogeosciences, 2018, 15, 7243-7271.	3.3	32
7	Towards an assessment of riverine dissolved organic carbon in surface waters of the western Arctic Ocean based on remote sensing and biogeochemical modeling. Biogeosciences, 2018, 15, 1335-1346.	3.3	17
8	Net primary productivity estimates and environmental variables in the Arctic Ocean: An assessment of coupled physical-biogeochemical models. Journal of Geophysical Research: Oceans, 2016, 121, 8635-8669.	2.6	34
9	Estimation of primary production in the Arctic Ocean using ocean colour remote sensing and coupled physicalâ€“biological models: Strengths, limitations and how they compare. Progress in Oceanography, 2015, 139, 197-220.	3.2	60
10	Analysis of riverine suspended particulate matter fluxes (<scp>G</scp>ulf of <scp>L</scp>ion,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 hydrodynamic sediment transport model. Journal of Geophysical Research: Oceans, 2015, 120, 942-957.	2.6	8
11	Modelling the impact of riverine DON removal by marine bacterioplankton on primary production in the Arctic Ocean. Biogeosciences, 2015, 12, 3385-3402.	3.3	14
12	The fate of riverine nutrients on Arctic shelves. Biogeosciences, 2013, 10, 3661-3677.	3.3	86
13	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.	3.3	23
14	Corrigendum to "Photoproduction of ammonium in the southeastern Beaufort Sea and its biogeochemical implications" published in Biogeosciences, 9, 3047â€“3061, 2012. Biogeosciences, 2012, 9, 3475-3475.	3.3	0
15	Photoproduction of ammonium in the southeastern Beaufort Sea and its biogeochemical implications. Biogeosciences, 2012, 9, 3047-3061.	3.3	55
16	On the role of tides and strong wind events in promoting summer primary production in the Barents Sea. Continental Shelf Research, 2011, 31, 1869-1879.	1.8	24
17	The effect of tides on dense water formation in Arctic shelf seas. Ocean Science, 2011, 7, 203-217.	3.4	15
18	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.	2.1	13

#	Article	IF	Citations
19	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. Continental Shelf Research, 2010, 30, 2027-2042.	1.8	24
20	Application of SeaWIFS- and AVHRR-derived data for mesoscale and regional validation of a 3-D high-resolution physicalâ€“biological model of the Gulf of St. Lawrence (Canada). Journal of Marine Systems, 2006, 60, 30-50.	2.1	36
21	Seasonal versus synoptic variability in planktonic production in a high-latitude marginal sea: The Gulf of St. Lawrence (Canada). Journal of Geophysical Research, 2005, 110, .	3.3	36