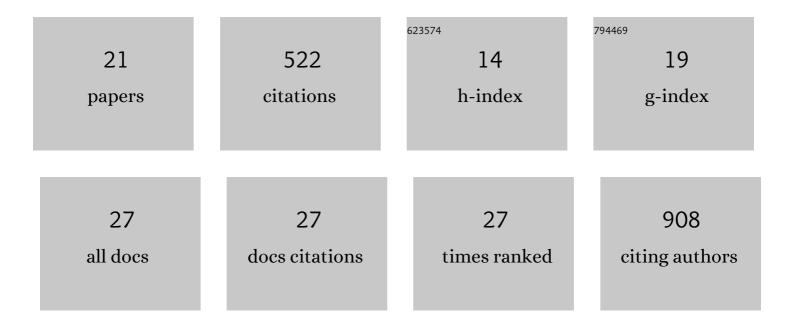
## Vincent Le Fouest

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9238369/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The fate of riverine nutrients on Arctic shelves. Biogeosciences, 2013, 10, 3661-3677.	1.3	86
2	Estimation of primary production in the Arctic Ocean using ocean colour remote sensing and coupled physical–biological models: Strengths, limitations and how they compare. Progress in Oceanography, 2015, 139, 197-220.	1.5	60
3	Photoproduction of ammonium in the southeastern Beaufort Sea and its biogeochemical implications. Biogeosciences, 2012, 9, 3047-3061.	1.3	55
4	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
5	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). Journal of Marine Systems, 2006, 60, 30-50.	0.9	36
6	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.	1.0	34
7	On biotic and abiotic drivers of the microphytobenthos seasonal cycle in a temperate intertidal mudflat: a modelling study. Biogeosciences, 2018, 15, 7243-7271.	1.3	32
8	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.	0.9	24
9	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.	0.9	24
10	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
11	Mapping the Intertidal Microphytobenthos Gross Primary Production Part I: Coupling Multispectral Remote Sensing and Physical Modeling. Frontiers in Marine Science, 2020, 7, .	1.2	20
12	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.	1.3	17
13	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.	1.3	17
14	The effect of tides on dense water formation in Arctic shelf seas. Ocean Science, 2011, 7, 203-217.	1.3	15
15	Modelling the impact of riverine DON removal by marine bacterioplankton on primary production in the Arctic Ocean. Biogeosciences, 2015, 12, 3385-3402.	1.3	14
16	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
17	Analysis of riverine suspended particulate matter fluxes ( <scp>G</scp> ulf of <scp>L</scp> ion,) Tj ETQq1 1 0.7 hydrodynamic sediment transport model. Journal of Geophysical Research: Oceans, 2015, 120, 942-957.	84314 rgBT 1.0	Voverlock 10
18	Mapping the Intertidal Microphytobenthos Gross Primary Production, Part II: Merging Remote Sensing and Physical-Biological Coupled Modeling. Frontiers in Marine Science, 2020, 7, .	1.2	4

#	Article	IF	CITATIONS
19	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, .	0.8	4
20	Corrigendum to "Photoproduction of ammonium in the southeastern Beaufort Sea and its biogeochemical implications" published in Biogeosciences, 9, 3047–3061, 2012. Biogeosciences, 2012, 9, 3475-3475.	1.3	0
21	Potential Impact of Photoinhibition on Microphytobenthic Primary Production on a Large Intertidal Mudflat. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006443.	1.3	Ο