

Vincent Le Fouest

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

522
citations

623574

14
h-index

794469

19
g-index

27
all docs

27
docs citations

27
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	The fate of riverine nutrients on Arctic shelves. <i>Biogeosciences</i> , 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. <i>Progress in Oceanography</i> , 2015, 139, 197-220.	1.5	60
3	Photoproduction of ammonium in the southeastern Beaufort Sea and its biogeochemical implications. <i>Biogeosciences</i> , 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). <i>Journal of Geophysical Research</i> , 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). <i>Journal of Marine Systems</i> , 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. <i>Journal of Geophysical Research: Oceans</i> , 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. <i>Biogeosciences</i> , 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. <i>Continental Shelf Research</i> , 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. <i>Continental Shelf Research</i> , 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. <i>Biogeosciences</i> , 2013, 10, 4785-4800.	1.3	23
11	Mapping the Intertidal Microphytobenthos Gross Primary Production Part I: Coupling Multispectral Remote Sensing and Physical Modeling. <i>Frontiers in Marine Science</i> , 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. <i>Biogeosciences</i> , 2018, 15, 1335-1346.	1.3	17
13	Impact of Chronic and Massive Resuspension Mechanisms on the Microphytobenthos Dynamics in a Temperate Intertidal Mudflat. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3752-3777.	1.3	17
14	The effect of tides on dense water formation in Arctic shelf seas. <i>Ocean Science</i> , 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. <i>Biogeosciences</i> , 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. <i>Journal of Marine Systems</i> , 2010, 81, 75-85.	0.9	13
17	Analysis of riverine suspended particulate matter fluxes (<sc>G</sc>ulf of <sc>L</sc>ion,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 hydrodynamic sediment transport model. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 942-957.	1.0	8
18	Mapping the Intertidal Microphytobenthos Gross Primary Production, Part II: Merging Remote Sensing and Physical-Biological Coupled Modeling. <i>Frontiers in Marine Science</i> , 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. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	4
20	Corrigendum to "Photoproduction of ammonium in the southeastern Beaufort Sea and its biogeochemical implications" published in <i>Biogeosciences</i> , 9, 3047-3061, 2012. <i>Biogeosciences</i> , 2012, 9, 3475-3475.	1.3	0
21	Potential Impact of Photoinhibition on Microphytobenthic Primary Production on a Large Intertidal Mudflat. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006443.	1.3	0