

Alexandre Normandeau

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,223
citations

471509

17
h-index

395702

33
g-index

70
all docs

70
docs citations

70
times ranked

1559
citing authors

#	ARTICLE	IF	CITATIONS
1	Global spread of hypoxia in freshwater ecosystems during the last three centuries is caused by rising local human pressure. <i>Global Change Biology</i> , 2016, 22, 1481-1489.	9.5	248
2	Human and climate global-scale imprint on sediment transfer during the Holocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22972-22976.	7.1	91
3	Urban point sources of nutrients were the leading cause for the historical spread of hypoxia across European lakes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12655-12660.	7.1	89
4	Upslope-Migrating Bedforms In A Proglacial Sandur Delta: Cyclic Steps From River-Derived Underflows?. <i>Journal of Sedimentary Research</i> , 2016, 86, 113-123.	1.6	65
5	Channel-levee evolution in combined contour current-turbidity current flows from flume-tank experiments. <i>Geology</i> , 2020, 48, 353-357.	4.4	64
6	Morphological expression of bedforms formed by supercritical sediment density flows on four fjord-lake deltas of the south-eastern Canadian Shield (Eastern Canada). <i>Sedimentology</i> , 2016, 63, 2106-2129.	3.1	52
7	A consistent global approach for the morphometric characterization of subaqueous landslides. <i>Geological Society Special Publication</i> , 2019, 477, 455-477.	1.3	51
8	Climate and permafrost effects on the chemistry and ecosystems of High Arctic Lakes. <i>Scientific Reports</i> , 2017, 7, 13292.	3.3	49
9	Morphodynamics in sediment-starved inner-shelf submarine canyons (Lower St. Lawrence Estuary,) <i>Tj ETQq1 1 0.784314 rgBT / Overlo</i>	2.1	43
10	Submarine canyons and channels in the Lower St. Lawrence Estuary (Eastern Canada): Morphology, classification and recent sediment dynamics. <i>Geomorphology</i> , 2015, 241, 1-18.	2.6	40
11	The influence of turbidity currents and contour currents on the distribution of deep-water sediment waves offshore eastern Canada. <i>Sedimentology</i> , 2019, 66, 1746-1767.	3.1	35
12	Storm-induced turbidity currents on a sediment-starved shelf: Insight from direct monitoring and repeat seabed mapping of upslope migrating bedforms. <i>Sedimentology</i> , 2020, 67, 1045-1068.	3.1	29
13	Large-scale seismically-induced mass-movements in a former glacial lake basin: Lake Tâ©miscouata, northeastern Appalachians (eastern Canada). <i>Marine Geology</i> , 2017, 384, 120-130.	2.1	28
14	Late-Quaternary morphostratigraphy of Lake St-Joseph (southeastern Canadian Shield): Evolution from a semi-enclosed glacial marine basin to a postglacial lake. <i>Sedimentary Geology</i> , 2013, 295, 38-52.	2.1	27
15	Retreat Pattern of Glaciers Controls the Occurrence of Turbidity Currents on High-Latitude Fjord Deltas (Eastern Baffin Island). <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 1559-1571.	2.8	24
16	Reconstructing ice-margin retreat using delta morphostratigraphy. <i>Scientific Reports</i> , 2017, 7, 16936.	3.3	20
17	Controls on the formation of turbidity current channels associated with marine-terminating glaciers and ice sheets. <i>Marine Geology</i> , 2019, 415, 105951.	2.1	20
18	Shallow-water longshore drift-fed submarine fan deposition (Moisie River Delta, Eastern Canada). <i>Geo-Marine Letters</i> , 2013, 33, 391-403.	1.1	18

#	ARTICLE	IF	CITATIONS
19	Deglacial sequences and glacio-isostatic adjustment: Quaternary compared with Ordovician glaciations. Geological Society Special Publication, 2019, 475, 149-179.	1.3	17
20	Exploring records of typhoon variability in eastern China over the past 2000 years. Bulletin of the Geological Society of America, 2020, 132, 2243-2252.	3.3	17
21	Late-Quaternary glacial to postglacial sedimentation in three adjacent fjord-lakes of the QuÃ©bec North Shore (eastern Canadian Shield). Quaternary Science Reviews, 2018, 186, 91-110.	3.0	16
22	Submarine landslides triggered by iceberg collision with the seafloor. Nature Geoscience, 2021, 14, 599-605.	12.9	16
23	Sedimentation in isolated glaciomarine embayments during glacio-isostatically induced relative sea level fall (northern Champlain Sea basin). Canadian Journal of Earth Sciences, 2017, 54, 1049-1062.	1.3	15
24	Are submarine landslides an underestimated hazard on the western North Atlantic passive margin?. Geology, 2019, 47, 848-852.	4.4	14
25	Tidal modulation of river-flood deposits: How low can you go?. Geology, 2020, 48, 663-667.	4.4	14
26	The depositional signature of cyclic steps: A late Quaternary analogue compared to modern active delta slopes. Sedimentology, 2021, 68, 1502-1538.	3.1	14
27	Latitudinal Response of Storm Activity to Abrupt Climate Change During the Last 6,500 Years. Geophysical Research Letters, 2020, 47, e2020GL089859.	4.0	13
28	Deglacial and postglacial paleoseismological archives in mass movement deposits of lakes of south-central QuÃ©bec. Canadian Journal of Earth Sciences, 2019, 56, 60-76.	1.3	11
29	New evidence for a major late Quaternary submarine landslide on the external western levee of Laurentian Fan. Geological Society Special Publication, 2019, 477, 377-387.	1.3	8
30	Sediment dynamics in paired High Arctic lakes revealed from high-resolution swath bathymetry and acoustic stratigraphy surveys. Journal of Geophysical Research: Earth Surface, 2016, 121, 1676-1696.	2.8	7
31	Detailed Seafloor Imagery of Turbidity Current Bedforms Reveals New Insight Into Fine-scale Near-bed Processes. Geophysical Research Letters, 2022, 49, .	4.0	7
32	Recurrence of turbidity currents on glaciated continental margins: A conceptual model from eastern Canada. Journal of Sedimentary Research, 2020, 90, 1305-1321.	1.6	6
33	The morphosedimentary record of glacial to postglacial environmental changes in fjord-lake MÃ©kinac and adjacent areas (southeastern Canadian Shield). Geomorphology, 2021, 376, 107565.	2.6	6
34	Northwestern Pacific tropical cyclone activity enhanced by increased Asian dust emissions during the Little Ice Age. Nature Communications, 2022, 13, 1712.	12.8	6
35	Deglacial and postglacial evolution of the Pingualuit Crater Lake basin, northern QuÃ©bec (Canada). Geomorphology, 2015, 248, 327-343.	2.6	5
36	A late Holocene shift of typhoon activity recorded by coastal sedimentary archives in eastern China. Sedimentology, 2022, 69, 954-969.	3.1	5

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37	Towards a national-scale assessment of the subaqueous mass movement hazard in Canada. Geological Society Special Publication, 2020, 500, 97-113.	1.3	4
38	Late-Holocene Mass Movements in High Arctic East Lake, Melville Island (Western Canadian Arctic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	4
39	Timing and controls on the delivery of coarse sediment to deltas and submarine fans on a formerly glaciated coast and shelf. Bulletin of the Geological Society of America, 0, , .	3.3	3
40	Recent sedimentation in three adjacent fjord-lakes on the QuÃ©bec North Shore (eastern Canada): facies analysis, laminae preservation, and potential for varve formation. Canadian Journal of Earth Sciences, 2018, 55, 138-153.	1.3	2
41	Supercriticalâ€flow processes and depositional products: Introduction to thematic issue. Sedimentology, 2021, 68, 1289-1296.	3.1	2
42	Geomorphic features and benthos in a deep glacial trough in Atlantic Canada. , 2020, , 691-704.		1
43	Deltaic Complexes of the QuÃ©bec North Shore. World Geomorphological Landscapes, 2020, , 245-258.	0.3	1
44	Hyperpycnal flows control the persistence and flushing of hypoxic high conductivity bottom water in a High Arctic lake. Arctic Science, 2017, , .	2.3	0
45	The Seafloor of Southeastern Canada. World Geomorphological Landscapes, 2020, , 453-471.	0.3	0