

Guillaume St-Onge

List of Publications by Year in descending order

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101
papers

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126901
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all docs

103
docs citations

103
times ranked

2811
citing authors

#	ARTICLE	IF	CITATIONS
1	Diatom sedimentary assemblages and Holocene pH reconstruction from the Canadian Arctic Archipelago's largest lake. <i>Ecoscience</i> , 2021, 28, 347-360.	1.4	9
2	Sedimentary Processes Within the Canadian Arctic Archipelago: Relationships Among Sedimentological, Geochemical, and Magnetic Sediment Properties. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009719.	2.5	1
3	Defining the maximum extent of the Laurentide Ice Sheet in Home Bay (eastern Arctic Canada) during the Last Glacial episode. <i>Boreas</i> , 2020, 49, 52-70.	2.4	13
4	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
5	Annually resolved Atlantic sea surface temperature variability over the past 2,900 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27171-27178.	7.1	38
6	Pollen dispersal patterns in marine surface sediments from the San Jorge Gulf, SE Patagonia (Argentina). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 556, 109869.	2.3	2
7	Quantifying Provenance and Transport Pathways of Holocene Sediments From the Northwestern Greenland Margin. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003809.	2.9	8
8	Landforms and Landscapes of the Magdalen Islands: The Role of Geology and Climate. <i>World Geomorphological Landscapes</i> , 2020, , 431-451.	0.3	0
9	Evolution of sea-surface conditions on the northwestern Greenland margin during the Holocene. <i>Journal of Quaternary Science</i> , 2019, 34, 569-580.	2.1	19
10	Chronology and sedimentology of a new 2.9 ka annually laminated record from South Sawtooth Lake, Ellesmere Island in this NOAA depository: https://www.ncdc.noaa.gov/paleo/study/33214 . <i>Quaternary Science Reviews</i> , 2019, 222, 105875.	3.0	6
11	Compositional changes in deglacial red mud event beds off the Laurentian Channel reveal source mixing, grain-size partitioning and ice retreat. <i>Quaternary Science Reviews</i> , 2019, 215, 98-115.	3.0	3
12	Holocene Changes in Deep Water Circulation Inferred From Authigenic Nd and Hf Isotopes in Sediment Records From the Chukchi-Alaskan and Canadian Beaufort Margins. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1038-1056.	2.9	10
13	REE distribution and Nd isotope composition of estuarine waters and bulk sediment leachates tracing lithogenic inputs in eastern Canada. <i>Marine Chemistry</i> , 2019, 211, 117-130.	2.3	25
14	Holocene chronostratigraphy of northeastern Baffin Bay based on radiocarbon and palaeomagnetic data. <i>Boreas</i> , 2019, 48, 147-165.	2.4	12
15	Late-Quaternary glacial to postglacial sedimentation in three adjacent fjord-lakes of the QuÃ©bec North Shore (eastern Canadian Shield). <i>Quaternary Science Reviews</i> , 2018, 186, 91-110.	3.0	16
16	Sedimentary and rock magnetic signatures and event scenarios of deglacial outburst floods from the Laurentian Channel Ice Stream. <i>Quaternary Science Reviews</i> , 2018, 186, 27-46.	3.0	12
17	Baffin Bay paleoenvironments in the LGM and HS1: Resolving the ice-shelf question. <i>Marine Geology</i> , 2018, 402, 5-16.	2.1	34
18	Chronostratigraphy and spatial distribution of magnetic sediments in the Chukchi and Beaufort seas since the last deglaciation. <i>Boreas</i> , 2018, 47, 544-564.	2.4	16

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19	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
20	Deglacial to postglacial history of Nares Strait, Northwest Greenland: a marine perspective from Kane Basin. Climate of the Past, 2018, 14, 1991-2010.	3.4	25
21	Multivariate modeling of glacial-marine lithostratigraphy combining scanning XRF, multisensory core properties, and CT imagery: IODP Site U1419. , 2018, 14, 1935-1960.		11
22	Are Paleomagnetic Records From UÃ© Channels Appropriate for Studies of Reversals and Excursions?. Geochemistry, Geophysics, Geosystems, 2018, 19, 4130-4142.	2.5	14
23	Sediment Provenance Changes in the Western Arctic Ocean in Response to Ice Rafting, Sea Level, and Oceanic Circulation Variations Since the Last Deglaciation. Geochemistry, Geophysics, Geosystems, 2018, 19, 2147-2165.	2.5	19
24	Distribution of Modern Dinoflagellate Cyst Assemblages in Surface Sediments of San Jorge Gulf (Patagonia, Argentina). Oceanography, 2018, 31, 122-131.	1.0	5
25	Large-scale seismically-induced mass-movements in a former glacial lake basin: Lake TÃ©miscouata, northeastern Appalachians (eastern Canada). Marine Geology, 2017, 384, 120-130.	2.1	28
26	Mineralogical, geochemical, and magnetic signatures of surface sediments from the <scp>C</scp>anadian <scp>B</scp>eaufort <scp>S</scp>helf and <scp>A</scp>mundsen <scp>G</scp>ulf (<scp>C</scp>anadian <scp>A</scp>rctic). Geochemistry, Geophysics, Geosystems, 2017, 18, 488-512.	2.5	29
27	Influence of the Laurentide Ice Sheet and relative sea-level changes on sediment dynamics in the Estuary and Gulf of St. Lawrence since the lastÃ© deglaciation. Boreas, 2017, 46, 541-561.	2.4	9
28	Contrasting fates of organic matter in locations having different organic matter inputs and bottom water O 2 concentrations. Estuarine, Coastal and Shelf Science, 2017, 198, 63-72.	2.1	6
29	Relative sea-level changes and glacio-isostatic adjustment on theÃ© Magdalen Islands archipelago (Atlantic Canada) from MIS 5 to theÃ© late Holocene. Quaternary Science Reviews, 2017, 171, 216-233.	3.0	10
30	Sediment records of the influence of river damming on the dynamics of the Nelson and Churchill Rivers, western Hudson Bay, Canada, during the last centuries. Holocene, 2017, 27, 712-725.	1.7	11
31	Authigenic 10Be/9Be ratios and 10Be-fluxes (230Thxs-normalized) in central Baffin Bay sediments during the last glacial cycle: Paleoenviromental implications. Quaternary Science Reviews, 2016, 140, 142-162.	3.0	59
32	Chronology and stratigraphy of the Magdalen Islands archipelago from the last glaciation to the early Holocene: new insights into the glacial and sea-level history of eastern Canada. Boreas, 2016, 45, 604-628.	2.4	18
33	High-resolution paleomagnetic and sedimentological investigations on the Tibetan Plateau for the past 16 ka cal B.P.Ã© The Tangra Yumco record. Geochemistry, Geophysics, Geosystems, 2016, 17, 774-790.	2.5	22
34	Palaeoenvironmental history of the last six centuries in the Nettilling Lake area (Baffin Island,) Tj ETQq0 0 0 rgBT /Ovcrlock 10 Tf 50 142	1.7	8
35	Unravelling the past 1,000Ã© years of history of humanÃ© climateÃ© landscape interactions at the Lindu plain, Sulawesi, Indonesia. Vegetation History and Archaeobotany, 2016, 25, 1-17.	2.1	6
36	Earthquake Induced Landslides in Lake Ã©ternitÃ©, QuÃ©bec, Canada. Advances in Natural and Technological Hazards Research, 2016, , 361-370.	1.1	3

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37	Deglacial and postglacial evolution of the Pingualuit Crater Lake basin, northern Québec (Canada). <i>Geomorphology</i> , 2015, 248, 327-343.	2.6	5
38	Chronology and palaeoenvironmental implications of the ice-wedge pseudomorphs and composite ice-wedge casts on the Magdalen Islands (eastern Canada). <i>Boreas</i> , 2015, 44, 658-675.	2.4	13
39	Independently dated paleomagnetic secular variation records from the Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2015, 416, 98-108.	4.4	30
40	Climate change and recent sedimentation in Nastapoka Sound, eastern coast of Hudson Bay. <i>Canadian Journal of Earth Sciences</i> , 2015, 52, 322-337.	1.3	4
41	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
42	Mid-Pleistocene climate transition drives net mass loss from rapidly uplifting St. Elias Mountains, Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15042-15047.	7.1	74
43	Rock-magnetic proxies of wind intensity and dust since 51,200 cal BP from lacustrine sediments of Laguna Potrok Aike, southeastern Patagonia. <i>Earth and Planetary Science Letters</i> , 2015, 411, 72-86.	4.4	18
44	Microfacies and microstructures of subglacial and deglacial sediments from the Pingualuit Crater Lake (Ungava Peninsula, Canada). <i>Canadian Journal of Earth Sciences</i> , 2014, 51, 1084-1096.	1.3	7
45	Stratigraphy and infill history of the glacially eroded Matane River Valley, eastern Quebec, Canada. <i>Canadian Journal of Earth Sciences</i> , 2014, 51, 105-124.	1.3	9
46	North-eastern Laurentide, western Greenland and southern Innuitian ice stream dynamics during the last glacial cycle. <i>Journal of Quaternary Science</i> , 2014, 29, 14-26.	2.1	57
47	Environmental changes in Baffin Bay during the Holocene based on the physical and magnetic properties of sediment cores. <i>Journal of Quaternary Science</i> , 2014, 29, 41-56.	2.1	12
48	Morphodynamics in sediment-starved inner-shelf submarine canyons (Lower St. Lawrence Estuary). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	2.1	43
49	Destructive and non-destructive density determination: method comparison and evaluation from the Laguna Potrok Aike sedimentary record. <i>Quaternary Science Reviews</i> , 2013, 71, 147-153.	3.0	54
50	Late-Holocene NAO and oceanic forcing on high-altitude proglacial sedimentation (Lake Bramant). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.7	14
51	The Corossol structure: A possible impact crater on the seafloor of the northwestern Gulf of St. Lawrence, Eastern Canada. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2542-2558.	1.6	8
52	Late Quaternary glacial history and meltwater discharges along the Northeastern Newfoundland Shelf. <i>Canadian Journal of Earth Sciences</i> , 2013, 50, 1178-1194.	1.3	34
53	Pro- and postglacial invertebrate communities of Pingualuit Crater Lake, Nunavik (Canada), and their palaeoenvironmental implications. <i>Freshwater Science</i> , 2013, 32, 951-963.	1.8	7
54	High-resolution multiproxy records of sedimentological changes induced by dams in the Sept-Îles area (Gulf of St. Lawrence, Canada). <i>Marine Geology</i> , 2013, 338, 17-29.	2.1	10

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55	Quaternary history of sea ice in the western Arctic Ocean based on foraminifera. <i>Quaternary Science Reviews</i> , 2013, 79, 145-156.	3.0	75
56	High-resolution paleomagnetic secular variations and relative paleointensity since the Late Pleistocene in southern South America. <i>Quaternary Science Reviews</i> , 2013, 71, 91-108.	3.0	41
57	Lithology, radiocarbon chronology and sedimentological interpretation of the lacustrine record from Laguna Potrok Aike, southern Patagonia. <i>Quaternary Science Reviews</i> , 2013, 71, 54-69.	3.0	60
58	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
59	Evaluating Late Holocene radiocarbon-based chronologies by matching palaeomagnetic secular variations to geomagnetic field models: an example from Lake Kalimpa (Sulawesi, Indonesia). <i>Geological Society Special Publication</i> , 2013, 373, 245-259.	1.3	9
60	The Late Quaternary Flow through the Bering Strait Has Been Forced by the Southern Ocean Winds. <i>Journal of Physical Oceanography</i> , 2012, 42, 2014-2029.	1.7	11
61	New insights into paleoenvironmental changes in Laguna Potrok Aike, southern Patagonia, since the Late Pleistocene: The PASADO multiproxy record. <i>Holocene</i> , 2012, 22, 1323-1335.	1.7	39
62	High-resolution paleomagnetic records from Laguna Potrok Aike (Patagonia, Argentina) for the last 16,000 years. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	18
63	Late Quaternary chronostratigraphic framework of deep Baffin Bay glaciomarine sediments from high-resolution paleomagnetic data. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	35
64	Comparison of earthquake-triggered turbidites from the Saguenay (Eastern Canada) and Reloncavi (Chilean margin) Fjords: Implications for paleoseismicity and sedimentology. <i>Sedimentary Geology</i> , 2012, 243-244, 89-107.	2.1	72
65	New insights into Late Pleistocene glacial and postglacial history of northernmost Ungava (Canada) from Pingualuit Crater Lake sediments. <i>Quaternary Science Reviews</i> , 2011, 30, 3892-3907.	3.0	22
66	Paleomagnetism Near the North Magnetic Pole: A Unique Vantage Point for Understanding the Dynamics of the Geomagnetic Field and Its Secular Variations. <i>Oceanography</i> , 2011, 24, 42-50.	1.0	18
67	Oceanography and Quaternary geology of the St. Lawrence Estuary and the Saguenay Fjord. <i>IOP Conference Series: Earth and Environmental Science</i> , 2011, 14, 012004.	0.3	0
68	Marine geology of the St. Lawrence Estuary. <i>IOP Conference Series: Earth and Environmental Science</i> , 2011, 14, 012003.	0.3	2
69	Large-scale subaerial and submarine Holocene and recent mass movements in the Betsiamites area, Quebec, Canada. <i>Engineering Geology</i> , 2011, 121, 28-45.	6.3	30
70	Diatom-inferred wind activity at Lac du Sommet, southern QuÃ©bec, Canada: A multiproxy paleoclimate reconstruction based on diatoms, chironomids and pollen for the past 9500 years. <i>Holocene</i> , 2011, 21, 925-938.	1.7	18
71	Holocene dynamics of the Arctic's largest ice shelf. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18899-18904.	7.1	41
72	Multi-proxy records of environmental changes in Hudson Bay and Strait since the final outburst flood of Lake Agassizâ€™Ojibway. <i>Marine Geology</i> , 2010, 271, 93-105.	2.1	6

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73	Role of the bedrock topography in the Quaternary filling of a giant estuarine basin: the Lower St. Lawrence Estuary, Eastern Canada. Basin Research, 2010, 22, 933-951.	2.7	37
74	Holocene sea ice history and climate variability along the main axis of the Northwest Passage, Canadian Arctic. Paleoceanography, 2010, 25, .	3.0	37
75	Holocene paleoceanography of the northwest passage, Canadian Arctic Archipelago. Quaternary Science Reviews, 2010, 29, 3468-3488.	3.0	42
76	Recent transfer of coastal sediments to the Laurentian Channel, Lower St. Lawrence Estuary (Eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	16
77	CAT-scan analysis of sedimentary sequences: An ultrahigh-resolution paleoclimatic tool. Engineering Geology, 2009, 103, 127-133.	6.3	36
78	Paleomagnetic constraints on the Holocene stratigraphy of the Arctic Alaskan margin. Global and Planetary Change, 2009, 68, 85-99.	3.5	50
79	Impact of diagenesis on the environmental magnetic record from a Holocene sedimentary sequence from the Chukchiâ€Alaskan margin, Arctic Ocean. Global and Planetary Change, 2009, 68, 100-114.	3.5	21
80	Foraminiferal assemblage changes over the last 15,000 years on the Mackenzieâ€Beaufort Sea Slope and Amundsen Gulf, Canada: Implications for past sea ice conditions. Paleoceanography, 2009, 24, .	3.0	45
81	Late-Quaternary morpho-sedimentology and submarine mass movements of the Betsiamites area, Lower St. Lawrence Estuary, Quebec, Canada. Marine Geology, 2008, 251, 233-252.	2.1	41
82	The subglacial origin of the Lake Agassizâ€Ojibway final outburst flood. Nature Geoscience, 2008, 1, 184-188.	12.9	94
83	High-resolution paleomagnetic secular variation and relative paleointensity records from the western Canadian Arctic: implication for Holocene stratigraphy and geomagnetic field behaviourThis article is one of a series of papers published in this Special Issue on the theme <i>Polar Climate Stability Network</i>.GEOTOP Contribution 2008-0024.. Canadian Journal of Earth Sciences, 2008, 45, 1265-1281.	1.3	51
84	Identification and dating of a key Late Pleistocene stratigraphic unit in the St. Lawrence Estuary and Gulf (Eastern Canada). Quaternary Science Reviews, 2008, 27, 2390-2400.	3.0	40
85	Palynological evidence of Holocene climate change in the eastern Arctic: a possible shift in the Arctic oscillation at the millennial time scaleThis article is one of a series of papers published in this Special Issue on the theme <i>Polar Climate Stability Network</i>.. Canadian Journal of Earth Sciences, 2008, 45, 1363-1375.	1.3	38
86	High-resolution seismo-stratigraphy and sedimentological properties of late- and postglacial sediments in Lac Guillaume-Delisle Estuary and Nastapoka Sound, eastern Hudson Bay. Canadian Journal of Earth Sciences, 2008, 45, 427-441.	1.3	11
87	Chapter Three Magnetic Stratigraphy in Paleoceanography: Reversals, Excursions, Paleointensity, and Secular Variation. Developments in Marine Geology, 2007, 1, 99-138.	0.4	47
88	Chapter Two Continuous Physical Properties of Cored Marine Sediments. Developments in Marine Geology, 2007, , 63-98.	0.4	46
89	High-altitude varve records of abrupt environmental changes and mining activity over the last 4000 years in the Western French Alps (Lake Bramant, Grandes Rousses Massif). Quaternary Science Reviews, 2007, 26, 2644-2660.	3.0	163
90	Flood-Induced Turbidites From Northern Hudson Bay And Western Hudson Strait: A Two-Pulse Record Of Lake Agassiz Final Outburst Flood?. , 2007, , 129-137.		9

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91	Submarine Mass Movements In The Betsiamites Area, Lower St. Lawrence Estuary, QuÃ©bec, Canada. , 2007, , 233-241.		3
92	The Ad 1881 Earthquake-Triggered Slump And Late Holocene Flood-Induced Turbidites From Proglacial Lake Bramant, Western French Alps. , 2007, , 279-286.		20
93	Morphosedimentology Of Submarine Mass-Movements And Gravity Flows Offshore Sept-ÃŽles, Nw Gulf Of St. Lawrence (QuÃ©bec, Canada). , 2007, , 287-296.		6
94	Earthquake and flood-induced turbidites in the Saguenay Fjord (QuÃ©bec): a Holocene paleoseismicity record. Quaternary Science Reviews, 2004, 23, 283-294.	3.0	130
95	Holocene paleomagnetic records from the St. Lawrence Estuary, eastern Canada: centennial- to millennial-scale geomagnetic modulation of cosmogenic isotopes. Earth and Planetary Science Letters, 2003, 209, 113-130.	4.4	168
96	Isotopic constraints of sedimentary inputs and organic carbon burial rates in the Saguenay Fjord, Quebec. Marine Geology, 2001, 176, 1-22.	2.1	85
97	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
98	A new ~â€‰900-year varved record in Lake Walker, QuÃ©bec North Shore, eastern Canada: insight on late Holocene climate mode of variability. Journal of Paleolimnology, 0, , 1.	1.6	3
99	IODP workshop: developing scientific drilling proposals for the Argentina Passive Volcanic Continental Margin (APVCM) â€” basin evolution, deep biosphere, hydrates, sediment dynamics and ocean evolution. Scientific Drilling, 0, 22, 49-61.	0.6	1
100	High resolution inclination records from the Gulf of Alaska, Iodp Expedition 341 sites U1418 and U1419. Geophysical Journal International, 0, , .	2.4	2
101	Lateglacial and Holocene sedimentary dynamics in northwestern Baffin Bay as recorded in sediment cores from Cape Norton Shaw Inlet (Nunavut, Canada). Boreas, 0, , .	2.4	5