John Clague

List of Publications by Year in descending order

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145	9,012	50	88
papers	citations	h-index	g-index
161	161	161	6242
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Comparison of statistical and machine learning approaches in land subsidence modelling. Geocarto International, 2022, 37, 6165-6185.	1.7	5
2	Early and Middle Pleistocene glaciation of the southern Patagonian plain. Journal of South American Earth Sciences, 2022, 114, 103687.	0.6	4
3	The 28 November 2020 Landslide, Tsunami, and Outburst Flood – A Hazard Cascade Associated With Rapid Deglaciation at Elliot Creek, British Columbia, Canada. Geophysical Research Letters, 2022, 49, .	1.5	23
4	Towards robust smart data-driven soil erodibility index prediction under different scenarios. Geocarto International, 2022, 37, 13176-13209.	1.7	1
5	GIS-based multicriteria evaluation for earthquake response: a case study of expert opinion in Vancouver, Canada. Natural Hazards, 2021, 105, 2075-2091.	1.6	8
6	A huge flood in the Fraser River valley, British Columbia, near the Pleistocene Termination. Geomorphology, 2021, 374, 107473.	1.1	8
7	Topsoil organic matter buildâ€up in glacier forelands around the world. Global Change Biology, 2021, 27, 1662-1677.	4.2	41
8	A massive rock and ice avalanche caused the 2021 disaster at Chamoli, Indian Himalaya. Science, 2021, 373, 300-306.	6.0	304
9	Exploring new methods to analyse spatial impact distributions on debrisâ€flow fans using data from southâ€western British Columbia. Earth Surface Processes and Landforms, 2021, 46, 2395-2413.	1.2	10
10	Relations between climate change and mass movement: Perspectives from the Canadian Cordillera and the European Alps. Global and Planetary Change, 2021, 202, 103499.	1.6	29
11	Channel-amphitheatre landforms resulting from liquefaction flowslides during rapid drawdown of glacial Lake Fraser, British Columbia, Canada. Geomorphology, 2021, 392, 107898.	1.1	O
12	Sea-Level Change: Emergent Hazard in a Warming World. , 2021, , .		0
13	Glacier-related outburst floods. , 2021, , 467-499.		11
14	The Retreat of Mountain Glaciers since the Little Ice Age: A Spatially Explicit Database. Data, 2021, 6, 107.	1.2	13
15	Geometry-Based Preliminary Quantification of Landslide-Induced Impulse Wave Attenuation in Mountain Lakes. Applied Sciences (Switzerland), 2021, 11, 11614.	1.3	8
16	Observations on the May 2019 Joffre Peak landslides, British Columbia. Landslides, 2020, 17, 913-930.	2.7	32
17	Pliocene and Early Pleistocene glaciation and landscape evolution on the Patagonian Steppe, Santa Cruz province, Argentina. Quaternary Science Reviews, 2020, 227, 105992.	1.4	22
18	Landslide Susceptibility Mapping Using Machine Learning Algorithms and Remote Sensing Data in a Tropical Environment. International Journal of Environmental Research and Public Health, 2020, 17, 4933.	1.2	84

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19	GIS-Based Gully Erosion Susceptibility Mapping: A Comparison of Computational Ensemble Data Mining Models. Applied Sciences (Switzerland), 2020, 10, 2039.	1.3	78
20	The deglaciation of the Americas during the Last Glacial Termination. Earth-Science Reviews, 2020, 203, 103113.	4.0	60
21	Flood Detection and Susceptibility Mapping Using Sentinel-1 Remote Sensing Data and a Machine Learning Approach: Hybrid Intelligence of Bagging Ensemble Based on K-Nearest Neighbor Classifier. Remote Sensing, 2020, 12, 266.	1.8	210
22	Shallow Landslide Susceptibility Mapping by Random Forest Base Classifier and Its Ensembles in a Semi-Arid Region of Iran. Forests, 2020, 11, 421.	0.9	87
23	Shallow Landslide Susceptibility Mapping: A Comparison between Logistic Model Tree, Logistic Regression, NaÃve Bayes Tree, Artificial Neural Network, and Support Vector Machine Algorithms. International Journal of Environmental Research and Public Health, 2020, 17, 2749.	1.2	159
24	Outburst Floods., 2020,,.		3
25	â€~Boundary': mapping and visualizing climatically changed landscapes at Kaskawulsh Glacier and Kluane Lake, Yukon. Journal of Maps, 2019, 15, 19-30.	1.0	2
26	New Ensemble Models for Shallow Landslide Susceptibility Modeling in a Semi-Arid Watershed. Forests, 2019, 10, 743.	0.9	89
27	Shallow Landslide Prediction Using a Novel Hybrid Functional Machine Learning Algorithm. Remote Sensing, 2019, 11, 931.	1.8	90
28	Changes in ground deformation prior to and following a large urban landslide in La Paz, Bolivia, revealed by advanced InSAR. Natural Hazards and Earth System Sciences, 2019, 19, 679-696.	1.5	13
29	Distinguishing between debris flows and hyperconcentrated flows: an example from the eastern Swiss Alps. Earth Surface Processes and Landforms, 2018, 43, 1280-1294.	1.2	41
30	Pliocene and Pleistocene chronostratigraphy of continental sediments underlying the Altiplano at La Paz, Bolivia. Quaternary Science Reviews, 2018, 189, 105-126.	1.4	10
31	A non-hydrostatic model for the numerical study of landslide-generated waves. Landslides, 2018, 15, 711-726.	2.7	20
32	Precursory slope distress prior to the 2010 Mount Meager landslide, British Columbia. Landslides, 2018, 15, 637-647.	2.7	51
33	A multi-century estimate of suspended sediment yield from Lillooet Lake, southern Coast Mountains, Canada. Canadian Journal of Earth Sciences, 2018, 55, 18-32.	0.6	3
34	Multiple tropical Andean glaciations during a period of late Pliocene warmth. Scientific Reports, 2017, 7, 41878.	1.6	10
35	River piracy and drainage basin reorganization led by climate-driven glacier retreat. Nature Geoscience, 2017, 10, 370-375.	5.4	107
36	Were they all giants? Perspectives on late Holocene plate-boundary earthquakes at the northern end of the Cascadia subduction zone. Quaternary Science Reviews, 2017, 169, 29-49.	1.4	25

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37	Cordilleran Ice Sheet mass loss preceded climate reversals near the Pleistocene Termination. Science, 2017, 358, 781-784.	6.0	74
38	Rare and dangerous: Recognizing extra-ordinary events in stream channels. Canadian Water Resources Journal, 2016, 41, 161-173.	0.5	15
39	Engineering geomorphological characterisation of the Vajont Slide, Italy, and a new interpretation of the chronology and evolution of the landslide. Landslides, 2016, 13, 1067-1081.	2.7	36
40	Record of glacial Lake Missoula floods in glacial Lake Columbia, Washington. Quaternary Science Reviews, 2016, 133, 62-76.	1.4	19
41	Glacier floods. , 2015, , 204-226.		1
42	Maximum-recorded overland run-ups of major nearfield paleotsunamis during the past 3000 years along the Cascadia margin, USA, and Canada. Natural Hazards, 2015, 77, 2005-2026.	1.6	3
43	A visibility-based assessment of tsunami evacuation signs in Seaside, Oregon. Natural Hazards, 2015, 78, 41-59.	1.6	7
44	Glacier-Related Outburst Floods. , 2015, , 487-519.		18
45	An 825-year long varve record from Lillooet Lake, British Columbia, and its potential as a flood proxy. Quaternary Science Reviews, 2015, 126, 158-174.	1.4	9
46	A morphologic characterisation of the 1963 Vajont Slide, Italy, using long-range terrestrial photogrammetry. Geomorphology, 2014, 206, 147-164.	1.1	48
47	Coupling glacial lake impact, dam breach, and flood processes: A modeling perspective. Geomorphology, 2014, 224, 161-176.	1.1	129
48	Timing of terminal Pleistocene deglaciation at high elevations in southern and central British Columbia constrained by 10Be exposure dating. Quaternary Science Reviews, 2014, 99, 193-202.	1.4	20
49	A multi-criteria evaluation model of earthquake vulnerability in Victoria, British Columbia. Natural Hazards, 2014, 74, 1209-1222.	1.6	43
50	Investigating absolute chronologies of glacial advances in the NW sector of the Cordilleran Ice Sheet with terrestrial in situ cosmogenic nuclides. Quaternary Science Reviews, 2014, 92, 429-443.	1.4	28
51	Discussion: "Streamlined erosional residuals and drumlins in central British Columbia, Canada―by J. Donald McClenagan, (2013) Geomorphology 189, 41–54. Geomorphology, 2014, 209, 147-150.	1.1	7
52	Recurrence intervals of major paleotsunamis as calibrated by historic tsunami deposits in three localities: Port Alberni, Cannon Beach, and Crescent City, along the Cascadia margin, Canada and USA. Natural Hazards, 2013, 68, 321-336.	1.6	18
53	Retreat pattern of the <scp>C</scp> ordilleran <scp>I</scp> ce <scp>S</scp> heet in central <scp>B</scp> ritish <scp>C</scp> olumbia at the end of the last glaciation reconstructed from glacial meltwater landforms. Boreas, 2013, 42, 830-847.	1.2	25
54	Cryospheric hazards. Geology Today, 2013, 29, 73-79.	0.3	4

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55	Glacier Hazards. Encyclopedia of Earth Sciences Series, 2013, , 400-405.	0.1	1
56	Detecting Potential Climate Signals in Large Slope Failures in Cold Mountain Regions., 2013,, 361-367.		6
57	Rapid rock-slope failures. , 2012, , 59-70.		24
58	Landslide monitoring:., 2012,, 222-234.		34
59	Latest Pleistocene and Holocene glacier fluctuations on Mount Baker, Washington. Quaternary Science Reviews, 2012, 49, 33-51.	1.4	32
60	The 6 August 2010 Mount Meager rock slide-debris flow, Coast Mountains, British Columbia: characteristics, dynamics, and implications for hazard and risk assessment. Natural Hazards and Earth System Sciences, 2012, 12, 1277-1294.	1.5	125
61	Stability analysis of the 2007 Chehalis lake landslide based on long-range terrestrial photogrammetry and airborne LiDAR data. Landslides, 2012, 9, 75-91.	2.7	53
62	Is climate change responsible for changing landslide activity in high mountains?. Earth Surface Processes and Landforms, 2012, 37, 77-91.	1.2	312
63	A Revised Earthquake Chronology for the last 4,000 Years Inferred from Varve-Bounded Debris-Flow Deposits beneath an Inlet near Victoria, British Columbia. Bulletin of the Seismological Society of America, 2011, 101, 1-12.	1.1	22
64	Pleistocene Glaciation of British Columbia. Developments in Quaternary Sciences, 2011, 15, 563-573.	0.1	40
65	The sedimentology and geomorphology of rock avalanche deposits on glaciers. Sedimentology, 2011, 58, 1762-1783.	1.6	91
66	An assessment of educational tsunami evacuation map designs in Washington and Oregon. Natural Hazards, 2011, 59, 1205-1223.	1.6	16
67	Timing and extent of early marine oxygen isotope stage 2 alpine glaciation in Skagit Valley, Washington. Quaternary Research, 2010, 73, 313-323.	1.0	8
68	A multiâ€species dendroclimatic reconstruction of Chilko River streamflow, British Columbia, Canada. Hydrological Processes, 2010, 24, 2752-2761.	1.1	28
69	Dendrogeomorphic reconstruction of Little Ice Age paraglacial activity in the vicinity of the Homathko Icefield, British Columbia Coast Mountains, Canada. Geomorphology, 2010, 121, 197-205.	1.1	3
70	Investigating the glacial history of the northern sector of the Cordilleran Ice Sheet with cosmogenic 10Be concentrations in quartz. Quaternary Science Reviews, 2010, 29, 3630-3643.	1.4	30
71	Fluvial response to Holocene glacier fluctuations in the Nostetuko River valley, southern Coast Mountains, British Columbia. Geological Society Special Publication, 2009, 320, 199-218.	0.8	7
72	Glacier change in Garibaldi Provincial Park, southern Coast Mountains, British Columbia, since the Little Ice Age. Global and Planetary Change, 2009, 66, 161-178.	1.6	28

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73	Latest Pleistocene and Holocene glacier fluctuations in western Canada. Quaternary Science Reviews, 2009, 28, 2049-2074.	1.4	142
74	Nomenclature and resolution in Holocene glacial chronologies. Quaternary Science Reviews, 2009, 28, 2231-2238.	1.4	48
75	Sea-level change and paleogeographic reconstructions, southern Vancouver Island, British Columbia, Canada. Quaternary Science Reviews, 2009, 28, 1200-1216.	1.4	39
76	Natural hazards, extreme events, and mountain topography. Quaternary Science Reviews, 2009, 28, 977-990.	1.4	121
77	Climate Change and Slope Instability. , 2009, , 557-572.		7
78	Advance of alpine glaciers during final retreat of the Cordilleran ice sheet in the Finlay River area, northern British Columbia, Canada. Quaternary Research, 2008, 69, 188-200.	1.0	25
79	Legacies of catastrophic rock slope failures in mountain landscapes. Earth-Science Reviews, 2008, 87, 1-38.	4.0	251
80	Reconstructing hydro-climatic events and glacier fluctuations over the past millennium from annually laminated sediments of Cheakamus Lake, southern Coast Mountains, British Columbia, Canada. Quaternary Science Reviews, 2008, 27, 701-713.	1.4	38
81	Hazard and risk from large landslides from Mount Meager volcano, British Columbia, Canada. Georisk, 2008, 2, 48-64.	2.6	26
82	Glacier fluctuations during the past millennium in Garibaldi Provincial Park, southern Coast Mountains, British Columbia. Canadian Journal of Earth Sciences, 2007, 44, 1215-1233.	0.6	42
83	Multi-proxy record of Holocene glacial history of the Spearhead and Fitzsimmons ranges, southern Coast Mountains, British Columbia. Quaternary Science Reviews, 2007, 26, 479-493.	1.4	50
84	Statistical, remote sensing-based approach for estimating the probability of catastrophic drainage from moraine-dammed lakes in southwestern British Columbia. Global and Planetary Change, 2007, 56, 153-171.	1.6	109
85	A procedure for making objective preliminary assessments of outburst flood hazard from moraine-dammed lakes in southwestern British Columbia. Natural Hazards, 2007, 41, 131-157.	1.6	70
86	Evidence for catastrophic volcanic debris flows in Pemberton Valley, British Columbia. Canadian Journal of Earth Sciences, 2006, 43, 679-689.	0.6	21
87	Status of the Quaternary: Your opinion sought. Quaternary International, 2006, 144, 99-100.	0.7	2
88	An overview of recent large catastrophic landslides in northern British Columbia, Canada. Engineering Geology, 2006, 83, 120-143.	2.9	254
89	1,000-year record of landslide dams at Halden Creek, northeastern British Columbia. Landslides, 2006, 3, 217-227.	2.7	26
90	Multifaceted hazard assessment of Cheekye fan, a large debris-flow fan in south-western British Columbia., 2005,, 659-683.		9

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91	Early growth of the last Cordilleran ice sheet deduced from glacio-isostatic depression in southwest British Columbia, Canada. Quaternary Research, 2005, 63, 53-59.	1.0	10
92	Geomorphic and sedimentological signature of a two-phase outburst ?ood from moraine-dammed Queen Bess Lake, British Columbia, Canada. Earth Surface Processes and Landforms, 2005, 30, 1-25.	1.2	110
93	Environmental reconstruction from a varve network in the southern Coast Mountains, British Columbia, Canada. Holocene, 2005, 15, 1163-1171.	0.9	33
94	Status of the Quaternary. Quaternary Science Reviews, 2005, 24, 2424-2425.	1.4	5
95	Marine and limnic radiocarbon reservoir corrections for studies of late- and postglacial environments in Georgia Basin and Puget Lowland, British Columbia, Canada and Washington, USA. Quaternary Research, 2004, 61, 193-203.	1.0	69
96	The Cheam rock avalanche, Fraser Valley, British Columbia, Canada. Landslides, 2004, 1, 289-298.	2.7	35
97	Architecture and evolution of a fjord-head delta, western Vancouver Island, British Columbia. Journal of Quaternary Science, 2004, 19, 497-511.	1.1	7
98	Stratigraphic evidence for multiple Holocene advances of Lillooet Glacier, southern Coast Mountains, British Columbia. Canadian Journal of Earth Sciences, 2004, 41, 903-918.	0.6	47
99	Large Holocene landslides from Pylon Peak, southwestern British Columbia. Canadian Journal of Earth Sciences, 2004, 41, 165-182.	0.6	41
100	Late Holocene environmental change at treeline in the northern Coast Mountains, British Columbia, Canada. Quaternary Science Reviews, 2004, 23, 2413-2431.	1.4	15
101	Tsunami Hazard and Risk in Canada. Natural Hazards, 2003, 28, 435-463.	1.6	42
102	Paleomagnetic and tephra evidence for tens of Missoula floods in southern Washington. Geology, 2003, 31, 247.	2.0	52
103	Readvance of glaciers in the British Columbia Coast Mountains at the end of the last glaciation. Quaternary International, 2002, 87, 45-58.	0.7	33
104	History and isostatic effects of the last ice sheet in southern British Columbia. Quaternary Science Reviews, 2002, 21, 71-87.	1.4	219
105	Younger Dryas readvance in Squamish river valley, southern Coast mountains, British Columbia. Quaternary Science Reviews, 2002, 21, 1925-1933.	1.4	54
106	The Earthquake Threat in Southwestern British Columbia: A Geologic Perspective. Natural Hazards, 2002, 26, 7-33.	1.6	7
107	Paleoseismic signature in late Holocene sediment cores from Saanich Inlet, British Columbia. Marine Geology, 2001, 175, 131-148.	0.9	29
108	Tsunamis and tectonic deformation at the northern Cascadia margin: a 3000-year record from Deserted Lake, Vancouver Island, British Columbia, Canada. Holocene, 2000, 10, 429-439.	0.9	59

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109	Postglacial rebound at the northern Cascadia subduction zone. Quaternary Science Reviews, 2000, 19, 1527-1541.	1.4	112
110	A review of catastrophic drainage of moraine-dammed lakes in British Columbia. Quaternary Science Reviews, 2000, 19, 1763-1783.	1.4	452
111	A review of geological records of large tsunamis at Vancouver Island, British Columbia, and implications for hazard. Quaternary Science Reviews, 2000, 19, 849-863.	1.4	149
112	Recognizing order in chaotic sequences of Quaternary sediments in the Canadian Cordillera. Quaternary International, 2000, 68-71, 29-38.	0.7	15
113	Evidence for large earthquakes at the Cascadia Subduction Zone. Reviews of Geophysics, 1997, 35, 439-460.	9.0	163
114	Tsunami Deposits Beneath Tidal Marshes on Northwestern Vancouver Island, British Columbia. Quaternary Research, 1997, 48, 192-204.	1.0	89
115	Preâ€Younger Dryas resurgence of the southwestern margin of the Cordilleran ice sheet, British Columbia, Canada. Boreas, 1997, 26, 261-278.	1.2	7 3
116	Summary of Coastal Geologic Evidence for past Great Earthquakes at the Cascadia Subduction Zone. Earthquake Spectra, 1995, 11, 1-18.	1.6	243
117	Radiocarbon evidence for extensive plate-boundary rupture about 300 years ago at the Cascadia subduction zone. Nature, 1995, 378, 371-374.	13.7	160
118	Improved age estimates for the White River and Bridge River tephras, western Canada. Canadian Journal of Earth Sciences, 1995, 32, 1172-1179.	0.6	145
119	A Sand Sheet Deposited by the 1964 Alaska Tsunami at Port Alberni, British Columbia. Estuarine, Coastal and Shelf Science, 1994, 38, 413-421.	0.9	40
120	Evidence for a Large Earthquake and Tsunami 100-400 Years Ago on Western Vancouver Island, British Columbia. Quaternary Research, 1994, 41, 176-184.	1.0	121
121	Detection of Large Prehistoric Earthquakes in the Pacific Northwest by Microfossil Analysis. Science, 1994, 264, 688-691.	6.0	58
122	Recent climatic change and catastrophic geomorphic processes in mountain environments. Geomorphology, 1994, 10, 107-128.	1.1	386
123	Tsunami deposits beneath tidal marshes on Vancouver Island, British Columbia. Bulletin of the Geological Society of America, 1994, 106, 1293-1303.	1.6	106
124	The record of jökulhlaups from Summit Lake, northwestern British Columbia. Canadian Journal of Earth Sciences, 1993, 30, 499-508.	0.6	39
125	Liquefaction features on the Fraser delta: evidence for prehistoric earthquakes?. Canadian Journal of Earth Sciences, 1992, 29, 1734-1745.	0.6	57
126	The sedimentary record and Neoglacial history of Tide Lake, northwestern British Columbia. Canadian Journal of Earth Sciences, 1992, 29, 2383-2396.	0.6	33

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127	Glaciolacustrine Sedimentation During Advance and Retreat of the Cordilleran Ice Sheet in Central British Colombia. Géographie Physique Et Quaternaire, 1991, 45, 317-331.	0.2	27
128	lce-free conditions in southwestern British Columbia at 16000 years BP. Canadian Journal of Earth Sciences, 1988, 25, 938-941.	0.6	25
129	Quaternary stratigraphy and history, Williams Lake, British Columbia. Canadian Journal of Earth Sciences, 1987, 24, 147-158.	0.6	34
130	Landsliding caused by Pleistocene glacial lake ponding–an example from central British Columbia. Canadian Geotechnical Journal, 1987, 24, 656-663.	1.4	9
131	Deglaciation of Chilliwack River valley, British Columbia. Canadian Journal of Earth Sciences, 1987, 24, 915-923.	0.6	47
132	Advance and retreat glacigenic deformation at Williams Lake, British Columbia. Canadian Journal of Earth Sciences, 1987, 24, 1421-1430.	0.6	19
133	Coarse-grained sediment gravity flow facies in a large supraglacial lake. Sedimentology, 1987, 34, 193-216.	1.6	97
134	The Quaternary stratigraphic record of British Columbia—evidence for episodic sedimentation and erosion controlled by glaciation. Canadian Journal of Earth Sciences, 1986, 23, 885-894.	0.6	73
135	A debris flow triggered by the breaching of a moraine-dammed lake, Klattasine Creek, British Columbia. Canadian Journal of Earth Sciences, 1985, 22, 1492-1502.	0.6	79
136	Delaciation of the Prince Rupert – Kitimat area, British Columbia. Canadian Journal of Earth Sciences, 1985, 22, 256-265.	0.6	53
137	Sedimentary environments and postglacial history of the Fraser Delta and lower Fraser Valley, British Columbia. Canadian Journal of Earth Sciences, 1983, 20, 1314-1326.	0.6	78
138	Neoglacial Lake Alsek. Canadian Journal of Earth Sciences, 1982, 19, 94-117.	0.6	54
139	Late Quaternary sea levels and crustal movements, coastal British Columbia. Canadian Journal of Earth Sciences, 1982, 19, 597-618.	0.6	233
140	Late Quaternary geology of eastern Graham Island, Queen Charlotte Islands, British Columbia. Canadian Journal of Earth Sciences, 1982, 19, 1786-1795.	0.6	61
141	Advance of the Late Wisconsin Cordilleran Ice Sheet in Southern British Columbia Since 22,000 Yr B.P Quaternary Research, 1980, 13, 322-326.	1.0	83
142	Two major Wisconsin lithostratigraphic units in southwest British Columbia. Canadian Journal of Earth Sciences, 1977, 14, 1471-1480.	0.6	56
143	Quadra Sand and its relation to the late Wisconsin glaciation of southwest British Columbia. Canadian Journal of Earth Sciences, 1976, 13, 803-815.	0.6	67
144	Late Quaternary Sediments and Geomorphic History of the Southern Rocky Mountain Trench, British Columbia. Canadian Journal of Earth Sciences, 1975, 12, 595-605.	0.6	26

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145	Quaternary Stratigraphy and History, Quesnel, British Columbia. Géographie Physique Et Quaternaire, 0, 42, 279-288.	0.2	18