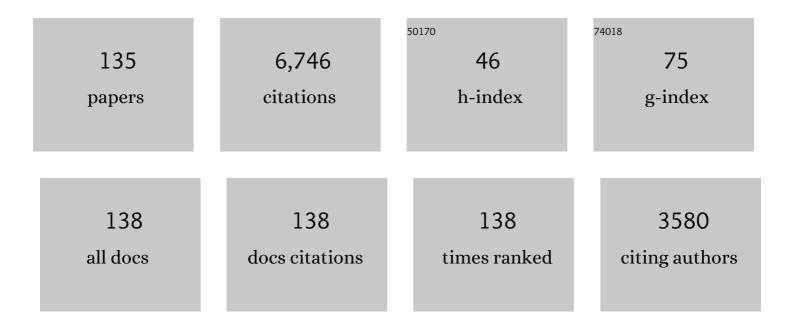
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Antarctic Ice Sheet during the Last Glacial Maximum and its subsequent retreat history: a review. Quaternary Science Reviews, 2002, 21, 49-70.	1.4	390
2	Title is missing!. Bulletin of the Geological Society of America, 1999, 111, 1517.	1.6	265
3	A community-based geological reconstruction of Antarctic Ice Sheet deglaciation since the Last Glacial Maximum. Quaternary Science Reviews, 2014, 100, 1-9.	1.4	228
4	Reconstruction of the West Antarctic ice sheet in Pine Island Bay during the Last Glacial Maximum and its subsequent retreat history. Quaternary Science Reviews, 2002, 21, 1879-1897.	1.4	189
5	Expansion and rapid retreat of the West Antarctic Ice Sheet in eastern Ross Sea: possible consequence of over-extended ice streams?. Quaternary Science Reviews, 2006, 25, 2177-2196.	1.4	159
6	lce-sheet extent of the Antarctic Peninsula region during the Last Glacial Maximum (LGM)—Insights from glacial geomorphology. Bulletin of the Geological Society of America, 2005, 117, 1497.	1.6	149
7	Ross Sea paleo-ice sheet drainage and deglacial history during and since the LGM. Quaternary Science Reviews, 2014, 100, 31-54.	1.4	145
8	Sedimentation on the Ross Sea continental shelf, Antarctica. Marine Geology, 1984, 57, 295-333.	0.9	143
9	Evidence for abundant subglacial meltwater beneath the paleo-ice sheet in Pine Island Bay, Antarctica. Journal of Glaciology, 2003, 49, 125-138.	1.1	137
10	Reconstruction of ice-sheet changes in the Antarctic Peninsula since the Last Glacial Maximum. Quaternary Science Reviews, 2014, 100, 87-110.	1.4	129
11	Geological record of ice shelf break-up and grounding line retreat, Pine Island Bay, West Antarctica. Geology, 2011, 39, 691-694.	2.0	125
12	Climatic control of sedimentation in bays and fjords of the northern Antarctic Peninsula. Marine Geology, 1989, 85, 181-204.	0.9	119
13	Glacial and marine geological evidence for the ice sheet configuration in the Weddell Sea–Antarctic Peninsula region during the Last Glacial Maximum. Antarctic Science, 1998, 10, 309-325.	0.5	119
14	Radiocarbon constraints on Antarctic Peninsula Ice Sheet retreat following the Last Glacial Maximum (LGM). Quaternary Science Reviews, 2007, 26, 3286-3297.	1.4	116
15	Progressive Cenozoic cooling and the demise of Antarctica's last refugium. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11356-11360.	3.3	106
16	Extent and dynamics of the West Antarctic Ice Sheet on the outer continental shelf of Pine Island Bay during the last glaciation. Marine Geology, 2006, 230, 53-72.	0.9	99
17	Widespread collapse of the Ross Ice Shelf during the late Holocene. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2354-2359.	3.3	97
18	Ice sheet retreat dynamics inferred from glacial morphology of the central Pine Island Bay Trough, West Antarctica. Quaternary Science Reviews, 2012, 38, 1-10.	1.4	94

#	Article	IF	CITATIONS
19	Reconstruction of changes in the Amundsen Sea and Bellingshausen Sea sector of the West Antarctic Ice Sheet since the Last Glacial Maximum. Quaternary Science Reviews, 2014, 100, 55-86.	1.4	94
20	Recycling sediments between source and sink during a eustatic cycle: Systems of late Quaternary northwestern Gulf of Mexico Basin. Earth-Science Reviews, 2016, 153, 111-138.	4.0	94
21	The importance of sediment gravity flow to sediment transport and sorting in a glacial marine environment: Eastern Weddell Sea, Antarctica. Bulletin of the Geological Society of America, 1982, 93, 951.	1.6	93
22	Past ice-sheet behaviour: retreat scenarios and changing controls in the Ross Sea, Antarctica. Cryosphere, 2016, 10, 1003-1020.	1.5	91
23	Size, shape and spatial arrangement of megaâ€scale glacial lineations from a large and diverse dataset. Earth Surface Processes and Landforms, 2014, 39, 1432-1448.	1.2	87
24	Variable response of coastal environments of the northwestern Gulf of Mexico to sea-level rise and climate change: Implications for future change. Marine Geology, 2014, 352, 348-366.	0.9	86
25	Reconstruction of changes in the Weddell Sea sector of the Antarctic Ice Sheet since the Last Glacial Maximum. Quaternary Science Reviews, 2014, 100, 111-136.	1.4	85
26	Oceanographic influences on sedimentation along the Antarctic continental shelf. Antarctic Research Series, 1985, , 291-312.	0.2	84
27	Variations in shoreface progradation and ravinement along the Texas coast, Gulf of Mexico. Sedimentology, 2001, 48, 837-853.	1.6	84
28	Post-LGM deglaciation in Pine Island Bay, West Antarctica. Quaternary Science Reviews, 2012, 38, 11-26.	1.4	73
29	Cenozoic Glacial History of the Ross Sea Revealed by Intermediate Resolution Seismic Reflection Data Combined with Drill Site Information. Antarctic Research Series, 2013, , 231-264.	0.2	66
30	Glacial-Marine Sedimentation and Quaternary Glacial History of Marguerite Bay, Antarctic Peninsula. Quaternary Research, 1989, 31, 255-276.	1.0	65
31	Evidence for a grounded ice sheet on the Ross Sea continental shelf during the Late Pleistocene and preliminary paleodrainage reconstruction. Antarctic Research Series, 1992, , 39-62.	0.2	65
32	Geomorphology of the onset area of a paleoâ€ice stream, Marguerite Bay, Antarctic Peninsula. Earth Surface Processes and Landforms, 2008, 33, 503-512.	1.2	65
33	Sea-Level Controls on the Facies Architecture of the Trinity/Sabine Incised-Valley System, Texas Continental Shelf. , 1994, , .		65
34	Factors controlling CaCO3 dissolution in the Weddell Sea from foraminiferal distribution patterns. Marine Geology, 1975, 19, 315-332.	0.9	64
35	Sea-level history of the Gulf of Mexico since the Last Glacial Maximum with implications for the melting history of the Laurentide Ice Sheet. Quaternary Science Reviews, 2007, 26, 920-940.	1.4	63
36	LATE QUATERNARY STRATIGRAPHIC EVOLUTION OF THE NORTHERN GULF OF MEXICO MARGIN: A SYNTHESIS. , 2004, , 1-23.		63

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37	The marine record of deglaciation of the South Shetland Islands, Antarctica since the Last Glacial Maximum. Quaternary Science Reviews, 2011, 30, 1583-1601.	1.4	62
38	Observations of Sediment–laden Icebergs in Antarctic Waters: Implications to Glacial Erosion and Transport. Journal of Glaciology, 1980, 25, 387-396.	1.1	61
39	Late Quaternary glacial history of the northern Antarctic Peninsula's western continental shelf: Evidence from the marine record. Antarctic Research Series, 1992, , 63-91.	0.2	61
40	Glacial retreat patterns and processes determined from integrated sedimentology and geomorphology records. Marine Geology, 2018, 395, 104-119.	0.9	59
41	Barrier-island aggradation via inlet migration: Mustang Island, Texas. Sedimentary Geology, 2006, 187, 105-125.	1.0	58
42	Anatomy of a meltwater drainage system beneath the ancestral East Antarctic ice sheet. Nature Geoscience, 2017, 10, 691-697.	5.4	58
43	Holocene climate change in the Bransfield Basin, Antarctic Peninsula: evidence from sediment and diatom analysis. Antarctic Science, 2008, 20, 69-87.	O.5	57
44	Marine ice-sheet decoupling as a mechanism for rapid, episodic sea-level change: the record of such events and their influence on sedimentation. Sedimentary Geology, 1991, 70, 87-104.	1.0	56
45	Bay-head deltas across the northern Gulf of Mexico back step in response to the 8.2ka cooling event. Quaternary Science Reviews, 2010, 29, 3983-3993.	1.4	55
46	Development of a Polar Glacial-Marine Sedimentation Model from Antarctic Quaternary Deposits and Glaciological Information. , 1983, , 233-264.		52
47	Radiocarbon constraints on ice sheet advance and retreat in the Weddell Sea, Antarctica. Geology, 1999, 27, 179.	2.0	51
48	Holocene climate and glacial history of the northeastern Antarctic Peninsula: the marine sedimentary record from a long SHALDRIL core. Quaternary Science Reviews, 2009, 28, 3049-3065.	1.4	51
49	The influence of valley aggradation and listric normal faulting on styles of river avulsion: A case study of the Brazos River, Texas, USA. Geomorphology, 2008, 95, 429-448.	1.1	48
50	Footprint of the Expanded West Antarctic Ice Sheet: Ice Stream History and Behavior. GSA Today, 2001, 11, 4.	1.1	48
51	Use of total grain-size distributions to define bed erosion and transport for poorly sorted sediment undergoing simulated bioturbation. Marine Geology, 1984, 57, 335-359.	0.9	47
52	Relative temporal stability of the Antarctic ice sheets during the late Neogene based on the minimum frequency of outer shelf grounding events. Earth and Planetary Science Letters, 2000, 182, 259-272.	1.8	46
53	Sedimentary facies associated with Antarctica's floating ice masses. Special Paper of the Geological Society of America, 1991, , 1-26.	0.5	43
54	Pliocene-pleistocene seismic stratigraphy of the Ross Sea: Evidence for multiple ice sheet grounding episodes. Antarctic Research Series, 1992, , 93-103.	0.2	43

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55	Seismic facies changes along a nearly continuous 24° latitudinal transect: the fjords of Chile and the northern Antarctic Peninsula. Marine Geology, 1997, 143, 103-123.	0.9	43
56	Evidence of similar probablility of intense hurricane strikes for the Gulf of Mexico over the late Holocene. Geology, 2010, 38, 511-514.	2.0	43
57	Timing and pathways of East Antarctic Ice Sheet retreat. Quaternary Science Reviews, 2020, 230, 106166.	1.4	43
58	Lower Cretaceous sediment from the East Antarctic continental shelf. Nature, 1980, 287, 625-626.	13.7	42
59	Retreat signature of a polar ice stream: sub-glacial geomorphic features and sediments from the Ross Sea, Antarctica. Geological Society Special Publication, 2002, 203, 277-304.	0.8	41
60	Identification of a â^'15 m Wisconsin shoreline on the Texas inner continental shelf. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 158, 25-43.	1.0	40
61	An ikaite record of late Holocene climate at the Antarctic Peninsula. Earth and Planetary Science Letters, 2012, 325-326, 108-115.	1.8	39
62	A new composite Holocene sea-level curve for the northern Gulf of Mexico. , 2008, , 1-11.		38
63	Meltwater intensive glacial retreat in polar environments and investigation of associated sediments: example from Pine Island Bay, West Antarctica. Quaternary Science Reviews, 2014, 85, 99-118.	1.4	38
64	Modern rates of glacial sediment accumulation along a 15° S-N transect in fjords from the Antarctic Peninsula to southern Chile. Journal of Geophysical Research F: Earth Surface, 2013, 118, 2072-2088.	1.0	37
65	Airborne radar sounding evidence for deformable sediments and outcropping bedrock beneath Thwaites Glacier, West Antarctica. Geophysical Research Letters, 2014, 41, 7200-7208.	1.5	37
66	Palaeohurricane reconstructions from sedimentary archives along the Gulf of Mexico, Caribbean Sea and western North Atlantic Ocean margins. Geological Society Special Publication, 2014, 388, 481-501.	0.8	36
67	Holocene reconfiguration and readvance of the East Antarctic Ice Sheet. Nature Communications, 2018, 9, 3176.	5.8	36
68	Quantifying rates of coastal subsidence since the last interglacial and the role of sediment loading. Global and Planetary Change, 2013, 111, 296-308.	1.6	34
69	Marine record of Holocene climate, ocean, and cryosphere interactions: Herbert Sound, James Ross Island, Antarctica. Quaternary Science Reviews, 2015, 129, 239-259.	1.4	34
70	Holocene foraminiferal assemblages from Firth of Tay, Antarctic Peninsula: Paleoclimate implications. Marine Micropaleontology, 2009, 73, 135-147.	0.5	33
71	Timescale dependence of glacial erosion rates: A case study of Marinelli Glacier, Cordillera Darwin, southern Patagonia. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	33
72	Seismic stratigraphy of McMurdo Sound, Antarctica: implications for glacially influenced early Cenozoic eustatic change?. Marine Geology, 1996, 130, 79-98.	0.9	32

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73	Revisiting marine isotope stage 3 and 5a (MIS3–5a) sea levels within the northwestern Gulf of Mexico. Global and Planetary Change, 2009, 66, 100-111.	1.6	31
74	Transgressive Ravinement versus Depth of Closure: A Geological Perspective from the Upper Texas Coast. Journal of Coastal Research, 2010, 26, 1057-1067.	0.1	31
75	Weddell Fan and associated abyssal plain, Antarctica: Morphology, sediment processes, and factors influencing sediment supply. Geo-Marine Letters, 1986, 6, 121-129.	0.5	30
76	Diagnosing ice sheet grounding line stability from landform morphology. Cryosphere, 2018, 12, 2707-2726.	1.5	29
77	Late Quaternary Glacial History of the South Orkney Plateau, Antarctica. Quaternary Research, 1990, 33, 265-275.	1.0	28
78	SEDIMENTATION ON THE ANTARCTIC CONTINENTAL SLOPE. , 1979, , 265-283.		28
79	Nearshore Glacial-Marine Deposition from Modern Sediments of the Weddell Sea. Nature: Physical Science, 1972, 240, 189-192.	0.8	27
80	Revealing the former bed of Thwaites Glacier using sea-floor bathymetry: implications for warm-water routing and bed controls on ice flow and buttressing. Cryosphere, 2020, 14, 2883-2908.	1.5	27
81	Contourite origin for shelf and upper slope sand sheet, offshore Antarctica. Sedimentology, 2004, 51, 699-711.	1.6	26
82	LGM ice sheet extent in the Weddell Sea: evidence for diachronous behavior of Antarctic Ice Sheets. Quaternary Science Reviews, 2012, 48, 20-31.	1.4	26
83	Bayhead deltas and shorelines: Insights from modern and ancient examples. Sedimentary Geology, 2018, 374, 17-35.	1.0	25
84	Seismic Record of Glacial Events Affecting the Pacific Margin of the Northwestern Antarctic Peninsula. Antarctic Research Series, 2013, , 75-95.	0.2	23
85	Seismic Record of Late Oligocene Through Miocene Glaciation on the Central and Eastern Continental Shelf of the Ross Sea. Antarctic Research Series, 0, , 235-260.	0.2	23
86	Distribution and Association of Sediment Gravity Flow Deposits and Glacial/Glacial-Marine Sediments Around the Continental Margin of Antarctica. , 1983, , 265-300.		23
87	Holocene oceanographic and glacial changes recorded in Maxwell Bay, West Antarctica. Marine Geology, 2012, 326-328, 67-79.	0.9	21
88	Latitudinal variation in glacial erosion rates from Patagonia and the Antarctic Peninsula (46°S–65°S). Bulletin of the Geological Society of America, 2016, 128, 1000-1023.	1.6	21
89	Oceanographic influences on the stability of the Cosgrove Ice Shelf, Antarctica. Holocene, 2017, 27, 1645-1658.	0.9	20
90	Evolution of the West Antarctic Ice Sheet. Antarctic Research Series, 0, , 45-57.	0.2	19

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91	Environmental connotations of benthic foraminiferal assemblages from coastal West Antarctica. Marine Micropaleontology, 2016, 124, 1-15.	0.5	19
92	Morphodynamic modeling of fluvial channel fill and avulsion time scales during early Holocene transgression, as substantiated by the incised valley stratigraphy of the Trinity River, Texas. Journal of Geophysical Research F: Earth Surface, 2017, 122, 215-234.	1.0	19
93	Postâ€LGM Groundingâ€Line Positions of the Bindschadler Paleo Ice Stream in the Ross Sea Embayment, Antarctica. Journal of Geophysical Research F: Earth Surface, 2017, 122, 1827-1844.	1.0	18
94	THE LATE QUATERNARY BRAZOS AND COLORADO DELTAS, OFFSHORE TEXAS, U.S.A.—THEIR EVOLUTION AND THE FACTORS THAT CONTROLLED THEIR DEPOSITION. , 2004, , 237-269.		17
95	Comment on Shaw J., Pugin, A. and Young, R. (2008): "A meltwater origin for Antarctic shelf bedforms with special attention to megalineationsâ€; Geomorphology 102, 364–375. Geomorphology, 2010, 117, 195-198.	1.1	16
96	The use of silt grain size parameters as a paleovelocity gauge: A critical review and case study. Geo-Marine Letters, 1985, 5, 55-59.	0.5	15
97	New insights on the post-rift seismic stratigraphic architecture and sedimentary evolution of the Antarctic Peninsula margin (Central Bransfield Basin). Marine Geology, 2008, 251, 167-182.	0.9	15
98	Foraminiferal Patterns in Deglacial Sediment in the Western Ross Sea, Antarctica: Life Near Grounding Lines. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003716.	1.3	15
99	Ice Sheet Stability and Sea-Level Rise. Science, 2007, 315, 1803-1804.	6.0	14
100	Late Holocene climate change recorded in proxy records from a Bransfield Basin sediment core, Antarctic Peninsula. Polar Research, 2014, 33, 17236.	1.6	13
101	SEDIMENTARY FACIES AND GENESIS OF HOLOCENE SAND BANKS ON THE EAST TEXAS INNER CONTINENTAL SHELF. , 1999, , 165-178.		13
102	Diatom assemblages from coastal settings of West Antarctica. Marine Micropaleontology, 2016, 125, 95-109.	0.5	12
103	Characteristics of the deforming bed: till properties on the deglaciated Antarctic continental shelf. Journal of Glaciology, 2018, 64, 1014-1027.	1.1	12
104	Follets Island: A Case of Unprecedented Change and Transition from Rollover to Subaqueous Shoals. , 2018, , 147-174.		12
105	Mechanisms controlling environmental change within an estuary: Corpus Christi Bay, Texas, USA. , 2008, , 121-146.		11
106	Seismic and geomorphic records of Antarctic Ice Sheet evolution in the Ross Sea and controlling factors in its behaviour. Geological Society Special Publication, 2019, 475, 223-240.	0.8	11
107	LATE QUATERNARY EVOLUTION OF THE WAVE–STORM-DOMINATED CENTRAL TEXAS SHELF. , 2004, , 271-287		11
108	Morphometry of bedrock meltwater channels on Antarctic inner continental shelves: Implications for channel development and subglacial hydrology. Geomorphology, 2020, 370, 107369.	1.1	10

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109	Natural versus anthropogenic mechanisms of erosion along the upper Texas coast. , 2009, , .		9
110	LATE QUATERNARY EVOLUTION OF THE RIO GRANDE DELTA: COMPLEX RESPONSE TO EUSTASY AND CLIMATE CHANGE. , 2004, , 289-306.		9
111	The bathymetry of the North Victoria Land continental margin. Marine Geodesy, 1983, 6, 139-147.	0.9	8
112	Suspended sediment transport, sedimentation, and resuspension in Lake Houston, Texas: Implications for water quality. Environmental Geology (New York), 1987, 10, 175-186.	0.3	8
113	The Holocene evolution of the Matagorda and Lavaca estuary complex, Texas, USA. , 2008, , 105-119.		8
114	Seismic Facies Investigation of the Late Quarternary Glacial History of Bransfield Basin, Antarctica. Antarctic Research Series, 0, , 123-140.	0.2	8
115	Holocene vegetation and climate evolution of Corpus Christi and Trinity bays: Implications on coastal Texas source-to-sink deposition. Geobios, 2018, 51, 123-135.	0.7	8
116	Sedimentary processes at ice sheet groundingâ€≢one wedges revealed by outcrops, Washington State (USA). Earth Surface Processes and Landforms, 2019, 44, 1209-1220.	1.2	8
117	Observations of Sediment–laden Icebergs in Antarctic Waters: Implications to Glacial Erosion and Transport. Journal of Glaciology, 1980, 25, 387-396.	1.1	8
118	Paleoceanographic implications of terrigenous deposits on the Maurice Ewing Bank, southwest Atlantic Ocean. Marine Geology, 1986, 71, 259-287.	0.9	7
119	Vegetation and Organic-Walled Phytoplankton at the End of the Antarctic Greenhouse World: Latest Eocene Cooling Events. Special Publications, 0, , 193-210.	0.0	7
120	Last Remnants of Cenozoic Vegetation and Organic-Walled Phytoplankton in the Antarctic Peninsula's Icehouse World. Special Publications, 0, , 167-192.	0.0	7
121	Breaching of Mustang Island in response to the 8.2 ka sea-level event and impact on Corpus Christi Bay, Gulf of Mexico: Implications for future coastal change. Holocene, 2018, 28, 166-172.	0.9	7
122	Geologic assessment of environmental impact in Lake Macatawa, Michigan. Environmental Geology, 1978, 2, 67-78.	1.2	6
123	Cenozoic Glacial History of the Northern Antarctic Peninsula: A Micromorphological Investigation of Quartz Sand Grains. Special Publications, 2013, , 153-165.	0.0	6
124	History of an Evolving Ice Sheet as Recorded in SHALDRIL Cores from the Northwestern Weddell Sea, Antarctica. Special Publications, 0, , 131-151.	0.0	6
125	Glaciomarine Deposits on the Continental Shelf of Ross Sea, Antarctica. , 1997, , 110-113.		5
126	Pore fluid modeling approach to identify recent meltwater signals on the west Antarctic Peninsula. Geochemistry, Geophysics, Geosystems, 2010, 11, .	1.0	4

#	Article	IF	CITATIONS
127	Oceanographic and climatic influences on Trooz Glacier, Antarctica during the Holocene. Quaternary Science Reviews, 2022, 276, 107279.	1.4	4
128	Constraints on Antarctic Ice Sheet configuration during and following the Last Glacial Maximum and its episodic contribution to sea-level rise. Geological Society Special Publication, 2013, 381, 215-232.	0.8	3
129	A Holocene Record of Flux of Alluvial Sediment Related To Climate: Case Studies From the Northern Gulf of Mexico. Journal of Sedimentary Research, 2017, 87, 780-794.	0.8	3
130	Holocene progradation and retrogradation of the Central Texas Coast regulated by alongshore and crossâ€shore sediment flux variability. Depositional Record, 2021, 7, 77-92.	0.8	3
131	Geology and hydrocarbon potential of the Antarctic continental margin. Antarctic Research Series, 1990, , 175-201.	0.2	1
132	A subglacial hydrologic drainage hypothesis for silt sorting and deposition during retreat in Pine Island Bay. Annals of Glaciology, 2019, 60, 14-20.	2.8	1
133	Grounding line processes of the southern Cordilleran Ice Sheet in the Puget Lowland. , 0, , .		1
134	Glacial Unconformities on the Antarctic Continental Margin, an Example from the Antarctic Peninsula. , 1997, , 43-45.		0
135	A Late Glacial Readvance Moraine in the Central Chilean Fjords. , 1997, , 94-95.		Ο