Raymond S Bradley

List of Publications by Year in descending order

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181 papers 19,529 citations

28736 57 h-index 135 g-index

202 all docs 202 docs citations

times ranked

202

17153 citing authors

#	Article	IF	CITATIONS
1	Prolonged drying trend coincident with the demise of Norse settlement in southern Greenland. Science Advances, 2022, 8, eabm4346.	4.7	20
2	Droughts and societal change: The environmental context for the emergence of Islam in late Antique Arabia. Science, 2022, 376, 1317-1321.	6.0	18
3	Development of an in situ branched GDGT calibration in Lake 578, southern Greenland. Organic Geochemistry, 2021, 152, 104168.	0.9	25
4	Late Quaternary Abrupt Climate Change in the Tropics and Subâ€Tropics: The Continental Signal of Tropical Hydroclimatic Events (THEs). Reviews of Geophysics, 2021, 59, e2020RG000732.	9.0	7
5	Little Ice Age abruptly triggered by intrusion of Atlantic waters into the Nordic Seas. Science Advances, 2021, 7, eabi8230.	4.7	15
6	Sedimentary DNA and molecular evidence for early human occupation of the Faroe Islands. Communications Earth & Environment, $2021, 2, .$	2.6	11
7	Elevationâ€dependent cooling caused by volcanic eruptions during the last millennium. International Journal of Climatology, 2020, 40, 3142-3149.	1.5	6
8	Annually resolved Atlantic sea surface temperature variability over the past 2,900 y. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27171-27178.	3.3	38
9	Arctic sea ice export as a driver of deglacial climate. Geology, 2020, 48, 395-399.	2.0	9
10	A Continuous Palynological Record of Forest Clearing at Rano Kao (Easter Island, SE Pacific) During the Last Millennium: Preliminary Report. Quaternary, 2019, 2, 22.	1.0	15
11	Is there evidence for a 4.2 ka BP event in the northern North Atlantic region?. Climate of the Past, 2019, 15, 1665-1676.	1.3	40
12	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. Quaternary Science Reviews, 2019, 222, 105875.	1.4	6
13	Holocene and Last Interglacial climate of the Faroe Islands from sedimentary plant wax hydrogen and carbon isotopes. Quaternary Science Reviews, 2019, 223, 105930.	1.4	17
14	Comparing the spatial patterns of climate change in the 9th and 5th millennia BP from TRACE-21 model simulations. Climate of the Past, 2019, 15, 41-52.	1.3	15
15	The Island of AmsterdamÃya: A key site for studying past climate in the Arctic Archipelago of Svalbard. Quaternary Science Reviews, 2018, 183, 157-163.	1.4	8
16	Alkenone-based reconstructions reveal four-phase Holocene temperature evolution for High Arctic Svalbard. Quaternary Science Reviews, 2018, 183, 204-213.	1.4	40
17	Holocene glacier activity reconstructed from proglacial lake Gjøavatnet on Amsterdamøya, NW Svalbard. Quaternary Science Reviews, 2018, 183, 188-203.	1.4	25
18	Holocene multi-proxy environmental reconstruction from lake Hakluytvatnet, AmsterdamÃ, ya Island, Svalbard (79.5°N). Quaternary Science Reviews, 2018, 183, 164-176.	1.4	14

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19	Different influences on the tropical Pacific SST gradient from natural and anthropogenic forcing. International Journal of Climatology, 2018, 38, 2015-2028.	1.5	10
20	A 900-year New England temperature reconstruction from in situ seasonally produced branched glycerol dialkyl glycerol tetraethers (brGDGTs). Climate of the Past, 2018, 14, 1653-1667.	1.3	36
21	Reconstructing Holocene Glacier and Climate Fluctuations From Lake Sediments in Vårfluesjøen, Northern Spitsbergen. Frontiers in Earth Science, 2018, 6, .	0.8	24
22	Toward mountains without permanent snow and ice. Earth's Future, 2017, 5, 418-435.	2.4	324
23	Local and regional wildfire activity in central Maine (USA) during the past 900Âyears. Journal of Paleolimnology, 2017, 58, 455-466.	0.8	21
24	Synchronous precipitation reduction in the American Tropics associated with Heinrich 2. Scientific Reports, 2017, 7, 11216.	1.6	19
25	Implications arising from models of solar irradiance: A reply to Summerhayes' comment on †The Medieval Quiet Period'. Holocene, 2017, 27, 317-318.	0.9	0
26	Influence of North Pacific decadal variability on the western Canadian Arctic over the past 700Âyears. Climate of the Past, 2017, 13, 411-420.	1.3	10
27	Rapid wastage of the Hazen Plateau ice caps, northeastern Ellesmere Island, Nunavut, Canada. Cryosphere, 2017, 11, 169-177.	1.5	8
28	Consequences of Global Warming of 1.5 \hat{A}° C and 2 \hat{A}° C for Regional Temperature and Precipitation Changes in the Contiguous United States. PLoS ONE, 2017, 12, e0168697.	1.1	178
29	Future Decreases in Freezing Days across North America. Journal of Climate, 2016, 29, 6923-6935.	1.2	8
30	Testing the "tropical storm―hypothesis of Yucatan Peninsula climate variability during the Maya Terminal Classic Period. Quaternary Research, 2016, 86, 111-119.	1.0	24
31	Glacier fluctuations during the past 2000 years. Quaternary Science Reviews, 2016, 149, 61-90.	1.4	162
32	GDGT distribution in a stratified lake and implications for the application of TEX86 in paleoenvironmental reconstructions. Scientific Reports, 2016, 6, 34465.	1.6	24
33	A high-resolution 1200-year lacustrine record of glacier and climate fluctuations in Lofoten, northern Norway. Holocene, 2016, 26, 917-934.	0.9	8
34	The Medieval Quiet Period. Holocene, 2016, 26, 990-993.	0.9	35
35	NAO and PNA influences on winter temperature and precipitation over the eastern United States in CMIP5 GCMs. Climate Dynamics, 2016, 46, 1257-1276.	1.7	58
35	NAO and PNA influences on winter temperature and precipitation over the eastern United States in CMIP5 GCMs. Climate Dynamics, 2016, 46, 1257-1276. Does phylogeny control <mml:math <="" altimg="sil gif" td="" xmlns:mml="http://www.w3.org/1998/Math/MathML"><td>1.7</td><td>58</td></mml:math>	1.7	58

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37	Holocene climate change in Arctic Canada and Greenland. Quaternary Science Reviews, 2016, 147, 340-364.	1.4	173
38	Climate change in the Northeast United States: An analysis of the NARCCAP multimodel simulations. Journal of Geophysical Research D: Atmospheres, 2015, 120, 10,569.	1.2	17
39	Snow occurrence changes over the central and eastern United States under future warming scenarios. Scientific Reports, 2015, 5, 17073.	1.6	38
40	Glacier response to North Atlantic climate variability during the Holocene. Climate of the Past, 2015, 11, 1587-1598.	1.3	44
41	Influence of eastern Pacific and central Pacific El Niño events on winter climate extremes over the eastern and central United States. International Journal of Climatology, 2015, 35, 4756-4770.	1.5	27
42	Holocene glacier fluctuations. Quaternary Science Reviews, 2015, 111, 9-34.	1.4	294
43	Arctic Holocene glacier fluctuations reconstructed from lake sediments at MitrahalvÃ,ya, Spitsbergen. Quaternary Science Reviews, 2015, 109, 111-125.	1.4	61
44	Projected Changes in Climate Extremes over the Northeastern United States. Journal of Climate, 2015, 28, 3289-3310.	1.2	108
45	Investigating the Use of Scanning X-Ray Fluorescence to Locate Cryptotephra in Minerogenic Lacustrine Sediment: Experimental Results. Developments in Paleoenvironmental Research, 2015, , 305-324.	7. 5	8
46	Reconstruction of glacier variability from lake sediments reveals dynamic Holocene climate in Svalbard. Quaternary Science Reviews, 2015, 126, 201-218.	1.4	80
47	Marine Sediments. , 2015, , 195-277.		0
48	Ice Cores. , 2015, , 137-194.		1
49	Dating Methods II. , 2015, , 103-136.		0
50	Climate and Climatic Variation. , 2015, , 13-54.		1
51	Paleoclimatic Reconstruction. , 2015, , 1-11.		6
52	Historical Documents., 2015,, 517-552.		0
53	Corals. , 2015, , 499-516.		1
54	Insects and Other Biological Evidence from Continental Regions. , 2015, , 377-404.		0

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55	Lake Sediments. , 2015, , 319-343.		3
56	Tree Rings. , 2015, , 453-497.		0
57	Winter Climate Extremes over the Northeastern United States and Southeastern Canada and Teleconnections with Large-Scale Modes of Climate Variability*. Journal of Climate, 2015, 28, 2475-2493.	1.2	71
58	Winter precipitation variability and corresponding teleconnections over the northeastern United States. Journal of Geophysical Research D: Atmospheres, 2014, 119, 7931-7945.	1.2	47
59	Locating cryptotephra in lake sediments using fluid imaging technology. Journal of Paleolimnology, 2014, 52, 257-264.	0.8	11
60	Climate change in the northeastern US: regional climate model validation and climate change projections. Climate Dynamics, 2014, 43, 145-161.	1.7	35
61	Climatic Changes in Mountain Regions of the American Cordillera and the Tropics: Historical Changes and Future Outlook. Arctic, Antarctic, and Alpine Research, 2014, 46, 735-743.	0.4	47
62	Biogeochemical evidence for hydrologic changes during the Holocene in a lake sediment record from southeast Greenland. Holocene, 2013, 23, 1428-1439.	0.9	35
63	Climate impacts on human settlement and agricultural activities in northern Norway revealed through sediment biogeochemistry. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20332-20337.	3.3	100
64	Evaluating Holocene climate change in northern Norway using sediment records from two contrasting lake systems. Journal of Paleolimnology, 2012, 48, 259-273.	0.8	44
65	Proxy-to-proxy calibration: Increasing the temporal resolution of quantitative climate reconstructions. Scientific Reports, 2012, 2, 609.	1.6	18
66	Distal cryptotephra found in a Viking boathouse: the potential for tephrochronology in reconstructing the Iron Age in Norway. Journal of Archaeological Science, 2011, 38, 934-941.	1.2	21
67	A multi-proxy approach to assessing isolation basin stratigraphy from the Lofoten Islands, Norway. Quaternary Research, 2011, 75, 288-300.	1.0	56
68	Climate change in Central America and Mexico: regional climate model validation and climate change projections. Climate Dynamics, 2011, 37, 605-629.	1.7	169
69	Multiple Effects of Changes in Arctic Snow Cover. Ambio, 2011, 40, 32-45.	2.8	169
70	High-Resolution Paleoclimatology. Developments in Paleoenvironmental Research, 2011, , 3-15.	7.5	10
71	An automated system for the statistical analysis of sediment texture and structure at the micro scale. Computers and Geosciences, 2010, 36, 1374-1383.	2.0	10
72	Changes in Extreme Climate Indices for the Northeastern United States, 1870–2005. Journal of Climate, 2010, 23, 6555-6572.	1.2	107

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73	An Analysis of Past and Future Changes in the Ice Cover of Two High-Arctic Lakes Based on Synthetic Aperture Radar (SAR) and Landsat Imagery. Arctic, Antarctic, and Alpine Research, 2010, 42, 9-18.	0.4	20
74	Reply to McIntyre and McKitrick: Proxy-based temperature reconstructions are robust. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, .	3.3	4
75	Diatom and stable isotope records of late-Holocene lake ontogeny at Indrepollen, Lofoten, NW Norway: a response to glacio-isostasy and Neoglacial cooling. Holocene, 2009, 19, 261-271.	0.9	11
76	Quantitative assessment of precipitation seasonality and summer surface wetness using ombrotrophic sediments from an Arctic Norwegian peatland. Quaternary Research, 2009, 72, 443-451.	1.0	91
77	Recent occurrence of large j $ ilde{A}$ ¶kulhlaups at Lake Tuborg, Ellesmere Island, Nunavut. Journal of Paleolimnology, 2009, 41, 491-506.	0.8	8
78	Five thousand years of sediment transfer in a high arctic watershed recorded in annually laminated sediments from Lower Murray Lake, Ellesmere Island, Nunavut, Canada. Journal of Paleolimnology, 2009, 41, 77-94.	0.8	62
79	Global Signatures and Dynamical Origins of the Little Ice Age and Medieval Climate Anomaly. Science, 2009, 326, 1256-1260.	6.0	1,894
80	Recent changes in freezing level heights in the Tropics with implications for the deglacierization of high mountain regions. Geophysical Research Letters, 2009, 36, .	1.5	137
81	Recent Warming Reverses Long-Term Arctic Cooling. Science, 2009, 325, 1236-1239.	6.0	585
82	Limnological and sedimentary processes at Sawtooth Lake, Canadian High Arctic, and their influence on varve formation. Journal of Paleolimnology, 2008, 40, 963-985.	0.8	45
83	The Younger Dryas and the Sea of Ancient Ice. Quaternary Research, 2008, 70, 1-10.	1.0	97
84	Climate change and tropical Andean glaciers: Past, present and future. Earth-Science Reviews, 2008, 89, 79-96.	4.0	552
85	Evidence for a widespread climatic anomaly at around 9.2 ka before present. Paleoceanography, 2008, 23, .	3.0	145
86	A 1,000â€year, annuallyâ€resolved record of hurricane activity from Boston, Massachusetts. Geophysical Research Letters, 2008, 35, .	1.5	49
87	Proxy-based reconstructions of hemispheric and global surface temperature variations over the past two millennia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13252-13257.	3.3	1,035
88	A record of climate over the last millennium based on varved lake sediments from the Canadian High Arctic. Holocene, 2008, 18, 169-180.	0.9	44
89	Variations of Twentieth-Century Temperature and Precipitation Extreme Indicators in the Northeast United States. Journal of Climate, 2007, 20, 5401-5417.	1.2	136
90	Limnology, sedimentology, and hydrology of a jökulhlaup into a meromictic High Arctic lake. Canadian Journal of Earth Sciences, 2007, 44, 791-806.	0.6	12

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91	Economic impacts of rapid glacier retreat in the Andes. Eos, 2007, 88, 261-264.	0.1	157
92	CLIMATE CHANGE: Threats to Water Supplies in the Tropical Andes. Science, 2006, 312, 1755-1756.	6.0	573
93	The impact of climate change in the American cordillera. Eos, 2006, 87, 315.	0.1	7
94	Holocene hydrologic balance of tropical South America from oxygen isotopes of lake sediment opal, Venezuelan Andes. Earth and Planetary Science Letters, 2006, 242, 375-389.	1.8	24
95	Authors were clear about hockey-stick uncertainties. Nature, 2006, 442, 627-627.	13.7	1
96	Using paleoclimate proxy-data to select optimal realisations in an ensemble of simulations of the climate of the past millennium. Climate Dynamics, 2006, 27, 165-184.	1.7	97
97	15,000-yr Pollen Record of Vegetation change in the High Altitude Tropical Andes at Laguna Verde Alta, Venezuela. Quaternary Research, 2005, 64, 308-317.	1.0	32
98	An Extreme Sediment Transfer Event in a Canadian High Arctic Stream. Arctic, Antarctic, and Alpine Research, 2005, 37, 477-482.	0.4	38
99	A Holocene tephra record from the Lofoten Islands, Arctic Norway. Boreas, 2005, 34, 136-156.	1.2	95
100	Internal and forced climate variability during the last millennium: a model-data comparison using ensemble simulations. Quaternary Science Reviews, 2005, 24, 1345-1360.	1.4	172
101	Multidecadal North Atlantic climate variability and its effect on North American salmon abundance. Geophysical Research Letters, 2005, 32, .	1.5	30
102	A 300 year record of environmental change from Lake Tuborg, Ellesmere Island, Nunavut, Canada. Journal of Paleolimnology, 2004, 32, 137-148.	0.8	40
103	Modern glacier retreat on Kilimanjaro as evidence of climate change: observations and facts. International Journal of Climatology, 2004, 24, 329-339.	1.5	143
104	Reply to comment by N. D. Marsh and H. Svensmark on "Solar influences on cosmic rays and cloud formation: A reassessment― Journal of Geophysical Research, 2004, 109, .	3.3	34
105	Projected temperature changes along the American cordillera and the planned GCOS network. Geophysical Research Letters, 2004, 31, .	1.5	146
106	Surface mass balance of the Ward Hunt Ice Rise and Ward Hunt Ice Shelf, Ellesmere Island, Nunavut, Canada. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	19
107	CLIMATE CHANGE: Climate in Medieval Time. Science, 2003, 302, 404-405.	6.0	350
108	20th Century Climate Change in the Tropical Andes: Observations and Model Results. Climatic Change, 2003, 59, 75-99.	1.7	252

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109	Title is missing!. Climatic Change, 2003, 59, 33-52.	1.7	95
110	Optimal surface temperature reconstructions using terrestrial borehole data. Journal of Geophysical Research, 2003, 108, .	3. 3	58
111	Response "[to Comment on  On past temperatures and anomalous late-20th-century warmth'â€]. Eos, 2003, 84, 473.	0.1	6
112	Rapid Lacustrine Response to Recent High Arctic Warming: A Diatom Record from Sawtooth Lake, Ellesmere Island, Nunavut. Arctic, Antarctic, and Alpine Research, 2003, 35, 271-278.	0.4	64
113	20th Century Climate Change in the Tropical Andes: Observations and Model Results. Advances in Global Change Research, 2003, , 75-99.	1.6	71
114	Solar influences on cosmic rays and cloud formation: A reassessment. Journal of Geophysical Research, 2002, 107, AAC 5-1.	3.3	87
115	Paleoclimate studies of minerogenic sediments using annually resolved textural parameters. Geophysical Research Letters, 2002, 29, 59-1-59-4.	1.5	55
116	Recent changes in wind chill temperatures at high latitudes in North America. Geophysical Research Letters, 2002, 29, 4-1-4-4.	1.5	16
117	Climate Change â€" Past, Present and Future: A Personal Perspective. Global Change - the IGBP Series, 2002, , 109-112.	2.1	2
118	Reconstructing late Holocene climate. Eos, 2001, 82, 553-553.	0.1	4
119	Recent recession of a small plateau ice cap, Ellesmere Island, Canada. Journal of Glaciology, 2001, 47, 154-154.	1.1	5
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122	The Scope of Medieval Warming. Science, 2001, 292, 2011b-2012.	6.0	30
123	Temporal Changes in the Observed Relationship between Cloud Cover and Surface Air Temperature. Journal of Climate, 2000, 13, 4341-4357.	1.2	68
124	The Relationship of Cloud Cover to Near-Surface Temperature and Humidity: Comparison of GCM Simulations with Empirical Data. Journal of Climate, 2000, 13, 1858-1878.	1.2	48
125	commentary and analysis: Comments on "Detection and Attribution of Recent Climate Change: A Status Report". Bulletin of the American Meteorological Society, 2000, 81, 2987-2992.	1.7	9
126	Streamflow and Suspended Sediment Transfer to Lake Sophia, Cornwallis Island, Nunavut, Canada. Arctic, Antarctic, and Alpine Research, 2000, 32, 456.	0.4	29

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127	Streamflow and Suspended Sediment Transfer to Lake Sophia, Cornwallis Island, Nunavut, Canada. Arctic, Antarctic, and Alpine Research, 2000, 32, 456-465.	0.4	25
128	Past global changes and their significance for the future. Quaternary Science Reviews, 2000, 19, 391-402.	1.4	107
129	Interannual climate variability in the Central Andes and its relation to tropical Pacific and Atlantic forcing. Journal of Geophysical Research, 2000, 105, 12447-12460.	3.3	258
130	Global Temperature Patterns in Past Centuries: An Interactive Presentation. Earth Interactions, 2000, 4, 1-1.	0.7	604
131	Climate Variability in the Andes of Ecuador and Its Relation to Tropical Pacific and Atlantic Sea Surface Temperature Anomalies. Journal of Climate, 2000, 13, 2520-2535.	1.2	213
132	Mean annual temperature trends and their vertical structure in the tropical Andes. Geophysical Research Letters, 2000, 27, 3885-3888.	1.5	252
133	Northern hemisphere temperatures during the past millennium: Inferences, uncertainties, and limitations. Geophysical Research Letters, 1999, 26, 759-762.	1.5	1,511
134	Global-scale temperature patterns and climate forcing over the past six centuries. Nature, 1998, 392, 779-787.	13.7	1,607
135	Atmospheric circulation anomalies associated with 1996/1997 summer precipitation events on Sajama Ice Cap, Bolivia. Journal of Geophysical Research, 1998, 103, 11191-11204.	3.3	92
136	Annual and Daily Meteorological Cycles at High Altitude on a Tropical Mountain. Bulletin of the American Meteorological Society, 1998, 79, 1899-1913.	1.7	90
137	Global Temperature Patterns. Science, 1998, 280, 2027e-2027.	6.0	13
138	Assessing Surface–Atmosphere Interactions Using Former Soviet Union Standard Meteorological Network Data. Part II: Cloud and Snow Cover Effects. Journal of Climate, 1997, 10, 2184-2199.	1.2	11
139	TEMPERATURE VARIATIONS DURING THE LAST CENTURY AT HIGH ELEVATION SITES. Climatic Change, 1997, 36, 253-279.	1.7	243
140	The Taconite Inlet Lakes Project: a systems approach to paleoclimatic reconstruction. Journal of Paleolimnology, 1996, 16, 97.	0.8	52
141	The climatic signal in varved sediments from Lake C2, northern Ellesmere Island, Canada. Journal of Paleolimnology, 1996, 16, 227.	0.8	73
142	A late Holocene varved sediment record of environmental change from northern Ellesmere Island, Canada. Journal of Paleolimnology, 1996, 16, 239.	0.8	90
143	Estimates of low frequency natural variabilit in near-surface air temperature. Holocene, 1996, 6, 255-263.	0.9	52
144	Are there optimum sites for global paleotemperature reconstruction?. , 1996, , 603-624.		35

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145	Reconstruction of solar irradiance since 1610: Implications for climate change. Geophysical Research Letters, 1995, 22, 3195-3198.	1.5	943
146	A Computer-based Atlas of Global Instrumental Climate Data. Bulletin of the American Meteorological Society, 1994, 75, 35-41.	1.7	3
147	High-resolution paleoclimate records from monsoon Asia. Eos, 1993, 74, 601.	0.1	7
148	Recent changes in the North American Arctic boundary layer in winter. Journal of Geophysical Research, 1993, 98, 8851-8858.	3.3	69
149	'Little Ice Age' summer temperature variations: their nature and relevance to recent global warming trends. Holocene, 1993, 3, 367-376.	0.9	663
150	Climatology of surfaceâ€based inversions in the North American Arctic. Journal of Geophysical Research, 1992, 97, 15699-15712.	3.3	106
151	Holocene paleoclimatology of the Queen Elizabeth Islands, Canadian High Arctic. Quaternary Science Reviews, 1990, 9, 365-384.	1.4	125
152	Characteristics of sediments in an altitudinal sequence of lakes in the Venezuela andes: Climatic implications. Journal of South American Earth Sciences, 1990, 3, 113-124.	0.6	6
153	Climate: History, Periodicity & Predictability. Edited by Michael R. Rampino, John E. Sanders, Walker S. Newman, and L. K. Konigsson. Van Nostrand-Reinhold, New York, 1987, 588 pp., \$67.95. Quaternary Research, 1989, 31, 113-113.	1.0	0
154	Events in China. Nature, 1989, 340, 336-336.	13.7	1
155	The recent climate record: What it can and cannot tell us. Reviews of Geophysics, 1989, 27, 405-430.	9.0	87
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