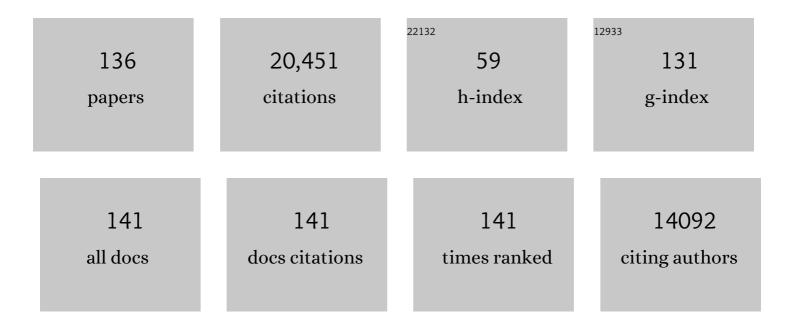
Janice Lough

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Marginal Reefs Under Stress: Physiological Limits Render Galápagos Corals Susceptible to Ocean Acidification and Thermal Stress. AGU Advances, 2022, 3, .	2.3	5
2	SURFACE OCEAN RADIOCARBON FROM A PORITES CORAL RECORD IN THE GREAT BARRIER REEF: 1945–2017. Radiocarbon, 2021, 63, 1193-1203.	0.8	6
3	Impacts of Coral Growth on Geochemistry: Lessons From the Galápagos Islands. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004051.	1.3	12
4	Assessing multiproxy approaches (Sr/Ca, U/Ca, Li/Mg, and B/Mg) to reconstruct sea surface temperature from coral skeletons throughout the Great Barrier Reef. Science of the Total Environment, 2021, 786, 147393.	3.9	4
5	Growth responses of branching versus massive corals to ocean warming on the Great Barrier Reef, Australia. Science of the Total Environment, 2020, 705, 135908.	3.9	9
6	Can coral skeletal-bound nitrogen isotopes be used as a proxy for past bleaching?. Biogeochemistry, 2020, 151, 31-41.	1.7	2
7	Coral skeletons reveal the history of nitrogen cycling in the coastal Great Barrier Reef. Nature Communications, 2020, 11, 1500.	5.8	20
8	Impacts of Climate Change on Marine Resources in the Pacific Island Region. Springer Climate, 2020, , 359-402.	0.3	6
9	Commentary: Reconstructing Four Centuries of Temperature-Induced Coral Bleaching on the Great Barrier Reef. Frontiers in Marine Science, 2019, 6, .	1.2	6
10	Coral-based high-resolution rare earth element proxy for terrestrial sediment discharge affecting coastal seawater quality, Great Barrier Reef. Geochimica Et Cosmochimica Acta, 2019, 254, 173-191.	1.6	18
11	Multi-trace-element sea surface temperature coral reconstruction for the southern Mozambique Channel reveals teleconnections with the tropical Atlantic. Biogeosciences, 2019, 16, 695-712.	1.3	12
12	Has Nitrogen Supply to Coral Reefs in the South Pacific Ocean Changed Over the Past 50 Thousand Years?. Paleoceanography and Paleoclimatology, 2019, 34, 567-579.	1.3	6
13	Australia's Great Barrier Reef. , 2019, , 333-362.		0
14	Linking climate variability and growth in coral skeletal records from the Great Barrier Reef. Coral Reefs, 2019, 38, 29-43.	0.9	8
15	Long-term growth trends of massive Porites corals across a latitudinal gradient in the Indo-Pacific. Marine Ecology - Progress Series, 2019, 626, 69-82.	0.9	2
16	Increasing thermal stress for tropical coral reefs: 1871–2017. Scientific Reports, 2018, 8, 6079.	1.6	182
17	Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. Science, 2018, 359, 80-83.	6.0	1,515
18	Temporal and taxonomic contrasts in coral growth at Davies Reef, central Great Barrier Reef, Australia. Coral Reefs, 2018, 37, 409-421.	0.9	5

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19	A critical evaluation of coral Ba/Ca, Mn/Ca and Y/Ca ratios as indicators of terrestrial input: New data from the Great Barrier Reef, Australia. Geochimica Et Cosmochimica Acta, 2018, 237, 131-154.	1.6	31
20	Introduction: Coral Bleaching–Patterns, Processes, Causes and Consequences. Ecological Studies, 2018, , 1-8.	0.4	2
21	Synthesis: Coral Bleaching: Patterns, Processes, Causes and Consequences. Ecological Studies, 2018, , 343-348.	0.4	18
22	Coral Skeletons Record Increasing Agricultureâ€Related Groundwater Nitrogen Inputs to a South Pacific Reef Over the Past Century. Geophysical Research Letters, 2018, 45, 8370-8378.	1.5	19
23	Climate Variability and Change: Monitoring Data and Evidence for Increased Coral Bleaching Stress. Ecological Studies, 2018, , 51-84.	0.4	4
24	Coral reefs in the Anthropocene. Nature, 2017, 546, 82-90.	13.7	1,329
25	Use of skeletal Sr/Ca ratios to determine growth patterns in a branching coral Isopora palifera. Marine Biology, 2017, 164, 1.	0.7	7
26	Global warming and recurrent mass bleaching of corals. Nature, 2017, 543, 373-377.	13.7	2,363
27	Reply to Comment on â€~Drought variability in the eastern Australia and New Zealand summer drought atlas (ANZDA, CE 1500–2012) modulated by the Interdecadal Pacific Oscillation'. Environmental Research Letters, 2017, 12, 068002.	2.2	0
28	Presence of skeletal banding in a reef-building tropical crustose coralline alga. PLoS ONE, 2017, 12, e0185124.	1.1	6
29	Low Florida coral calcification rates in the Plio-Pleistocene. Biogeosciences, 2016, 13, 4513-4532.	1.3	1
30	Evidence for climateâ€driven synchrony of marine and terrestrial ecosystems in northwest Australia. Global Change Biology, 2016, 22, 2776-2786.	4.2	30
31	The Coral Trait Database, a curated database of trait information for coral species from the global oceans. Scientific Data, 2016, 3, 160017.	2.4	189
32	Ocean acidification: Linking science to management solutions using the Great Barrier Reef as a case study. Journal of Environmental Management, 2016, 182, 641-650.	3.8	22
33	Evidence of reduced midâ€Holocene ENSO variance on the Great Barrier Reef, Australia. Paleoceanography, 2016, 31, 1248-1260.	3.0	15
34	Luminescence and density banding patterns in massive <i>Porites</i> corals around the Thai-Malay Peninsula, Southeast Asia. Limnology and Oceanography, 2016, 61, 2003-2026.	1.6	19
35	The paleoclimate context and future trajectory of extreme summer hydroclimate in eastern Australia. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12820-12838.	1.2	24
36	Environmental drivers of growth in massive <i>Porites</i> corals over 16 degrees of latitude along Australia's northwest shelf. Limnology and Oceanography, 2016, 61, 684-700.	1.6	23

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37	Turning back time. Nature, 2016, 531, 314-315.	13.7	8
38	Variations in massive Porites growth rates at Hainan Island, northern South China Sea. Marine Ecology - Progress Series, 2016, 546, 47-60.	0.9	9
39	Coral record of southeast Indian Ocean marine heatwaves with intensified Western Pacific temperature gradient. Nature Communications, 2015, 6, 8562.	5.8	62
40	Drought variability in the eastern Australia and New Zealand summer drought atlas (ANZDA, CE) Tj ETQq0 0 0 rgB 124002.	T /Overloo 2.2	ck 10 Tf 50 6 121
41	Modelling coral calcification accounting for the impacts of coral bleaching and ocean acidification. Biogeosciences, 2015, 12, 2607-2630.	1.3	18
42	Freshwater impacts in the central Great Barrier Reef: 1648–2011. Coral Reefs, 2015, 34, 739-751.	0.9	67
43	Surviving Coral Bleaching Events: Porites Growth Anomalies on the Great Barrier Reef. PLoS ONE, 2014, 9, e88720.	1.1	114
44	Evidence for suppressed mid-Holocene northeastern Australian monsoon variability from coral luminescence. Paleoceanography, 2014, 29, 581-594.	3.0	16
45	Corals record long-term Leeuwin current variability including Ningaloo Niño/Niña since 1795. Nature Communications, 2014, 5, 3607.	5.8	89
46	Perspectives on Massive Coral Growth Rates in a Changing Ocean. Biological Bulletin, 2014, 226, 187-202.	0.7	77
47	Yes — Coral calcification rates have decreased in the last twenty-five years!. Marine Geology, 2013, 346, 400-402.	0.9	26
48	The influence of temperature and vital effects on magnesium isotope variability in Porites and Astrangia corals. Chemical Geology, 2013, 360-361, 105-117.	1.4	16
49	Mixed responses of tropical Pacific fisheries and aquaculture to climate change. Nature Climate Change, 2013, 3, 591-599.	8.1	251
50	Growth of Western Australian Corals in the Anthropocene. Science, 2012, 335, 593-596.	6.0	130
51	Climate variability of the Great Barrier Reef in relation to the tropical Pacific and El Niño-Southern Oscillation. Marine and Freshwater Research, 2012, 63, 34.	0.7	20
52	Spatial variability of initial 230Th/232Th in modern Porites from the inshore region of the Great Barrier Reef. Geochimica Et Cosmochimica Acta, 2012, 78, 99-118.	1.6	53
53	Pharmacokinetic modelling of multi-decadal luminescence time series in coral skeletons. Geochimica Et Cosmochimica Acta, 2012, 83, 263-271.	1.6	11
54	Assessing amino acid racemization variability in coral intra-crystalline protein for geochronological applications. Geochimica Et Cosmochimica Acta, 2012, 86, 338-353.	1.6	56

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55	Small change, big difference: Sea surface temperature distributions for tropical coral reef ecosystems, $1950\hat{a}\in$ 2011. Journal of Geophysical Research, 2012, 117, .	3.3	60
56	Carbonate clumped isotope variability in shallow water corals: Temperature dependence and growth-related vital effects. Geochimica Et Cosmochimica Acta, 2012, 99, 224-242.	1.6	120
57	An assessment of an environmental gradient using coral geochemical records, Whitsunday Islands, Great Barrier Reef, Australia. Marine Pollution Bulletin, 2012, 65, 306-319.	2.3	36
58	Development of an inshore fringing coral reef using textural, compositional and stratigraphic data from Magnetic Island, Great Barrier Reef, Australia. Marine Geology, 2012, 299-302, 18-32.	0.9	23
59	Losers and winners in coral reefs acclimatized to elevated carbon dioxide concentrations. Nature Climate Change, 2011, 1, 165-169.	8.1	856
60	Great Barrier Reef coral luminescence reveals rainfall variability over northeastern Australia since the 17th century. Paleoceanography, 2011, 26, .	3.0	74
61	Observed climate change in Australian marine and freshwater environments. Marine and Freshwater Research, 2011, 62, 984.	0.7	115
62	New insights from coral growth band studies in an era of rapid environmental change. Earth-Science Reviews, 2011, 108, 170-184.	4.0	138
63	Measured coral luminescence as a freshwater proxy: comparison with visual indices and a potential age artefact. Coral Reefs, 2011, 30, 169-182.	0.9	35
64	Projected climate change in Australian marine and freshwater environments. Marine and Freshwater Research, 2011, 62, 1000.	0.7	242
65	Climate Change and Coral Reefs. Encyclopedia of Earth Sciences Series, 2011, , 198-210.	0.1	4
66	Climate records from corals. Wiley Interdisciplinary Reviews: Climate Change, 2010, 1, 318-331.	3.6	90
67	The coral reef crisis: The critical importance of<350ppm CO2. Marine Pollution Bulletin, 2009, 58, 1428-1436.	2.3	367
68	Climate change and coral reef connectivity. Coral Reefs, 2009, 28, 379-395.	0.9	242
69	High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. Holocene, 2009, 19, 3-49.	0.9	588
70	Declining Coral Calcification on the Great Barrier Reef. Science, 2009, 323, 116-119.	6.0	567
71	Introduction: Coral Bleaching $\hat{a} \in$ "Patterns, Processes, Causes and Consequences. Ecological Studies, 2009, , 1-5.	0.4	14
72	Climate Variability and Change: Monitoring Data and Evidence for Increased Coral Bleaching Stress. Ecological Studies, 2009, , 41-67.	0.4	90

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73	A changing climate: evidence and consequences. Microbiology Australia, 2009, 30, 58.	0.1	0
74	Declining coral calcification in massive <i>Porites</i> in two nearshore regions of the northern Great Barrier Reef. Global Change Biology, 2008, 14, 529-538.	4.2	222
75	Potential role of the ocean thermostat in determining regional differences in coral reef bleaching events. Geophysical Research Letters, 2008, 35, .	1.5	108
76	Shifting climate zones for Australia's tropical marine ecosystems. Geophysical Research Letters, 2008, 35, .	1.5	66
77	10th Anniversary Review: a changing climate for coral reefs. Journal of Environmental Monitoring, 2008, 10, 21-29.	2.1	62
78	Coral calcification from skeletal records revisited. Marine Ecology - Progress Series, 2008, 373, 257-264.	0.9	106
79	A multi-trace element coral record of land-use changes in the Burdekin River catchment, NE Australia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 246, 471-487.	1.0	122
80	Interdecadal climate variability in the Coral Sea since 1708 A.D Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 248, 190-201.	1.0	47
81	Tropical river flow and rainfall reconstructions from coral luminescence: Great Barrier Reef, Australia. Paleoceanography, 2007, 22, .	3.0	113
82	Impact of skeletal dissolution and secondary aragonite on trace element and isotopic climate proxies in <i>Porites</i> corals. Paleoceanography, 2007, 22, .	3.0	86
83	Growth and luminescence characteristics in skeletons of massive Porites from a depth gradient in the central Great Barrier Reef. Journal of Experimental Marine Biology and Ecology, 2007, 351, 27-36.	0.7	32
84	Coral growth bands: A new and easy to use paleothermometer in paleoenvironment analysis and paleoceanography (late Miocene, Greece). Paleoceanography, 2006, 21, .	3.0	27
85	Trace analysis of hydrocarbons in coral cores from Saudi Arabia. Organic Geochemistry, 2006, 37, 1913-1930.	0.9	25
86	Preindustrial to Modern Interdecadal Variability in Coral Reef pH. Science, 2005, 309, 2204-2207.	6.0	186
87	Temporal variation of light availability in coastal benthic habitats: Effects of clouds, turbidity, and tides. Limnology and Oceanography, 2004, 49, 2201-2211.	1.6	158
88	Effect of early marine diagenesis on coral reconstructions of surface-ocean13C/12C and carbonate saturation state. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	1.9	21
89	A strategy to improve the contribution of coral data to high-resolution paleoclimatology. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 204, 115-143.	1.0	122
90	Historical mortality in massive Porites from the central Great Barrier Reef, Australia: evidence for past environmental stress?. Coral Reefs, 2003, 22, 207-215.	0.9	37

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91	Measurement of luminescence in coral skeletons. Journal of Experimental Marine Biology and Ecology, 2003, 295, 91-106.	0.7	33
92	Coral record of increased sediment flux to the inner Great Barrier Reef since European settlement. Nature, 2003, 421, 727-730.	13.7	610
93	Climate Change, Human Impacts, and the Resilience of Coral Reefs. Science, 2003, 301, 929-933.	6.0	3,124
94	Chronological control of coral records using luminescent lines and evidence for non-stationary ENSO teleconnections in northeast Australia. Holocene, 2003, 13, 187-199.	0.9	124
95	Abrupt Decrease in Tropical Pacific Sea Surface Salinity at End of Little Ice Age. Science, 2002, 295, 1511-1514.	6.0	274
96	Luminescent lines in corals from the Great Barrier Reef provide spatial and temporal records of reefs affected by land runoff. Coral Reefs, 2002, 21, 333-343.	0.9	67
97	Variability in the El Nino-Southern Oscillation Through a Glacial-Interglacial Cycle. Science, 2001, 291, 1511-1517.	6.0	833
98	Environmental controls on growth of the massive coral Porites. Journal of Experimental Marine Biology and Ecology, 2000, 245, 225-243.	0.7	486
99	Effect of intraband variability on stable isotope and density time series obtained from banded corals. Journal of Earth System Science, 2000, 109, 145-151.	0.6	0
100	1997-98: Unprecedented thermal stress to coral reefs?. Geophysical Research Letters, 2000, 27, 3901-3904.	1.5	97
101	Climate Variability and Change on the Great Barrier Reef. , 2000, , 269-300.		5
102	Changes in Climate Extremes Over the Australian Region and New Zealand During the Twentieth Century. Climatic Change, 1999, 42, 183-202.	1.7	216
103	Porites growth characteristics in a changed environment: Misima Island, Papua New Guinea. Coral Reefs, 1999, 18, 213-218.	0.9	63
104	Changes in Climate Extremes Over the Australian Region and New Zealand During the Twentieth Century. , 1999, , 183-202.		21
105	Coastal climate of northwest Australia and comparisons with the Great Barrier Reef: 1960 to 1992. Coral Reefs, 1998, 17, 351-367.	0.9	46
106	Palaeohydrological variation in a tropical river catchment: a reconstruction using fluorescent bands in corals of the Great Barrier Reef, Australia. Holocene, 1998, 8, 1-8.	0.9	128
107	Several centuries of variation in skeletal extension, density and calcification in massive Porites colonies from the Great Barrier Reef: A proxy for seawater temperature and a background of variability against which to identify unnatural change. Journal of Experimental Marine Biology and Ecology, 1997, 211, 29-67.	0.7	192
108	REGIONAL INDICES OF CLIMATE VARIATION: TEMPERATURE AND RAINFALL IN QUEENSLAND, AUSTRALIA. International Journal of Climatology, 1997, 17, 55-66.	1.5	44

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109	Coral skeletons: storage and recovery of environmental information. Global Change Biology, 1996, 2, 569-582.	4.2	62
110	The potential of massive corals for the study of high-resolution climate variation in the past millennium. , 1996, , 355-371.		11
111	Temperature variations in a tropical-subtropical environment: Queensland, Australia, 1910–1987. International Journal of Climatology, 1995, 15, 77-95.	1.5	23
112	On the inclusion of trace materials into massive coral skeletons. 1. Materials occurring in the environment in short pulses. Journal of Experimental Marine Biology and Ecology, 1995, 185, 255-278.	0.7	43
113	On the inclusion of trace materials into massive coral skeletons. Part II: distortions in skeletal records of annual climate cycles due to growth processes. Journal of Experimental Marine Biology and Ecology, 1995, 194, 251-275.	0.7	67
114	Climate variation and El Ni�o-Southern Oscillation events on the Great Barrier Reef: 1958 to 1987. Coral Reefs, 1994, 13, 181-185.	0.9	66
115	Variations of some seasonal rainfall characteristics in Queensland, Australia: 1921–1987. International Journal of Climatology, 1993, 13, 391-409.	1.5	29
116	On the nature and causes of density banding in massive coral skeletons. Journal of Experimental Marine Biology and Ecology, 1993, 167, 91-108.	0.7	190
117	Simple models of density band formation in massive corals. Journal of Experimental Marine Biology and Ecology, 1993, 167, 109-125.	0.7	64
118	Comparisons of skeletal density variations in Porites from the central Great Barrier Reef. Journal of Experimental Marine Biology and Ecology, 1992, 155, 1-25.	0.7	82
119	Systematic variations in the depth of skeleton occupied by coral tissue in massive colonies of Porites from the Great barrier reef. Journal of Experimental Marine Biology and Ecology, 1992, 159, 113-128.	0.7	103
120	Variations of sea-surface temperatures off north-eastern Australia and associations with rainfall in Queensland: 1956–1987. International Journal of Climatology, 1992, 12, 765-782.	1.5	23
121	Rainfall variations in Queensland, Australia: 1891–1986. International Journal of Climatology, 1991, 11, 745-768.	1.5	62
122	Computer simulations showing the likely effects of calix architecture and other factors on retrieval of density information from coral skeletons. Journal of Experimental Marine Biology and Ecology, 1990, 137, 141-164.	0.7	20
123	Measurement of density in slices of coral skeleton: effect of densitometer beam diameter. Journal of Experimental Marine Biology and Ecology, 1990, 143, 91-99.	0.7	15
124	Intra-annual timing of density band formation of Porites coral from the central Great Barrier Reef. Journal of Experimental Marine Biology and Ecology, 1990, 135, 35-57.	0.7	76
125	Density measurements and the interpretation of X-radiographic images of slices of skeleton from the colonial hard coral Porites. Journal of Experimental Marine Biology and Ecology, 1989, 131, 45-60.	0.7	28
126	Possible relationships between environmental variables and skeletal density in a coral colony from the central Great Barrier Reef. Journal of Experimental Marine Biology and Ecology, 1989, 134, 221-241.	0.7	51

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127	The nature of skeletal density banding in scleractinian corals: fine banding and seasonal patterns. Journal of Experimental Marine Biology and Ecology, 1989, 126, 119-134.	0.7	68
128	An assessment of the possible effects of volcanic eruptions on North American climate using tree-ring data, 1602 to 1900 A.D Climatic Change, 1987, 10, 219-239.	1.7	123
129	Estimating north pacific summer sea-level pressure back to 1600 using proxy climate records from China and North America. Advances in Atmospheric Sciences, 1987, 4, 74-84.	1.9	8
130	Tropical Atlantic Sea Surface Temperatures and Rainfall Variations in Subsaharan Africa. Monthly Weather Review, 1986, 114, 561-570.	0.5	158
131	Comparison of Sea Level Pressure Reconstructions from Western North American Tree Rings with a Proxy Record of Winter Severity in Japan. Journal of Climate and Applied Meteorology, 1985, 24, 1219-1224.	1.0	9
132	An estimate of average annual temperature variations for North America, 1602 to 1961. Climatic Change, 1985, 7, 203-224.	1.7	46
133	The Southern Oscillation and Tree Rings: 1600–1961. Journal of Climate and Applied Meteorology, 1985, 24, 952-966.	1.0	53
134	Spatial patterns of precipitation in England and Wales and a revised, homogeneous England and Wales precipitation series. Journal of Climatology, 1984, 4, 1-25.	0.8	238
135	Climate and Climate Impact Scenarios for Europe in a Warmer World. Journal of Climate and Applied Meteorology, 1983, 22, 1673-1684.	1.0	78
136	Senegal River runoff. Nature, 1981, 293, 414-414.	13.7	16