Robert C Thunell

List of Publications by Year
in descending order

174 papers	11,686 citations	19636 61 h-index	32815 100 g-index
177 all docs	177 docs citations	177 times ranked	7650 citing authors

#	Article	IF	Citations
1	Super ENSO and Global Climate Oscillations at Millennial Time Scales. Science, 2002, 297, 222-226.	6.0	547
2	Decline of surface temperature and salinity in the western tropical Pacific Ocean in the Holocene epoch. Nature, 2004, 431, 56-59.	13.7	430
3	The nitrogen isotope biogeochemistry of sinking particles from the margin of the Eastern North Pacific. Deep-Sea Research Part I: Oceanographic Research Papers, 1999, 46, 655-679.	0.6	392
4	The importance of continental margins in the global carbon cycle. Geophysical Research Letters, 2005, 32, .	1.5	338
5	Magnitude and timing of temperature change in the Indo-Pacific warm pool during deglaciation. Nature, 2003, 421, 152-155.	13.7	331
6	A review of nitrogen isotopic alteration in marine sediments. Paleoceanography, 2012, 27, .	3.0	240
7	Chemoautotrophy in the redox transition zone of the Cariaco Basin: A significant midwater source of organic carbon production. Limnology and Oceanography, 2001, 46, 148-163.	1.6	231
8	Isotopic constraints on glacial/interglacial changes in the oceanic nitrogen budget. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	1.9	194
9	Southern Hemisphere and Deep-Sea Warming Led Deglacial Atmospheric CO ₂ Rise and Tropical Warming. Science, 2007, 318, 435-438.	6.0	190
10	Chronology of the pleistocene oxygen isotope record: 0â€“1.88 m.y. B.P. Palaeogeography, Palaeoclimatology, Palaeoecology, 1988, 64, 221-240.	1.0	184
11	Planktonic foraminiferal response to upwelling and seasonal hydrographic conditions; sediment trap results from San Pedro Basin, Southern California Bight. Journal of Foraminiferal Research, 1991, 21, 347-363.	0.1	181
12	Global Increase in Quaternary Explosive Volcanism. Science, 1975, 187, 497-502.	6.0	175
13	Seasonal succession of planktonic foraminifera in the subpolar North Pacific. Journal of Foraminiferal Research, 1985, 15, 282-301.	0.1	171
14	Glacialâ€“Holocene salinity changes in the Mediterranean Sea: hydrographic and depositional effects. Nature, 1989, 338, 493-496.	13.7	160
15	Optimum indices of calcium carbonate dissolution, in deep-sea sediments. Geology, 1976, 4, 525.	2.0	147
16	Distinguishing between water column and sedimentary denitrification in the Santa Barbara Basin using the stable isotopes of nitrate. Geochemistry, Geophysics, Geosystems, 2003, 4, n/a-n/a.	1.0	146
17	Glacialâ€Holocene Biogenic Sedimentation Patterns in the South China Sea: Productivity Variations and Surface Water pCO₂. Paleoceanography, 1992, 7, 143-162.	3.0	145
18	Late Quaternary paleoclimatology, stratigraphy and sapropel history in eastern Mediterranean deep-sea sediments. Marine Micropaleontology, 1977, 2, 371-388.	0.5	144

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19	Annual cycle of primary production in the Cariaco Basin: Response to upwelling and implications for vertical export. Journal of Geophysical Research, 2001, 106, 4527-4542.	3.3	143
20	The Age, Origin, and Volcanological Significance of the Y-5 Ash Layer in the Mediterranean. Quaternary Research, 1979, 12, 241-253.	1.0	141
21	Seasonal succession of planktonic foraminifera; results from a four-year time-series sediment trap experiment in the Northeast Pacific. Journal of Foraminiferal Research, 1989, 19, 253-267.	0.1	138
22	Centennial changes in North Pacific anoxia linked to tropical trade winds. Science, 2014, 345, 665-668.	6.0	138
23	Nitrogen isotope dynamics of the Cariaco Basin, Venezuela. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	1.9	132
24	Seasonal Variability in the Î´¹⁸O and Î´¹³C of Planktonic Foraminifera from an Upwelling Environment: Sediment Trap Results from the San Pedro Basin, Southern California Bight. Paleoceanography, 1991, 6, 307-334.	3.0	131
25	Export production of coccolithophores in an upwelling region: Results from San Pedro Basin, Southern California Borderlands. Marine Micropaleontology, 1995, 24, 335-358.	0.5	129
26	Nitrogen isotope variations in Santa Barbara Basin sediments: Implications for denitrification in the eastern tropical North Pacific during the last 50,000 years. Paleoceanography, 2000, 15, 377-387.	3.0	124
27	Organic carbon fluxes, degradation, and accumulation in an anoxic basin: Sediment trap results from the Cariaco Basin. Limnology and Oceanography, 2000, 45, 300-308.	1.6	119
28	Seasonal and annual variability in particle fluxes in the Gulf of California: A response to climate forcing. Deep-Sea Research Part I: Oceanographic Research Papers, 1998, 45, 2059-2083.	0.6	117
29	Recent deep-sea benthic foraminiferal distributions in the South China and Sulu Seas. Marine Micropaleontology, 1993, 22, 1-32.	0.5	116
30	Sea-Surface Temperature Estimates for the Tropical Western Pacific during the Last Glaciation and Their Implications for the Pacific Warm Pool. Quaternary Research, 1994, 41, 255-264.	1.0	115
31	Nitrogen isotopic variations in the Gulf of California since the Last Deglaciation: Response to global climate change. Paleoceanography, 1999, 14, 397-409.	3.0	114
32	Seasonal variation in the flux of planktonic foraminifera: time series sediment trap results from the Panama Basin. Earth and Planetary Science Letters, 1983, 64, 44-55.	1.8	113
33	Distribution of recent planktonic foraminifera in surface sediments of the Mediterranean Sea. Marine Micropaleontology, 1978, 3, 147-173.	0.5	108
34	Calcite dissolution and the modification of planktonic foraminiferal assemblages. Marine Micropaleontology, 1981, 6, 169-182.	0.5	108
35	Particle fluxes in a coastal upwelling zone: sediment trap results from Santa Barbara Basin, California. Deep-Sea Research Part II: Topical Studies in Oceanography, 1998, 45, 1863-1884.	0.6	106
36	An 8â€¢century tropical Atlantic SST record from the Cariaco Basin: Baseline variability, twentiethâ€¢century warming, and Atlantic hurricane frequency. Paleoceanography, 2007, 22, .	3.0	106

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37	Acetate cycling in the water column of the Cariaco Basin: Seasonal and vertical variability and implication for carbon cycling. Limnology and Oceanography, 2002, 47, 1119-1128.	1.6	97
38	Phosphonates and particulate organic phosphorus cycling in an anoxic marine basin. Limnology and Oceanography, 2004, 49, 1593-1604.	1.6	97
39	Particulate organic carbon fluxes along upwelling-dominated continental margins: Rates and mechanisms. Global Biogeochemical Cycles, 2007, 21, .	1.9	96
40	Periodic Freshwater Flooding and Stagnation of the Eastern Mediterranean Sea During the Late Quaternary. Science, 1978, 201, 252-254.	6.0	95
41	Glacial-Holocene carbonate dissolution and sea surface temperatures in the south China and Sulu seas. Paleoceanography, 1994, 9, 269-290.	3.0	95
42	Sediment fluxes and varve formation in Santa Barbara Basin, offshore California. Geology, 1995, 23, 1083.	2.0	94
43	Ecosystem responses in the southern Caribbean Sea to global climate change. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19315-19320.	3.3	93
44	Processes of coastal upwelling and carbon flux in the Cariaco Basin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2004, 51, 927-943.	0.6	79
45	Pliocene - Pleistocene paleotemperature and paleosalinity history of the Mediterranean Sea: Results from DSDP Sites 125 and 132. Marine Micropaleontology, 1979, 4, 173-187.	0.5	78
46	Glacial expansion of oxygen-depleted seawater in the eastern tropical Pacific. Nature, 2018, 562, 410-413.	13.7	78
47	Carbonate dissolution and abyssal hydrography in the Atlantic Ocean. Marine Geology, 1982, 47, 165-180.	0.9	74
48	Tropical Pacific sea surface temperatures and upper water column thermal structure during the Last Glacial Maximum. Paleoceanography, 1997, 12, 649-657.	3.0	74
49	Anoxic events in the Mediterranean Sea in relation to the evolution of late Neogene climates. Marine Geology, 1984, 59, 105-134.	0.9	73
50	Glacio-eustatic sea-level control on Red Sea salinity. Nature, 1988, 334, 601-604.	13.7	72
51	The record of deglaciation in the Sulu Sea: Evidence for the Younger Dryas Event in the tropical western Pacific. Paleoceanography, 1990, 5, 1025-1039.	3.0	72
52	Pliocene-pleistocene vegetational and climatic evolution of the south-central mediterranean. Palaeogeography, Palaeoclimatology, Palaeoecology, 1989, 72, 263-275.	1.0	71
53	Rapid organic matter sulfurization in sinking particles from the Cariaco Basin water column. Geochimica Et Cosmochimica Acta, 2016, 190, 175-190.	1.6	70
54	Atlanticâ€Mediterranean water exchange during the Late Neocene. Paleoceanography, 1987, 2, 661-678.	3.0	69

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55	Paleoceanographic record of the last glacial/interglacial cycle in the Red Sea and Gulf of Aden. Palaeogeography, Palaeoclimatology, Palaeoecology, 1988, 64, 163-187.	1.0	68
56	Calcium Carbonate dissolution History in Late Quaternary Deep-sea Sediments, Western Gulf of Mexico. Quaternary Research, 1976, 6, 281-297.	1.0	67
57	Organic carbon accumulation in Bannock Basin: Evaluating the role of productivity in the formation of eastern Mediterranean sapropels. Marine Geology, 1992, 103, 461-471.	0.9	67
58	Increased marine sediment suspension and fluxes following an earthquake. Nature, 1999, 398, 233-236.	13.7	66
59	Varve formation in the Gulf of California: Insights from time series sediment trap sampling and remote sensing. Quaternary Science Reviews, 1993, 12, 451-464.	1.4	65
60	Glacial climate instability in the Northeast Pacific Ocean. Nature, 1995, 376, 504-506.	13.7	64
61	Nitrogen isotopic composition of planktonic foraminifera from the modern ocean and recent sediments. Limnology and Oceanography, 2012, 57, 1011-1024.	1.6	63
62	Using species-specific paleotemperature equations with foraminifera: a case study in the Southern California Bight. Marine Micropaleontology, 2002, 46, 405-430.	0.5	61
63	The oxygen isotope composition of planktonic foraminifera from the Cariaco Basin, Venezuela: Seasonal and interannual variations. Marine Micropaleontology, 2007, 62, 180-193.	0.5	61
64	Rapid downward transport of the neurotoxin domoic acid in coastal waters. Nature Geoscience, 2009, 2, 272-275.	5.4	61
65	Planktonic foraminiferal fluxes in the Santa Barbara Basin: response to seasonal and interannual hydrographic changes. Deep-Sea Research Part II: Topical Studies in Oceanography, 2000, 47, 1157-1176.	0.6	60
66	Eastern Mediterranean Sea during the Last Glacial Maximum; an 18,000-years B.P. Reconstruction. Quaternary Research, 1979, 11, 353-372.	1.0	58
67	The Cretaceous/Tertiary Boundary Event in the North Pacific: Planktonic foraminiferal results from Deep Sea Drilling Project Site 577, Shatsky Rise. Paleoceanography, 1986, 1, 97-117.	3.0	58
68	Neogene Planktonic Foraminiferal Biogeography of the Atlantic Ocean. Micropaleontology, 1982, 28, 381.	0.3	55
69	Oceanographic considerations for the application of the alkenone-based paleotemperature U37Kâ€² index in the Gulf of California. Geochimica Et Cosmochimica Acta, 2001, 65, 545-557.	1.6	55
70	Biogenic fluxes in the Cariaco Basin: a combined study of sinking particulates and underlying sediments. Deep-Sea Research Part I: Oceanographic Research Papers, 2003, 50, 781-807.	0.6	55
71	Glacial-Holocene Î´15N record from the Gulf of Tehuantepec, Mexico: Implications for denitrification in the eastern equatorial Pacific and changes in atmospheric N2O. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	1.9	55
72	Inorganic and organic sinking particulate phosphorus fluxes across the oxic/anoxic water column of Cariaco Basin, Venezuela. Marine Chemistry, 2007, 105, 90-100.	0.9	54

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73	Planktonic foraminiferal area density as a proxy for carbonate ion concentration: A calibration study using the Cariaco Basin ocean time series. Paleoceanography, 2013, 28, 363-376.	3.0	54
74	Paleotemperature and paleosalinity history of the estern Mediterranean during the Late Quaternary. Palaeogeography, Palaeoclimatology, Palaeoecology, 1983, 44, 23-39.	1.0	53
75	Climatic evolution of the mediterranean sea during the last 5.0 million years. Sedimentary Geology, 1979, 23, 67-79.	1.0	52
76	Middle Pliocene climatic change in the western Mediterranean from faunal and oxygen isotopic trends. Nature, 1979, 282, 294-296.	13.7	51
77	Miocene/Pliocene boundary magnetostratigraphy at Capo Sopartivento, Calabria, Itlay. Geology, 1988, 16, 1096.	2.0	51
78	Sediment mixing and accumulation rates in the Sulu and South China Seas: Implications for organic carbon preservation in deep-sea environments. Marine Geology, 1993, 111, 15-35.	0.9	51
79	Modern climate forcing of terrigenous deposition in the tropics (Cariaco Basin, Venezuela). Earth and Planetary Science Letters, 2007, 264, 438-451.	1.8	51
80	Decadal variability in twentieth-century ocean acidification in the California Current Ecosystem. Nature Geoscience, 2020, 13, 43-49.	5.4	51
81	Seasonal and interannual changes in planktonic foraminiferal production in the North Pacific. Nature, 1987, 328, 335-337.	13.7	50
82	Planktonic foraminiferal faunal and stable isotopic indices of upwelling: a sediment trap study in the San Pedro Basin, Southern California Bight. Geological Society Special Publication, 1992, 64, 77-91.	0.8	50
83	Biogenic silica fluxes and accumulation rates in the Gulf of California. Geology, 1994, 22, 303-306.	2.0	48
84	Pseudo-nitzschia and domoic acid fluxes in Santa Barbara Basin (CA) from 1993 to 2008. Harmful Algae, 2011, 10, 567-575.	2.2	48
85	Oxygen minimum expansion in the Sulu Sea, western equatorial Pacific, during the last glacial low stand of sea level. Marine Micropaleontology, 1985, 9, 395-418.	0.5	47
86	Planktonic foraminiferal flux to the deep ocean: Sediment trap results from the tropical Atlantic and the central Pacific. Marine Geology, 1981, 40, 237-253.	0.9	46
87	Glacial anoxia in the eastern Mediterranean. Journal of Foraminiferal Research, 1983, 13, 283-290.	0.1	46
88	Benthic foraminiferal biofacies associated with middle Miocene to early Pliocene oxygen-deficient conditions in the eastern Mediterranean. Journal of Foraminiferal Research, 1984, 14, 187-202.	0.1	45
89	The Mg/Ca-temperature relationship of benthic foraminiferal calcite: New core-top calibrations in the <4ÂÂ°C temperature range. Earth and Planetary Science Letters, 2008, 272, 523-530.	1.8	45
90	Calcite Dissolution: An in situ Study in the Panama Basin. Science, 1981, 212, 659-661.	6.0	43

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91	Sea surface temperature changes in the southern California borderlands during the last glacial-Interglacial cycle. Paleoceanography, 1996, 11, 415-429.	3.0	40
92	On Explosive Cenozoic Volcanism and Climatic Implications. Science, 1977, 196, 1231-1234.	6.0	38
93	Interannual and Subdecadal Variability in the Nutrient Geochemistry of the Cariaco Basin. Oceanography, 2014, 27, 148-159.	0.5	38
94	The importance of subsurface nepheloid layers in transport and delivery of sediments to the eastern Cariaco Basin, Venezuela. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 2249-2262.	0.6	36
95	Modelling planktic foraminiferal assemblage changes and application to sea surface temperature estimation in the western equatorial Pacific Ocean. Marine Micropaleontology, 1996, 28, 211-229.	0.5	35
96	Sea Surface Temperature of the Western Equatorial Pacific Ocean during the Younger Dryas. Quaternary Research, 1996, 46, 72-77.	1.0	35
97	Morphometric and stable isotopic differentiation of Orbulina universa morphotypes from the Cariaco Basin, Venezuela. Marine Micropaleontology, 2015, 120, 46-64.	0.5	35
98	The Scientific Legacy of the CARIACO Ocean Time-Series Program. Annual Review of Marine Science, 2019, 11, 413-437.	5.1	33
99	Late Quaternary Sapropel Sediments in the Eastern Mediterranean Sea: Faunal Variations and Chronology. Quaternary Research, 1984, 21, 385-403.	1.0	32
100	Late neogene laminated and opal-rich facies from the Mediterranean region: Geochemical evidence for mechanisms of formation. Palaeogeography, Palaeoclimatology, Palaeoecology, 1988, 64, 265-286.	1.0	31
101	Coccolithophore export production during the 1997â€“1998 El NiÃ±o event in Santa Barbara Basin (California). Marine Micropaleontology, 2005, 55, 107-125.	0.5	31
102	The oxygen isotope composition of planktonic foraminifera from the Guaymas Basin, Gulf of California: Seasonal, annual, and interspecies variability. Marine Micropaleontology, 2010, 74, 29-37.	0.5	31
103	Silicic acid biogeochemistry in the Gulf of California: Insights from sedimentary Si isotopes. Paleoceanography, 2012, 27, .	3.0	31
104	Phytoplankton community structure and depth distribution changes in the Cariaco Basin between 1996 and 2010. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 101, 27-37.	0.6	31
105	Planktonic foraminiferal fauna associated with eastern Mediterranean Quaternary stagnations. Nature, 1979, 281, 211-213.	13.7	30
106	Cenozoic palaeotemperature changes and planktonic foraminiferal speciation. Nature, 1981, 289, 670-672.	13.7	30
107	Seasonal and interannual dynamics in diatom production in the Cariaco Basin, Venezuela. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 571-581.	0.6	30
108	Particulate sulfur species in the water column of the Cariaco Basin. Geochimica Et Cosmochimica Acta, 2011, 75, 148-163.	1.6	30

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109	Calcification of the planktonic foraminifera <scp>Globigerina bulloides</scp> and carbonate ion concentration: Results from the Santa Barbara Basin. Paleoceanography, 2016, 31, 1083-1102.	3.0	30
110	Shelf exposure influence on Indo-Pacific Warm Pool climate for the last 450,000 years. Earth and Planetary Science Letters, 2019, 516, 66-76.	1.8	30
111	Eocene eustatic sea level changes, evidence from Western Sinai, Egypt. Palaeogeography, Palaeoclimatology, Palaeoecology, 1987, 58, 1-9.	1.0	29
112	Temporal variability in sediment fluxes in the San Pedro Basin, southern California bight. Continental Shelf Research, 1994, 14, 333-352.	0.9	29
113	Late Pleistocene-Holocene distribution of deep-sea benthic foraminifera in the South China Sea and Sulu Sea; paleoceanographic implications. Journal of Foraminiferal Research, 1996, 26, 9-23.	0.1	29
114	Hydrolytic ectoenzyme activity associated with suspended and sinking organic particles within the anoxic Cariaco Basin. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 1266-1283.	0.6	29
115	Mechanisms of southern Caribbean SST variability over the last two millennia. Geophysical Research Letters, 2013, 40, 5954-5958.	1.5	29
116	Synchronous deglacial thermocline and deep-water ventilation in the eastern equatorial Pacific. Nature Communications, 2017, 8, 14203.	5.8	29
117	Late Mioceneâ€"early Pliocene planktonic foraminiferal biostratigraphy and paleoceanography of low-latitude marine sequences. Marine Micropaleontology, 1981, 6, 71-90.	0.5	28
118	A bi-polar signal recorded in the western tropical Pacific: Northern and Southern Hemisphere climate records from the Pacific warm pool during the last Ice Age. Quaternary Science Reviews, 2009, 28, 2374-2385.	1.4	28
119	Danian faunal succession: Planktonic foraminiferal response to a changing marine environment. Geology, 1987, 15, 665.	2.0	27
120	Glacialâ€"interglacial organic carbon record from the Makassar Strait, Indonesia: implications for regional changes in continental vegetation. Quaternary Science Reviews, 2004, 23, 17-27.	1.4	27
121	Geochemical cycles in sediments deposited on the slopes of the Guaymas and Carmen Basins of the Gulf of California over the last 180 years. Quaternary Science Reviews, 2004, 23, 1817-1833.	1.4	27
122	Comparison of species-specific oxygen isotope paleotemperature equations: Sensitivity analysis using planktonic foraminifera from the Cariaco Basin, Venezuela. Marine Micropaleontology, 2013, 101, 76-88.	0.5	27
123	Oceanographic controls on the carbon isotopic compositions of sinking particles from the Cariaco Basin. Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 1955-1974.	0.6	26
124	Mid-depth respired carbon storage and oxygenation of the eastern equatorial Pacific over the last 25,000 years. Quaternary Science Reviews, 2018, 189, 43-56.	1.4	26
125	Comparison of , , and fluxes with fluxes of major sediment components in the Guaymas Basin, Gulf of California. Marine Chemistry, 1999, 65, 177-194.	0.9	25
126	Gulf Stream and Western Boundary Undercurrent variations during MIS 10â€"12 at Site 1056, Blake-Bahama Outer Ridge. Marine Geology, 2002, 189, 79-105.	0.9	25

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127	Phosphorus composition of sinking particles in the Guaymas Basin, Gulf of California. Limnology and Oceanography, 2011, 56, 1093-1105.	1.6	24
128	Sedimentological evidence for early Miocene fault reactivation in the Gulf of Suez. Geology, 1988, 16, 113.	2.0	23
129	Late Pleistocene glacial/interglacial changes in planktonic foraminiferal biofacies and Carbonate dissolution patterns in the Vema Channel. Marine Geology, 1984, 58, 101-122.	0.9	22
130	Modelling river discharge and precipitation from estuarine salinity in the northern Chesapeake Bay: application to Holocene palaeoclimate. Holocene, 2006, 16, 467-477.	0.9	22
131	Evaluating controls on planktonic foraminiferal geochemistry in the Eastern Tropical North Pacific. Earth and Planetary Science Letters, 2016, 452, 90-103.	1.8	22
132	Trace Element Heterogeneity Across Individual Planktic Foraminifera from the Modern Cariaco Basin. Journal of Foraminiferal Research, 2020, 50, 204-218.	0.1	21
133	Planktonic foraminiferal response to the 1997â€“1998 El NiÃ±o: A sediment-trap record from the Santa Barbara Basin. Geology, 2001, 29, 1075.	2.0	20
134	Vertical fluxes of particulate biogenic material through the euphotic and twilight zones in the Cariaco Basin, Venezuela. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 67, 73-84.	0.6	20
135	Laminated sediments from the Vrica section (Calabria, S. Italy): evidence for plio-pleistocene climatic change in the Mediterranean region. Palaeogeography, Palaeoclimatology, Palaeoecology, 1990, 78, 195-216.	1.0	19
136	Changes in deep and intermediate water properties in the western North Atlantic during marine isotope stages 11â€“12: evidence from ODP Leg 172. Marine Geology, 2002, 189, 63-77.	0.9	19
137	Holocene paleomagnetic secular variation records from the western Equatorial Pacific Ocean. Earth and Planetary Science Letters, 2006, 246, 381-392.	1.8	19
138	Comparison of TEX86 and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0006.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi>U</mml:mi></mml:mrow><mml:mrow><mml:mn>37</mml:mn></mml:mrow> temperature proxies in sinking particles in the Cariaco Basin. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 78, 115-133.	0.6	19
139	Direct comparison of marine and terrestrial climate variability during marine isotope stages 6 and 5: Results from Santa Barbara Basin ODP Hole 893A. Paleoceanography, 2002, 17, 2-1-2-12.	3.0	18
140	Carbonate sedimentation beneath the Antarctic Circumpolar Current during the late Quaternary. Marine Geology, 1983, 51, 293-326.	0.9	17
141	The oxygen-isotope composition of tropical ocean surface water during the last deglaciation. Quaternary Science Reviews, 1993, 12, 465-473.	1.4	17
142	Sources of Î´15N variability in sinking particulate nitrogen in the Cariaco Basin, Venezuela. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 93, 96-107.	0.6	17
143	Biogenic nitrogen gas production at the oxicâ€“anoxic interface in the Cariaco Basin, Venezuela. Biogeosciences, 2013, 10, 267-279.	1.3	17
144	Cycling of suspended particulate phosphorus in the redoxcline of the Cariaco Basin. Marine Chemistry, 2015, 176, 64-74.	0.9	17

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145	Changes in wind-driven upwelling during the last three centuries: Interocean teleconnections. Geophysical Research Letters, 2006, 33, .	1.5	15
146	Decadal to centennial fluctuations in the intensity of the eastern tropical North Pacific oxygen minimum zone during the last 1200â€‰years. Paleoceanography, 2016, 31, 1138-1151.	3.0	15
147	Physico-chemical and biological factors influencing dinoflagellate cyst production in the Cariaco Basin. Biogeosciences, 2018, 15, 2325-2348.	1.3	15
148	Dinoflagellate cyst production in the Cariaco Basin: A 12.5â€¯year-long sediment trap study. Progress in Oceanography, 2019, 171, 175-211.	1.5	15
149	Diagenetic effects on particulate phosphorus samples collected using formalin-poisoned sediment traps. Limnology and Oceanography: Methods, 2005, 3, 308-317.	1.0	14
150	Quantifying the seasonal variations in fluvial and eolian sources of terrigenous material to Cariaco Basin, Venezuela. Journal of South American Earth Sciences, 2009, 27, 197-210.	0.6	14
151	The western North Atlantic record of MIS 13 to 10: Changes in primary productivity, organic carbon accumulation and benthic foraminiferal assemblages in sediments from the Blake Outer Ridge (ODP) Tj ETQq1 1 0.784314 rgBT /Over	7.8	13
152	Biogenic sedimentation and surface productivity changes in the Southern California Borderlands during the last glacialâ€”interglacial cycle. Marine Geology, 1997, 138, 171-192.	0.9	12
153	Ongoing Increase in Eastern Tropical North Pacific Denitrification as Interpreted Through the Santa Barbara Basin Sedimentary Î´¹⁵N Record. Paleoceanography and Paleoclimatology, 2019, 34, 1554-1567.	1.3	12
154	Late Tertiary/Quaternary magnetostratigraphy and biostratigraphy of Vema Channel sediments. Marine Geology, 1984, 58, 89-100.	0.9	11
155	Radionuclide fluxes and particle scavenging in Cariaco Basin. Continental Shelf Research, 2004, 24, 1451-1463.	0.9	10
156	Biogenic silica standing stock and export in the Santa Barbara Channel ecosystem. Journal of Geophysical Research: Oceans, 2013, 118, 736-749.	1.0	10
157	Late Eocene-Early Oligocene Carbonate Sedimentation in the Deep Sea. Developments in Palaeontology and Stratigraphy, 1986, 9, 363-380.	0.1	9
158	Deepwater Expansion and Enhanced Remineralization in the Eastern Equatorial Pacific During the Last Glacial Maximum. Paleoceanography and Paleoclimatology, 2018, 33, 563-578.	1.3	8
159	Local and Remote Forcing of Denitrification in the Northeast Pacific for the Last 2,000 Years. Paleoceanography and Paleoclimatology, 2019, 34, 1517-1533.	1.3	8
160	Seasonal and interannual changes in planktic foraminiferal fluxes and species composition in Guaymas Basin, Gulf of California. Marine Micropaleontology, 2019, 149, 75-88.	0.5	8
161	Sea surface temperature across the Subarctic North Pacific and marginal seas through the past 20,000 years: A paleoceanographic synthesis. Quaternary Science Reviews, 2020, 246, 106519.	1.4	8
162	Centennial OMZ changes in the NW Mexican Margin from geochemical and foraminiferal sedimentary records. Continental Shelf Research, 2019, 176, 64-75.	0.9	7

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164	The Impacts of Flood, Drought, and Turbidites on Organic Carbon Burial Over the Past 2,000Âyears in the Santa Barbara Basin, California. Paleoceanography and Paleoclimatology, 2020, 35, e2020PA003849.	1.3	6
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