

Robert C Thunell

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174
papers

9,900
citations

56
h-index

92
g-index

177
ext. papers

10,653
ext. citations

8.3
avg, IF

5.97
L-index

#	Paper	IF	Citations
174	Super ENSO and global climate oscillations at millennial time scales. <i>Science</i> , 2002 , 297, 222-6	33.3	485
173	Decline of surface temperature and salinity in the western tropical Pacific Ocean in the Holocene epoch. <i>Nature</i> , 2004 , 431, 56-9	50.4	367
172	The nitrogen isotope biogeochemistry of sinking particles from the margin of the Eastern North Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1999 , 46, 655-679	2.5	331
171	Magnitude and timing of temperature change in the Indo-Pacific warm pool during deglaciation. <i>Nature</i> , 2003 , 421, 152-5	50.4	298
170	The importance of continental margins in the global carbon cycle. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	275
169	Chemoautotrophy in the redox transition zone of the Cariaco Basin: A significant midwater source of organic carbon production. <i>Limnology and Oceanography</i> , 2001 , 46, 148-163	4.8	188
168	Isotopic constraints on glacial/interglacial changes in the oceanic nitrogen budget. <i>Global Biogeochemical Cycles</i> , 2004 , 18, n/a-n/a	5.9	169
167	A review of nitrogen isotopic alteration in marine sediments. <i>Paleoceanography</i> , 2012 , 27,		168
166	Southern Hemisphere and deep-sea warming led deglacial atmospheric CO ₂ rise and tropical warming. <i>Science</i> , 2007 , 318, 435-8	33.3	167
165	Planktonic foraminiferal response to upwelling and seasonal hydrographic conditions; sediment trap results from San Pedro Basin, Southern California Bight. <i>Journal of Foraminiferal Research</i> , 1991 , 21, 347-363	1.1	158
164	Seasonal succession of planktonic foraminifera in the subpolar North Pacific. <i>Journal of Foraminiferal Research</i> , 1985 , 15, 282-301	1.1	151
163	Global increase in quaternary explosive volcanism. <i>Science</i> , 1975 , 187, 497-502	33.3	151
162	Glacial/Holocene salinity changes in the Mediterranean Sea: hydrographic and depositional effects. <i>Nature</i> , 1989 , 338, 493-496	50.4	150
161	Chronology of the pleistocene oxygen isotope record: 0-1.88 m.y. B.P. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1988 , 64, 221-240	2.9	145
160	Optimum indices of calcium carbonate dissolution, in deep-sea sediments. <i>Geology</i> , 1976 , 4, 525	5	135
159	Late Quaternary paleoclimatology, stratigraphy and sapropel history in eastern Mediterranean deep-sea sediments. <i>Marine Micropaleontology</i> , 1977 , 2, 371-388	1.7	131
158	The Age, Origin, and Volcanological Significance of the Y-5 Ash Layer in the Mediterranean. <i>Quaternary Research</i> , 1979 , 12, 241-253	1.9	129

157	Distinguishing between water column and sedimentary denitrification in the Santa Barbara Basin using the stable isotopes of nitrate. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4, n/a-n/a	3.6	127
156	Annual cycle of primary production in the Cariaco Basin: Response to upwelling and implications for vertical export. <i>Journal of Geophysical Research</i> , 2001 , 106, 4527-4542		127
155	Seasonal succession of planktonic foraminifera; results from a four-year time-series sediment trap experiment in the Northeast Pacific. <i>Journal of Foraminiferal Research</i> , 1989 , 19, 253-267	1.1	121
154	Seasonal Variability in the $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ of Planktonic Foraminifera from an Upwelling Environment: Sediment Trap Results from the San Pedro Basin, Southern California Bight. <i>Paleoceanography</i> , 1991 , 6, 307-334		118
153	Export production of coccolithophores in an upwelling region: Results from San Pedro Basin, Southern California Borderlands. <i>Marine Micropaleontology</i> , 1995 , 24, 335-358	1.7	115
152	Glacial-Holocene Biogenic Sedimentation Patterns in the South China Sea: Productivity Variations and Surface Water pCO ₂ . <i>Paleoceanography</i> , 1992 , 7, 143-162		115
151	Nitrogen isotope variations in Santa Barbara Basin sediments: Implications for denitrification in the eastern tropical North Pacific during the last 50,000 years. <i>Paleoceanography</i> , 2000 , 15, 377-387		108
150	Sea-Surface Temperature Estimates for the Tropical Western Pacific during the Last Glaciation and Their Implications for the Pacific Warm Pool. <i>Quaternary Research</i> , 1994 , 41, 255-264	1.9	108
149	Oceanography. Centennial changes in North Pacific anoxia linked to tropical trade winds. <i>Science</i> , 2014 , 345, 665-8	33.3	107
148	Nitrogen isotope dynamics of the Cariaco Basin, Venezuela. <i>Global Biogeochemical Cycles</i> , 2004 , 18, n/a-n/a	1.9	104
147	Nitrogen isotopic variations in the Gulf of California since the Last Deglaciation: Response to global climate change. <i>Paleoceanography</i> , 1999 , 14, 397-409		104
146	Seasonal variation in the flux of planktonic foraminifera: time series sediment trap results from the Panama Basin. <i>Earth and Planetary Science Letters</i> , 1983 , 64, 44-55	5.3	101
145	Distribution of recent planktonic foraminifera in surface sediments of the Mediterranean Sea. <i>Marine Micropaleontology</i> , 1978 , 3, 147-173	1.7	101
144	Seasonal and annual variability in particle fluxes in the Gulf of California: A response to climate forcing. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998 , 45, 2059-2083	2.5	100
143	Organic carbon fluxes, degradation, and accumulation in an anoxic basin: Sediment trap results from the Cariaco Basin. <i>Limnology and Oceanography</i> , 2000 , 45, 300-308	4.8	96
142	An 8-century tropical Atlantic SST record from the Cariaco Basin: Baseline variability, twentieth-century warming, and Atlantic hurricane frequency. <i>Paleoceanography</i> , 2007 , 22, n/a-n/a		94
141	Calcite dissolution and the modification of planktonic foraminiferal assemblages. <i>Marine Micropaleontology</i> , 1981 , 6, 169-182	1.7	94
140	Recent deep-sea benthic foraminiferal distributions in the South China and Sulu Seas. <i>Marine Micropaleontology</i> , 1993 , 22, 1-32	1.7	93

139	Particle fluxes in a coastal upwelling zone: sediment trap results from Santa Barbara Basin, California. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1998 , 45, 1863-1884	2.3	92
138	Glacial-Holocene carbonate dissolution and sea surface temperatures in the south China and Sulu seas. <i>Paleoceanography</i> , 1994 , 9, 269-290		88
137	Periodic freshwater flooding and stagnation of the eastern mediterranean sea during the late quaternary. <i>Science</i> , 1978 , 201, 252-4	33.3	88
136	Particulate organic carbon fluxes along upwelling-dominated continental margins: Rates and mechanisms. <i>Global Biogeochemical Cycles</i> , 2007 , 21,	5.9	86
135	Phosphonates and particulate organic phosphorus cycling in an anoxic marine basin. <i>Limnology and Oceanography</i> , 2004 , 49, 1593-1604	4.8	79
134	Ecosystem responses in the southern Caribbean Sea to global climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19315-20	11.5	77
133	Sediment fluxes and varve formation in Santa Barbara Basin, offshore California. <i>Geology</i> , 1995 , 23, 1083		75
132	Anoxic events in the Mediterranean Sea in relation to the evolution of late Neogene climates. <i>Marine Geology</i> , 1984 , 59, 105-134	3.3	68
131	Pliocene - Pleistocene paleotemperature and paleosalinity history of the Mediterranean Sea: Results from DSDP Sites 125 and 132. <i>Marine Micropaleontology</i> , 1979 , 4, 173-187	1.7	68
130	Processes of coastal upwelling and carbon flux in the Cariaco Basin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004 , 51, 927-943	2.3	67
129	Acetate cycling in the water column of the Cariaco Basin: Seasonal and vertical variability and implication for carbon cycling. <i>Limnology and Oceanography</i> , 2002 , 47, 1119-1128	4.8	67
128	Carbonate dissolution and abyssal hydrography in the Atlantic Ocean. <i>Marine Geology</i> , 1982 , 47, 165-180	3.3	66
127	The record of deglaciation in the Sulu Sea: Evidence for the Younger Dryas Event in the tropical western Pacific. <i>Paleoceanography</i> , 1990 , 5, 1025-1039		64
126	Glacio-eustatic sea-level control on Red Sea salinity. <i>Nature</i> , 1988 , 334, 601-604	50.4	63
125	Atlantic-Mediterranean water exchange during the Late Neocene. <i>Paleoceanography</i> , 1987 , 2, 661-678		62
124	Tropical Pacific sea surface temperatures and upper water column thermal structure during the Last Glacial Maximum. <i>Paleoceanography</i> , 1997 , 12, 649-657		61
123	Organic carbon accumulation in Bannock Basin: Evaluating the role of productivity in the formation of eastern Mediterranean sapropels. <i>Marine Geology</i> , 1992 , 103, 461-471	3.3	60
122	Using species-specific paleotemperature equations with foraminifera: a case study in the Southern California Bight. <i>Marine Micropaleontology</i> , 2002 , 46, 405-430	1.7	59

121	Increased marine sediment suspension and fluxes following an earthquake. <i>Nature</i> , 1999 , 398, 233-236	50.4	58
120	Paleoceanographic record of the last glacial/interglacial cycle in the Red Sea and Gulf of Aden. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1988 , 64, 163-187	2.9	58
119	Calcium Carbonate dissolution History in Late Quaternary Deep-sea Sediments, Western Gulf of Mexico. <i>Quaternary Research</i> , 1976 , 6, 281-297	1.9	57
118	Eastern Mediterranean Sea during the Last Glacial Maximum; an 18,000-years B.P. Reconstruction. <i>Quaternary Research</i> , 1979 , 11, 353-372	1.9	56
117	The oxygen isotope composition of planktonic foraminifera from the Cariaco Basin, Venezuela: Seasonal and interannual variations. <i>Marine Micropaleontology</i> , 2007 , 62, 180-193	1.7	54
116	Planktonic foraminiferal fluxes in the Santa Barbara Basin: response to seasonal and interannual hydrographic changes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2000 , 47, 1157-1176	2.3	54
115	Glacial climate instability in the Northeast Pacific Ocean. <i>Nature</i> , 1995 , 376, 504-506	50.4	54
114	Pliocene-pleistocene vegetational and climatic evolution of the south-central mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1989 , 72, 263-275	2.9	53
113	Oceanographic considerations for the application of the alkenone-based paleotemperature U37K? index in the Gulf of California. <i>Geochimica Et Cosmochimica Acta</i> , 2001 , 65, 545-557	5.5	52
112	Varve formation in the Gulf of California: Insights from time series sediment trap sampling and remote sensing. <i>Quaternary Science Reviews</i> , 1993 , 12, 451-464	3.9	52
111	Rapid downward transport of the neurotoxin domoic acid in coastal waters. <i>Nature Geoscience</i> , 2009 , 2, 272-275	18.3	51
110	Rapid organic matter sulfurization in sinking particles from the Cariaco Basin water column. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 190, 175-190	5.5	50
109	Biogenic fluxes in the Cariaco Basin: a combined study of sinking particulates and underlying sediments. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003 , 50, 781-807	2.5	50
108	The Cretaceous/Tertiary Boundary Event in the North Pacific: Planktonic foraminiferal results from Deep Sea Drilling Project Site 577, Shatsky Rise. <i>Paleoceanography</i> , 1986 , 1, 97-117		48
107	Inorganic and organic sinking particulate phosphorus fluxes across the oxic/anoxic water column of Cariaco Basin, Venezuela. <i>Marine Chemistry</i> , 2007 , 105, 90-100	3.7	47
106	Sediment mixing and accumulation rates in the Sulu and South China Seas: Implications for organic carbon preservation in deep-sea environments. <i>Marine Geology</i> , 1993 , 111, 15-35	3.3	46
105	Neogene Planktonic Foraminiferal Biogeography of the Atlantic Ocean. <i>Micropaleontology</i> , 1982 , 28, 381	2	46
104	Modern climate forcing of terrigenous deposition in the tropics (Cariaco Basin, Venezuela). <i>Earth and Planetary Science Letters</i> , 2007 , 264, 438-451	5.3	45

103	Paleotemperature and paleosalinity history of the eastern Mediterranean during the Late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1983 , 44, 23-39	2.9	45
102	Glacial expansion of oxygen-depleted seawater in the eastern tropical Pacific. <i>Nature</i> , 2018 , 562, 410-413	30.4	45
101	Nitrogen isotopic composition of planktonic foraminifera from the modern ocean and recent sediments. <i>Limnology and Oceanography</i> , 2012 , 57, 1011-1024	4.8	44
100	Climatic evolution of the Mediterranean sea during the last 5.0 million years. <i>Sedimentary Geology</i> , 1979 , 23, 67-79	2.8	44
99	Glacial-Holocene $\delta^{15}N$ record from the Gulf of Tehuantepec, Mexico: Implications for denitrification in the eastern equatorial Pacific and changes in atmospheric N_2O . <i>Global Biogeochemical Cycles</i> , 2004 , 18, n/a-n/a	5.9	43
98	Oxygen minimum expansion in the Sulu Sea, western equatorial Pacific, during the last glacial low stand of sea level. <i>Marine Micropaleontology</i> , 1985 , 9, 395-418	1.7	43
97	Middle Pliocene climatic change in the western Mediterranean from faunal and oxygen isotopic trends. <i>Nature</i> , 1979 , 282, 294-296	50.4	43
96	Planktonic foraminiferal area density as a proxy for carbonate ion concentration: A calibration study using the Cariaco Basin ocean time series. <i>Paleoceanography</i> , 2013 , 28, 363-376		42
95	Biogenic silica fluxes and accumulation rates in the Gulf of California. <i>Geology</i> , 1994 , 22, 303-306	5	42
94	Seasonal and interannual changes in planktonic foraminiferal production in the North Pacific. <i>Nature</i> , 1987 , 328, 335-337	50.4	42
93	Glacial anoxia in the eastern Mediterranean. <i>Journal of Foraminiferal Research</i> , 1983 , 13, 283-290	1.1	42
92	The Mg/Ca-temperature relationship of benthic foraminiferal calcite: New core-top calibrations in the . <i>Earth and Planetary Science Letters</i> , 2008 , 272, 523-530	5.3	41
91	Miocene/Pliocene boundary magnetostratigraphy at Capo Sopartivento, Calabria, Italy. <i>Geology</i> , 1988 , 16, 1096	5	41
90	Benthic foraminiferal biofacies associated with middle Miocene to early Pliocene oxygen-deficient conditions in the eastern Mediterranean. <i>Journal of Foraminiferal Research</i> , 1984 , 14, 187-202	1.1	41
89	Calcite Dissolution: An in situ Study in the Panama Basin. <i>Science</i> , 1981 , 212, 659-61	33.3	40
88	Pseudo-nitzschia and domoic acid fluxes in Santa Barbara Basin (CA) from 1993 to 2008. <i>Harmful Algae</i> , 2011 , 10, 567-575	5.3	39
87	Planktonic foraminiferal flux to the deep ocean: Sediment trap results from the tropical Atlantic and the central Pacific. <i>Marine Geology</i> , 1981 , 40, 237-253	3.3	39
86	Sea surface temperature changes in the southern California borderlands during the last glacial-Interglacial cycle. <i>Paleoceanography</i> , 1996 , 11, 415-429		35

85	Planktonic foraminiferal faunal and stable isotopic indices of upwelling: a sediment trap study in the San Pedro Basin, Southern California Bight. <i>Geological Society Special Publication</i> , 1992 , 64, 77-91	1.7	33
84	On explosive cenozoic volcanism and climatic implications. <i>Science</i> , 1977 , 196, 1231-4	33.3	33
83	The importance of subsurface nepheloid layers in transport and delivery of sediments to the eastern Cariaco Basin, Venezuela. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009 , 56, 2249-2262	2.5	32
82	Sea Surface Temperature of the Western Equatorial Pacific Ocean during the Younger Dryas. <i>Quaternary Research</i> , 1996 , 46, 72-77	1.9	32
81	Morphometric and stable isotopic differentiation of <i>Orbulina universa</i> morphotypes from the Cariaco Basin, Venezuela. <i>Marine Micropaleontology</i> , 2015 , 120, 46-64	1.7	30
80	Coccolithophore export production during the 1997-1998 El Niño event in Santa Barbara Basin (California). <i>Marine Micropaleontology</i> , 2005 , 55, 107-125	1.7	30
79	Modelling planktic foraminiferal assemblage changes and application to sea surface temperature estimation in the western equatorial Pacific Ocean. <i>Marine Micropaleontology</i> , 1996 , 28, 211-229	1.7	30
78	Interannual and Subdecadal Variability in the Nutrient Geochemistry of the Cariaco Basin. <i>Oceanography</i> , 2014 , 27, 148-159	2.3	30
77	Late Quaternary Sapropel Sediments in the Eastern Mediterranean Sea: Faunal Variations and Chronology. <i>Quaternary Research</i> , 1984 , 21, 385-403	1.9	29
76	Late Pleistocene-Holocene distribution of deep-sea benthic foraminifera in the South China Sea and Sulu Sea; paleoceanographic implications. <i>Journal of Foraminiferal Research</i> , 1996 , 26, 9-23	1.1	28
75	Late neogene laminated and opal-rich facies from the Mediterranean region: Geochemical evidence for mechanisms of formation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1988 , 64, 265-286	2.9	28
74	The oxygen isotope composition of planktonic foraminifera from the Guaymas Basin, Gulf of California: Seasonal, annual, and interspecies variability. <i>Marine Micropaleontology</i> , 2010 , 74, 29-37	1.7	27
73	Eocene eustatic sea level changes, evidence from Western Sinai, Egypt. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1987 , 58, 1-9	2.9	27
72	Planktonic foraminiferal fauna associated with eastern Mediterranean Quaternary stagnations. <i>Nature</i> , 1979 , 281, 211-213	50.4	27
71	Comparison of species-specific oxygen isotope paleotemperature equations: Sensitivity analysis using planktonic foraminifera from the Cariaco Basin, Venezuela. <i>Marine Micropaleontology</i> , 2013 , 101, 76-88	1.7	26
70	Silicic acid biogeochemistry in the Gulf of California: Insights from sedimentary Si isotopes. <i>Paleoceanography</i> , 2012 , 27, n/a-n/a		26
69	Seasonal and interannual dynamics in diatom production in the Cariaco Basin, Venezuela. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009 , 56, 571-581	2.5	26
68	Hydrolytic ectoenzyme activity associated with suspended and sinking organic particles within the anoxic Cariaco Basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009 , 56, 1266-1283	2.5	26

67	Oceanographic controls on the carbon isotopic compositions of sinking particles from the Cariaco Basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004 , 51, 1955-1974	2.5	25
66	Glacial/Interglacial organic carbon record from the Makassar Strait, Indonesia: implications for regional changes in continental vegetation. <i>Quaternary Science Reviews</i> , 2004 , 23, 17-27	3.9	25
65	Cenozoic palaeotemperature changes and planktonic foraminiferal speciation. <i>Nature</i> , 1981 , 289, 670-672	5.4	25
64	Decadal variability in twentieth-century ocean acidification in the California Current Ecosystem. <i>Nature Geoscience</i> , 2020 , 13, 43-49	18.3	24
63	Mechanisms of southern Caribbean SST variability over the last two millennia. <i>Geophysical Research Letters</i> , 2013 , 40, 5954-5958	4.9	23
62	Gulf Stream and Western Boundary Undercurrent variations during MIS 10/12 at Site 1056, Blake-Bahama Outer Ridge. <i>Marine Geology</i> , 2002 , 189, 79-105	3.3	23
61	Geochemical cycles in sediments deposited on the slopes of the Guaymas and Carmen Basins of the Gulf of California over the last 180 years. <i>Quaternary Science Reviews</i> , 2004 , 23, 1817-1833	3.9	23
60	Comparison of $\delta^{13}C$, $\delta^{15}N$, and fluxes with fluxes of major sediment components in the Guaymas Basin, Gulf of California. <i>Marine Chemistry</i> , 1999 , 65, 177-194	3.7	23
59	Temporal variability in sediment fluxes in the San Pedro Basin, southern California bight. <i>Continental Shelf Research</i> , 1994 , 14, 333-352	2.4	23
58	Synchronous deglacial thermocline and deep-water ventilation in the eastern equatorial Pacific. <i>Nature Communications</i> , 2017 , 8, 14203	17.4	22
57	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. <i>Quaternary Science Reviews</i> , 2009 , 28, 2374-2385	3.9	22
56	Danian faunal succession: Planktonic foraminiferal response to a changing marine environment. <i>Geology</i> , 1987 , 15, 665	5	22
55	Late Pleistocene glacial/interglacial changes in planktonic foraminiferal biofacies and Carbonate dissolution patterns in the Vema Channel. <i>Marine Geology</i> , 1984 , 58, 101-122	3.3	22
54	Particulate sulfur species in the water column of the Cariaco Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 148-163	5.5	21
53	Late Miocene/Early Pliocene planktonic foraminiferal biostratigraphy and paleoceanography of low-latitude marine sequences. <i>Marine Micropaleontology</i> , 1981 , 6, 71-90	1.7	21
52	Phosphorus composition of sinking particles in the Guaymas Basin, Gulf of California. <i>Limnology and Oceanography</i> , 2011 , 56, 1093-1105	4.8	20
51	Sedimentological evidence for early Miocene fault reactivation in the Gulf of Suez. <i>Geology</i> , 1988 , 16, 113	5	20
50	Calcification of the planktonic foraminifera <i>Globigerina bulloides</i> and carbonate ion concentration: Results from the Santa Barbara Basin. <i>Paleoceanography</i> , 2016 , 31, 1083-1102		20

49	Modelling river discharge and precipitation from estuarine salinity in the northern Chesapeake Bay: application to Holocene palaeoclimate. <i>Holocene</i> , 2006 , 16, 467-477	2.6	19
48	Holocene paleomagnetic secular variation records from the western Equatorial Pacific Ocean. <i>Earth and Planetary Science Letters</i> , 2006 , 246, 381-392	5.3	19
47	Changes in deep and intermediate water properties in the western North Atlantic during marine isotope stages 11-12: evidence from ODP Leg 172. <i>Marine Geology</i> , 2002 , 189, 63-77	3.3	19
46	Comparison of TEX86 and $\delta^{13}C_{org}$. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013 , 78, 115-133	2.5	18
45	Mid-depth respired carbon storage and oxygenation of the eastern equatorial Pacific over the last 25,000 years. <i>Quaternary Science Reviews</i> , 2018 , 189, 43-56	3.9	18
44	Phytoplankton community structure and depth distribution changes in the Cariaco Basin between 1996 and 2010. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015 , 101, 27-37	2.5	17
43	The Scientific Legacy of the CARIACO Ocean Time-Series Program. <i>Annual Review of Marine Science</i> , 2019 , 11, 413-437	15.4	17
42	Vertical fluxes of particulate biogenic material through the euphotic and twilight zones in the Cariaco Basin, Venezuela. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012 , 67, 73-84	2.5	17
41	The oxygen-isotope composition of tropical ocean surface water during the last deglaciation. <i>Quaternary Science Reviews</i> , 1993 , 12, 465-473	3.9	17
40	Evaluating controls on planktonic foraminiferal geochemistry in the Eastern Tropical North Pacific. <i>Earth and Planetary Science Letters</i> , 2016 , 452, 90-103	5.3	16
39	Planktonic foraminiferal response to the 1997-1998 El Niño: A sediment-trap record from the Santa Barbara Basin. <i>Geology</i> , 2001 , 29, 1075	5	16
38	Carbonate sedimentation beneath the Antarctic Circumpolar Current during the late Quaternary. <i>Marine Geology</i> , 1983 , 51, 293-326	3.3	16
37	Shelf exposure influence on Indo-Pacific Warm Pool climate for the last 450,000 years. <i>Earth and Planetary Science Letters</i> , 2019 , 516, 66-76	5.3	15
36	Sources of $\delta^{15}N$ variability in sinking particulate nitrogen in the Cariaco Basin, Venezuela. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 93, 96-107	2.3	15
35	Biogenic nitrogen gas production at the oxic-anoxic interface in the Cariaco Basin, Venezuela. <i>Biogeosciences</i> , 2013 , 10, 267-279	4.6	14
34	Dinoflagellate cyst production in the Cariaco Basin: A 12.5 year-long sediment trap study. <i>Progress in Oceanography</i> , 2019 , 171, 175-211	3.8	13
33	Physico-chemical and biological factors influencing dinoflagellate cyst production in the Cariaco Basin. <i>Biogeosciences</i> , 2018 , 15, 2325-2348	4.6	13
32	Cycling of suspended particulate phosphorus in the redoxcline of the Cariaco Basin. <i>Marine Chemistry</i> , 2015 , 176, 64-74	3.7	12

31	Quantifying the seasonal variations in fluvial and eolian sources of terrigenous material to Cariaco Basin, Venezuela. <i>Journal of South American Earth Sciences</i> , 2009 , 27, 197-210	2	12
30	Changes in wind-driven upwelling during the last three centuries: Interocean teleconnections. <i>Geophysical Research Letters</i> , 2006 , 33,	4-9	12
29	Diagenetic effects on particulate phosphorus samples collected using formalin-poisoned sediment traps. <i>Limnology and Oceanography: Methods</i> , 2005 , 3, 308-317	2.6	12
28	Laminated sediments from the Vrica section (Calabria, S. Italy): evidence for plio-pleistocene climatic change in the Mediterranean region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1990 , 78, 195-216	2.9	12
27	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 Site 1058). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010 , 295, 89-101	2.9	11
26	Direct comparison of marine and terrestrial climate variability during marine isotope stages 6 and 5: Results from Santa Barbara Basin ODP Hole 893A. <i>Paleoceanography</i> , 2002 , 17, 2-1-2-12		11
25	Late Tertiary/Quaternary magnetostratigraphy and biostratigraphy of Vema Channel sediments. <i>Marine Geology</i> , 1984 , 58, 89-100	3-3	11
24	Decadal to centennial fluctuations in the intensity of the eastern tropical North Pacific oxygen minimum zone during the last 1200 years. <i>Paleoceanography</i> , 2016 , 31, 1138-1151		10
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