

# Eric J Tappa

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,272  
citations

361413

20  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronology of the pleistocene oxygen isotope record: 0â€“1.88 m.y. B.P. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1988, 64, 221-240.	2.3	184
2	Nitrogen isotopic variations in the Gulf of California since the Last Deglaciation: Response to global climate change. <i>Paleoceanography</i> , 1999, 14, 397-409.	3.0	114
3	Sediment fluxes and varve formation in Santa Barbara Basin, offshore California. <i>Geology</i> , 1995, 23, 1083.	4.4	94
4	Sea-surface temperature anomalies associated with the 1997â€“1998 El NiÃ±o recorded in the oxygen isotope composition of planktonic foraminifera. <i>Geology</i> , 1999, 27, 843.	4.4	82
5	Increased marine sediment suspension and fluxes following an earthquake. <i>Nature</i> , 1999, 398, 233-236.	27.8	66
6	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.	3.0	65
7	Oceanographic considerations for the application of the alkenone-based paleotemperature U37Kâ€² index in the Gulf of California. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 545-557.	3.9	55
8	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.	1.4	55
9	Biogenic silica fluxes and accumulation rates in the Gulf of California. <i>Geology</i> , 1994, 22, 303-306.	4.4	48
10	Oceanographic and climatologic controls on the compositions and fluxes of biogenic materials in the water column and sediments of the Cariaco Basin over the Late Holocene. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 614-640.	1.4	45
11	Interannual variability in sea surface temperature and fCO2 changes in the Cariaco Basin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 93, 33-43.	1.4	37
12	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.	1.4	36
13	The Scientific Legacy of the CARIACO Ocean Time-Series Program. <i>Annual Review of Marine Science</i> , 2019, 11, 413-437.	11.6	33
14	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.	2.3	31
15	Particulate sulfur species in the water column of the Cariaco Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 148-163.	3.9	30
16	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.	3.0	30
17	Temporal variability in sediment fluxes in the San Pedro Basin, southern California bight. <i>Continental Shelf Research</i> , 1994, 14, 333-352.	1.8	29
18	Mechanisms of southern Caribbean SST variability over the last two millennia. <i>Geophysical Research Letters</i> , 2013, 40, 5954-5958.	4.0	29

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19	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.	1.4	26
20	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.	2.1	22
21	Evaluating controls on planktonic foraminiferal geochemistry in the Eastern Tropical North Pacific. <i>Earth and Planetary Science Letters</i> , 2016, 452, 90-103.	4.4	22
22	Planktonic foraminiferal response to the 1997-1998 El Niño: A sediment-trap record from the Santa Barbara Basin. <i>Geology</i> , 2001, 29, 1075.	4.4	20
23	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.	1.4	17
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.	3.0	15
25	Physico-chemical and biological factors influencing dinoflagellate cyst production in the Cariaco Basin. <i>Biogeosciences</i> , 2018, 15, 2325-2348.	3.3	15
26	Dinoflagellate cyst production in the Cariaco Basin: A 12.5-year-long sediment trap study. <i>Progress in Oceanography</i> , 2019, 171, 175-211.	3.2	15
27	Diagenetic effects on particulate phosphorus samples collected using formalin-poisoned sediment traps. <i>Limnology and Oceanography: Methods</i> , 2005, 3, 308-317.	2.0	14
28	Ongoing Increase in Eastern Tropical North Pacific Denitrification as Interpreted Through the Santa Barbara Basin Sedimentary $\delta^{15}N$ Record. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1554-1567.	2.9	12
29	Late Tertiary/Quaternary magnetostratigraphy and biostratigraphy of Vema Channel sediments. <i>Marine Geology</i> , 1984, 58, 89-100.	2.1	11
30	Centennial OMZ changes in the NW Mexican Margin from geochemical and foraminiferal sedimentary records. <i>Continental Shelf Research</i> , 2019, 176, 64-75.	1.8	7
31	The Impacts of Flood, Drought, and Turbidites on Organic Carbon Burial Over the Past 2,000 Years in the Santa Barbara Basin, California. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003849.	2.9	6
32	A Sediment Trap Evaluation of B/Ca as a Carbonate System Proxy in Asymbiotic and Nondinoflagellate Hosting Planktonic Foraminifera. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003682.	2.9	3
33	The influence of rapid, millennial scale climate change on nitrogen isotope dynamics of the Cariaco Basin during marine isotope stage 3. <i>Paleoceanography</i> , 2015, 30, 253-268.	3.0	2
34	Gondwanan fragments in the southern Appalachians. <i>Geological Society Special Publication</i> , 2020, , SP503-2019-249.	1.3	2
35	Dr. Robert C. Thunell: A 40-Year Career of Outstanding Science, Service, and Education in Paleoceanography and Paleoclimatology. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003786.	2.9	0