

Larry C Peterson

List of Publications by Year in descending order

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44
papers

7,025
citations

201674

27
h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

5570
citing authors

#	ARTICLE	IF	CITATIONS
1	Southward Migration of the Intertropical Convergence Zone Through the Holocene. <i>Science</i> , 2001, 293, 1304-1308.	12.6	1,852
2	Climate and the Collapse of Maya Civilization. <i>Science</i> , 2003, 299, 1731-1735.	12.6	807
3	Influence of the intertropical convergence zone on the East Asian monsoon. <i>Nature</i> , 2007, 445, 74-77.	27.8	781
4	Rapid climate changes in the tropical Atlantic region during the last deglaciation. <i>Nature</i> , 1996, 380, 51-54.	27.8	486
5	Synchronicity of Tropical and High-Latitude Atlantic Temperatures over the Last Glacial Termination. <i>Science</i> , 2003, 301, 1361-1364.	12.6	378
6	Deglacial changes in ocean circulation from an extended radiocarbon calibration. <i>Nature</i> , 1998, 391, 65-68.	27.8	360
7	Links between tropical rainfall and North Atlantic climate during the last glacial period. <i>Nature Geoscience</i> , 2013, 6, 213-217.	12.9	303
8	Mechanisms of abrupt climate change of the last glacial period. <i>Reviews of Geophysics</i> , 2008, 46, .	23.0	288
9	Variability in the mean latitude of the Atlantic Intertropical Convergence Zone as recorded by riverine input of sediments to the Cariaco Basin (Venezuela). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 234, 97-113.	2.3	221
10	Eight Centuries of North Atlantic Ocean Atmosphere Variability. <i>Science</i> , 1999, 286, 1709-1713.	12.6	218
11	Glacial/interglacial variations in production and nitrogen fixation in the Cariaco Basin during the last 580 kyr. <i>Paleoceanography</i> , 1998, 13, 427-432.	3.0	148
12	Climate change in the circum-North Atlantic region during the last deglaciation. <i>Nature</i> , 1989, 338, 553-557.	27.8	127
13	An 8 th -century tropical Atlantic SST record from the Cariaco Basin: Baseline variability, twentieth-century warming, and Atlantic hurricane frequency. <i>Paleoceanography</i> , 2007, 22, .	3.0	106
14	Climate-induced variations in productivity and planktonic ecosystem structure from the Younger Dryas to Holocene in the Cariaco Basin, Venezuela. <i>Paleoceanography</i> , 2000, 15, 19-29.	3.0	98
15	Molybdenum accumulation in Cariaco basin sediment over the past 24 k.y.: A record of water-column anoxia and climate. <i>Geology</i> , 1999, 27, 507.	4.4	89
16	Late Quaternary climate change from $\delta^{18}O$ records of multiple species of planktonic foraminifera: High-resolution records from the Anoxic Cariaco Basin, Venezuela. <i>Paleoceanography</i> , 1997, 12, 415-427.	3.0	87
17	DROUGHT AND THE MAYA COLLAPSE. <i>Ancient Mesoamerica</i> , 2007, 18, 283-302.	0.3	84
18	A New $\delta^{14}C$ Calibration Data Set for the Last Deglaciation Based on Marine Varves. <i>Radiocarbon</i> , 1997, 40, 483-494.	1.8	56

#	ARTICLE	IF	CITATIONS
19	The nature of varved sedimentation in the Cariaco Basin, Venezuela, and its palaeoclimatic significance. <i>Geological Society Special Publication</i> , 1996, 116, 171-183.	1.3	55
20	Modern climate forcing of terrigenous deposition in the tropics (Cariaco Basin, Venezuela). <i>Earth and Planetary Science Letters</i> , 2007, 264, 438-451.	4.4	51
21	Bundled turbidite deposition in the central Pandora Trough (Gulf of Papua) since Last Glacial Maximum: Linking sediment nature and accumulation to sea level fluctuations at millennial timescale. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	48
22	A 2000-year record of Caribbean and tropical North Atlantic hydrographic variability. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	43
23	Excess ²¹⁰ Pb inventories and fluxes along the continental slope and basins of the Gulf of Papua. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	43
24	Neogene evolution of the mixed carbonate-siliciclastic system in the Gulf of Papua, Papua New Guinea. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	42
25	A 0.6 million year record of millennial-scale climate variability in the tropics. <i>Geophysical Research Letters</i> , 2014, 41, 969-975.	4.0	34
26	Indirect climatic control of the clay mineral composition of Quaternary sediments from the Cariaco basin, northern Venezuela (ODP Site 1002). <i>Marine Geology</i> , 1999, 161, 191-206.	2.1	31
27	Mechanisms of southern Caribbean SST variability over the last two millennia. <i>Geophysical Research Letters</i> , 2013, 40, 5954-5958.	4.0	29
28	Detailed sedimentary N isotope records from Cariaco Basin for Terminations I and V: Local and global implications. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	4.9	24
29	2,100 years of human adaptation to climate change in the High Andes. <i>Nature Ecology and Evolution</i> , 2020, 4, 66-74.	7.8	24
30	Middle to late Holocene initiation of the annual flood pulse in Tonle Sap Lake, Cambodia. <i>Journal of Paleolimnology</i> , 2011, 45, 85-99.	1.6	20
31	Benthic Foraminiferal response to sea level change in the mixed siliciclastic-carbonate system of southern Ashmore Trough (Gulf of Papua). <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	16
32	Intercomparison of XRF Core Scanning Results From Seven Labs and Approaches to Practical Calibration. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009248.	2.5	16
33	Late Pleistocene and Holocene sedimentation, organic carbon delivery, and paleoclimatic inferences on the continental slope of the northern Pandora Trough, Gulf of Papua. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	15
34	Long-term tidal cycle influences on a Late-Holocene clay mineralogy record from the Cariaco Basin. <i>Earth and Planetary Science Letters</i> , 2009, 279, 139-146.	4.4	13
35	Yancheva et al. reply. <i>Nature</i> , 2007, 450, E8-E9.	27.8	9
36	Timescale dependent sedimentary record during the past 130 kyr from a tropical mixed siliciclastic-carbonate shelf edge and slope: Ashmore Trough (southern Gulf of Papua). <i>Sedimentology</i> , 2021, 68, 2606-2648.	3.1	8

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37	Yancheva et al. reply. Nature, 2007, 450, E11-E11.	27.8	6
38	Fingerprint of tropical climate variability and sea level in sediments of the Cariaco Basin during the last glacial period. Sedimentology, 2019, 66, 1967-1988.	3.1	5
39	The influence of rapid, millennial scale climate change on nitrogen isotope dynamics of the Cariaco Basin during marine isotope stage 3. Paleoclimatology, 2015, 30, 253-268.	3.0	2
40	Data report: X-ray fluorescence scanning of Site U1427, Yamato Basin, Expedition 346. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	2
41	Reconstructing ocean history: A window into the future. Eos, 2001, 82, 477-477.	0.1	0
42	Eighth International Conference on Paleoclimatology. Eos, 2005, 86, 68.	0.1	0
43	A new record of climate variability in the Gulf of Mexico for the last millennium. Geology, 2007, 35, 479.	4.4	0
44	Multi-Proxy Elemental and Isotopic Analysis of Toxodon Sp. Dental Enamel: Climate, Diet, Growth, and Mobility. The Paleontological Society Special Publications, 2014, 13, 44-44.	0.0	0