

# Nicklas G Pisiias

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

7,312  
citations

172457

29  
h-index

330143

37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

5057  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age Dating and the Orbital Theory of the Ice Ages: Development of a High-Resolution 0 to 300,000-Year Chronostratigraphy. <i>Quaternary Research</i> , 1987, 27, 1-29.	1.7	3,022
2	The middle Pleistocene transition: characteristics, mechanisms, and implications for long-term changes in atmospheric pCO <sub>2</sub> . <i>Quaternary Science Reviews</i> , 2006, 25, 3150-3184.	3.0	827
3	The role of the thermohaline circulation in abrupt climate change. <i>Nature</i> , 2002, 415, 863-869.	27.8	714
4	Graphic correlation of oxygen isotope stratigraphy application to the Late Quaternary. <i>Paleoceanography</i> , 1986, 1, 137-162.	3.0	349
5	A direct link between the China loess and marine $\delta^{18}O$ records: aeolian flux to the north Pacific. <i>Nature</i> , 1989, 340, 296-298.	27.8	298
6	ENSO-like Forcing on Oceanic Primary Production During the Late Pleistocene. <i>Science</i> , 2001, 293, 2440-2444.	12.6	261
7	Foraminiferal faunal estimates of paleotemperature: Circumventing the No-analog problem yields cool Ice Age tropics. <i>Paleoceanography</i> , 1999, 14, 350-359.	3.0	212
8	Paleoceanography of the Santa Barbara Basin During the Last 8000 Years. <i>Quaternary Research</i> , 1978, 10, 366-384.	1.7	139
9	Spatial and temporal oceanographic variability of the eastern equatorial Pacific during the Late Pleistocene: Evidence from radiolaria microfossils. <i>Paleoceanography</i> , 1997, 12, 381-393.	3.0	124
10	Late Pleistocene paleoclimatology of the central equatorial Pacific: Sea surface response to the southeast Trade Winds. <i>Paleoceanography</i> , 1988, 3, 21-37.	3.0	123
11	Planktonic foraminiferal assemblages preserved in surface sediments correspond to multiple environment variables. <i>Quaternary Science Reviews</i> , 2005, 24, 925-950.	3.0	103
12	Late Pleistocene Paleoclimatology of the Central Equatorial Pacific: A Quantitative Record of Eolian and Carbonate Deposition. <i>Quaternary Research</i> , 1987, 28, 323-339.	1.7	93
13	Rapid climate oscillations in the Northeast Pacific during the last deglaciation reflect Northern and Southern Hemisphere sources. <i>Geophysical Monograph Series</i> , 1999, , 127-148.	0.1	90
14	Radiolarian-based transfer functions for estimating mean surface ocean temperatures and seasonal range. <i>Paleoceanography</i> , 1997, 12, 365-379.	3.0	73
15	Late Pleistocene Paleoclimatology of the Central Equatorial Pacific: Flux Patterns of Biogenic Sediments. <i>Paleoceanography</i> , 1991, 6, 227-244.	3.0	64
16	Modelling the global climate response to orbital forcing and atmospheric carbon dioxide changes. <i>Nature</i> , 1984, 310, 757-759.	27.8	63
17	Sea Surface Temperature Changes in the Northeastern Pacific Ocean during the Past 20,000 Years and Their Relationship to Climate Change in Northwestern North America. <i>Quaternary Research</i> , 1996, 46, 48-61.	1.7	62
18	Nonlinear response in the global climate system: Evidence from benthic oxygen isotopic record in core RC13a-110. <i>Paleoceanography</i> , 1990, 5, 147-160.	3.0	59

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19	Climate evolution across the Mid-Brunhes Transition. <i>Climate of the Past</i> , 2018, 14, 2071-2087.	3.4	58
20	Glacial-interglacial sediment transport to the Meiji Drift, northwest Pacific Ocean: Evidence for timing of Beringian outwashing. <i>Earth and Planetary Science Letters</i> , 2009, 277, 64-72.	4.4	51
21	Spectral Analysis of Late Pleistocene-Holocene Sediments. <i>Quaternary Research</i> , 1973, 3, 3-9.	1.7	50
22	Radiolarian and silicoflagellate response to oceanographic changes associated with the 1983 El Niño. <i>Nature</i> , 1986, 320, 259-262.	27.8	48
23	Mechanisms for an $\sim 47$ -kyr climate and sea-level oscillation during marine isotope stage 3. <i>Geophysical Monograph Series</i> , 2007, , 209-246.	0.1	47
24	A Method for the Quantitative Estimation of Clay Minerals in North Pacific Deep-Sea Sediments. <i>Clays and Clay Minerals</i> , 1979, 27, 175-184.	1.3	44
25	A 420,000-year record of cyclicity in oceanic and atmospheric processes from the eastern equatorial Pacific. <i>Paleoceanography</i> , 1986, 1, 577-586.	3.0	44
26	Multivariate statistical analysis and partitioning of sedimentary geochemical data sets: General principles and specific MATLAB scripts. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 4015-4020.	2.5	43
27	Model for Paleooceanographic Reconstructions of the California Current During the Last 8000 Years. <i>Quaternary Research</i> , 1979, 11, 373-386.	1.7	39
28	Late Quaternary Sediment of the Panama Basin: Sedimentation Rates, Periodicities, and Controls of Carbonate and Opal Accumulation. <i>Memoir of the Geological Society of America</i> , 1976, , 375-392.	0.5	35
29	Oxygen isotope analyses and deep-sea temperature changes: implications for rates of oceanic mixing. <i>Nature</i> , 1988, 331, 249-251.	27.8	34
30	Late Pleistocene time series of atmospheric and oceanic variables recorded in sediments from the Subarctic Pacific. <i>Paleoceanography</i> , 1987, 2, 49-62.	3.0	32
31	Carbonate deposition and benthic $\delta^{13}C$ in the subarctic Pacific: implications for changes of the oceanic carbonate system during the past 750,000 years. <i>Earth and Planetary Science Letters</i> , 1991, 103, 116-132.	4.4	31
32	Lag times for oceanic responses to climatic change. <i>Nature</i> , 1975, 256, 716-717.	27.8	20
33	Interpreting Iceberg Deposits in the Deep Sea. <i>Science</i> , 2000, 290, 51c-52.	12.6	20
34	Radiolaria and pollen records from 0 to 50ka at ODP Site 1233: continental and marine climate records from the Southeast Pacific. <i>Quaternary Science Reviews</i> , 2006, 25, 455-473.	3.0	19
35	Vertical water mass circulation and the distribution of radiolaria in surface sediments of the Gulf of California. <i>Marine Micropaleontology</i> , 1986, 10, 189-205.	1.2	10
36	Three-dimensional visualization of orbital forcing and climatic response: Interactively exploring the pacemaker of the ice ages. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1996, 85, 505-512.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Changes in Calcium Carbonate Accumulation in the Equatorial Pacific During the Late Cenozoic: Evidence from HPC Site 572. <i>Geophysical Monograph Series</i> , 0, , 443-454.	0.1	5
38	Three-dimensional visualization of orbital forcing and climatic reponse: interactively exploring the pacemaker of the ice ages. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1996, 85, 505.	1.3	1