

# James P Kennett

## List of Publications by Year in descending order

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117  
papers

10,122  
citations

44444

50  
h-index

40945

97  
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121  
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121  
docs citations

121  
times ranked

7101  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Tunguska sized airburst destroyed Tall el-Hammam a Middle Bronze Age city in the Jordan Valley near the Dead Sea. <i>Scientific Reports</i> , 2021, 11, 18632.	1.6	20
2	Extraordinary Biomass-Burning Episode and Impact Winter Triggered by the Younger Dryas Cosmic Impact ~12,800 Years Ago: A Reply. <i>Journal of Geology</i> , 2020, 128, 95-107.	0.7	7
3	Evidence of Cosmic Impact at Abu Hureyra, Syria at the Younger Dryas Onset (~12.8 ka): High-temperature melting at >2200°C. <i>Scientific Reports</i> , 2020, 10, 4185.	1.6	26
4	Sedimentary record from Patagonia, southern Chile supports cosmic-impact triggering of biomass burning, climate change, and megafaunal extinctions at 12.8 ka. <i>Scientific Reports</i> , 2019, 9, 4413.	1.6	50
5	Extraordinary Biomass-Burning Episode and Impact Winter Triggered by the Younger Dryas Cosmic Impact ~12,800 Years Ago. 1. Ice Cores and Glaciers. <i>Journal of Geology</i> , 2018, 126, 165-184.	0.7	43
6	Extraordinary Biomass-Burning Episode and Impact Winter Triggered by the Younger Dryas Cosmic Impact ~12,800 Years Ago. 2. Lake, Marine, and Terrestrial Sediments. <i>Journal of Geology</i> , 2018, 126, 185-205.	0.7	65
7	Oxygen minimum zone biotic baseline transects for paleoceanographic reconstructions in Santa Barbara Basin, CA. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 150, 118-131.	0.6	4
8	Widespread platinum anomaly documented at the Younger Dryas onset in North American sedimentary sequences. <i>Scientific Reports</i> , 2017, 7, 44031.	1.6	48
9	Community benthic paleoecology from high-resolution climate records: Mollusca and foraminifera in post-glacial environments of the California margin. <i>Quaternary Science Reviews</i> , 2017, 155, 179-197.	1.4	14
10	Reply to Holliday and Boslough et al.: Synchronicity of widespread Bayesian-modeled ages supports Younger Dryas impact hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6723-4.	3.3	5
11	Abrupt termination of Marine Isotope Stage 16 (Termination VII) at 631.5 ka in Santa Barbara Basin, California. <i>Paleoceanography</i> , 2015, 30, 1373-1390.	3.0	10
12	Bayesian chronological analyses consistent with synchronous age of 12,835±12,735 Cal B.P. for Younger Dryas boundary on four continents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4344-53.	3.3	86
13	Response of seafloor ecosystems to abrupt global climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4684-4689.	3.3	58
14	Nanodiamond-Rich Layer across Three Continents Consistent with Major Cosmic Impact at 12,800 Cal BP. <i>Journal of Geology</i> , 2014, 122, 475-506.	0.7	54
15	Vertical oxygen minimum zone oscillations since 20 ka in Santa Barbara Basin: A benthic foraminiferal community perspective. <i>Paleoceanography</i> , 2014, 29, 44-57.	3.0	47
16	Reply to Boslough et al.: Decades of comet research counter their claims. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4171.	3.3	5
17	Evidence for deposition of 10 million tonnes of impact spherules across four continents 12,800 y ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2088-97.	3.3	113
18	Reply to van Hoesel et al.: Impact-related Younger Dryas boundary nanodiamonds from The Netherlands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3897-8.	3.3	2

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19	Millennial-scale variability to 735 ka: High-resolution climate records from Santa Barbara Basin, CA. <i>Paleoceanography</i> , 2013, 28, 213-226.	3.0	10
20	Very high-temperature impact melt products as evidence for cosmic airbursts and impacts 12,900 years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1903-12.	3.3	97
21	Evidence from central Mexico supporting the Younger Dryas extraterrestrial impact hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E738-47.	3.3	91
22	Millennial scale changes in sea surface temperature and ocean circulation in the northeast Pacific, 10-60 kyr BP. <i>Paleoceanography</i> , 2012, 27, .	3.0	25
23	Discovery of a nanodiamond-rich layer in the Greenland ice sheet. <i>Journal of Glaciology</i> , 2010, 56, 747-757.	1.1	35
24	Geochemical data reported by Paquay et al. do not refute Younger Dryas impact event. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E58; author reply E59-60.	3.3	7
25	Resolving the cause of large differences between deglacial benthic foraminifera radiocarbon measurements in Santa Barbara Basin. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	24
26	Shock-synthesized hexagonal diamonds in Younger Dryas boundary sediments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12623-12628.	3.3	84
27	Effects of carbon dioxide sequestration on California margin deep-sea foraminiferal assemblages. <i>Marine Micropaleontology</i> , 2009, 72, 165-175.	0.5	24
28	Middle Miocene ice sheet dynamics, deep-sea temperatures, and carbon cycling: A Southern Ocean perspective. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	159
29	Seasonal stability in Late Holocene shellfish harvesting on the central California coast. <i>Journal of Archaeological Science</i> , 2008, 35, 2286-2294.	1.2	35
30	The effect of submerged plateaux on Pleistocene gyral circulation and sea-surface temperatures in the Southwest Pacific. <i>Global and Planetary Change</i> , 2008, 63, 309-316.	1.6	55
31	Human responses to Middle Holocene climate change on California's Channel Islands. <i>Quaternary Science Reviews</i> , 2007, 26, 351-367.	1.4	93
32	Cenozoic Antarctic cryosphere evolution: Tales from deep-sea sedimentary records. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 2308-2324.	0.6	19
33	<sup>14</sup> C reservoir ages show deglacial changes in ocean currents and carbon cycle. <i>Geophysical Monograph Series</i> , 2007, , 175-196.	0.1	46
34	Late Quaternary changes in intermediate water oxygenation and oxygen minimum zone, northern Japan: A benthic foraminiferal perspective. <i>Paleoceanography</i> , 2007, 22, .	3.0	45
35	Tropical Pacific - mid-latitude teleconnections in medieval times. <i>Climatic Change</i> , 2007, 83, 241-285.	1.7	195
36	Influence of Holocene marine transgression and climate change on cultural evolution in southern Mesopotamia. , 2007, , 229-264.		11

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37	Middle Holocene climate change and human population dispersal in western North America. , 2007, , 531-557.		3
38	Early State Formation in Southern Mesopotamia: Sea Levels, Shorelines, and Climate Change. Journal of Island and Coastal Archaeology, 2006, 1, 67-99.	0.6	97
39	Planktic foraminiferal and sea surface temperature record during the last 1 Myr across the Subtropical Front, Southwest Pacific. Marine Micropaleontology, 2005, 54, 191-212.	0.5	53
40	Structure of the penultimate deglaciation along the California margin and implications for Milankovitch theory. Geology, 2005, 33, 157.	2.0	32
41	A one-million-year history of a north-south segment of the Subtropical Front, east of New Zealand. Paleoceanography, 2005, 20, n/a-n/a.	3.0	19
42	Tectonics and basin development of the offshore Tasmanian area incorporating results from deep ocean drilling. Geophysical Monograph Series, 2004, , 19-42.	0.1	17
43	Cenozoic environments in the Tasmanian area of the Southern Ocean (ODP Leg 189): Inferences from bulk and clay mineralogy. Geophysical Monograph Series, 2004, , 43-62.	0.1	3
44	Magnetostratigraphy of the Pliocene-Pleistocene sequence and of the Eocene-Oligocene Transition at ODP Leg 189 Hole 1168. Geophysical Monograph Series, 2004, , 79-92.	0.1	0
45	On the search for the Paleocene/Eocene boundary in the Southern Ocean: Exploring ODP Leg 189 holes 1171D and 1172D, Tasman Sea. Geophysical Monograph Series, 2004, , 113-125.	0.1	15
46	A chemostratigraphic and geochemical facies analysis of strata deposited in an Eocene Australo-Antarctic Seaway: Is cyclicality evidence for glacioeustasy?. Geophysical Monograph Series, 2004, , 153-172.	0.1	2
47	Early to Middle Miocene paleoceanography in the southern high latitudes off Tasmania. Geophysical Monograph Series, 2004, , 215-233.	0.1	4
48	Paleoceanographic change during the Middle Miocene climate revolution: An Antarctic stable isotope perspective. Geophysical Monograph Series, 2004, , 235-251.	0.1	11
49	A deep-sea record of the Late Miocene carbon shift from the southern Tasman Sea. Geophysical Monograph Series, 2004, , 273-290.	0.1	3
50	Tectono-sedimentary history of uppermost Cretaceous through Oligocene sequences from the Tasmanian region: A temperate Antarctic margin. Geophysical Monograph Series, 2004, , 319-344.	0.1	8
51	Paleoceanographic evolution of the Tasmanian Seaway and its climatic implications. Geophysical Monograph Series, 2004, , 345-367.	0.1	17
52	Middle Miocene Southern Ocean Cooling and Antarctic Cryosphere Expansion. Science, 2004, 305, 1766-1770.	6.0	458
53	North Pacific Intermediate Water response to a modern climate warming shift. Journal of Geophysical Research, 2003, 108, .	3.3	15
54	Tropical forcing of North Pacific intermediate water distribution during Late Quaternary rapid climate change?. Quaternary Science Reviews, 2003, 22, 673-689.	1.4	81

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55	Holocene foraminiferal radiocarbon record of paleocirculation in the Santa Barbara Basin. <i>Geology</i> , 2003, 31, 379.	2.0	26
56	Causes and consequences of a middle Pleistocene origin of the modern planktonic foraminifer <i>Neogloboquadrina pachyderma sinistral</i> . <i>Geology</i> , 2002, 30, 539.	2.0	33
57	Relationship of clathrate instability to sediment deformation in the upper Neogene of California. <i>Geology</i> , 2000, 28, 215.	2.0	35
58	Competitive and Cooperative Responses to Climatic Instability in Coastal Southern California. <i>American Antiquity</i> , 2000, 65, 379-395.	0.6	193
59	Paleoceanographic change during the last deglaciation, east Sea of Korea. <i>Paleoceanography</i> , 2000, 15, 254-266.	3.0	53
60	Dansgaard-Oeschger Cycles and the California Current System: Planktonic foraminiferal response to rapid climate change in Santa Barbara Basin, Ocean Drilling Program Hole 893A. <i>Paleoceanography</i> , 2000, 15, 30-42.	3.0	147
61	Segregation and speciation in the Neogene planktonic foraminiferal clade <i>Globoconella</i> . <i>Paleobiology</i> , 1999, 25, 383-395.	1.3	14
62	Climatically related millennial-scale fluctuations in strength of California margin oxygen-minimum zone during the past 60 k.y.. <i>Geology</i> , 1999, 27, 975.	2.0	129
63	Marine evidence for episodic Holocene megafloods in North America and the northern Gulf of Mexico. <i>Paleoceanography</i> , 1999, 14, 498-510.	3.0	27
64	Biotic response to late Quaternary rapid climate switches in Santa Barbara Basin: Ecological and evolutionary implications. <i>Geology</i> , 1999, 27, 63.	2.0	150
65	Latest Quaternary North Pacific surface-water responses imply atmosphere-driven climate instability. <i>Geology</i> , 1999, 27, 291.	2.0	159
66	Paleoenvironmental changes associated with the Holocene marine transgression, Yellow Sea (Hwanghae). <i>Marine Micropaleontology</i> , 1998, 34, 71-89.	0.5	84
67	Megaflood erosion and meltwater plumbing changes during last North American deglaciation recorded in Gulf of Mexico sediments. <i>Geology</i> , 1998, 26, 599.	2.0	47
68	Antarctic continental weathering changes during Eocene-Oligocene cryosphere expansion: Clay mineral and oxygen isotope evidence. <i>Geology</i> , 1997, 25, 587.	2.0	50
69	Brief interstadial events in the Santa Barbara basin, NE Pacific, during the past 60 kyr. <i>Nature</i> , 1996, 379, 243-246.	13.7	539
70	Isotopic evidence for interspecies habitat differences during evolution of the Neogene planktonic foraminiferal clade <i>Globoconella</i> . <i>Paleobiology</i> , 1996, 22, 282-303.	1.3	34
71	A 20,000-year record of ocean circulation and climate change from the Santa Barbara basin. <i>Nature</i> , 1995, 377, 510-514.	13.7	312
72	Middle Miocene deepwater paleoceanography in the southwest Pacific: Relations with East Antarctic Ice Sheet development. <i>Paleoceanography</i> , 1995, 10, 1095-1112.	3.0	156

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73	Antarctic subtropical humid episode at the Paleocene-Eocene boundary: Clay-mineral evidence. <i>Geology</i> , 1994, 22, 211.	2.0	239
74	The middle Miocene climatic transition: East Antarctic ice sheet development, deep ocean circulation and global carbon cycling. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994, 108, 537-555.	1.0	713
75	Vertical thermal structure evolution of Miocene surface waters: Western equatorial Pacific DSDP Site 289. <i>Marine Micropaleontology</i> , 1993, 22, 235-254.	0.5	33
76	Relations between Monterey Formation deposition and middle Miocene global cooling: Naples Beach section, California. <i>Geology</i> , 1993, 21, 877.	2.0	67
77	Evidence for Relative Climatic Stability of Antarctica During the Early Pliocene: A Marine Perspective. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1993, 75, 205-220.	0.6	35
78	Paleocene and Eocene kaolinite distribution in the South Atlantic and Southern Ocean: Antarctic climatic and paleoceanographic implications. <i>Marine Geology</i> , 1992, 103, 99-110.	0.9	84
79	Paleoceanographic significance of Neogene benthic foraminiferal changes in a southwest Pacific bathyal depth transect. <i>Marine Micropaleontology</i> , 1992, 19, 181-199.	0.5	17
80	Routing of meltwater from the Laurentide Ice Sheet during the Younger Dryas cold episode. <i>Nature</i> , 1989, 341, 318-321.	13.7	530
81	New constraints on early Tertiary palaeoproductivity from carbon isotopes in foraminifera. <i>Nature</i> , 1989, 342, 526-529.	13.7	47
82	Stable isotope stratigraphy of Latest Miocene sequences in northwest Morocco: The Bou Regreg section. <i>Paleoceanography</i> , 1989, 4, 467-482.	3.0	57
83	The Oligocene marine microfossil record: Age assessments using strontium isotopes. <i>Paleoceanography</i> , 1989, 4, 655-679.	3.0	72
84	Weddell sea palaeoceanography: Preliminary results of ODP Leg 113. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1988, 67, 75-102.	1.0	36
85	Macroevolutionary differences between the two major clades of Neogene planktonic foraminifera. <i>Paleobiology</i> , 1988, 14, 235-249.	1.3	82
86	Phyletic gradualism and punctuated equilibrium in the late Neogene planktonic foraminiferal clade <i>Globoconella</i> . <i>Paleobiology</i> , 1988, 14, 345-363.	1.3	94
87	Miocene paleoceanography and plankton evolution. <i>Geodynamic Series</i> , 1986, , 119-122.	0.1	6
88	Taxonomic evolution of Neogene planktonic foraminifera and paleoceanographic relations. <i>Paleoceanography</i> , 1986, 1, 67-84.	3.0	82
89	Late Miocene–Early Pliocene stratigraphy and paleoceanography of the South Atlantic and southwest Pacific oceans: A synthesis. <i>Paleoceanography</i> , 1986, 1, 285-311.	3.0	137
90	Latest Miocene benthic $\delta^{18}\text{O}$ changes, global ice volume, sea level and the ‘Messinian salinity crisis’. <i>Nature</i> , 1986, 320, 411-414.	13.7	103

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91	Late Pliocene reorganization of deep vertical water-mass structure in the western South Atlantic: Faunal and isotopic evidence. <i>Bulletin of the Geological Society of America</i> , 1985, 96, 495.	1.6	45
92	The evolution of Miocene surface and near-surface marine temperatures: Oxygen isotopic evidence. <i>Memoir of the Geological Society of America</i> , 1985, , 49-82.	0.5	109
93	Miocene planktonic foraminiferal biogeography and paleoceanographic development of the Indo-Pacific region. <i>Memoir of the Geological Society of America</i> , 1985, , 197-236.	0.5	166
94	Late Quaternary planktonic foraminiferal biostratigraphy, Strait of Sicily, Mediterranean Sea. <i>Marine Micropaleontology</i> , 1984, 8, 339-359.	0.5	28
95	Late Quaternary Sapropel Sediments in the Eastern Mediterranean Sea: Faunal Variations and Chronology. <i>Quaternary Research</i> , 1984, 21, 385-403.	1.0	32
96	Nonconstant extinction rates of Neogene planktonic foraminifera. <i>Nature</i> , 1983, 305, 218-220.	13.7	58
97	Relationships between anoxia, glacial meltwater and microfossil preservation in the Orca Basin, Gulf of Mexico. <i>Marine Geology</i> , 1983, 53, 23-40.	0.9	54
98	Paleoceanography: Global ocean evolution. <i>Reviews of Geophysics</i> , 1983, 21, 1258-1274.	9.0	27
99	Phyletic gradualism in the <i>Globorotalia inflata</i> lineage vindicated. <i>Paleobiology</i> , 1983, 9, 427-428.	1.3	13
100	Late Quaternary marine stratigraphy southeast of New Zealand. <i>Bulletin of the Geological Society of America</i> , 1983, 94, 791.	1.6	42
101	Dynamics of the Laurentide ice sheet during the last deglaciation: evidence from the Gulf of Mexico. <i>Earth and Planetary Science Letters</i> , 1982, 59, 11-17.	1.8	153
102	The potential of morphometrically based phylo-zonation: Application of a Late Cenozoic planktonic foraminiferal lineage. <i>Marine Micropaleontology</i> , 1982, 7, 285-296.	0.5	17
103	Phyletic gradualism in a Late Cenozoic planktonic foraminiferal lineage; DSDP Site 284, southwest Pacific. <i>Paleobiology</i> , 1981, 7, 230-240.	1.3	200
104	Paleoceanographic and biogeographic evolution of the Southern Ocean during the Cenozoic, and Cenozoic microfossil datums. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1980, 31, 123-152.	1.0	79
105	Cenozoic evolution of Antarctic glaciation, the circum-Antarctic Ocean, and their impact on global paleoceanography. <i>Journal of Geophysical Research</i> , 1977, 82, 3843-3860.	3.3	1,037
106	Late Quaternary paleoclimatology, stratigraphy and sapropel history in eastern Mediterranean deep-sea sediments. <i>Marine Micropaleontology</i> , 1977, 2, 371-388.	0.5	144
107	Biometric analysis of phenotypic variation in Recent <i>Globigerina bulloides</i> d'Orbigny in the southern Indian Ocean. <i>Marine Micropaleontology</i> , 1976, 1, 3-25.	0.5	51
108	Principal component analysis of Quaternary planktic foraminifera in the Gulf of Mexico: Paleoclimatic applications. <i>Marine Micropaleontology</i> , 1976, 1, 299-306.	0.5	20

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109	Recent planktonic foraminiferal distribution in high latitudes of the South Pacific: A multivariate statistical study. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1973, 14, 127-136.	1.0	1
110	Antarctic Late Cenozoic Glaciation: Evidence for Initiation of Ice Rafting and Inferred Increased Bottom-Water Activity. <i>Bulletin of the Geological Society of America</i> , 1973, 84, 2043.	1.6	34
111	Biometric Analysis of Phenotypic Variation: <i>Globigerina pachyderma</i> (Ehrenberg) in the South Pacific Ocean. <i>Micropaleontology</i> , 1972, 18, 241.	0.3	22
112	Late Pleistocene Paleoclimatology, Foraminiferal Biostratigraphy and Tephrochronology, Western Gulf of Mexico. <i>Quaternary Research</i> , 1972, 2, 38-69.	1.0	105
113	Abrupt Climatic Change at 90,000 yr BP: Faunal Evidence from Gulf of Mexico Cores. <i>Quaternary Research</i> , 1972, 2, 384-395.	1.0	38
114	Pleistocene paleoclimates and foraminiferal biostratigraphy in subantarctic deep-sea cores. <i>Deep Sea Research and Oceanographic Abstracts</i> , 1970, 17, 125-140.	0.3	24
115	Foraminiferal evidence for a pre-middle eocene age of the chatham rise, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1969, 3, 20-28.	0.8	12
116	Latitudinal Variation in <i>Globigerina pachyderma</i> (Ehrenberg) in Surface Sediments of the Southwest Pacific Ocean. <i>Micropaleontology</i> , 1968, 14, 305.	0.3	83
117	The <i>Globorotalia crassaformis</i> Bioseries in North Westland and Marlborough, New Zealand. <i>Micropaleontology</i> , 1966, 12, 235.	0.3	56