

Christopher J Hollis

List of Publications by Year in descending order

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74
papers

3,519
citations

136950

32
h-index

149698

56
g-index

92
all docs

92
docs citations

92
times ranked

2611
citing authors

#	ARTICLE	IF	CITATIONS
1	Indication of Global Deforestation at the Cretaceous-Tertiary Boundary by New Zealand Fern Spike. <i>Science</i> , 2001, 294, 1700-1702.	12.6	230
2	Multiple early Eocene hyperthermals: Their sedimentary expression on the New Zealand continental margin and in the deep sea. <i>Geology</i> , 2007, 35, 699.	4.4	200
3	Early Paleogene temperature history of the Southwest Pacific Ocean: Reconciling proxies and models. <i>Earth and Planetary Science Letters</i> , 2012, 349-350, 53-66.	4.4	194
4	Tropical sea temperatures in the high-latitude South Pacific during the Eocene. <i>Geology</i> , 2009, 37, 99-102.	4.4	169
5	The Apectodinium acme and terrestrial discharge during the Paleocene–Eocene thermal maximum: new palynological, geochemical and calcareous nannoplankton observations at Tawanui, New Zealand. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 194, 387-403.	2.3	150
6	Re-evaluating modern and Palaeogene GDGT distributions: Implications for SST reconstructions. <i>Global and Planetary Change</i> , 2013, 108, 158-174.	3.5	142
7	The DeepMIP contribution to PMIP4: methodologies for selection, compilation and analysis of latest Paleocene and early Eocene climate proxy data, incorporating version 0.1 of the DeepMIP database. <i>Geoscientific Model Development</i> , 2019, 12, 3149-3206.	3.6	131
8	Descent toward the Icehouse: Eocene sea surface cooling inferred from GDGT distributions. <i>Paleoceanography</i> , 2015, 30, 1000-1020.	3.0	129
9	Brackish Foraminifera in New Zealand: A Taxonomic and Ecologic Review. <i>Micropaleontology</i> , 1994, 40, 185.	1.0	123
10	New Zealand Geological Timescale NZGT 2015/1. <i>New Zealand Journal of Geology, and Geophysics</i> , 2015, 58, 398-403.	1.8	108
11	The Paleocene–Eocene transition at Mead Stream, New Zealand: a southern Pacific record of early Cenozoic global change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 215, 313-343.	2.3	94
12	The DeepMIP contribution to PMIP4: experimental design for model simulations of the EECO, PETM, and pre-PETM (version 1.0). <i>Geoscientific Model Development</i> , 2017, 10, 889-901.	3.6	90
13	Seismic stratigraphy and structural history of the Reinga Basin and its margins, southern Norfolk Ridge system. <i>New Zealand Journal of Geology, and Geophysics</i> , 1997, 40, 425-451.	1.8	84
14	DeepMIP: model intercomparison of early Eocene climatic optimum (EECO) large-scale climate features and comparison with proxy data. <i>Climate of the Past</i> , 2021, 17, 203-227.	3.4	71
15	Global mean surface temperature and climate sensitivity of the early Eocene Climatic Optimum (EECO), Paleocene–Eocene Thermal Maximum (PETM), and latest Paleocene. <i>Climate of the Past</i> , 2020, 16, 1953-1968.	3.4	71
16	Large-Amplitude Variations in Carbon Cycling and Terrestrial Weathering during the Latest Paleocene and Earliest Eocene: The Record at Mead Stream, New Zealand. <i>Journal of Geology</i> , 2012, 120, 487-505.	1.4	70
17	Foraminiferal, radiolarian, and dinoflagellate biostratigraphy of Late Cretaceous to Middle Eocene pelagic sediments (Muzzle Group), Mead Stream, Marlborough, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1995, 38, 171-209.	1.8	68
18	Paleoecological insights into subduction zone earthquake occurrence, eastern North Island, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2006, 118, 1051-1074.	3.3	63

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19	South Pacific intermediate water oxygen depletion at the onset of the Paleocene-Eocene thermal maximum as depicted in New Zealand margin sections. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	59
20	Latest Cretaceous to Late Paleocene radiolarian biostratigraphy: A new zonation from the New Zealand region. <i>Marine Micropaleontology</i> , 1993, 21, 295-327.	1.2	55
21	Eocene sea temperatures for the mid-latitude southwest Pacific from Mg/Ca ratios in planktonic and benthic foraminifera. <i>Earth and Planetary Science Letters</i> , 2010, 299, 483-495.	4.4	54
22	Cretaceous demise of the Moa plate and strike-slip motion at the Gondwana margin. <i>Geology</i> , 2001, 29, 279.	4.4	53
23	Organic-rich sedimentation in the South Pacific Ocean associated with Late Paleocene climatic cooling. <i>Earth-Science Reviews</i> , 2014, 134, 81-97.	9.1	50
24	Palynofacies, organic geochemistry and depositional environment of the Tartan Formation (Late) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 <i>Geology</i> , 2010, 27, 351-369.	3.3	49
25	Biostratigraphy and paleoceanographic significance of Paleocene radiolarians from offshore eastern New Zealand. <i>Marine Micropaleontology</i> , 2002, 46, 265-316.	1.2	48
26	A unified radiolarian zonation for the Late Cretaceous and Paleocene of Japan. <i>Micropaleontology</i> , 2001, 47, 235-255.	1.0	46
27	The Cretaceous/Tertiary boundary event in Ecuador: reduced biotic effects due to eastern boundary current setting. <i>Marine Micropaleontology</i> , 1997, 31, 97-133.	1.2	44
28	Siliceous plankton bloom in the earliest Tertiary of Marlborough, New Zealand. <i>Geology</i> , 1995, 23, 835.	4.4	43
29	Early Paleogene evolution of terrestrial climate in the SW Pacific, Southern New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5413-5429.	2.5	43
30	Paleoenvironmental changes across the Cretaceous/Tertiary boundary at Flaxbourne River and Woodside Creek, eastern Marlborough, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 177-197.	1.8	42
31	The Paleocene-Eocene Thermal Maximum at DSDP Site 277, Campbell Plateau, southern Pacific Ocean. <i>Climate of the Past</i> , 2015, 11, 1009-1025.	3.4	38
32	Paleoceanographic significance of Late Paleocene dysaerobia at the shelf/slope break around New Zealand. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 156, 51-70.	2.3	37
33	Seismic stratigraphy and structure of the Northland Plateau and the development of the Vening Meinesz transform margin, SW Pacific Ocean. <i>Marine Geophysical Researches</i> , 2009, 30, 21-60.	1.2	34
34	Early to middle Eocene magneto-biochronology of the southwest Pacific Ocean and climate influence on sedimentation: Insights from the Mead Stream section, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 643-660.	3.3	34
35	Towards a record of Holocene tsunami and storms for northern Hawke's Bay, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2005, 48, 507-515.	1.8	33
36	The Cretaceous/Tertiary boundary event in New Zealand: Profiling mass extinction. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 307-321.	1.8	32

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37	Paleoenvironmental changes across the Cretaceous/Tertiary boundary in the northern Clarence valley, southeastern Marlborough, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 209-234.	1.8	30
38	Biostratigraphic review of the Cretaceous/Tertiary boundary transition, mid-Waipara River section, North Canterbury, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 243-253.	1.8	30
39	Foraminiferal and carbon isotope stratigraphy through the Paleocene-Eocene transition at Dee Stream, Marlborough, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 1-19.	1.8	29
40	Orbitally-influenced vegetation record of the Mid-Pleistocene Climate Transition, offshore eastern New Zealand (ODP Leg 181, Site 1123). <i>Marine Geology</i> , 2004, 205, 87-111.	2.1	29
41	Reduction of oceanic temperature gradients in the early Eocene Southwest Pacific Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 475, 41-54.	2.3	27
42	Radiolarian faunal turnover through the Paleocene-Eocene transition, Mead Stream, New Zealand. <i>Eclogae Geologicae Helveticae</i> , 2006, 99, S79-S99.	0.6	26
43	Temperature-dependent frictional properties of heterogeneous Hikurangi Subduction Zone input sediments, ODP Site 1124. <i>Tectonophysics</i> , 2019, 757, 123-139.	2.2	26
44	South Pacific evidence for the long-term climate impact of the Cretaceous/Paleogene boundary event. <i>Earth-Science Reviews</i> , 2018, 179, 287-302.	9.1	25
45	The onset of the Early Eocene Climatic Optimum at Branch Stream, Clarence River valley, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2015, 58, 262-280.	1.8	23
46	Foraminiferal associations in the upper Waitemata Harbour, Auckland, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 1997, 27, 21-51.	1.9	20
47	Biostratigraphy and carbon isotope stratigraphy of uppermost Cretaceous-lower Cenozoic Muzzle Group in middle Clarence valley, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 2005, 35, 345-383.	1.9	19
48	Depositional and organofacies influences on the petroleum potential of an unusual marine source rock: Waipawa Formation (Paleocene) in southern East Coast Basin, New Zealand. <i>Marine and Petroleum Geology</i> , 2019, 104, 468-488.	3.3	19
49	Radiolarian-based sea surface temperatures and paleoceanographic changes during the Late Pleistocene-Holocene in the subantarctic southwest Pacific. <i>Marine Micropaleontology</i> , 2009, 70, 151-165.	1.2	17
50	Constraining early to middle Eocene climate evolution of the southwest Pacific and Southern Ocean. <i>Earth and Planetary Science Letters</i> , 2016, 433, 380-392.	4.4	17
51	Stratigraphy of Reinga and Aotea basins, NW New Zealand: constraints from dredge samples on regional correlations and reservoir character. <i>New Zealand Journal of Geology, and Geophysics</i> , 2016, 59, 396-415.	1.8	17
52	Foraminiferal associations in Port Pegasus, Stewart Island, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1994, 28, 69-95.	2.0	16
53	TEM study of meteorite impact glass at New Zealand Cretaceous-Tertiary sites: evidence for multiple impacts or differentiation during global circulation?. <i>Earth and Planetary Science Letters</i> , 2004, 219, 209-219.	4.4	16
54	Expansion and diversification of high-latitude radiolarian assemblages in the late Eocene linked to a cooling event in the southwest Pacific. <i>Climate of the Past</i> , 2015, 11, 1599-1620.	3.4	15

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55	Eocene (46–44 Ma) Onset of Australia–Pacific Plate Motion in the Southwest Pacific Inferred From Stratigraphy in New Caledonia and New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008699.	2.5	15
56	Paleocene–Eocene stratigraphy and paleoenvironment at Tora, Southeast Wairarapa, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2013, 56, 243-262.	1.8	14
57	Sedimentary record of radiolarian biogeography, offshore eastern New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2005, 39, 165-192.	2.0	13
58	Magneto-biostratigraphic constraints of the Eocene micrite–calciturbidite transition in New Caledonia: tectonic implications. <i>New Zealand Journal of Geology, and Geophysics</i> , 2018, 61, 145-163.	1.8	13
59	Re-Os geochronology and isotope systematics, and organic and sulfur geochemistry of the middle–late Paleocene Waipawa Formation, New Zealand: Insights into early Paleogene seawater Os isotope composition. <i>Chemical Geology</i> , 2020, 536, 119473.	3.3	9
60	Orbitally controlled cyclicity around the Cretaceous/Tertiary boundary, northern South Island, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 235-241.	1.8	6
61	Global Effects of the Chicxulub Impact on Terrestrial Vegetation – Review of the Palynological Record from New Zealand Cretaceous/Tertiary Boundary. <i>Impact Studies</i> , 2004, , 57-74.	0.5	6
62	Radiolarian faunal turnover through the Paleocene-eocene transition, Mead Stream, New Zealand. , 2007, , 79-99.		6
63	Age of Jackson Formation proves late Cenozoic allochthony in South Westland, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1996, 39, 559-563.	1.8	5
64	The age of the Takatika Grit, Chatham Islands, New Zealand. <i>Alcheringa</i> , 2017, 41, 383-396.	1.2	5
65	New Zealand perspective on global change from late Cretaceous to early Eocene: (b) the Cretaceous–Tertiary transition at Flaxbourne River, eastern Marlborough. <i>Gff</i> , 2000, 122, 73-74.	1.2	4
66	New Zealand perspective on global change from late Cretaceous to early Eocene: (a) the Paleocene–Eocene transition at Mead Stream, Marlborough. <i>Gff</i> , 2000, 122, 71-72.	1.2	3
67	Wavelet analysis of variations in geochemical and microfossil data across the Cretaceous/Tertiary boundary at Flaxbourne River, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 199-208.	1.8	3
68	Deposition and age of Chicxulub impact spherules on Gorgonilla Island, Colombia. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 215-232.	3.3	3
69	Calcareous nannoplankton response to early Eocene warmth, Southwest Pacific Ocean. <i>Marine Micropaleontology</i> , 2021, 165, 101992.	1.2	3
70	Was the Early Eocene ocean unbearably warm or are the proxies unbelievably wrong?. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 31, 109-110.	0.3	2
71	Late Paleocene CO ₂ drawdown, climatic cooling and terrestrial denudation in the southwest Pacific. <i>Climate of the Past</i> , 2022, 18, 1295-1320.	3.4	2
72	Eocene nannofossil biostratigraphy of the mid-Waipara river section, Canterbury Basin, New Zealand: preliminary results. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 31, 197-198.	0.3	0

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73	Palynofacies Analogues and Applications to Hydrocarbon Exploration in New Zealand. , 2015, , .		0
74	Data report: early Late Cretaceous radiolarians from IODP Site U1520 (Expedition 375, Hikurangi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	0