

# Peter J J Kamp

## List of Publications by Year in descending order

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92  
papers

3,829  
citations

126907

33  
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133252

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94  
docs citations

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times ranked

2243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fission track analysis of the Late Cenozoic vertical kinematics of continental Pacific crust, South Island, New Zealand. <i>Journal of Geophysical Research</i> , 1993, 98, 16119-16148.	3.3	228
2	Sequence stratigraphy of sixth-order (41 k.y.) Pliocene–Pleistocene cyclothems, Wanganui basin, New Zealand: A case for the regressive systems tract. <i>Bulletin of the Geological Society of America</i> , 1997, 109, 978-999.	3.3	177
3	Tectonics and denudation adjacent to the Xianshuihe Fault, eastern Tibetan Plateau: Constraints from fission track thermochronology. <i>Journal of Geophysical Research</i> , 2000, 105, 19231-19251.	3.3	171
4	The continental collision zone, South Island, New Zealand: Comparison of geodynamical models and observations. <i>Journal of Geophysical Research</i> , 1996, 101, 3333-3359.	3.3	157
5	Exhumation history of orogenic highlands determined by detrital fission-track thermochronology. <i>Geological Society Special Publication</i> , 1999, 154, 283-304.	1.3	152
6	The mid-Cenozoic Challenger Rift System of western New Zealand and its implications for the age of Alpine fault inception. <i>Bulletin of the Geological Society of America</i> , 1986, 97, 255.	3.3	146
7	Fission track analysis reveals character of collisional tectonics in New Zealand. <i>Tectonics</i> , 1989, 8, 169-195.	2.8	145
8	Astronomical calibration of a southern hemisphere Plio-Pleistocene reference section, Wanganui Basin, New Zealand. <i>Quaternary Science Reviews</i> , 1998, 17, 695-710.	3.0	123
9	Late Cretaceous-Cenozoic tectonic development of the southwest Pacific region. <i>Tectonophysics</i> , 1986, 121, 225-251.	2.2	116
10	The relationship between shellbed type and sequence architecture: examples from Japan and New Zealand. <i>Sedimentary Geology</i> , 1998, 122, 109-127.	2.1	93
11	Integration of zircon color and zircon fission-track zonation patterns in orogenic belts: application to the Southern Alps, New Zealand. <i>Tectonophysics</i> , 2002, 349, 203-219.	2.2	93
12	Neogene stratigraphic architecture and tectonic evolution of Wanganui, King Country, and eastern Taranaki Basins, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2004, 47, 625-644.	1.8	88
13	Tectonic architecture of the mountain front–foreland basin transition, South Island, New Zealand, assessed by fission track analysis. <i>Tectonics</i> , 1992, 11, 98-113.	2.8	76
14	Dynamics of Pacific plate crust in the South Island (New Zealand) zone of oblique continent–continent convergence. <i>Journal of Geophysical Research</i> , 1993, 98, 16105-16118.	3.3	76
15	Carbon Emissions Pinch Analysis for emissions reductions in the New Zealand transport sector through to 2050. <i>Energy</i> , 2015, 92, 569-576.	8.8	71
16	Minimising carbon emissions and energy expended for electricity generation in New Zealand through to 2050. <i>Applied Energy</i> , 2014, 135, 656-665.	10.1	70
17	Foraminiferal depth palaeoecology of Late Pliocene shelf sequences and systems tracts, Wanganui Basin, New Zealand. <i>Sedimentary Geology</i> , 1997, 110, 237-255.	2.1	59
18	Barnacle-dominated limestone with giant cross-beds in a non-tropical, tide-swept, Pliocene forearc seaway, Hawke's Bay, New Zealand. <i>Sedimentary Geology</i> , 1988, 60, 173-195.	2.1	58

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19	Exhumation of the central Wasatch Mountains, Utah: 1. Patterns and timing of exhumation deduced from low-temperature thermochronology data. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	57
20	Neocene and Quaternary extent and geometry of the subducted Pacific Plate beneath North Island, New Zealand: Implications for Kaikoura tectonics. <i>Tectonophysics</i> , 1984, 108, 241-266.	2.2	55
21	Pleistocene unconformity-bounded shelf sequences (Wanganui Basin, New Zealand) correlated with global isotope record. <i>Sedimentary Geology</i> , 1990, 68, 155-161.	2.1	55
22	Tracking crustal processes by FT thermochronology in a forearc high (Hikurangi margin, New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 <i>Tectonophysics</i> , 1999, 307, 313-343.	2.2	55
23	The lithospheric geodynamics of plate boundary transpression in New Zealand: Initiating and emplacing subduction along the Hikurangi margin, and the tectonic evolution of the Alpine Fault system. <i>Tectonophysics</i> , 2009, 474, 449-462.	2.2	55
24	Pliocene–Pleistocene marine cyclothem, Wanganui Basin, New Zealand: A lithostratigraphic framework. <i>New Zealand Journal of Geology, and Geophysics</i> , 1995, 38, 223-243.	1.8	54
25	Low-temperature thermochronology and thermokinematic modeling of deformation, exhumation, and development of topography in the central Southern Alps, New Zealand. <i>Tectonics</i> , 2009, 28, .	2.8	50
26	Palaeomagnetic location of the Jaramillo Subchron and the Matuyama-Brunhes transition in the Castlecliffian stratotype section, Wanganui Basin, New Zealand. <i>Earth and Planetary Science Letters</i> , 1990, 100, 42-50.	4.4	49
27	Integrated tephrochronology and magnetostratigraphy for cyclothem marine strata, Wanganui Basin: Implications for the Pliocene-Pleistocene boundary in New Zealand. <i>Quaternary International</i> , 1996, 34-36, 29-48.	1.5	46
28	Pliocene Te Aute limestones, New Zealand: Expanding concepts for cool-water shelf carbonates. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 407-424.	1.8	46
29	Quantitative relationships between uplift and relief parameters for the Southern Alps, New Zealand, as determined by fission track analysis. <i>Earth Surface Processes and Landforms</i> , 1995, 20, 153-175.	2.5	40
30	Geomorphic evolution of the Southern Alps, New Zealand. <i>Earth Surface Processes and Landforms</i> , 1995, 20, 177-192.	2.5	40
31	Compressed air system best practice programmes: What needs to change to secure long-term energy savings for New Zealand?. <i>Energy Policy</i> , 2009, 37, 3400-3408.	8.8	38
32	Southwest Pacific Absolute Plate Kinematic Reconstruction Reveals Major Cenozoic Tonga–Kermadec Slab Dragging. <i>Tectonics</i> , 2018, 37, 2647-2674.	2.8	36
33	Thermal history analysis by integrated modelling of apatite fission track and vitrinite reflectance data: application to an inverted basin (Buller Coalfield, New Zealand). <i>Basin Research</i> , 1996, 8, 383-402.	2.7	34
34	Transgressive surfaces of erosion as sequence boundary markers in cool-water shelf carbonates. <i>Sedimentary Geology</i> , 2004, 164, 179-189.	2.1	34
35	An integrated sequence stratigraphic, palaeoenvironmental, and chronostratigraphic analysis of the Tangahoe Formation, southern Taranaki coast, with implications for mid-Pliocene (c. 3.4–3.0 Ma) glacio-eustatic sea-level changes. <i>Journal of the Royal Society of New Zealand</i> , 2005, 35, 151-196.	1.9	32
36	Tectonic and sea-level controls on nontropical Neogene limestones in New Zealand. <i>Geology</i> , 1987, 15, 610.	4.4	31

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37	Thermochronology of the Torlesse accretionary complex, Wellington region, New Zealand. <i>Journal of Geophysical Research</i> , 2000, 105, 19253-19272.	3.3	31
38	Geologic constraints on the Cenozoic Antarctica-Australia-Pacific relative plate motion circuit. <i>Geology</i> , 1987, 15, 694.	4.4	30
39	Nature and occurrence of modern and Neogene active margin limestones in New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1988, 31, 1-20.	1.8	30
40	The role of faulting in rock uplift in the Southern Alps, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1993, 36, 497-504.	1.8	30
41	Modification of fracture porosity by multiphase vein mineralization in an Oligocene nontropical carbonate reservoir, Taranaki Basin, New Zealand. <i>AAPG Bulletin</i> , 2003, 87, 1575-1597.	1.5	30
42	Flexural bending of southern Tibet in a retro foreland setting. <i>Scientific Reports</i> , 2015, 5, 12076.	3.3	30
43	Tectonomorphic evolution of Marie Byrd Land – Implications for Cenozoic rifting activity and onset of West Antarctic glaciation. <i>Global and Planetary Change</i> , 2016, 145, 98-115.	3.5	30
44	Middle Pliocene cyclothems, Mangaweka region, Wanganui Basin, New Zealand: A lithostratigraphic framework. <i>New Zealand Journal of Geology, and Geophysics</i> , 1996, 39, 135-149.	1.8	29
45	Late eocene – early oligocene integrated isotope stratigraphy and biostratigraphy for paleoshelf sequences in southern Australia: paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1990, 80, 311-323.	2.3	27
46	Late Miocene to early Pliocene biofacies of Wanganui and Taranaki Basins, New Zealand: Applications to paleoenvironmental and sequence stratigraphic analysis. <i>New Zealand Journal of Geology, and Geophysics</i> , 2004, 47, 769-785.	1.8	27
47	Contrasting carbonate depositional systems for Pliocene cool-water limestones cropping out in central Hawke's Bay, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2004, 47, 697-717.	1.8	27
48	Thermochronology of northern Murihiku Terrane, New Zealand, derived from apatite FT analysis. <i>Journal of the Geological Society</i> , 2000, 157, 345-354.	2.1	26
49	A coherent middle Pliocene magnetostratigraphy, Wanganui Basin, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 2005, 35, 197-227.	1.9	26
50	Forward modelling of the sequence stratigraphic architecture of shelf cyclothems: application to Late Pliocene sequences, Wanganui Basin (New Zealand). <i>Sedimentary Geology</i> , 1998, 116, 57-80.	2.1	24
51	Sedimentary architecture of a Plio-Pleistocene proto-back-arc basin: Wanganui Basin, New Zealand. <i>Sedimentary Geology</i> , 2005, 181, 107-145.	2.1	23
52	Sedimentology and petrography of mass-emplaced limestone (Orahiri Limestone) on a late Oligocene shelf, western North Island, and tectonic implications for eastern margin development of Taranaki Basin. <i>New Zealand Journal of Geology, and Geophysics</i> , 1994, 37, 269-285.	1.8	21
53	Recurring global sea-level changes recorded in shelf deposits near the G/M polarity transition, Wanganui Basin, New Zealand: Implications for redefining the Pliocene-Pleistocene boundary. <i>Quaternary International</i> , 1997, 40, 61-71.	1.5	21
54	The South Westland Basin: seismic stratigraphy, basin geometry and evolution of a foreland basin within the Southern Alps collision zone, New Zealand. <i>Tectonophysics</i> , 1998, 300, 359-387.	2.2	21

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55	Burial dolomitisation in a non-tropical carbonate petroleum reservoir: the Oligocene Tikorangi Formation, Taranaki Basin, New Zealand. <i>Sedimentary Geology</i> , 2004, 172, 117-138.	2.1	21
56	The stratigraphic architecture of Late Pliocene (2.8–2.4 Ma) asymmetrical shelf sequences, western Wanganui Basin, New Zealand. <i>Sedimentary Geology</i> , 1998, 122, 53-67.	2.1	20
57	Phylogeography of six codistributed New Zealand cicadas and their relationship to multiple biogeographical boundaries suggest a re-evaluation of the Taupo Line. <i>Journal of Biogeography</i> , 2015, 42, 1761-1775.	3.0	20
58	Late Pliocene distal silicic ignimbrites, Port Waikato, New Zealand: Implications for volcanism, tectonics, and sea-level changes in South Auckland. <i>New Zealand Journal of Geology, and Geophysics</i> , 1989, 32, 357-370.	1.8	19
59	Cyclostratigraphy of middle Pliocene mid shelf to upper slope strata, eastern Wanganui Basin (New Zealand). <i>Journal of Metamorphic Geology</i> , 2015, 33, 107-121.	2.1	18
60	Lithostratigraphy and depositional episodes of the Oligocene carbonate-rich Tikorangi Formation, Taranaki Basin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 363-386.	1.8	18
61	An integrated biostratigraphy and seismic stratigraphy for the late Neogene continental margin succession in northern Taranaki Basin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2006, 49, 39-56.	1.8	18
62	Possible Jurassic age for part of Rakaia Terrane: Implications for tectonic development of the Torlesse accretionary prism. <i>New Zealand Journal of Geology, and Geophysics</i> , 2001, 44, 185-203.	1.8	17
63	Relationship of the west coast, North Island, igneous bodies to the mid-Cenozoic Challenger Rift System and subduction of the Pacific plate. <i>New Zealand Journal of Geology, and Geophysics</i> , 1986, 29, 51-60.	1.8	16
64	Late Oligocene Pacific-wide tectonic event. <i>Terra Nova</i> , 1991, 3, 65-69.	2.1	16
65	Non-continuous and variable rate processes: optimisation for energy use. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2007, 2, 380-387.	1.5	16
66	Thermo-tectonic history of Ryoke Basement in Hoho volcanic zone, northeast Kyushu, Japan: Constraints from fission track thermochronology. <i>Island Arc</i> , 1993, 2, 213-227.	1.1	15
67	Constraints on the thermal and tectonic evolution of Greymouth coalfield. <i>New Zealand Journal of Geology, and Geophysics</i> , 1999, 42, 447-467.	1.8	15
68	Petrogenesis of diachronous mixed siliciclastic-carbonate megafacies in the cool-water Oligocene Tikorangi formation, Taranaki Basin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2003, 46, 387-405.	1.8	14
69	Mass-emplaced siliciclastic-volcaniclastic-carbonate sediments in Middle Miocene shelf-to-slope environments at Waikawau, northern Taranaki, and some implications for Taranaki Basin development. <i>New Zealand Journal of Geology, and Geophysics</i> , 1990, 33, 599-615.	1.8	13
70	Strontium isotope dating of the New Zealand Oligocene. <i>New Zealand Journal of Geology, and Geophysics</i> , 2004, 47, 719-730.	1.8	13
71	Cool-water shell bed taphofacies from Miocene-Pliocene shelf sequences in New Zealand: utility of taphofacies in sequence stratigraphic analysis. <i>Geological Society Special Publication</i> , 2006, 255, 283-305.	1.3	13
72	Unroofing the Klamath? Blame it on Siletzia?. <i>Lithosphere</i> , 2015, 7, 427-440.	1.4	13

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73	Pore pressure and reservoir quality evolution in the deep Taranaki Basin, New Zealand. <i>Marine and Petroleum Geology</i> , 2018, 98, 815-835.	3.3	13
74	The early Pliocene Titiokura Formation: Stratigraphy of a thick, mixed carbonate-siliciclastic shelf succession in Hawke's Bay Basin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2004, 47, 675-695.	1.8	12
75	Inception of the modern North Island (New Zealand) volcanic setting: spatio-temporal patterns of volcanism between 3.0 and 0.9 Ma. <i>New Zealand Journal of Geology, and Geophysics</i> , 0, , 1-23.	1.8	12
76	Multigenetic gravity couple across a modern convergent margin: inheritance from Cretaceous asymmetric extension. <i>Geophysical Journal International</i> , 1989, 96, 33-41.	2.4	10
77	Late Pliocene (2.8 - 2.4 Ma) cyclothem shelf deposits, Parikino, Wanganui Basin, New Zealand: Lithostratigraphy and correlation of cycles. <i>New Zealand Journal of Geology, and Geophysics</i> , 1998, 41, 69-84.	1.8	10
78	Stratigraphic constraints on the late Miocene-Pleistocene evolution of the North Island Fault System and axial ranges in the central Hikurangi subduction margin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 248-272.	1.8	10
79	Middle Miocene formational stratigraphy (Mokau-Mohakatino Groups) at Waikawau, northeastern Taranaki Basin margin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1990, 33, 585-598.	1.8	9
80	Late Miocene turnover of molluscan faunas, New Zealand: Taxonomic and ecological reassessment of diversity changes at multiple spatial and temporal scales. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 275-290.	2.3	9
81	Changes in plate boundary kinematics: Punctuated or smoothly varying - Evidence from the mid-Cenozoic transition from lithospheric extension to shortening in New Zealand. <i>Tectonophysics</i> , 2013, 608, 1328-1342.	2.2	9
82	Thermal history of the early Miocene Waitemata Basin and adjacent Waipapa Group, North Island, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1999, 42, 469-488.	1.8	8
83	Mangarara Formation: Exhumed remnants of a middle Miocene, temperate carbonate, submarine channel-fan system on the eastern margin of Taranaki Basin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2009, 52, 73-93.	1.8	8
84	Thermal history of the early Miocene Waitemata Basin and adjacent Waipapa Group, North Island, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1999, 42, 169-188.	1.8	6
85	Linking orogeny and orography in the Southern Alps of New Zealand: New observations from detrital fission-track thermochronology of the Waiho-1 borehole. <i>Earth and Planetary Science Letters</i> , 2020, 552, 116586.	4.4	6
86	Discriminating cool-water from warm-water carbonates and their diagenetic environments using element geochemistry: The Oligocene Tikorangi Formation (Taranaki Basin) and the dolomite effect. <i>New Zealand Journal of Geology, and Geophysics</i> , 2004, 47, 857-869.	1.8	5
87	Geochemistry of Syntectonic Carbonate Veins Within Late Cretaceous Turbidites, Hikurangi Margin (New Zealand): Implications for a Mid-Oligocene Age of Subduction Initiation. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	5
88	Macrofossil biofacies in the late Neogene of central Hawke's Bay: applications to palaeogeography. <i>New Zealand Journal of Geology, and Geophysics</i> , 2013, 56, 200-222.	1.8	4
89	Post-remagnetisation vertical axis rotation and tilting of the Murihiku Terrane (North Island, New Zealand). <i>Tectonophysics</i> , 2014, 574, 1-14.	1.8	3
90	Microstratigraphy of calcite cements in Pliocene cool-water limestones, New Zealand: relationship to sea-level, burial and exhumation events. <i>Geological Society Special Publication</i> , 2006, 255, 337-365.	1.3	1

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91	Exploiting Thermochronology to Quantify Exhumation Histories and Patterns of Uplift Along the Margins of Tibet. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	1
92	Linking proximal ignimbrites and coeval distal tephra deposits to establish a record of voluminous Early Quaternary (2.4–1.9 Ma) volcanism of the Tauranga Volcanic Centre, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 429, 107595.	2.1	1