Peter J J Kamp

List of Publications by Year
in descending order

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92 papers	3,829 citations	126907 33 h-index	133252 59 g-index
94 all docs	94 docs citations	94 times ranked	2243 citing authors

#	Article	IF	Citations
1	Geochemistry of Syntectonic Carbonate Veins Within Late Cretaceous Turbidites, Hikurangi Margin (New Zealand): Implications for a Midâ€Oligocene Age of Subduction Initiation. Geochemistry, Geophysics, Geosystems, 2022, 23, .	2.5	5
2	Linking proximal ignimbrites and coeval distal tephra deposits to establish a record of voluminous Early Quaternary (2.4â€“1.9ÂMa) volcanism of the Tauranga Volcanic Centre, New Zealand. Journal of Volcanology and Geothermal Research, 2022, 429, 107595.	2.1	1
3	Exploiting Thermochronology to Quantify Exhumation Histories and Patterns of Uplift Along the Margins of Tibet. Frontiers in Earth Science, 2021, 9, .	1.8	1
4	Linking orogeny and orography in the Southern Alps of New Zealand: New observations from detrital fission-track thermochronology of the Waiho-1 borehole. Earth and Planetary Science Letters, 2020, 552, 116586.	4.4	6
5	Stratigraphic constraints on the late Mioceneâ€“Pleistocene evolution of the North Island Fault System and axial ranges in the central Hikurangi subduction margin, New Zealand. New Zealand Journal of Geology, and Geophysics, 2019, 62, 248-272.	1.8	10
6	Post-remagnetisation vertical axis rotation and tilting of the Murihiku Terrane (North Island, New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	3
7	Pore pressure and reservoir quality evolution in the deep Taranaki Basin, New Zealand. Marine and Petroleum Geology, 2018, 98, 815-835.	3.3	13
8	Southwest Pacific Absolute Plate Kinematic Reconstruction Reveals Major Cenozoic Tongaâ€Kermadec Slab Dragging. Tectonics, 2018, 37, 2647-2674.	2.8	36
9	Tectonomorphic evolution of Marie Byrd Land â€“ Implications for Cenozoic rifting activity and onset of West Antarctic glaciation. Global and Planetary Change, 2016, 145, 98-115.	3.5	30
10	Unroofing the Klamathsâ€”Blame it on Siletzia?. Lithosphere, 2015, 7, 427-440.	1.4	13
11	Phylogeography of six codistributed New Zealand cicadas and their relationship to multiple biogeographical boundaries suggest a reâ€evaluation of the Taupo Line. Journal of Biogeography, 2015, 42, 1761-1775.	3.0	20
12	Carbon Emissions Pinch Analysis for emissions reductions in the New Zealand transport sector through to 2050. Energy, 2015, 92, 569-576.	8.8	71
13	Flexural bending of southern Tibet in a retro foreland setting. Scientific Reports, 2015, 5, 12076.	3.3	30
14	Minimising carbon emissions and energy expended for electricity generation in New Zealand through to 2050. Applied Energy, 2014, 135, 656-665.	10.1	70
15	Macrofossil biofacies in the late Neogene of central Hawke's Bay: applications to palaeogeography. New Zealand Journal of Geology, and Geophysics, 2013, 56, 200-222.	1.8	4
16	Changes in plate boundary kinematics: Punctuated or smoothly varying â€” Evidence from the mid-Cenozoic transition from lithospheric extension to shortening in New Zealand. Tectonophysics, 2013, 608, 1328-1342.	2.2	9
17	Mangarara Formation: Exhumed remnants of a middle Miocene, temperate carbonate, submarine channelâ€fan system on the eastern margin of Taranaki Basin, New Zealand. New Zealand Journal of Geology, and Geophysics, 2009, 52, 73-93.	1.8	8
18	Compressed air system best practice programmes: What needs to change to secure long-term energy savings for New Zealand?. Energy Policy, 2009, 37, 3400-3408.	8.8	38

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19	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. Tectonophysics, 2009, 474, 449-462.	2.2	55
20	Late Miocene turnover of molluscan faunas, New Zealand: Taxonomic and ecological reassessment of diversity changes at multiple spatial and temporal scales. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 275-290.	2.3	9
21	Lowâ€temperature thermochronology and thermokinematic modeling of deformation, exhumation, and development of topography in the central Southern Alps, New Zealand. Tectonics, 2009, 28, .	2.8	50
22	Non-continuous and variable rate processes: optimisation for energy use. Asia-Pacific Journal of Chemical Engineering, 2007, 2, 380-387.	1.5	16
23	An integrated biostratigraphy and seismic stratigraphy for the late Neogene continental margin succession in northern Taranaki Basin, New Zealand. New Zealand Journal of Geology, and Geophysics, 2006, 49, 39-56.	1.8	18
24	Microstratigraphy of calcite cements in Pliocene cool-water limestones, New Zealand: relationship to sea-level, burial and exhumation events. Geological Society Special Publication, 2006, 255, 337-365.	1.3	1
25	Cool-water shell bed taphofacies from Miocene-Pliocene shelf sequences in New Zealand: utility of taphofacies in sequence stratigraphic analysis. Geological Society Special Publication, 2006, 255, 283-305.	1.3	13
26	A coherent middle Pliocene magnetostratigraphy, Wanganui Basin, New Zealand. Journal of the Royal Society of New Zealand, 2005, 35, 197-227.	1.9	26
27	An integrated sequence stratigraphic, palaeoenvironmental, and chronostratigraphic analysis of the Tangahoe Formation, southern Taranaki coast, with implications for midâ€Pliocene (c. 3.4â€“3.0 Ma) glacioâ€eustatic seaâ€level changes. Journal of the Royal Society of New Zealand, 2005, 35, 151-196.	1.9	32
28	Sedimentary architecture of a Plio-Pleistocene proto-back-arc basin: Wanganui Basin, New Zealand. Sedimentary Geology, 2005, 181, 107-145.	2.1	23
29	Late Miocene to early Pliocene biofacies of Wanganui and Taranaki Basins, New Zealand: Applications to paleoenvironmental and sequence stratigraphic analysis. New Zealand Journal of Geology, and Geophysics, 2004, 47, 769-785.	1.8	27
30	Neogene stratigraphic architecture and tectonic evolution of Wanganui, King Country, and eastern Taranaki Basins, New Zealand. New Zealand Journal of Geology, and Geophysics, 2004, 47, 625-644.	1.8	88
31	Transgressive surfaces of erosion as sequence boundary markers in cool-water shelf carbonates. Sedimentary Geology, 2004, 164, 179-189.	2.1	34
32	Burial dolomitisation in a non-tropical carbonate petroleum reservoir: the Oligocene Tikorangi Formation, Taranaki Basin, New Zealand. Sedimentary Geology, 2004, 172, 117-138.	2.1	21
33	Discriminating coolâ€water from warmâ€water carbonates and their diagenetic environments using element geochemistry: The Oligocene Tikorangi Formation (Taranaki Basin) and the dolomite effect. New Zealand Journal of Geology, and Geophysics, 2004, 47, 857-869.	1.8	5
34	Contrasting carbonate depositional systems for Pliocene coolâ€water limestones cropping out in central Hawke's Bay, New Zealand. New Zealand Journal of Geology, and Geophysics, 2004, 47, 697-717.	1.8	27
35	Strontium isotope dating of the New Zealand Oligocene. New Zealand Journal of Geology, and Geophysics, 2004, 47, 719-730.	1.8	13
36	The early Pliocene Titiokura Formation: Stratigraphy of a thick, mixed carbonateâ€siliciclastic shelf succession in Hawke's Bay Basin, New Zealand. New Zealand Journal of Geology, and Geophysics, 2004, 47, 675-695.	1.8	12

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37	Exhumation of the central Wasatch Mountains, Utah: 1. Patterns and timing of exhumation deduced from low-temperature thermochronology data. Journal of Geophysical Research, 2003, 108, .	3.3	57
38	Pliocene Te Aute limestones, New Zealand: Expanding concepts for coolâ€water shelf carbonates. New Zealand Journal of Geology, and Geophysics, 2003, 46, 407-424.	1.8	46
39	Lithostratigraphy and depositional episodes of the Oligocene carbonateâ€rich Tikorangi Formation, Taranaki Basin, New Zealand. New Zealand Journal of Geology, and Geophysics, 2003, 46, 363-386.	1.8	18
40	Petrogenesis of diachronous mixed siliciclasticâ€carbonate megafacies in the coolâ€water Oligocene Tikorangi formation, Taranaki Basin, New Zealand. New Zealand Journal of Geology, and Geophysics, 2003, 46, 387-405.	1.8	14
41	Modification of fracture porosity by multiphase vein mineralization in an Oligocene nontropical carbonate reservoir, Taranaki Basin, New Zealand. AAPG Bulletin, 2003, 87, 1575-1597.	1.5	30
42	Integration of zircon color and zircon fission-track zonation patterns in orogenic belts: application to the Southern Alps, New Zealand. Tectonophysics, 2002, 349, 203-219.	2.2	93
43	Possible Jurassic age for part of Rakaia Terrane: Implications for tectonic development of the Torlesse accretionary prism. New Zealand Journal of Geology, and Geophysics, 2001, 44, 185-203.	1.8	17
44	Thermochronology of northern Murihiku Terrane, New Zealand, derived from apatite FT analysis. Journal of the Geological Society, 2000, 157, 345-354.	2.1	26
45	Tectonics and denudation adjacent to the Xianshuihe Fault, eastern Tibetan Plateau: Constraints from fission track thermochronology. Journal of Geophysical Research, 2000, 105, 19231-19251.	3.3	171
46	Thermochronology of the Torlesse accretionary complex, Wellington region, New Zealand. Journal of Geophysical Research, 2000, 105, 19253-19272.	3.3	31
47	Exhumation history of orogenic highlands determined by detrital fission-track thermochronology. Geological Society Special Publication, 1999, 154, 283-304.	1.3	152
48	Thermal history of the early Miocene Waitemata Basin and adjacent Waipapa Group, North Island, New Zealand. New Zealand Journal of Geology, and Geophysics, 1999, 42, 469-488.	1.8	8
49	Constraints on the thermal and tectonic evolution of Greymouth coalfield. New Zealand Journal of Geology, and Geophysics, 1999, 42, 447-467.	1.8	15
50	Thermal history of the early Miocene Waitemata Basin and adjacent Waipapa Group, North Island, New Zealand. New Zealand Journal of Geology, and Geophysics, 1999, 42, 169-188.	1.8	6
51	Tracking crustal processes by FT thermochronology in a forearc high (Hikurangi margin, New) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Tectonophysics, 1999, 307, 313-343.	2.2	55
52	Forward modelling of the sequence stratigraphic architecture of shelf cyclothems: application to Late Pliocene sequences, Wanganui Basin (New Zealand). Sedimentary Geology, 1998, 116, 57-80.	2.1	24
53	Cyclostratigraphy of middle Pliocene mid shelf to upper slope strata, eastern Wanganui Basin (New) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	18
54	The relationship between shellbed type and sequence architecture: examples from Japan and New Zealand. Sedimentary Geology, 1998, 122, 109-127.	2.1	93

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55	The stratigraphic architecture of Late Pliocene (2.8â€“2.4 Ma) asymmetrical shelf sequences, western Wanganui Basin, New Zealand. Sedimentary Geology, 1998, 122, 53-67.	2.1	20
56	Astronomical calibration of a southern hemisphere Plio-Pleistocene reference section, Wanganui Basin, New Zealand. Quaternary Science Reviews, 1998, 17, 695-710.	3.0	123
57	The South Westland Basin: seismic stratigraphy, basin geometry and evolution of a foreland basin within the Southern Alps collision zone, New Zealand. Tectonophysics, 1998, 300, 359-387.	2.2	21
58	Late Pliocene (2.8 â€¿2.4 Ma) cyclothemic shelf deposits, Parikino, Wanganui Basin, New Zealand: Lithostratigraphy and correlation of cycles. New Zealand Journal of Geology, and Geophysics, 1998, 41, 69-84.	1.8	10
59	Sequence stratigraphy of sixth-order (41 k.y.) Plioceneâ€“Pleistocene cyclothems, Wanganui basin, New Zealand: A case for the regressive systems tract. Bulletin of the Geological Society of America, 1997, 109, 978-999.	3.3	177
60	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. Quaternary International, 1997, 40, 61-71.	1.5	21
61	Foraminiferal depth palaeoecology of Late Pliocene shelf sequences and systems tracts, Wanganui Basin, New Zealand. Sedimentary Geology, 1997, 110, 237-255.	2.1	59
62	Integrated tephrochronology and magnetostratigraphy for cyclothemic marine strata, Wanganui Basin: Implications for the Pliocene-Pleistocene boundary in New Zealand. Quaternary International, 1996, 34-36, 29-48.	1.5	46
63	The continental collision zone, South Island, New Zealand: Comparison of geodynamical models and observations. Journal of Geophysical Research, 1996, 101, 3333-3359.	3.3	157
64	Middle Pliocene cyclothems, Mangaweka region, Wanganui Basin, New Zealand: A lithostratigraphic framework. New Zealand Journal of Geology, and Geophysics, 1996, 39, 135-149.	1.8	29
65	Thermal history analysis by integrated modelling of apatite fission track and vitrinite reflectance data: application to an inverted basin (Buller Coalfield, New Zealand). Basin Research, 1996, 8, 383-402.	2.7	34
66	Quantitative relationships between uplift and relief parameters for the Southern Alps, New Zealand, as determined by fission track analysis. Earth Surface Processes and Landforms, 1995, 20, 153-175.	2.5	40
67	Geomorphic evolution of the Southern Alps, New Zealand. Earth Surface Processes and Landforms, 1995, 20, 177-192.	2.5	40
68	Plioceneâ€Pleistocene marine cyclothems, Wanganui Basin, New Zealand: A lithostratigraphic framework. New Zealand Journal of Geology, and Geophysics, 1995, 38, 223-243.	1.8	54
69	Sedimentology and petrography of massâ€emplaced limestone (Orahiri Limestone) on a late Oligocene shelf, western North Island, and tectonic implications for eastern margin development of Taranaki Basin. New Zealand Journal of Geology, and Geophysics, 1994, 37, 269-285.	1.8	21
70	Thermo-tectonic history of Ryoke Basement in Hohi volcanic zone, northeast Kyushu, Japan: Constraints from fission track thermochronology. Island Arc, 1993, 2, 213-227.	1.1	15
71	Fission track analysis of the Late Cenozoic vertical kinematics of continental pacific crust, South Island, New Zealand. Journal of Geophysical Research, 1993, 98, 16119-16148.	3.3	228
72	Dynamics of Pacific plate crust in the South Island (New Zealand) zone of oblique continentâ€continent convergence. Journal of Geophysical Research, 1993, 98, 16105-16118.	3.3	76

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73	The role of faulting in rock uplift in the Southern Alps, New Zealand. New Zealand Journal of Geology, and Geophysics, 1993, 36, 497-504.	1.8	30
74	Tectonic architecture of the mountain frontâ€foreland basin transition, South Island, New Zealand, assessed by fission track analysis. Tectonics, 1992, 11, 98-113.	2.8	76
75	Late. Oligocene Pacific-wide tectonic event. Terra Nova, 1991, 3, 65-69.	2.1	16
76	Pleistocene unconformity-bounded shelf sequences (Wanganui Basin, New Zealand) correlated with global isotope record. Sedimentary Geology, 1990, 68, 155-161.	2.1	55
77	Middle Miocene formational stratigraphy (Mokau-Mohakatino Groups) at Waikawau, northeastern Taranaki Basin margin, New Zealand. New Zealand Journal of Geology, and Geophysics, 1990, 33, 585-598.	1.8	9
78	Mass-emplaced siliciclastic-volcaniclastic-carbonate sediments in Middle Miocene shelf-to-slope environments at Waikawau, northern Taranaki, and some implications for Taranaki Basin development. New Zealand Journal of Geology, and Geophysics, 1990, 33, 599-615.	1.8	13
79	Late eoceneâ€"early oligocene integrated isotope stratigraphy and biostratigraphy for paleoshelf sequences in southern Australia: paleoceanographic implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 1990, 80, 311-323.	2.3	27
80	Palaeomagnetic location of the Jaramillo Subchron and the Matuyama-Brunhes transition in the Castlecliffian stratotype section, Wanganui Basin, New Zealand. Earth and Planetary Science Letters, 1990, 100, 42-50.	4.4	49
81	Multigenetic gravity couple across a modern convergent margin: inheritance from Cretaceous asymmetric extension. Geophysical Journal International, 1989, 96, 33-41.	2.4	10
82	Fission track analysis reveals character of collisional tectonics in New Zealand. Tectonics, 1989, 8, 169-195.	2.8	145
83	Late Pliocene distal silicic ignimbrites, Port Waikato, New Zealand: Implications for volcanism, tectonics, and sea-level changes in South Auckland. New Zealand Journal of Geology, and Geophysics, 1989, 32, 357-370.	1.8	19
84	Barnacle-dominated limestone with giant cross-beds in a non-tropical, tide-swept, Pliocene forearc seaway, Hawke's Bay, New Zealand. Sedimentary Geology, 1988, 60, 173-195.	2.1	58
85	Nature and occurrence of modern and Neogene active margin limestones in New Zealand. New Zealand Journal of Geology, and Geophysics, 1988, 31, 1-20.	1.8	30
86	Tectonic and sea-level controls on nontropical Neogene limestones in New Zealand. Geology, 1987, 15, 610.	4.4	31
87	Geologic constraints on the Cenozoic Antarctica-Australia-Pacific relative plate motion circuit. Geology, 1987, 15, 694.	4.4	30
88	Relationship of the west coast, North Island, igneous bodies to the mid-Cenozoic Challenger Rift System and subduction of the Pacific plate. New Zealand Journal of Geology, and Geophysics, 1986, 29, 51-60.	1.8	16
89	Late Cretaceous-Cenozoic tectonic development of the southwest pacific region. Tectonophysics, 1986, 121, 225-251.	2.2	116
90	The mid-Cenozoic Challenger Rift System of western New Zealand and its implications for the age of Alpine fault inception. Bulletin of the Geological Society of America, 1986, 97, 255.	3.3	146

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91	Neocene and Quaternary extent and geometry of the subducted Pacific Plate beneath North Island, New Zealand: Implications for Kaikoura tectonics. Tectonophysics, 1984, 108, 241-266.	2.2	55
92	Inception of the modern North Island (New Zealand) volcanic setting: spatio-temporal patterns of volcanism between 3.0 and 0.9 Ma. New Zealand Journal of Geology, and Geophysics, 0, , 1-23.	1.8	12