Sander van der Kaars

List of Publications by Year
in descending order

75 papers	5,428 citations	66234 42 h-index	95083 68 g-index
79 all docs	79 docs citations	79 times ranked	4589 citing authors

#	Article	IF	Citations
1	The pollen record from marine core MD03-2607 from offshore Kangaroo Island spanning the last 125â€‰ka; implications for vegetation changes across the Murray-Darling Basin. Australian Journal of Earth Sciences, 2021, 68, 928-951.	0.4	9
2	Interaction of Fire, Vegetation, and Climate in Tropical Ecosystems: A Multiproxy Study Over the Past 22,000ÂYears. Global Biogeochemical Cycles, 2020, 34, e2020GB006677.	1.9	11
3	Land-sea correlations in the Australian region: 460â€‰ka of changes recorded in a deep-sea core offshore Tasmania. Part 1: the pollen record. Australian Journal of Earth Sciences, 2019, 66, 1-15.	0.4	8
4	Differential hydro-climatic evolution of East Javanese ecosystems over the past 22,000 years. Quaternary Science Reviews, 2019, 218, 49-60.	1.4	10
5	Holocene environmental change at Inle Lake, Shan State, Myanmar, and its implications for the regional development of agriculture. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 523, 18-29.	1.0	4
6	Landâ€“sea correlations in the Australian region: 460â€‰ka of changes recorded in a deep-sea core offshore Tasmania. Part 2: the marine compared with the terrestrial record. Australian Journal of Earth Sciences, 2019, 66, 17-36.	0.4	12
7	Marine Isotope Stage 4 in Australasia: A full glacial culminating 65,000 years ago â€“ Global connections and implications for human dispersal. Quaternary Science Reviews, 2019, 204, 187-207.	1.4	38
8	Evolution of Fire Regimes in East Java Since the Last Glacial. , 2019, , .		0
9	A reassessment of the early archaeological record at Leang Burung 2, a Late Pleistocene rock-shelter site on the Indonesian island of Sulawesi. PLoS ONE, 2018, 13, e0193025.	1.1	27
10	Humans rather than climate the primary cause of Pleistocene megafaunal extinction in Australia. Nature Communications, 2017, 8, 14142.	5.8	76
11	Age and context of the oldest known hominin fossils from Flores. Nature, 2016, 534, 249-253.	13.7	88
12	Characterisation of the major dust storm that traversed over eastern Australia in September 2009; a multidisciplinary approach. Aeolian Research, 2014, 15, 133-149.	1.1	34
13	Indonesian vegetation response to changes in rainfall seasonality over the past 25,000 years. Nature Geoscience, 2014, 7, 513-517.	5.4	80
14	Palaeoenvironmental change in tropical Australasia over the last 30,000 years â€“ a synthesis by the OZ-INTIMATE group. Quaternary Science Reviews, 2013, 74, 97-114.	1.4	142
15	Climate variability over the last 35,000 years recorded in marine and terrestrial archives in the Australian region: an OZ-INTIMATE compilation. Quaternary Science Reviews, 2013, 74, 21-34.	1.4	162
16	POLLEN RECORDS, LATE PLEISTOCENE | Australasia. , 2013, , 18-26.		0
17	The influence of the â¼73Âka Toba super-eruption on the ecosystems of northern Sumatra as recorded in marine core BAR94-25. Quaternary International, 2012, 258, 45-53.	0.7	24
18	A review of the use of non-pollen palynomorphs in palaeoecology with examples from Australia. Palynology, 2011, 35, 155-178.	0.7	54

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19	The Quaternary history of Far Eastern rainforests. , 2011, , 85-123.		10
20	Observed relationships between El NiÃ±oâ€Southern Oscillation, rainfall variability and vegetation and fire history on Halmahera, Maluku, Indonesia. Global Change Biology, 2010, 16, 1705-1714.	4.2	18
21	Past dynamics of the Australian monsoon: precession, phase and links to the global monsoon concept. Climate of the Past, 2010, 6, 695-706.	1.3	46
22	Reply to the comment on â€œEnvironmental impact of the 73ka Toba super-eruption in South Asiaâ€•by M. A. J. Williams, S. H. Ambrose, S. van der Kaars, C. Ruehlemann, U. Chattopadhyaya, J. Pal, P. R. Chauhan [Palaeogeography, Palaeoclimatology, Palaeoecology 284 (2009) 295â€“314]. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 296, 204-211.	1.0	19
23	Changes in monsoon and ocean circulation and the vegetation cover of southwest Sumatra through the last 83,000years: The record from marine core BAR94-42. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 296, 52-78.	1.0	37
24	Beneath the peat: A refined pollen record from an interstadial at Caledonia Fen, highland eastern Victoria, Australia. , 2010, , .		2
25	Glacial and deglacial climatic patterns in Australia and surrounding regions from 35â€ˆ000 to 10â€ˆ000 years ago reconstructed from terrestrial and near-shore proxy data. Quaternary Science Reviews, 2009, 28, 2398-2419.	1.4	134
26	A late Pleistocene record of aeolian sedimentation in Blanche Cave, Naracoorte,ÂSouth Australia. Quaternary Science Reviews, 2009, 28, 2600-2615.	1.4	34
27	Environmental impact of the 73ka Toba super-eruption in South Asia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 284, 295-314.	1.0	178
28	Geochemical and microbiological fingerprinting of airborne dust that fell in Canberra, Australia, in October 2002. Geochemistry, Geophysics, Geosystems, 2008, 9, .	1.0	28
29	A complete pollen record of the last 230Âka from Lynch's Crater, north-eastern Australia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 251, 23-45.	1.0	152
30	Using the Paleorecord to Evaluate Climate and Fire Interactions in Australia. Annual Review of Earth and Planetary Sciences, 2007, 35, 215-239.	4.6	76
31	POLLEN RECORDS, LATE PLEISTOCENE | Australia and New Zealand. , 2007, , 2613-2623.		7
32	The Quaternary history of far eastern rainforests. , 2007, , 77-115.		13
33	Climatic variability in the southwest Pacific during the Last Termination (20â€“10kyrBP). Quaternary Science Reviews, 2006, 25, 886-903.	1.4	67
34	Environmental change and the arrival of people in the Australian region. Before Farming, 2006, 2006, 1-24.	0.2	28
35	A 100â€‰000-year record of annual and seasonal rainfall and temperature for northwestern Australia based on a pollen record obtained offshore. Journal of Quaternary Science, 2006, 21, 879-889.	1.1	56
36	Development and testing of transfer functions for generating quantitative climatic estimates from Australian pollen data. Journal of Quaternary Science, 2006, 21, 723-733.	1.1	19

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37	Pollen-based reconstructions of biome distributions for Australia, Southeast Asia and the Pacific (SEAPAC region) at 0, 6000 and 18,000 14C yr BP. Journal of Biogeography, 2004, 31, 1381-1444.	1.4	140
38	Anthropogenic changes in the landscape of west Java(Indonesia) during historic times, inferred from a sediment and pollen record from Teluk Banten. Journal of Quaternary Science, 2004, 19, 229-239.	1.1	6
39	Environmental change and peatland forest dynamics in the Lake Sentarum area, West Kalimantan, Indonesia. Journal of Quaternary Science, 2004, 19, 637-655.	1.1	103
40	Late Quaternary climates of the Australian arid zone: a review. Quaternary International, 2004, 118-119, 87-102.	0.7	237
41	History of vegetation and habitat change in the Austral-Asian region. Quaternary International, 2004, 118-119, 103-126.	0.7	180
42	Pollen distribution in marine surface sediments offshore Western Australia. Review of Palaeobotany and Palynology, 2003, 124, 113-129.	0.8	62
43	Late Quaternary Milankovitch-scale climatic change and variability and its impact on monsoonal Australasia. Marine Geology, 2003, 201, 81-95.	0.9	107
44	Causes and consequences of long-term climatic variability on the Australian continent. Freshwater Biology, 2003, 48, 1274-1283.	1.2	101
45	The status of the Indo-Pacific Warm Pool and adjacent land at the Last Glacial Maximum. Global and Planetary Change, 2003, 35, 25-35.	1.6	98
46	A Late Quaternary pollen record from deep-sea core Fr10/95, GC17 offshore Cape Range Peninsula, northwestern Western Australia. Review of Palaeobotany and Palynology, 2002, 120, 17-39.	0.8	99
47	Determinants of stingless bee nest density in lowland dipterocarp forests of Sabah, Malaysia. Oecologia, 2002, 131, 27-34.	0.9	95
48	Sea-level and environmental changes since the last interglacial in the Gulf of Carpentaria, Australia: an overview. Quaternary International, 2001, 83-85, 19-46.	0.7	149
49	Quaternary environmental change in the Indonesian region. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 171, 91-95.	1.0	18
50	Palaeoenvironmental developments in the Lake Tondano area (N. Sulawesi, Indonesia) since 33,000yr B.P.. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 171, 147-183.	1.0	85
51	Late Quaternary palaeoecology, palynology and palaeolimnology of a tropical lowland swamp: Rawa Danau, West-Java, Indonesia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 171, 185-212.	1.0	125
52	A Late Pleistocene and Holocene pollen and charcoal record from peat swamp forest, Lake Sentarum Wildlife Reserve, West Kalimantan, Indonesia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 171, 213-228.	1.0	140
53	Late Quaternary tropical lowland environments on Halmahera, Indonesia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 171, 229-258.	1.0	15
54	Biomass burning in Indonesia and Papua New Guinea: natural and human induced fire events in the fossil record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 171, 259-268.	1.0	154

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55	Pollen distribution in marine sediments from the south-eastern Indonesian waters. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 171, 341-361.	1.0	85
56	Assessing stingless bee pollen diet by analysis of garbage pellets: a new method. Apidologie, 2001, 32, 341-353.	0.9	19
57	Pollen foraging and resource partitioning of stingless bees in relation to flowering dynamics in a Southeast Asian tropical rainforest. Insectes Sociaux, 2001, 48, 273-279.	0.7	62
58	Pollen Records of the Last Glacial Cycle in the Southern Hemisphere Tropics of the PEPII Transect. PAGES News, 2001, 9, 11-12.	0.3	4
59	Palaeoclimate and the formation of sapropel S1: inferences from Late Quaternary lacustrine and marine sequences in the central Mediterranean region. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 158, 215-240.	1.0	170
60	A Late Quaternary palaeoecological record from the Banda Sea, Indonesia: patterns of vegetation, climate and biomass burning in Indonesia and northern Australia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 155, 135-153.	1.0	186
61	Title is missing!. Journal of Paleolimnology, 1999, 21, 325-343.	0.8	60
62	Late Quaternary cycles of mangrove development and decline on the north Australian continental shelf. Journal of Quaternary Science, 1999, 14, 465-470.	1.1	82
63	A record of fire, vegetation and climate through the last three glacial cycles from Lombok Ridge core G6-4, eastern Indian Ocean, Indonesia. Palaeogeography, Palaeoclimatology, Palaeoecology, 1999, 147, 241-256.	1.0	104
64	Late Quaternary cycles of mangrove development and decline on the north Australian continental shelf. , 1999, 14, 465.		1
65	Holocene climatic change in Morocco: a quantitative reconstruction from pollen data. Climate Dynamics, 1998, 14, 883-890.	1.7	158
66	Climatic implications of biomass burning in the australian-indonesian region. Science Bulletin, 1998, 43, 141-141.	1.7	0
67	Vegetation and climate change in West-Java, Indonesia during the last 135,000 years. Quaternary International, 1997, 37, 67-71.	0.7	61
68	Relation between century-scale Holocene arid intervals in tropical and temperate zones. Nature, 1995, 373, 134-137.	13.7	234
69	Late quaternary pollen diagrams from the central Adriatic Sea (part of theâ€œpaliclasâ€multidisciplinary) Tj ETQq1 1 0.784314 rgBT /Ov	0.0	1
70	Vegetational response to Holocene climatic change: pollen and palaeolimnological data from the Middle Atlas, Morocco. Holocene, 1995, 5, 400-408.	0.9	79
71	A 135,000-year record of vegetational and climatic change from the Bandung area, West-Java, Indonesia. Palaeogeography, Palaeoclimatology, Palaeoecology, 1995, 117, 55-72.	1.0	158
72	Interpretation of Holocene lake-level change from diatom assemblages in Lake Sidi Ali, Middle Atlas, Morocco. Journal of Paleolimnology, 1994, 12, 223-234.	0.8	75

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73	Palynology of eastern Indonesian marine piston-cores: a Late Quaternary vegetational and climatic record for Australasia. Palaeogeography, Palaeoclimatology, Palaeoecology, 1991, 85, 239-302.	1.0	187
74	Late quaternary palaeoceanography of the Banda Sea, eastern Indonesian piston cores (Snellius-II) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	11
75	Terminal Cretaceous Extinctions in the Hell Creek Area, Montana: Compatible with Catastrophic Extinction. Science, 1984, 223, 1177-1179.	6.0	67