

Sander van der Kaars

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3597973/publications.pdf>

Version: 2024-02-01

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	Late Quaternary climates of the Australian arid zone: a review. <i>Quaternary International</i> , 2004, 118-119, 87-102.	0.7	237
2	Relation between century-scale Holocene arid intervals in tropical and temperate zones. <i>Nature</i> , 1995, 373, 134-137.	13.7	234
3	Palynology of eastern Indonesian marine piston-cores: a Late Quaternary vegetational and climatic record for Australasia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1991, 85, 239-302.	1.0	187
4	A Late Quaternary palaeoecological record from the Banda Sea, Indonesia: patterns of vegetation, climate and biomass burning in Indonesia and northern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 155, 135-153.	1.0	186
5	History of vegetation and habitat change in the Austral-Asian region. <i>Quaternary International</i> , 2004, 118-119, 103-126.	0.7	180
6	Environmental impact of the 73ka Toba super-eruption in South Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 284, 295-314.	1.0	178
7	Palaeoclimate and the formation of sapropel S1: inferences from Late Quaternary lacustrine and marine sequences in the central Mediterranean region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 158, 215-240.	1.0	170
8	Climate variability over the last 35,000 years recorded in marine and terrestrial archives in the Australian region: an OZ-INTIMATE compilation. <i>Quaternary Science Reviews</i> , 2013, 74, 21-34.	1.4	162
9	A 135,000-year record of vegetational and climatic change from the Bandung area, West-Java, Indonesia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1995, 117, 55-72.	1.0	158
10	Holocene climatic change in Morocco: a quantitative reconstruction from pollen data. <i>Climate Dynamics</i> , 1998, 14, 883-890.	1.7	158
11	Biomass burning in Indonesia and Papua New Guinea: natural and human induced fire events in the fossil record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 171, 259-268.	1.0	154
12	A complete pollen record of the last 230ka from Lynch's Crater, north-eastern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 251, 23-45.	1.0	152
13	Sea-level and environmental changes since the last interglacial in the Gulf of Carpentaria, Australia: an overview. <i>Quaternary International</i> , 2001, 83-85, 19-46.	0.7	149
14	Palaeoenvironmental change in tropical Australasia over the last 30,000 years – a synthesis by the OZ-INTIMATE group. <i>Quaternary Science Reviews</i> , 2013, 74, 97-114.	1.4	142
15	A Late Pleistocene and Holocene pollen and charcoal record from peat swamp forest, Lake Sentarum Wildlife Reserve, West Kalimantan, Indonesia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 171, 213-228.	1.0	140
16	Pollen-based reconstructions of biome distributions for Australia, Southeast Asia and the Pacific (SEAPAC region) at 0, 6000 and 18,000 14C yr BP. <i>Journal of Biogeography</i> , 2004, 31, 1381-1444.	1.4	140
17	Glacial and deglacial climatic patterns in Australia and surrounding regions from 35,000 to 10,000 years ago reconstructed from terrestrial and near-shore proxy data. <i>Quaternary Science Reviews</i> , 2009, 28, 2398-2419.	1.4	134
18	Late Quaternary palaeoecology, palynology and palaeolimnology of a tropical lowland swamp: Rawa Danau, West-Java, Indonesia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 171, 185-212.	1.0	125

#	ARTICLE	IF	CITATIONS
19	Late Quaternary Milankovitch-scale climatic change and variability and its impact on monsoonal Australasia. <i>Marine Geology</i> , 2003, 201, 81-95.	0.9	107
20	A record of fire, vegetation and climate through the last three glacial cycles from Lombok Ridge core G6-4, eastern Indian Ocean, Indonesia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 147, 241-256.	1.0	104
21	Environmental change and peatland forest dynamics in the Lake Sentarum area, West Kalimantan, Indonesia. <i>Journal of Quaternary Science</i> , 2004, 19, 637-655.	1.1	103
22	Causes and consequences of long-term climatic variability on the Australian continent. <i>Freshwater Biology</i> , 2003, 48, 1274-1283.	1.2	101
23	A Late Quaternary pollen record from deep-sea core Fr10/95, GC17 offshore Cape Range Peninsula, northwestern Western Australia. <i>Review of Palaeobotany and Palynology</i> , 2002, 120, 17-39.	0.8	99
24	The status of the Indo-Pacific Warm Pool and adjacent land at the Last Glacial Maximum. <i>Global and Planetary Change</i> , 2003, 35, 25-35.	1.6	98
25	Determinants of stingless bee nest density in lowland dipterocarp forests of Sabah, Malaysia. <i>Oecologia</i> , 2002, 131, 27-34.	0.9	95
26	Age and context of the oldest known hominin fossils from Flores. <i>Nature</i> , 2016, 534, 249-253.	13.7	88
27	Palaeoenvironmental developments in the Lake Tondano area (N. Sulawesi, Indonesia) since 33,000yr B.P.. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 171, 147-183.	1.0	85
28	Pollen distribution in marine sediments from the south-eastern Indonesian waters. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 171, 341-361.	1.0	85
29	Late Quaternary cycles of mangrove development and decline on the north Australian continental shelf. <i>Journal of Quaternary Science</i> , 1999, 14, 465-470.	1.1	82
30	Indonesian vegetation response to changes in rainfall seasonality over the past 25,000 years. <i>Nature Geoscience</i> , 2014, 7, 513-517.	5.4	80
31	Vegetational response to Holocene climatic change: pollen and palaeolimnological data from the Middle Atlas, Morocco. <i>Holocene</i> , 1995, 5, 400-408.	0.9	79
32	Using the Paleorecord to Evaluate Climate and Fire Interactions in Australia. <i>Annual Review of Earth and Planetary Sciences</i> , 2007, 35, 215-239.	4.6	76
33	Humans rather than climate the primary cause of Pleistocene megafaunal extinction in Australia. <i>Nature Communications</i> , 2017, 8, 14142.	5.8	76
34	Interpretation of Holocene lake-level change from diatom assemblages in Lake Sidi Ali, Middle Atlas, Morocco. <i>Journal of Paleolimnology</i> , 1994, 12, 223-234.	0.8	75
35	Terminal Cretaceous Extinctions in the Hell Creek Area, Montana: Compatible with Catastrophic Extinction. <i>Science</i> , 1984, 223, 1177-1179.	6.0	67
36	Climatic variability in the southwest Pacific during the Last Termination (20â€“10kyrBP). <i>Quaternary Science Reviews</i> , 2006, 25, 886-903.	1.4	67

#	ARTICLE	IF	CITATIONS
37	Pollen foraging and resource partitioning of stingless bees in relation to flowering dynamics in a Southeast Asian tropical rainforest. <i>Insectes Sociaux</i> , 2001, 48, 273-279.	0.7	62
38	Pollen distribution in marine surface sediments offshore Western Australia. <i>Review of Palaeobotany and Palynology</i> , 2003, 124, 113-129.	0.8	62
39	Vegetation and climate change in West-Java, Indonesia during the last 135,000 years. <i>Quaternary International</i> , 1997, 37, 67-71.	0.7	61
40	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 325-343.	0.8	60
41	A 100,000-year record of annual and seasonal rainfall and temperature for northwestern Australia based on a pollen record obtained offshore. <i>Journal of Quaternary Science</i> , 2006, 21, 879-889.	1.1	56
42	A review of the use of non-pollen palynomorphs in palaeoecology with examples from Australia. <i>Palynology</i> , 2011, 35, 155-178.	0.7	54
43	Past dynamics of the Australian monsoon: precession, phase and links to the global monsoon concept. <i>Climate of the Past</i> , 2010, 6, 695-706.	1.3	46
44	Marine Isotope Stage 4 in Australasia: A full glacial culminating 65,000 years ago – Global connections and implications for human dispersal. <i>Quaternary Science Reviews</i> , 2019, 204, 187-207.	1.4	38
45	Changes in monsoon and ocean circulation and the vegetation cover of southwest Sumatra through the last 83,000 years: The record from marine core BAR94-42. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 296, 52-78.	1.0	37
46	A late Pleistocene record of aeolian sedimentation in Blanche Cave, Naracoorte, South Australia. <i>Quaternary Science Reviews</i> , 2009, 28, 2600-2615.	1.4	34
47	Characterisation of the major dust storm that traversed over eastern Australia in September 2009; a multidisciplinary approach. <i>Aeolian Research</i> , 2014, 15, 133-149.	1.1	34
48	Environmental change and the arrival of people in the Australian region. <i>Before Farming</i> , 2006, 2006, 1-24.	0.2	28
49	Geochemical and microbiological fingerprinting of airborne dust that fell in Canberra, Australia, in October 2002. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	28
50	A reassessment of the early archaeological record at Leang Burung 2, a Late Pleistocene rock-shelter site on the Indonesian island of Sulawesi. <i>PLoS ONE</i> , 2018, 13, e0193025.	1.1	27
51	The influence of the 73ka Toba super-eruption on the ecosystems of northern Sumatra as recorded in marine core BAR94-25. <i>Quaternary International</i> , 2012, 258, 45-53.	0.7	24
52	Assessing stingless bee pollen diet by analysis of garbage pellets: a new method. <i>Apidologie</i> , 2001, 32, 341-353.	0.9	19
53	Development and testing of transfer functions for generating quantitative climatic estimates from Australian pollen data. <i>Journal of Quaternary Science</i> , 2006, 21, 723-733.	1.1	19
54	Reply to the comment on “Environmental impact of the 73ka Toba super-eruption in South Asia” by M. A. J. Williams, S. H. Ambrose, S. van der Kaars, C. Ruehleemann, U. Chattopadhyaya, J. Pal, P. R. Chauhan [Palaeogeography, Palaeoclimatology, Palaeoecology 284 (2009) 295–314]. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 296, 204-211.	1.0	19

#	ARTICLE	IF	CITATIONS
55	Quaternary environmental change in the Indonesian region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 171, 91-95.	1.0	18
56	Observed relationships between El Niño–Southern Oscillation, rainfall variability and vegetation and fire history on Halmahera, Maluku, Indonesia. <i>Global Change Biology</i> , 2010, 16, 1705-1714.	4.2	18
57	Late Quaternary tropical lowland environments on Halmahera, Indonesia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 171, 229-258.	1.0	15
58	The Quaternary history of far eastern rainforests. , 2007, , 77-115.		13
59	Land–sea correlations in the Australian region: 460 ka of changes recorded in a deep-sea core offshore Tasmania. Part 2: the marine compared with the terrestrial record. <i>Australian Journal of Earth Sciences</i> , 2019, 66, 17-36.	0.4	12
60	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
61	Interaction of Fire, Vegetation, and Climate in Tropical Ecosystems: A Multiproxy Study Over the Past 22,000 Years. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006677.	1.9	11
62	Differential hydro-climatic evolution of East Javanese ecosystems over the past 22,000 years. <i>Quaternary Science Reviews</i> , 2019, 218, 49-60.	1.4	10
63	The Quaternary history of Far Eastern rainforests. , 2011, , 85-123.		10
64	The pollen record from marine core MD03-2607 from offshore Kangaroo Island spanning the last 125 ka; implications for vegetation changes across the Murray-Darling Basin. <i>Australian Journal of Earth Sciences</i> , 2021, 68, 928-951.	0.4	9
65	Land-sea correlations in the Australian region: 460 ka of changes recorded in a deep-sea core offshore Tasmania. Part 1: the pollen record. <i>Australian Journal of Earth Sciences</i> , 2019, 66, 1-15.	0.4	8
66	POLLEN RECORDS, LATE PLEISTOCENE Australia and New Zealand. , 2007, , 2613-2623.		7
67	Anthropogenic changes in the landscape of west Java (Indonesia) during historic times, inferred from a sediment and pollen record from Teluk Banten. <i>Journal of Quaternary Science</i> , 2004, 19, 229-239.	1.1	6
68	Holocene environmental change at Inle Lake, Shan State, Myanmar, and its implications for the regional development of agriculture. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 523, 18-29.	1.0	4
69	Pollen Records of the Last Glacial Cycle in the Southern Hemisphere Tropics of the PEPPI Transect. <i>PAGES News</i> , 2001, 9, 11-12.	0.3	4
70	Beneath the peat: A refined pollen record from an interstadial at Caledonia Fen, highland eastern Victoria, Australia. , 2010, , .		2
71	Late quaternary pollen diagrams from the central Adriatic Sea (part of the eopaliclasa€ multidisciplinary) Tj ETQq1 1 0.7843 14 rgBT /Ov	1.0	1
72	Late Quaternary cycles of mangrove development and decline on the north Australian continental shelf. , 1999, 14, 465.		1

#	ARTICLE	IF	CITATIONS
73	Climatic implications of biomass burning in the australian-indonesian region. Science Bulletin, 1998, 43, 141-141.	1.7	0
74	POLLEN RECORDS, LATE PLEISTOCENE Australasia. , 2013, , 18-26.		0
75	Evolution of Fire Regimes in East Java Since the Last Glacial. , 2019, , .		0