

# Lydie Dupont

## List of Publications by Year in descending order

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109  
papers

4,801  
citations

76326

40  
h-index

106344

65  
g-index

132  
all docs

132  
docs citations

132  
times ranked

4327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vegetation change in equatorial West Africa: time-slices for the last 150 ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 155, 95-122.	2.3	232
2	Late Quaternary palynology in marine sediments: A synthesis of the understanding of pollen distribution patterns in the NW African setting. <i>Quaternary International</i> , 2006, 148, 29-44.	1.5	158
3	Vegetational and climatic changes at the northern fringe of the sahara 250,000â€“5000 years BP: evidence from 4 marine pollen records located between Portugal and the Canary Islands. <i>Review of Palaeobotany and Palynology</i> , 1992, 74, 1-53.	1.5	157
4	The role of fire in Miocene to Pliocene C4 grassland and ecosystem evolution. <i>Nature Geoscience</i> , 2013, 6, 1027-1030.	12.9	153
5	Development of vegetation and continental aridity in northwestern Africa during the Late Pliocene: the pollen record of ODP site 658. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994, 109, 295-316.	2.3	138
6	Mapping of C4 plant input from North West Africa into North East Atlantic sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 3505-3513.	3.9	136
7	Correlation between Vegetation in Southwestern Africa and Oceanic Upwelling in the Past 21,000 Years. <i>Quaternary Research</i> , 2000, 54, 72-80.	1.7	132
8	Taraxerol and Rhizophora pollen as proxies for tracking past mangrove ecosystems. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 411-422.	3.9	129
9	Southeast trade wind variations during the last 135 kyr: evidence from pollen spectra in eastern South Atlantic sediments. <i>Earth and Planetary Science Letters</i> , 2001, 187, 311-321.	4.4	128
10	Reconstructing pathways of aeolian pollen transport to the marine sediments along the coastline of SW Africa. <i>Quaternary Science Reviews</i> , 2003, 22, 157-174.	3.0	123
11	Palaeoenvironmental changes in the arid and sub arid belt (Sahara-Sahel-Arabian Peninsula) from 150 kyr to present. <i>Developments in Palaeoenvironmental Research</i> , 2004, , 219-256.	8.0	117
12	Mid-Pleistocene environmental change in tropical Africa began as early as 1.05 Ma. <i>Geology</i> , 2001, 29, 195.	4.4	110
13	Vegetation change, goats, and religion: a 2000-year history of land use in southern Morocco. <i>Quaternary Science Reviews</i> , 2009, 28, 1434-1448.	3.0	107
14	A north to south transect of Holocene southeast Atlantic continental margin sediments: Relationship between aerosol transport and compound-specific $\delta^{13}C$ land plant biomarker and pollen records. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	2.5	106
15	Orbital scale vegetation change in Africa. <i>Quaternary Science Reviews</i> , 2011, 30, 3589-3602.	3.0	101
16	Vegetation and climate changes during the last 21 000 years in S.W. Africa based on a marine pollen record. <i>Vegetation History and Archaeobotany</i> , 1998, 7, 127-140.	2.1	98
17	Miocene to Pliocene development of surface and subsurface temperatures in the Benguela Current system. <i>Paleoceanography</i> , 2011, 26, .	3.0	92
18	Early anthropogenic impact on Western Central African rainforests 2,600 y ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3261-3266.	7.1	83

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19	Vegetation history of the savanna corridor between the Guinean and the Congolian rain forest during the last 150,000 years. <i>Vegetation History and Archaeobotany</i> , 1996, 5, 273.	2.1	82
20	Environmental control of pollen grain distribution patterns in the Gulf of Guinea and offshore NW-Africa. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1991, 80, 567-589.	1.3	81
21	Glacial/interglacial changes in southern Africa: Compound-specific $\delta^{13}C$ land plant biomarker and pollen records from southeast Atlantic continental margin sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	80
22	Climate-driven rampant speciation of the Cape flora. <i>Journal of Biogeography</i> , 2011, 38, 1059-1068.	3.0	80
23	Temperature and rainfall variation in the holocene based on comparative palaeoecology and isotope geology of a hummock and a hollow (Bourtangerveen, The Netherlands). <i>Review of Palaeobotany and Palynology</i> , 1986, 48, 71-159.	1.5	79
24	A two-million-year-long hydroclimatic context for hominin evolution in southeastern Africa. <i>Nature</i> , 2018, 560, 76-79.	27.8	73
25	Millennial-scale changes in vegetation records from tropical Africa and South America during the last glacial. <i>Quaternary Science Reviews</i> , 2010, 29, 2882-2899.	3.0	70
26	Linking desert evolution and coastal upwelling: Pliocene climate change in Namibia. <i>Geology</i> , 2005, 33, 461.	4.4	66
27	Vegetation zones in NW Africa during the brunhes chron reconstructed from marine palynological data. <i>Quaternary Science Reviews</i> , 1993, 12, 189-202.	3.0	65
28	Neotropical vegetation response to rapid climate changes during the last glacial period: Palynological evidence from the Cariaco Basin. <i>Quaternary Research</i> , 2008, 69, 217-230.	1.7	61
29	Glacial-interglacial vegetation dynamics in South Eastern Africa coupled to sea surface temperature variations in the Western Indian Ocean. <i>Climate of the Past</i> , 2011, 7, 1209-1224.	3.4	61
30	Miocene to Pliocene changes in South African hydrology and vegetation in relation to the expansion of C4 plants. <i>Earth and Planetary Science Letters</i> , 2013, 375, 408-417.	4.4	61
31	ON GENE FLOW BETWEEN <i>TETRANYCHUS URTICAE</i> KOCH, 1836 AND <i>TETRANYCHUS CINNABARINUS</i> (BOISDUVAL) BOUDREAUX, 1956 (ACARI: TETRANYCHIDAE): SYNONYMY BETWEEN THE TWO SPECIES. <i>Entomologia Experimentalis Et Applicata</i> , 1979, 25, 297-303.	1.4	57
32	Tropical salt marsh succession as sea-level indicator during Heinrich events. <i>Quaternary Science Reviews</i> , 2009, 28, 939-946.	3.0	57
33	Two-step vegetation response to enhanced precipitation in Northeast Brazil during Heinrich event 1. <i>Global Change Biology</i> , 2010, 16, 1647-1660.	9.5	55
34	Land-sea correlation by means of terrestrial and marine palynomorphs from the equatorial East Atlantic: phasing of SE trade winds and the oceanic productivity. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 142, 51-84.	2.3	53
35	n-Alkane and pollen reconstruction of terrestrial climate and vegetation for N.W. Africa over the last 160 kyr. <i>Organic Geochemistry</i> , 2003, 34, 131-143.	1.8	53
36	Late Quaternary vegetation and climate dynamics in the Serra da Bocaina, southeastern Brazil. <i>Quaternary International</i> , 2007, 161, 22-31.	1.5	53

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37	Dinoflagellate cyst distribution in marine surface sediments off West Africa (17°6'N) in relation to sea-surface conditions, freshwater input and seasonal coastal upwelling. <i>Marine Micropaleontology</i> , 2009, 71, 113-130.	1.2	53
38	Vegetation and climatic history of southwest Africa: A marine palynological record of the last 300,000 years. <i>Vegetation History and Archaeobotany</i> , 1997, 6, 117-131.	2.1	51
39	Marine palynology of the ODP site 658 (N-W Africa) and its contribution to the stratigraphy of Late Pliocene. <i>Geobios</i> , 1997, 30, 351-359.	1.4	50
40	The Saharan-Sahelian boundary during the Brunhes chron. <i>Acta Botanica Neerlandica</i> , 1989, 38, 405-415.	0.9	44
41	Thirty thousand years of vegetation development and climate change in Angola (Ocean Drilling) Tj ETQq1 1 0.784314 rgBT / Overlock 10	3.4	42
42	Latitudinal shifts of forest and savanna in N. W. Africa during the Brunhes chron: further marine palynological results from site M 16415 (9°1/2;N 19°1/2W). <i>Vegetation History and Archaeobotany</i> , 1992, 1, 163.	2.1	39
43	Palynological evidence for climatic and oceanic variability off NW Africa during the late Holocene. <i>Quaternary Research</i> , 2009, 72, 188-197.	1.7	39
44	NW African hydrology and vegetation during the Last Glacial cycle reflected in plant-wax-specific hydrogen and carbon isotopes. <i>Quaternary Science Reviews</i> , 2013, 82, 56-67.	3.0	39
45	The ACER pollen and charcoal database: a global resource to document vegetation and fire response to abrupt climate changes during the last glacial period. <i>Earth System Science Data</i> , 2017, 9, 679-695.	9.9	38
46	Variability in glacial and Holocene marine pollen records offshore from west southern Africa. <i>Vegetation History and Archaeobotany</i> , 2006, 16, 87-100.	2.1	36
47	Middle to Late Pleistocene vegetation and climate change in subtropical southern East Africa. <i>Earth and Planetary Science Letters</i> , 2016, 450, 306-316.	4.4	35
48	Palaeobotanic and isotopic analysis of late subboreal and early subatlantic peat from engbertsdijksveen VII, The Netherlands. <i>Review of Palaeobotany and Palynology</i> , 1984, 41, 241-271.	1.5	34
49	Impacts of rapid sea-level rise on mangrove deposit erosion: application of taraxerol and <i>Rhizophora</i> records. <i>Journal of Quaternary Science</i> , 2005, 20, 221-225.	2.1	32
50	Late Miocene to Pleistocene Evolution of Climate in Africa and the Low-Latitude Atlantic: Overview of Leg 108 Results. , 0, , .		32
51	Temporal variability of fluxes of eolian-transported freshwater diatoms, phytoliths, and pollen grains off Cape Blanc as reflection of land-atmosphere-ocean interactions in northwest Africa. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	31
52	Late Pliocene vegetation and climate in Namibia (southern Africa) derived from palynology of ODP Site 1082. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	31
53	Land-sea linkages during deglaciation: High-resolution records from the eastern Atlantic off the coast of Namibia and Angola (ODP site 1078). <i>Quaternary International</i> , 2006, 148, 19-28.	1.5	30
54	Sahel megadrought during Heinrich Stadial 1: evidence for a three-phase evolution of the low- and mid-level West African wind system. <i>Quaternary Science Reviews</i> , 2012, 58, 66-76.	3.0	28

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55	Reconstructing marine productivity of the Cariaco Basin during marine isotope stages 3 and 4 using organic-walled dinoflagellate cysts. <i>Paleoceanography</i> , 2008, 23, .	3.0	26
56	Holocene environmental dynamics of south-eastern Brazil recorded in laminated sediments of Lago Aleixo. <i>Journal of Paleolimnology</i> , 2010, 44, 265-277.	1.6	26
57	Miocene–Pliocene vegetation change in south-western Africa (ODP Site 1081, offshore Namibia). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 423, 102-108.	2.3	26
58	Intermittent development of forest corridors in northeastern Brazil during the last deglaciation: Climatic and ecologic evidence. <i>Quaternary Science Reviews</i> , 2018, 192, 86-96.	3.0	26
59	Hybrid insolation forcing of Pliocene monsoon dynamics in West Africa. <i>Climate of the Past</i> , 2018, 14, 73-84.	3.4	25
60	Holocene vegetation and climate variability in the winter and summer rainfall zones of South Africa. <i>Holocene</i> , 2016, 26, 843-857.	1.7	24
61	The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. <i>Earth and Planetary Science Letters</i> , 2019, 505, 30-41.	4.4	24
62	Holocene raised bog deposits in the Netherlands as geochemical archives of prehistoric aerosols. <i>Acta Botanica Neerlandica</i> , 1989, 38, 467-476.	0.9	23
63	Effects of atmospheric CO <sub>2</sub> variability of the past 800 kyr on the biomes of southeast Africa. <i>Climate of the Past</i> , 2019, 15, 1083-1097.	3.4	22
64	Pliocene environmental change in West Africa and the onset of strong NE trade winds (ODP Sites 659) Tj ETQq0 0 0 rgBT /Overlock 10 T 2.35 21	2.35	21
65	Glacial-interglacial vegetation change in the Zambezi catchment. <i>Quaternary Science Reviews</i> , 2017, 155, 127-135.	3.0	20
66	Recent climatic and anthropogenic impacts on endemic species in southwestern Morocco. <i>Quaternary Science Reviews</i> , 2019, 221, 105889.	3.0	20
67	Terrestrial Organic Matter in Marine Sediments: Analytical Approaches and Eolian-Marine Records in the Central Equatorial Atlantic. , 1999, , 547-574.		18
68	The roles of fire in Holocene ecosystem changes of West Africa. <i>Earth and Planetary Science Letters</i> , 2018, 481, 255-263.	4.4	18
69	Southwest African climate independent of Atlantic sea surface temperatures during the Younger Dryas. <i>Quaternary Research</i> , 2004, 61, 318-324.	1.7	17
70	Vegetation state changes in the course of shrub encroachment in an African savanna since about 1850 CE and their potential drivers. <i>Ecology and Evolution</i> , 2020, 10, 962-979.	1.9	17
71	First Palynological Results from Site 658 at 21°N off Northwest Africa: Pollen as Climate Indicators. , 0, , .		17
72	Tropical vegetation response to Heinrich Event 1 as simulated with the UVic ESCM and CCSM3. <i>Climate of the Past</i> , 2013, 9, 1683-1696.	3.4	16

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73	Pollen distribution in the marine surface sediments of the mudbelt along the west coast of South Africa. <i>Quaternary International</i> , 2016, 404, 44-56.	1.5	15
74	Temperature change in subtropical southeastern Africa during the past 790,000 yr. <i>Geology</i> , 2021, 49, 71-75.	4.4	14
75	Influence of Late Pleistocene and Holocene climate on vegetation distributions in southwest Africa elucidated from sedimentary n-alkanes – Differences between 12°S and 20°S. <i>Quaternary Science Reviews</i> , 2015, 125, 160-171.	3.0	12
76	Continuous vegetation record of the Greater Cape Floristic Region (South Africa) covering the past 300,000 years (IODP U1479). <i>Climate of the Past</i> , 2022, 18, 1-21.	3.4	12
77	Impact of abrupt climate change in the tropical southeast Atlantic during Marine Isotope Stage (MIS) 3. <i>Paleoceanography</i> , 2011, 26, .	3.0	11
78	Northern Hemisphere control of deglacial vegetation changes in the Rufiji uplands (Tanzania). <i>Climate of the Past</i> , 2015, 11, 751-764.	3.4	11
79	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.	4.9	11
80	Ecosystem engineering in the Quaternary of the West Coast of South Africa. <i>Evolutionary Anthropology</i> , 2021, 30, 50-62.	3.4	11
81	Differential hydro-climatic evolution of East Javanese ecosystems over the past 22,000 years. <i>Quaternary Science Reviews</i> , 2019, 218, 49-60.	3.0	10
82	Palynology of the Last 680,000 Years of ODP Site 658 (off NW-Africa): fluctuations in paleowind systems. , 1989, , 779-794.		10
83	Pollen and Spores in Marine Sediments from the East Atlantic -A View from the Ocean into the African Continent. , 1999, , 523-546.		9
84	Palaeoclimate analysis of ratios in peat sequences with variable plant composition. <i>Chemical Geology: Isotope Geoscience Section</i> , 1987, 66, 323-333.	0.6	8
85	Palynological evidence for Holocene climatic and oceanographic changes off western South Africa. <i>Quaternary Science Reviews</i> , 2017, 165, 88-101.	3.0	8
86	Early Pliocene vegetation and hydrology changes in western equatorial South America. <i>Climate of the Past</i> , 2018, 14, 1739-1754.	3.4	8
87	Multiple drivers of Miocene C4 ecosystem expansions. <i>Nature Geoscience</i> , 2020, 13, 463-464.	12.9	8
88	Tropical climate and vegetation changes during Heinrich Event 1: a model-data comparison. <i>Climate of the Past</i> , 2012, 8, 37-57.	3.4	8
89	Steps in the intensification of Benguela upwelling over the Walvis Ridge during Miocene and Pliocene. <i>International Journal of Earth Sciences</i> , 2017, 106, 171-183.	1.8	7
90	Orbital-driven environmental changes recorded at ODP Site 959 (eastern equatorial Atlantic) from the Late Miocene to the Early Pleistocene. <i>International Journal of Earth Sciences</i> , 2017, 106, 1161-1174.	1.8	7

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91	Low- to high-productivity pattern within Heinrich Stadial 1: Inferences from dinoflagellate cyst records off Senegal. <i>Global and Planetary Change</i> , 2013, 106, 64-76.	3.5	6
92	Holocene hydrologic and vegetation developments in the Orange River catchment (South Africa) and their controls. <i>Holocene</i> , 2018, 28, 1288-1300.	1.7	6
93	Paleoecological reconstruction of the successive stands of vegetation leading to a raised bog in the Meerstablok area (The Netherlands). <i>Review of Palaeobotany and Palynology</i> , 1987, 51, 271-287.	1.5	5
94	Hydroclimate change in subtropical South Africa during the mid-Piacenzian Warm Period. <i>Quaternary Science Reviews</i> , 2020, 249, 106643.	3.0	5
95	Marine Palynology of Interglacial-Glacial Transitions. , 1992, , 137-155.		4
96	Masked millennial-scale climate variations in South West Africa during the last glaciation. <i>Climate of the Past</i> , 2012, 8, 841-853.	3.4	3
97	Reply to Giresse et al.: No evidence for climate variability during the late Holocene rainforest crisis in Western Central Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6674-E6675.	7.1	3
98	Reply to Clist et al.: Human activity is the most probable trigger of the late Holocene rainforest crisis in Western Central Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4735-E4736.	7.1	3
99	Climate and land-use effects on hydrological and vegetation signals during the last three millennia: Evidence from sedimentary leaf waxes in southwestern Morocco. <i>Holocene</i> , 2021, 31, 699-708.	1.7	3
100	Late Pliocene climate changes documented in seismic and palynology data at the southwest African Margin. <i>Global and Planetary Change</i> , 2008, 63, 31-39.	3.5	2
101	Corrigendum to "Thirty thousand years of vegetation development and climate change in Angola (Ocean Drilling Program Site 1078)" published in <i>Clim. Past</i> , 4, 107-124, 2008. <i>Climate of the Past</i> , 2011, 7, 115-115.	3.4	2
102	Introduction: Tropical palaeoecology and global change. <i>Global Change Biology</i> , 2010, 16, 1645-1646.	9.5	1
103	Tropical vegetation evidence for rapid sea level changes associated with Heinrich Events. <i>IOP Conference Series: Earth and Environmental Science</i> , 2010, 9, 012003.	0.3	1
104	The Human Factor. <i>Science</i> , 2012, 335, 1180-1181.	12.6	1
105	Late-Holocene oceanic variability in the southern Benguela region driven by interplay of upwelling, fluvial discharge, and Agulhas leakage. <i>Holocene</i> , 2019, 29, 219-230.	1.7	1
106	Piacenzian Environmental Change and the Onset of Cool and Dry Conditions in Tropical South America. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA004060.	2.9	1
107	The Congo Deep-Sea Fan as an Archive of Quaternary Change in Africa and the Eastern Tropical South Atlantic (A Review). , 2009, , 79-87.		1
108	Evidence for anthropogenic, climatic and oceanographic variability off southwestern Morocco during the last three millennia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 585, 110723.	2.3	1

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109	A thankful tribute to Hans-Jürgen Beug on the occasion of his 75th birthday. <i>Vegetation History and Archaeobotany</i> , 2006, 16, 73-75.	2.1	0