Anne-Marie Lezine

List of Publications by Year
in descending order

81	6,145	87888 38	71685 76
papers	citations	h-index	g-index

88	88	88	6597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Continental-scale temperature variability during the past two millennia. Nature Geoscience, 2013, 6, 339-346.	12.9	954
2	Climate-Driven Ecosystem Succession in the Sahara: The Past 6000 Years. Science, 2008, 320, 765-768.	12.6	553
3	Phytoliths: indicators of grassland dynamics during the late Holocene in intertropical Africa. Palaeogeography, Palaeoclimatology, Palaeoecology, 1997, 136, 213-229.	2.3	325
4	Past and future global transformation of terrestrial ecosystems under climate change. Science, 2018, 361, 920-923.	12.6	307
5	Biome reconstruction from pollen and plant macrofossil data for Africa and the Arabian peninsula at 0 and 6000 years. Journal of Biogeography, 1998, 25, 1007-1027.	3.0	301
6	Sahara and Sahel vulnerability to climate changes, lessons from Holocene hydrological data. Quaternary Science Reviews, 2011, 30, 3001-3012.	3.0	222
7	Late Quaternary palynology in marine sediments: A synthesis of the understanding of pollen distribution patterns in the NW African setting. Quaternary International, 2006, 148, 29-44.	1.5	158
8	Late Quaternary Vegetation and Climate of the Sahel. Quaternary Research, 1989, 32, 317-334.	1.7	141
9	Pollen-inferred Late-Glacial and Holocene climate in southern Balkans (Lake Maliq). Quaternary International, 2009, 200, 19-30.	1.5	136
10	Pollen and hydrological evidence for the interpretation of past climates in tropical west Africa during the holocene. Quaternary Science Reviews, 1989, 8, 45-55.	3.0	122
11	Landâ€“sea correlations for the last glaciation inferred from a pollen and dinocyst record from the Portuguese margin. Quaternary Research, 2003, 59, 88-96.	1.7	116
12	Holocene changes in African vegetation: tradeoff between climate and water availability. Climate of the Past, 2014, 10, 681-686.	3.4	110
13	Late Pleistocene and Holocene vegetation history of the Bale Mountains, Ethiopia. Quaternary Science Reviews, 2007, 26, 2229-2246.	3.0	109
14	Holocene Lakes from Ramlat as-Sab'atayn (Yemen) Illustrate the Impact of Monsoon Activity in Southern Arabia. Quaternary Research, 1998, 50, 290-299.	1.7	105
15	Plant migration and plant communities at the time of the â€œgreen Saharaâ€• Comptes Rendus - Geoscience, 2009, 341, .	1.2	103
16	Centennial to millennial-scale variability of the Indian monsoon during the early Holocene from a sediment, pollen and isotope record from the desert of Yemen. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 243, 235-249.	2.3	92
17	African pollen database inventory of tree and shrub pollen types. Review of Palaeobotany and Palynology, 2007, 145, 135-141.	1.5	85
18	Lake Ohrid, Albania, provides an exceptional multi-proxy record of environmental changes during the last glacialâ€“interglacial cycle. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 287, 116-127.	2.3	84

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19	African hydroclimatic variability during the last 2000 years. Quaternary Science Reviews, 2016, 154, 1-22.	3.0	83
20	Temperature variability over Africa during the last 2000 years. Holocene, 2013, 23, 1085-1094.	1.7	81
21	Across an early Holocene humid phase in western Sahara:Pollen and isotope stratigraphy. Geology, 1990, 18, 264.	4.4	79
22	A 12,000-Year Pollen Record from Lake Maliq, Albania. Quaternary Research, 2000, 54, 423-432.	1.7	72
23	Millennial-scale changes in vegetation records from tropical Africa and South America during the last glacial. Quaternary Science Reviews, 2010, 29, 2882-2899.	3.0	70
24	West African monsoon variability during the last deglaciation and the Holocene: Evidence from fresh water algae, pollen and isotope data from core KW31, Gulf of Guinea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 219, 225-237.	2.3	66
25	Climate change and human occupation in the Southern Arabian lowlands during the last deglaciation and the Holocene. Global and Planetary Change, 2010, 72, 412-428.	3.5	65
26	Timing of vegetation changes at the end of the Holocene Humid Period in desert areas at the northern edge of the Atlantic and Indian monsoon systems. Comptes Rendus - Geoscience, 2009, 341, 750-759.	1.2	63
27	Modern climateâ€“vegetationâ€“pollen relations in Africa and adjacent areas. Quaternary Science Reviews, 2002, 21, 1611-1631.	3.0	61
28	Correlated oceanic and continental records demonstrate past climate and hydrology of North Africa (0-140 ka). Geology, 1991, 19, 307.	4.4	57
29	Evidence of forest extension in west Africa since 22,000 BP: A pollen record from the eastern tropical Atlantic. Quaternary Science Reviews, 1993, 12, 203-210.	3.0	57
30	Mangroves of Oman during the late Holocene; climatic implications and impact on human settlements. Vegetation History and Archaeobotany, 2002, 11, 221-232.	2.1	57
31	Land-sea comparisons during the last glacial-interglacial transition: pollen records from West Tropical Africa. Palaeogeography, Palaeoclimatology, Palaeoecology, 1990, 79, 313-331.	2.3	48
32	Effect of aridity and rainfall seasonality on vegetation in the southern tropics of East Africa during the Pleistocene/Holocene transition. Quaternary Research, 2012, 77, 77-86.	1.7	47
33	West African Paleoclimates during the Last Climatic Cycle Inferred from an Atlantic Deep-Sea Pollen Record. Quaternary Research, 1991, 35, 456-463.	1.7	46
34	Enhanced anticyclonic circulation in the Eastern North Atlantic during cold intervals of the last deglaciation inferred from deep-sea pollen records. Geology, 1997, 25, 119.	4.4	45
35	Microrefugia, Climate Change, and Conservation of Cedrus atlantica in the Rif Mountains, Morocco. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	45
36	Late Holocene plant and climate evolution at Lake Yoa, northern Chad: pollen data and climate simulations. Climate of the Past, 2011, 7, 1351-1362.	3.4	44

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37	Modern pollen deposition in West African Sudanian environments. Review of Palaeobotany and Palynology, 1991, 67, 41-58.	1.5	41
38	Waxing and waning of forests: Late Quaternary biogeography of southeast Africa. Global Change Biology, 2018, 24, 2939-2951.	9.5	39
39	The ACER pollen and charcoal database: aÂglobal resource to document vegetation and fire response to abrupt climate changes during the last glacial period. Earth System Science Data, 2017, 9, 679-695.	9.9	38
40	High-Resolution Pollen record from Core KW31, Gulf of Guinea, Documents the History of the Lowland Forests of West Equatorial Africa since 40,000 yr ago. Quaternary Research, 2005, 64, 432-443.	1.7	37
41	Palaeogeographical reconstructions of Lake Maliq (KorÃ§a Basin, Albania) between 14,000 BP and 2000 BP. Journal of Archaeological Science, 2010, 37, 525-535.	2.4	37
42	A 90,000-year record of Afromontane forest responses to climate change. Science, 2019, 363, 177-181.	12.6	37
43	New pollen data from the Sahel, Senegal. Review of Palaeobotany and Palynology, 1988, 55, 141-154.	1.5	35
44	Towards an understanding of West African montane forest response to climate change. Journal of Biogeography, 2013, 40, 183-196.	3.0	35
45	Multi-bioindicator study of a small estuary in VendÃ©e (France). Estuarine, Coastal and Shelf Science, 2003, 58, 843-860.	2.1	34
46	Analysis of vegetation seasonality in Sahelian environments using MODIS LAI, in association with land cover and rainfall. Journal of Arid Environments, 2012, 84, 38-50.	2.4	34
47	Timing of the southward retreat of the ITCZ at the end of the Holocene Humid Period in Southern Arabia: Data-model comparison. Quaternary Science Reviews, 2017, 164, 68-76.	3.0	32
48	Climate and environmental change at the end of the Holocene Humid Period: A pollen record off Pakistan. Comptes Rendus - Geoscience, 2009, 341, 760-769.	1.2	31
49	Pollen analyses off Senegal: Evolution of the coastal palaeoenvironment during the last deglaciation. Journal of Quaternary Science, 1995, 10, 95-105.	2.1	30
50	Pollen?plant?climate relationships in sub-Saharan Africa. Journal of Biogeography, 2007, 34, 489-499.	3.0	30
51	High-resolution sedimentary record of the last deglaciation from a high-altitude lake in Ethiopia. Quaternary Science Reviews, 2008, 27, 449-467.	3.0	28
52	Are modern pollen data representative of west African vegetation?. Review of Palaeobotany and Palynology, 2009, 156, 265-276.	1.5	28
53	Marine sedimentary environments on some parts of the tropical and equatorial Atlantic margins of Africa during the Late Quaternary. Continental Shelf Research, 1988, 8, 1-21.	1.8	25
54	Temporal relationship between Holocene human occupation and vegetation change along the northwestern margin of the Central African rainforest. Comptes Rendus - Geoscience, 2013, 345, 327-335.	1.2	25

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55	Pollen-based biome reconstructions over the past 18,000 years and atmospheric CO2 impacts on vegetation in equatorial mountains of Africa. Quaternary Science Reviews, 2016, 152, 93-103.	3.0	25
56	Evidence of Atmospheric Paleocirculation over the Gulf of Guinea since the Last Glacial Maximum. Quaternary Research, 1994, 41, 390-395.	1.7	22
57	Peat in the â€œNiayesâ€•of Senegal: depositional environment and Holocene evolution. Journal of African Earth Sciences (and the Middle East), 1991, 12, 171-179.	0.2	20
58	Forest-savannah dynamics on the Adamawa plateau (Central Cameroon) during the â€œAfrican humid periodâ€•termination: A new high-resolution pollen record from Lake Tizong. Review of Palaeobotany and Palynology, 2016, 235, 129-139.	1.5	19
59	Orbitally-induced changes of the Atlantic and Indian monsoons over the past 20,000 years: New insights based on the comparison of continental and marine records. Bulletin - Societie Geologique De France, 2014, 185, 3-12.	2.2	18
60	Man and environment around lake Maliq (southern Albania) during the Late Holocene. Vegetation History and Archaeobotany, 2001, 10, 79-86.	2.1	17
61	East African weathering dynamics controlled by vegetation-climate feedbacks. Geology, 2017, 45, 823-826.	4.4	17
62	Vegetation Controls on Weathering Intensity during the Last Deglacial Transition in Southeast Africa. PLoS ONE, 2014, 9, e112855.	2.5	15
63	Î´13C variation of soil organic matter as an indicator of vegetation change during the Holocene in central Cameroon. Comptes Rendus - Geoscience, 2013, 345, 266-271.	1.2	13
64	Brazilian montane rainforest expansion induced by Heinrich Stadial 1 event. Scientific Reports, 2019, 9, 17912.	3.3	13
65	The recent colonization history of the most widespread Podocarpus tree species in Afromontane forests. Annals of Botany, 2020, 126, 73-83.	2.9	13
66	Evolution of the West African Mangrove During the Late Quaternary: A Review. GÃ©ographie Physique Et Quaternaire, 1997, 51, 405-414.	0.2	12
67	I-n-Atei palaeolake documents past environmental changes in central Sahara at the time of the â€œGreen Saharaâ€• Charcoal, carbon isotope and diatom records. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 441, 834-844.	2.3	12
68	Pollen Records of Past Climate Changes in West Africa since the Last Glacial Maximum. Water Science and Technology Library, 1998, , 295-317.	0.3	11
69	Ostracod-based isotope record from Lake Ohrid (Balkan Peninsula) over the last 140 ka. Quaternary Science Reviews, 2010, 29, 3894-3904.	3.0	10
70	Hydro-climate changes over southwestern Arabia and the Horn of Africa during the last glacialâ€“interglacial transition: A pollen record from the Gulf of Aden. Review of Palaeobotany and Palynology, 2016, 233, 176-185.	1.5	10
71	Altitudinal distribution of pollen, plants and biomes in the Cameroon highlands. Review of Palaeobotany and Palynology, 2018, 259, 21-28.	1.5	7
72	Ã‰volution deÂlaÂnappe desÂsables quaternaires dansÂlaÂrÃ©gion desÂNiayes duÂSÃ©nÃ©gal (1958-1994): relation avecÂleÂclimat etÂlesÂimpacts anthropiques. SÃ©cheresse, 2010, 21, 97-104.	0.1	6

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73	Commentaire sur l' â€œessai de reconstitution de la vegetation et du climat holocenes sur la cote septentrionale du senegalâ€•De J. Medus (Rev. Palaeobot. Palynol., 41: 31â€“38). Review of Palaeobotany and Palynology, 1985, 45, 373-376.	1.5	3
74	Impact dâ€™une crise environnementale majeure sur les espÃ¨ces, les populations et les communautÃ©sÂ: la fragmentation de la forÃªt africaine Ã la fin de lâ€™HolocÃ¨ne. Comptes Rendus - Geoscience, 2013, 345, 263-265.	1.2	3
75	The origin of the forest-grassland mosaic of central Cameroon: What we learn from the isotopic geochemistry of soil organic matter. Holocene, 2020, 30, 1391-1399.	1.7	3
76	The Senegal River during the last millennium. Review of Palaeobotany and Palynology, 2020, 275, 104175.	1.5	3
77	Sahel environmental variability during the last millennium: Insight from a pollen, charcoal and algae record from the Niayes area, Senegal. Review of Palaeobotany and Palynology, 2019, 271, 104103.	1.5	2
78	Origin, Persistence, and Vulnerability to Climate Changes of Podocarpus Populations in Central African Mountains. Forests, 2022, 13, 208.	2.1	2
79	Past productivity variations and organic carbon burial in the Gulf of Aden since the Last Glacial Maximum. Quaternaire, 2016, , 213-226.	0.2	1
80	Chapitre XVII. Sovjan et le lac Maliq en Albanie. , 2015, , 237-246.		0
81	Chapter 17. Sovjan and Lake Maliq (Albania). , 2015, , 235-244.		0