

Francis E Mayle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2016028/publications.pdf>

Version: 2024-02-01

60
papers

3,703
citations

159585

30
h-index

133252

59
g-index

60
all docs

60
docs citations

60
times ranked

3460
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of Amazonian forests to mid-Holocene drought: A model-data comparison. <i>Global Change Biology</i> , 2022, 28, 201-226.	9.5	4
2	Evidence confirms an anthropic origin of Amazonian Dark Earths. <i>Nature Communications</i> , 2022, 13, .	12.8	14
3	Relating pollen representation to an evolving Amazonian landscape between the last glacial maximum and Late Holocene. <i>Quaternary Research</i> , 2021, 99, 63-79.	1.7	4
4	Mapping past human land use using archaeological data: A new classification for global land use synthesis and data harmonization. <i>PLoS ONE</i> , 2021, 16, e0246662.	2.5	47
5	Widespread reforestation before European influence on Amazonia. <i>Science</i> , 2021, 372, 484-487.	12.6	28
6	Insights into past land-use and vegetation change in the Llanos de Moxos (Bolivia) using fungal non-pollen palynomorphs. <i>Journal of Archaeological Science</i> , 2021, 130, 105382.	2.4	3
7	Floristic change in Brazil's southern Atlantic Forest biodiversity hotspot: From the Last Glacial Maximum to the late 21st Century. <i>Quaternary Science Reviews</i> , 2021, 264, 107005.	3.0	11
8	Cold and humid Atlantic Rainforest during the last glacial maximum, northern Espírito Santo state, southeastern Brazil. <i>Quaternary Science Reviews</i> , 2020, 244, 106489.	3.0	8
9	Modelling the distribution of Amazonian tree species in response to long-term climate change during the Mid-Late Holocene. <i>Journal of Biogeography</i> , 2020, 47, 1530-1540.	3.0	10
10	Long-term impacts of mid-Holocene drier climatic conditions on Bolivian tropical dry forests. <i>Quaternary Research</i> , 2020, 93, 204-224.	1.7	6
11	Human Contribution to Amazonian Plant Diversity: Legacy of Pre-Columbian Land Use in Modern Plant Communities. <i>Fascinating Life Sciences</i> , 2020, , 495-520.	0.9	6
12	Cold spot microrefugia hold the key to survival for Brazil's Critically Endangered Araucaria tree. <i>Global Change Biology</i> , 2019, 25, 4339-4351.	9.5	26
13	Ecosystem turnover in palaeoecological records: The sensitivity of pollen and phytolith proxies to detecting vegetation change in southwestern Amazonia. <i>Holocene</i> , 2019, 29, 1720-1730.	1.7	10
14	Holocene land cover change in south-western Amazonia inferred from paleoflood archives. <i>Global and Planetary Change</i> , 2019, 174, 105-114.	3.5	19
15	Climate change and cultural resilience in late pre-Columbian Amazonia. <i>Nature Ecology and Evolution</i> , 2019, 3, 1007-1017.	7.8	46
16	A quantitative study of modern pollen-vegetation relationships in southern Brazil's Araucaria forest. <i>Review of Palaeobotany and Palynology</i> , 2019, 265, 27-40.	1.5	5
17	Constraining pollen-based estimates of forest cover in the Amazon: A simulation approach. <i>Holocene</i> , 2019, 29, 262-270.	1.7	13
18	Pollen-vegetation richness and diversity relationships in the tropics. <i>Vegetation History and Archaeobotany</i> , 2018, 27, 411-418.	2.1	31

#	ARTICLE	IF	CITATIONS
19	Reassessing climate and pre-Columbian drivers of paleofire activity in the Bolivian Amazon. <i>Quaternary International</i> , 2018, 488, 81-94.	1.5	26
20	Impact of mid- to late Holocene precipitation changes on vegetation across lowland tropical South America: a paleo-data synthesis. <i>Quaternary Research</i> , 2018, 89, 134-155.	1.7	36
21	Historical ecology, human niche construction and landscape in pre-Columbian Amazonia: A case study of the geoglyph builders of Acre, Brazil. <i>Journal of Anthropological Archaeology</i> , 2018, 50, 128-139.	1.6	21
22	Impact of pre-Columbian "geoglyph" builders on Amazonian forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1868-1873.	7.1	133
23	Reply to Piperno et al.: It is too soon to argue for localized, short-term human impacts in interfluvial Amazonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4120-E4121.	7.1	19
24	MOIETIES AND MORTUARY MOUNDS: DUALISM AT A MOUND AND ENCLOSURE COMPLEX IN THE SOUTHERN BRAZILIAN HIGHLANDS. <i>Latin American Antiquity</i> , 2017, 28, 232-251.	0.6	7
25	The Impacts of the Middle Holocene High Sea-Level Stand and Climatic Changes on Mangroves of the Jucuruçu River, Southern Bahia " Northeastern Brazil. <i>Radiocarbon</i> , 2017, 59, 215-230.	1.8	23
26	Pre-Columbian ring ditch construction and land use on a "chocolate forest island"™ in the Bolivian Amazon. <i>Journal of Quaternary Science</i> , 2016, 31, 337-347.	2.1	10
27	Fire, climate and vegetation linkages in the Bolivian Chiquitano seasonally dry tropical forest. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150165.	4.0	43
28	Understanding the Chronology and Occupation Dynamics of Oversized Pit Houses in the Southern Brazilian Highlands. <i>PLoS ONE</i> , 2016, 11, e0158127.	2.5	11
29	Effects of past climate variability on fire and vegetation in the cerr�do savanna of the Huanchaca Meseta, NE Bolivia. <i>Climate of the Past</i> , 2015, 11, 835-853.	3.4	21
30	Pre-Columbian land use in the ring-ditch region of the Bolivian Amazon. <i>Holocene</i> , 2015, 25, 1285-1300.	1.7	42
31	Reply to Silva: Dynamic human "vegetation" climate interactions at forest ecotones during the late-Holocene in lowland South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3833-E3833.	7.1	1
32	Sensitivity of Bolivian seasonally-dry tropical forest to precipitation and temperature changes over glacial "interglacial timescales. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 1-14.	2.1	16
33	Hydrology and climatology at Laguna La Gaiba, lowland Bolivia: complex responses to climatic forcings over the last 25 000 years. <i>Journal of Quaternary Science</i> , 2014, 29, 289-300.	2.1	22
34	Pre-Columbian raised-field agriculture and land use in the Bolivian Amazon. <i>Holocene</i> , 2014, 24, 231-241.	1.7	54
35	Environmental impact of geometric earthwork construction in pre-Columbian Amazonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10497-10502.	7.1	98
36	Integrated palaeoecology and archaeology " a powerful approach for understanding pre-Columbian Amazonia. <i>Journal of Archaeological Science</i> , 2014, 51, 54-64.	2.4	61

#	ARTICLE	IF	CITATIONS
37	Pre-Columbian landscape impact and agriculture in the Monumental Mound region of the Llanos de Moxos, lowland Bolivia. <i>Quaternary Research</i> , 2013, 80, 207-217.	1.7	45
38	Differentiation of neotropical ecosystems by modern soil phytolith assemblages and its implications for palaeoenvironmental and archaeological reconstructions. <i>Review of Palaeobotany and Palynology</i> , 2013, 193, 15-37.	1.5	76
39	Fire-free land use in pre-1492 Amazonian savannas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6473-6478.	7.1	99
40	<i>Pediastrum</i> species as potential indicators of lake-level change in tropical South America. <i>Journal of Paleolimnology</i> , 2012, 47, 601-615.	1.6	40
41	A 45kyr palaeoclimate record from the lowland interior of tropical South America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 307, 177-192.	2.3	117
42	Characterisation of Bolivian savanna ecosystems by their modern pollen rain and implications for fossil pollen records. <i>Review of Palaeobotany and Palynology</i> , 2011, 164, 223-237.	1.5	34
43	Pollen-based differentiation of Amazonian rainforest communities and implications for lowland palaeoecology in tropical South America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 295, 1-18.	2.3	45
44	Differentiation between Neotropical rainforest, dry forest, and savannah ecosystems by their modern pollen spectra and implications for the fossil pollen record. <i>Review of Palaeobotany and Palynology</i> , 2009, 153, 70-85.	1.5	142
45	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. <i>Climate Dynamics</i> , 2008, 30, 887-907.	3.8	590
46	Palynological differentiation between genera of the Moraceae family and implications for Amazonian palaeoecology. <i>Review of Palaeobotany and Palynology</i> , 2008, 149, 187-201.	1.5	51
47	Impact of a drier Early-Mid-Holocene climate upon Amazonian forests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1829-1838.	4.0	165
48	Long-term forest-savannah dynamics in the Bolivian Amazon: implications for conservation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 291-307.	4.0	134
49	Contrasting effects of climate and CO ₂ on Amazonian ecosystems since the last glacial maximum. <i>Global Change Biology</i> , 2006, 12, 1977-1984.	9.5	33
50	Modern Pollen-Rain Characteristics of Tall Terra Firme Moist Evergreen Forest, Southern Amazonia. <i>Quaternary Research</i> , 2005, 64, 284-297.	1.7	62
51	Fifty-thousand-year vegetation and climate history of Noel Kempff Mercado National Park, Bolivian Amazon. <i>Quaternary Research</i> , 2004, 61, 215-230.	1.7	195
52	Assessment of the Neotropical dry forest refugia hypothesis in the light of palaeoecological data and vegetation model simulations. <i>Journal of Quaternary Science</i> , 2004, 19, 713-720.	2.1	118
53	Introduction: Late Quaternary ecosystem dynamics and carbon cycling in the tropics. <i>Journal of Quaternary Science</i> , 2004, 19, 623-624.	2.1	0
54	Responses of Amazonian ecosystems to climatic and atmospheric carbon dioxide changes since the last glacial maximum. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 499-514.	4.0	206

#	ARTICLE	IF	CITATIONS
55	Late Quaternary changes in Amazonian ecosystems and their implications for global carbon cycling. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 214, 11-25.	2.3	39
56	Stomatal evidence for a decline in atmospheric CO ₂ concentration during the Younger Dryas stadial: a comparison with Antarctic ice core records. <i>Journal of Quaternary Science</i> , 2002, 17, 21-29.	2.1	63
57	Stomatal evidence for a decline in atmospheric CO ₂ concentration during the Younger Dryas stadial: a comparison with Antarctic ice core records. <i>Journal of Quaternary Science</i> , 2002, 17, 21.	2.1	2
58	Millennial-Scale Dynamics of Southern Amazonian Rain Forests. <i>Science</i> , 2000, 290, 2291-2294.	12.6	439
59	The Late Devensian Lateglacial palaeoenvironmental record from Whitrig Bog, SE Scotland. 1. Lithostratigraphy, geochemistry and palaeobotany. <i>Boreas</i> , 1997, 26, 279-295.	2.4	26
60	The Late Devensian Lateglacial palaeoenvironmental record from Whitrig Bog, SE Scotland. 2. Chironomidae (Insecta: Diptera). <i>Boreas</i> , 1997, 26, 297-308.	2.4	47