

William C Mahaney

List of Publications by Year in descending order

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31
papers

1,084
citations

394421

19
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

731
citing authors

#	ARTICLE	IF	CITATIONS
1	Geophagy among primates: adaptive significance and ecological consequences. <i>Animal Behaviour</i> , 2000, 59, 899-915.	1.9	237
2	Geochemistry and clay mineralogy of termite mound soil and the role of geophagy in chimpanzees of the Mahale Mountains, Tanzania. <i>Primates</i> , 1996, 37, 121-134.	1.1	76
3	Chemistry, mineralogy and microbiology of termite mound soil eaten by the chimpanzees of the Mahale Mountains, Western Tanzania. <i>Journal of Tropical Ecology</i> , 1999, 15, 565-588.	1.1	69
4	Mineral and chemical analyses of soils eaten by humans in Indonesia. <i>International Journal of Environmental Health Research</i> , 2000, 10, 93-109.	2.7	65
5	Geophagia by mountain gorillas (<i>Gorilla gorilla beringei</i>) in the Virunga Mountains, Rwanda. <i>Primates</i> , 1990, 31, 113-120.	1.1	57
6	Mountain gorilla geophagy: A possible seasonal behavior for dealing with the effects of dietary changes. <i>International Journal of Primatology</i> , 1995, 16, 475-488.	1.9	57
7	Analysis of geophagy soils in Kibale Forest, Uganda. <i>Primates</i> , 1997, 38, 159-176.	1.1	52
8	Geophagy amongst rhesus macaques on Cayo Santiago, Puerto Rico. <i>Primates</i> , 1995, 36, 323-333.	1.1	42
9	Understanding geophagy in animals: standard procedures for sampling soils. <i>Journal of Chemical Ecology</i> , 2003, 29, 1503-1523.	1.8	42
10	Late Neoproterozoic Baltic paleosol: Intense weathering at high latitude?. <i>Geology</i> , 2014, 42, 323-326.	4.4	36
11	Extractable Fe and Al in late Pleistocene and Holocene paleosols on Niwot Ridge, Colorado Front Range. <i>Catena</i> , 1988, 15, 17-26.	5.0	30
12	Petrology, mineralogy and geochemical climofunctions of the Neoproterozoic Baltic paleosol. <i>Precambrian Research</i> , 2015, 256, 170-188.	2.7	29
13	Paleopedology of Middle Wisconsin/Weichselian paleosols in the MÃ©rida Andes, Venezuela. <i>Geoderma</i> , 2001, 104, 215-237.	5.1	26
14	Case Hardening: Turning Weathering Rinds into Protective Shells. <i>Elements</i> , 2017, 13, 165-169.	0.5	26
15	Soils Consumed by Chimpanzees of the Kanyawara Community in the Kibale Forest, Uganda. <i>International Journal of Primatology</i> , 2005, 26, 1375-1398.	1.9	22
16	Secondary Fe and Al in Antarctic paleosols: Correlation to Mars with prospect for the presence of life. <i>Icarus</i> , 2009, 203, 320-330.	2.5	22
17	Evidence for a cosmogenic origin of fired glaciofluvial beds in the northwestern Andes: Correlation with experimentally heated quartz and feldspar. <i>Sedimentary Geology</i> , 2010, 231, 31-40.	2.1	22
18	Paleomagnetism of selected quaternary sediments on Mt Kenya, East Africa: a reconnaissance study. <i>Journal of African Earth Sciences (and the Middle East)</i> , 1988, 7, 219-225.	0.2	21

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19	Mineralogical and chemical interactions of soils eaten by chimpanzees of the Mahale Mountains and Gombe Stream National Parks, Tanzania. <i>Journal of Chemical Ecology</i> , 2001, 27, 285-311.	1.8	21
20	Extractable Fe and Al of soils in the Middle Teton chronosequence, Western Wyoming, USA. <i>Zeitschrift für Geomorphologie</i> , 1999, 43, 393-407.	0.8	19
21	Soil stratigraphy and plant-soil interactions on a Late Glacial-Holocene fluvial terrace sequence, Sierra Nevada National Park, northern Venezuelan Andes. <i>Journal of South American Earth Sciences</i> , 2007, 23, 46-60.	1.4	18
22	Scanning electron microscopy of earth mined and eaten by mountain gorillas in the Virunga Mountains, Rwanda. <i>Primates</i> , 1993, 34, 311-319.	1.1	17
23	Distributions of halloysite-metahalloysite and gibbsite in tropical mountain paleosols: relationship to Quaternary paleoclimate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1991, 88, 219-230.	2.3	15
24	A Bacterial Enrichment Study and Overview of the Extractable Lipids from Paleosols in the Dry Valleys, Antarctica: Implications for Future Mars Reconnaissance. <i>Astrobiology</i> , 2011, 11, 303-321.	3.0	14
25	Pedological Iron/Al Extracts, Clast Analysis, and Coleoptera from Antarctic Paleosol 831: Evidence of a Middle Miocene or Earlier Climatic Optimum. <i>Journal of Geology</i> , 2015, 123, 113-132.	1.4	12
26	Bornean orangutan geophagy: analysis of ingested and control soils. <i>Environmental Geochemistry and Health</i> , 2016, 38, 51-64.	3.4	11
27	Relative ages of loess and till in two Quaternary palaeosols in Gorges Valley, Mount Kenya, East Africa. <i>Journal of Quaternary Science</i> , 1997, 12, 61-72.	2.1	10
28	Mineralogy, chemistry and biological contingents of an early-middle Miocene Antarctic paleosol and its relevance as a Martian analogue. <i>Planetary and Space Science</i> , 2014, 104, 253-269.	1.7	8
29	Sand coatings in paleosols: Evidence of weathering across the Plio-Pleistocene boundary to modern times on Mt. Kenya. <i>Geomorphology</i> , 2018, 317, 91-106.	2.6	5
30	Clast rind-paleosol record of the Antarctic early Alpine glaciation. <i>Polar Science</i> , 2021, 28, 100648.	1.2	3
31	Iron and aluminum soil/paleosol extractions as age/environment indicators: Some examples from a catchment in southern Ontario, Canada. <i>Geomorphology</i> , 2016, 270, 159-171.	2.6	0