

William C Mahaney

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Clast rind-paleosol record of the Antarctic early Alpine glaciation. <i>Polar Science</i> , 2021, 28, 100648. | 1.2 | 3 |
| 2 | 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 |
| 3 | Case Hardening: Turning Weathering Rinds into Protective Shells. <i>Elements</i> , 2017, 13, 165-169. | 0.5 | 26 |
| 4 | 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 |
| 5 | Bornean orangutan geophagy: analysis of ingested and control soils. <i>Environmental Geochemistry and Health</i> , 2016, 38, 51-64. | 3.4 | 11 |
| 6 | 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 |
| 7 | Petrology, mineralogy and geochemical climofunctions of the Neoproterozoic Baltic paleosol. <i>Precambrian Research</i> , 2015, 256, 170-188. | 2.7 | 29 |
| 8 | 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 |
| 9 | Late Neoproterozoic Baltic paleosol: Intense weathering at high latitude?. <i>Geology</i> , 2014, 42, 323-326. | 4.4 | 36 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Understanding geophagy in animals: standard procedures for sampling soils. <i>Journal of Chemical Ecology</i> , 2003, 29, 1503-1523. | 1.8 | 42 |
| 16 | Paleopedology of Middle Wisconsin/Weichselian paleosols in the Mérida Andes, Venezuela. <i>Geoderma</i> , 2001, 104, 215-237. | 5.1 | 26 |
| 17 | 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 |
| 18 | Geophagy among primates: adaptive significance and ecological consequences. <i>Animal Behaviour</i> , 2000, 59, 899-915. | 1.9 | 237 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Analysis of geophagy soils in Kibale Forest, Uganda. <i>Primates</i> , 1997, 38, 159-176. | 1.1 | 52 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Geophagy amongst rhesus macaques on Cayo Santiago, Puerto Rico. <i>Primates</i> , 1995, 36, 323-333. | 1.1 | 42 |
| 27 | 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 |
| 28 | 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 |
| 29 | Geophagia by mountain gorillas (<i>Gorilla gorilla beringei</i>) in the Virunga Mountains, Rwanda. <i>Primates</i> , 1990, 31, 113-120. | 1.1 | 57 |
| 30 | 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 |
| 31 | 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 |