

Christopher L Dutton

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

561
citations

840119

11
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	Fecal steroids as a potential tool for conservation paleobiology in East Africa. <i>Biodiversity and Conservation</i> , 2022, 31, 183-209.	1.2	6
2	Alternative Biogeochemical States of River Pools Mediated by Hippo Use and Flow Variability. <i>Ecosystems</i> , 2021, 24, 284-300.	1.6	16
3	Temporal resource partitioning of wildebeest carcasses by scavengers after riverine mass mortality events. <i>Ecosphere</i> , 2021, 12, e03326.	1.0	7
4	Animal legacies lost and found in river ecosystems. <i>Environmental Research Letters</i> , 2021, 16, 115011.	2.2	7
5	The meta-gut: community coalescence of animal gut and environmental microbiomes. <i>Scientific Reports</i> , 2021, 11, 23117.	1.6	17
6	Using sediment fingerprinting to identify erosion hotspots in a sub-catchment of Lake Kivu, Rwanda. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 806.	1.3	3
7	Hippopotamus are distinct from domestic livestock in their resource subsidies to and effects on aquatic ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20193000.	1.2	19
8	A River of Bones: Wildebeest Skeletons Leave a Legacy of Mass Mortality in the Mara River, Kenya. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	10
9	Hippos (<i>Hippopotamus amphibius</i>): The animal silicon pump. <i>Science Advances</i> , 2019, 5, eaav0395.	4.7	27
10	A 2000-year sediment record reveals rapidly changing sedimentation and land use since the 1960s in the Upper Mara-Serengeti Ecosystem. <i>Science of the Total Environment</i> , 2019, 664, 148-160.	3.9	19
11	Novel "filter pellet" sample preparation strategy for quantitative LA-ICP-MS analysis of filter-bound sediments: a "green chemistry" alternative to sediment fingerprinting in Tanzania's Ruvu River basin. <i>Journal of Soils and Sediments</i> , 2019, 19, 478-490.	1.5	5
12	Organic matter and nutrient inputs from large wildlife influence ecosystem function in the Mara River, Africa. <i>Ecology</i> , 2018, 99, 2558-2574.	1.5	43
13	Organic matter loading by hippopotami causes subsidy overload resulting in downstream hypoxia and fish kills. <i>Nature Communications</i> , 2018, 9, 1951.	5.8	59
14	The influence of a semi-arid sub-catchment on suspended sediments in the Mara River, Kenya. <i>PLoS ONE</i> , 2018, 13, e0192828.	1.1	38
15	Annual mass drownings of the Serengeti wildebeest migration influence nutrient cycling and storage in the Mara River. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7647-7652.	3.3	136
16	The hippopotamus conveyor belt: vectors of carbon and nutrients from terrestrial grasslands to aquatic systems in sub-Saharan Africa. <i>Freshwater Biology</i> , 2015, 60, 512-525.	1.2	111
17	A novel sediment fingerprinting method using filtration: application to the Mara River, East Africa. <i>Journal of Soils and Sediments</i> , 2013, 13, 1708-1723.	1.5	33
18	Development of a low-cost traffic counter for assessing likelihood of impact for tree risk assessment. <i>Arboricultural Journal</i> , 0, , 1-23.	0.3	3