

Alphonse Kayiranga

List of Publications by Year in descending order

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14
papers

368
citations

933447

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1058476

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15
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471
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Variation in Gross Primary Productivity and Their Responses to Climate in the Great Lakes Region of Sub-Saharan Africa during 2001â€“2020. Sustainability, 2022, 14, 2610.	3.2	3
2	Assessment of Vegetation Dynamics and Ecosystem Resilience in the Context of Climate Change and Drought in the Horn of Africa. Remote Sensing, 2021, 13, 1668.	4.0	13
3	Spatiotemporal variations of forest ecohydrological characteristics in the Lancang-Mekong region during 1992-2016 and 2020-2099 under different climate scenarios. Agricultural and Forest Meteorology, 2021, 310, 108662.	4.8	9
4	Spatially explicit and multiscale ecosystem shift probabilities and risk severity assessments in the greater Mekong subregion over three decades. Science of the Total Environment, 2021, 798, 149281.	8.0	7
5	Water Use Efficiencyâ€Based Multiscale Assessment of Ecohydrological Resilience to Ecosystem Shifts Over the Continent of Africa During 1992â€“2015. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005749.	3.0	10
6	Early alert and community involvement: approach for disaster risk reduction in Rwanda. Natural Hazards, 2017, 86, 505-517.	3.4	25
7	Mapping and Monitoring the Akagera Wetland in Rwanda. Sustainability, 2017, 9, 174.	3.2	13
8	Analysis of Climate and Topography Impacts on the Spatial Distribution of Vegetation in the Virunga Volcanoes Massif of East-Central Africa. Geosciences (Switzerland), 2017, 7, 17.	2.2	18
9	Modeling Rainfall-Runoff Response to Land Use and Land Cover Change in Rwanda (1990â€“2016). Water (Switzerland), 2017, 9, 147.	2.7	42
10	Extent of Cropland and Related Soil Erosion Risk in Rwanda. Sustainability, 2016, 8, 609.	3.2	61
11	USLE-Based Assessment of Soil Erosion by Water in the Nyabarongo River Catchment, Rwanda. International Journal of Environmental Research and Public Health, 2016, 13, 835.	2.6	44
12	Deforestation Effects on Soil Erosion in the Lake Kivu Basin, D.R. Congo-Rwanda. Forests, 2016, 7, 281.	2.1	44
13	Understanding the Spatial Temporal Vegetation Dynamics in Rwanda. Remote Sensing, 2016, 8, 129.	4.0	59
14	Monitoring Forest Cover Change and Fragmentation Using Remote Sensing and Landscape Metrics in Nyungwe-Kibira Park. Journal of Geoscience and Environment Protection, 2016, 04, 13-33.	0.5	20