# Alphonse Kayiranga

List of Publications by Year
in descending order



| 14 | 368 | 933447 10 | 1058476 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 15 | 15 | 15 | 471 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Extent of Cropland and Related Soil Erosion Risk in Rwanda. Sustainability, 2016, 8, 609. | 3.2 | 61 |
| 2 | Understanding the Spatial Temporal Vegetation Dynamics in Rwanda. Remote Sensing, 2016, 8, 129. | 4.0 | 59 |
| 3 | 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 |
| 4 | Deforestation Effects on Soil Erosion in the Lake Kivu Basin, D.R. Congo-Rwanda. Forests, 2016, 7, 281. | 2.1 | 44 |
| 5 | Modeling Rainfall-Runoff Response to Land Use and Land Cover Change in Rwanda (1990â€“2016). Water (Switzerland), 2017, 9, 147. | 2.7 | 42 |
| 6 | Early alert and community involvement: approach for disaster risk reduction in Rwanda. Natural Hazards, 2017, 86, 505-517. | 3.4 | 25 |
| 7 | 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 |
| 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 | Mapping and Monitoring the Akagera Wetland in Rwanda. Sustainability, 2017, 9, 174. | 3.2 | 13 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |