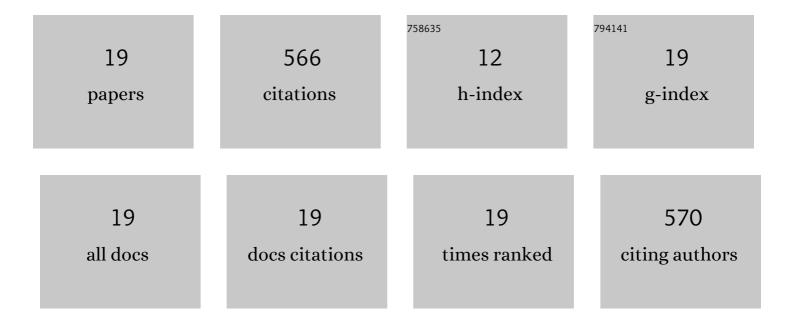
## Mathieu NSENGA KUMWIMBA

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3044522/publications.pdf

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| #  | Article                                                                                                                                                                                                                                                | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Removal of non-point source pollutants from domestic sewage and agricultural runoff by vegetated<br>drainage ditches (VDDs): Design, mechanism, management strategies, and future directions. Science of<br>the Total Environment, 2018, 639, 742-759. | 3.9 | 128       |
| 2  | Roles of ammonia-oxidizing bacteria in improving metabolism and cometabolism of trace organic<br>chemicals in biological wastewater treatment processes: A review. Science of the Total Environment,<br>2019, 659, 419-441.                            | 3.9 | 93        |
| 3  | Anammox-based processes: How far have we come and what work remains? A review by bibliometric analysis. Chemosphere, 2020, 238, 124627.                                                                                                                | 4.2 | 79        |
| 4  | Plant soaking decomposition as well as nitrogen and phosphorous release in the water-level<br>fluctuation zone of the Three Gorges Reservoir. Science of the Total Environment, 2017, 592, 527-534.                                                    | 3.9 | 43        |
| 5  | Long-term impact of primary domestic sewage on metal/loid accumulation in drainage ditch sediments, plants and water: Implications for phytoremediation and restoration. Science of the Total Environment, 2017, 581-582, 773-781.                     | 3.9 | 26        |
| 6  | Growth characteristics and nutrient removal capability of eco-ditch plants in mesocosm sediment receiving primary domestic wastewater. Environmental Science and Pollution Research, 2017, 24, 23926-23938.                                            | 2.7 | 22        |
| 7  | Distribution and risk assessment of metals and arsenic contamination in man-made ditch sediments with different land use types. Environmental Science and Pollution Research, 2016, 23, 24808-24823.                                                   | 2.7 | 20        |
| 8  | Potential of invasive watermilfoil (Myriophyllum spp.) to remediate eutrophic waterbodies with organic and inorganic pollutants. Journal of Environmental Management, 2020, 270, 110919.                                                               | 3.8 | 19        |
| 9  | Uptake and Release of Sequestered Nutrient in Subtropical Monsoon Ecological Ditch Plant Species.<br>Water, Air, and Soil Pollution, 2016, 227, 1.                                                                                                     | 1.1 | 18        |
| 10 | Assessing the influence of different plant species in drainage ditches on mitigation of non-point<br>source pollutants (N, P, and sediments) in the Purple Sichuan Basin. Environmental Monitoring and<br>Assessment, 2017, 189, 267.                  | 1.3 | 18        |
| 11 | Nutrient dynamics and retention in a vegetated drainage ditch receiving nutrient-rich sewage at low temperatures. Science of the Total Environment, 2020, 741, 140268.                                                                                 | 3.9 | 16        |
| 12 | Nutrient removal in a trapezoidal vegetated drainage ditch used to treat primary domestic sewage in a small catchment of the upper Yangtze River. Water and Environment Journal, 2017, 31, 72-79.                                                      | 1.0 | 15        |
| 13 | Estimation of the removal efficiency of heavy metals and nutrients from ecological drainage ditches treating town sewage during dry and wet seasons. Environmental Monitoring and Assessment, 2017, 189, 434.                                          | 1.3 | 14        |
| 14 | Metal Distribution and Contamination Assessment in Drainage Ditch Water in the Main Rice/Vegetable<br>Area of Sichuan Hilly Basin. Bulletin of Environmental Contamination and Toxicology, 2016, 96,<br>248-253.                                       | 1.3 | 12        |
| 15 | How to enhance the purification performance of traditional floating treatment wetlands (FTWs) at<br>low temperatures: Strengthening strategies. Science of the Total Environment, 2021, 766, 142608.                                                   | 3.9 | 12        |
| 16 | Assessing Nutrient, Biomass, and Sediment Transport of Drainage Ditches in the Three Gorges<br>Reservoir Area. Clean - Soil, Air, Water, 2017, 45, .                                                                                                   | 0.7 | 10        |
| 17 | Nutrient distribution and risk assessment in drainage ditches with different surrounding land uses.<br>Nutrient Cycling in Agroecosystems, 2017, 107, 381-394.                                                                                         | 1.1 | 9         |
| 18 | Effectiveness of Vegetated Drainage Ditches for Domestic Sewage Effluent Mitigation. Bulletin of<br>Environmental Contamination and Toxicology, 2017, 98, 682-689.                                                                                     | 1.3 | 8         |

| #  | Article                                                                                                                                                                   | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Nitrogen Retention in Mesocosm Sediments Received Rural Wastewater Associated with Microbial<br>Community Response to Plant Species. Water (Switzerland), 2020, 12, 3035. | 1.2 | 4         |