

# Mathieu NSENGA KUMWIMBA

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

341  
citations

11  
h-index

18  
g-index

19  
ext. papers

452  
ext. citations

5.8  
avg, IF

4.23  
L-index

#	Paper	IF	Citations
19	Removal of non-point source pollutants from domestic sewage and agricultural runoff by vegetated drainage ditches (VDDs): Design, mechanism, management strategies, and future directions. <i>Science of the Total Environment</i> , <b>2018</b> , 639, 742-759	10.2	70
18	Roles of ammonia-oxidizing bacteria in improving metabolism and cometabolism of trace organic chemicals in biological wastewater treatment processes: A review. <i>Science of the Total Environment</i> , <b>2019</b> , 659, 419-441	10.2	47
17	Anammox-based processes: How far have we come and what work remains? A review by bibliometric analysis. <i>Chemosphere</i> , <b>2020</b> , 238, 124627	8.4	47
16	Plant soaking decomposition as well as nitrogen and phosphorous release in the water-level fluctuation zone of the Three Gorges Reservoir. <i>Science of the Total Environment</i> , <b>2017</b> , 592, 527-534	10.2	28
15	Long-term impact of primary domestic sewage on metal/loid accumulation in drainage ditch sediments, plants and water: Implications for phytoremediation and restoration. <i>Science of the Total Environment</i> , <b>2017</b> , 581-582, 773-781	10.2	20
14	Uptake and Release of Sequestered Nutrient in Subtropical Monsoon Ecological Ditch Plant Species. <i>Water, Air, and Soil Pollution</i> , <b>2016</b> , 227, 1	2.6	14
13	Assessing the influence of different plant species in drainage ditches on mitigation of non-point source pollutants (N, P, and sediments) in the Purple Sichuan Basin. <i>Environmental Monitoring and Assessment</i> , <b>2017</b> , 189, 267	3.1	13
12	Distribution and risk assessment of metals and arsenic contamination in man-made ditch sediments with different land use types. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 24808-24823	5.1	13
11	Growth characteristics and nutrient removal capability of eco-ditch plants in mesocosm sediment receiving primary domestic wastewater. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 23926-23938	5.1	13
10	Potential of invasive watermilfoil ( <i>Myriophyllum</i> spp.) to remediate eutrophic waterbodies with organic and inorganic pollutants. <i>Journal of Environmental Management</i> , <b>2020</b> , 270, 110919	7.9	11
9	Metal Distribution and Contamination Assessment in Drainage Ditch Water in the Main Rice/Vegetable Area of Sichuan Hilly Basin. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 96, 248-53	2.7	11
8	Nutrient removal in a trapezoidal vegetated drainage ditch used to treat primary domestic sewage in a small catchment of the upper Yangtze River. <i>Water and Environment Journal</i> , <b>2017</b> , 31, 72-79	1.7	10
7	Nutrient dynamics and retention in a vegetated drainage ditch receiving nutrient-rich sewage at low temperatures. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140268	10.2	9
6	Effectiveness of Vegetated Drainage Ditches for Domestic Sewage Effluent Mitigation. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2017</b> , 98, 682-689	2.7	8
5	Estimation of the removal efficiency of heavy metals and nutrients from ecological drainage ditches treating town sewage during dry and wet seasons. <i>Environmental Monitoring and Assessment</i> , <b>2017</b> , 189, 434	3.1	8
4	Assessing Nutrient, Biomass, and Sediment Transport of Drainage Ditches in the Three Gorges Reservoir Area. <i>Clean - Soil, Air, Water</i> , <b>2017</b> , 45,	1.6	7
3	Nutrient distribution and risk assessment in drainage ditches with different surrounding land uses. <i>Nutrient Cycling in Agroecosystems</i> , <b>2017</b> , 107, 381-394	3.3	6

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|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|
| 2 | How to enhance the purification performance of traditional floating treatment wetlands (FTWs) at low temperatures: Strengthening strategies. <i>Science of the Total Environment</i> , <b>2021</b> , 766, 142608 | 10.2 | 4 |
| 1 | Nitrogen Retention in Mesocosm Sediments Received Rural Wastewater Associated with Microbial Community Response to Plant Species. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 3035                            | 3    | 2 |