

# Mathieu NSENGA KUMWIMBA

## List of Publications by Year in descending order

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

Version: 2024-02-01

19  
papers

566  
citations

758635

12  
h-index

794141

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

570  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2018, 639, 742-759.	3.9	128
2	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> , 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. <i>Chemosphere</i> , 2020, 238, 124627.	4.2	79
4	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> , 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. <i>Science of the Total Environment</i> , 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. <i>Environmental Science and Pollution Research</i> , 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. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24808-24823.	2.7	20
8	Potential of invasive watermilfoil ( <i>Myriophyllum</i> spp.) to remediate eutrophic waterbodies with organic and inorganic pollutants. <i>Journal of Environmental Management</i> , 2020, 270, 110919.	3.8	19
9	Uptake and Release of Sequestered Nutrient in Subtropical Monsoon Ecological Ditch Plant Species. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	18
10	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> , 2017, 189, 267.	1.3	18
11	Nutrient dynamics and retention in a vegetated drainage ditch receiving nutrient-rich sewage at low temperatures. <i>Science of the Total Environment</i> , 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. <i>Water and Environment Journal</i> , 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. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 434.	1.3	14
14	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> , 2016, 96, 248-253.	1.3	12
15	How to enhance the purification performance of traditional floating treatment wetlands (FTWs) at low temperatures: Strengthening strategies. <i>Science of the Total Environment</i> , 2021, 766, 142608.	3.9	12
16	Assessing Nutrient, Biomass, and Sediment Transport of Drainage Ditches in the Three Gorges Reservoir Area. <i>Clean - Soil, Air, Water</i> , 2017, 45, .	0.7	10
17	Nutrient distribution and risk assessment in drainage ditches with different surrounding land uses. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 107, 381-394.	1.1	9
18	Effectiveness of Vegetated Drainage Ditches for Domestic Sewage Effluent Mitigation. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 682-689.	1.3	8

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