Karoli N Njau

List of Publications by Year
in descending order

22 papers	517 citations	687363 13 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	406 citing authors

#	ARTICLE	IF	CITATIONS
1	Cockle (Anadara granosa) shells-based hydroxyapatite and its potential for defluoridation of drinking water. Results in Engineering, 2022, 13, 100379.	5.1	12
2	Fe0-Supported Anaerobic Digestion for Organics and Nutrients Removal from Domestic Sewage. Water (Switzerland), 2022, 14, 1623.	2.7	6
3	Performance of inclined plates settler integrated with constructed wetland for high turbidity water treatment. Water Practice and Technology, 2021, 16, 516-529.	2.0	0
4	Suitability of selected vegetable tannins traditionally used in leather making in Tanzania. Journal of Cleaner Production, 2020, 251, 119687.	9.3	25
5	Performance investigation of the slaughterhouse wastewater treatment facility: a case of Mwanza City Slaughterhouse, Tanzania. Water Practice and Technology, 2020, 15, 1096-1110.	2.0	5
6	Alternative tanning technologies and their suitability in curbing environmental pollution from the leather industry: A comprehensive review. Chemosphere, 2020, 254, 126804.	8.2	89
7	Evaluating the level of ammonia and sulfide in the liquid phase during anaerobic digestion of slaughterhouse waste operating at mesophilic scale digester—the impact of inhibition and process performance. AIMS Energy, 2020, 8, 615-626.	1.9	1
8	White Teeth and Healthy Skeletons for All: The Path to Universal Fluoride-Free Drinking Water in Tanzania. Water (Switzerland), 2019, 11, 131.	2.7	21
9	The Impact of Selected Pretreatment Procedures on Iron Dissolution from Metallic Iron Specimens Used in Water Treatment. Sustainability, 2019, 11, 671.	3.2	18
10	A Novel and Facile Method to Characterize the Suitability of Metallic Iron for Water Treatment. Water (Switzerland), 2019, 11, 2465.	2.7	38
11	Water defluoridation by Fe(III)-loaded sisal fibre: Understanding the influence of the preparation pathways on biosorbents' defluoridation properties. Journal of Hazardous Materials, 2019, 362, 99-106.	12.4	18
12	The application of nutrient budget models to determine the ecosystem health of the Wami Estuary, Tanzania. Ecohydrology and Hydrobiology, 2018, 18, 107-119.	2.3	12
13	Fluoride Variations in Rivers on the Slopes of Mount Meru in Tanzania. Journal of Chemistry, 2018, 2018, 1-18.	1.9	14
14	Avoiding the Use of Exhausted Drinking Water Filters: A Filter-Clock Based on Rusting Iron. Water (Switzerland), 2018, 10, 591.	2.7	6
15	Distribution of organic carbon: possible causes and impacts in the Pangani River Basin ecosystem, Tanzania. Environmental Chemistry, 2018, 15, 137.	1.5	3
16	Metallic iron for safe drinking water provision: Considering a lost knowledge. Water Research, 2017, 117, 127-142.	11.3	74
17	Performance of constructed wetland integrated with sand filters for treating high turbid water for drinking. Water Practice and Technology, 2017, 12, 25-42.	2.0	17
18	Seasonal water chemistry variability in the Pangani River basin, Tanzania. Environmental Science and Pollution Research, 2017, 24, 26092-26110.	5.3	9

#	Article	IF	Citations
19	Metallic iron for water treatment: leaving the valley of confusion. Applied Water Science, 2017, 7, 4177-4196.	5.6	33
20	Making Fe0-Based Filters a Universal Solution for Safe Drinking Water Provision. Sustainability, 2017, 9, 1224.	3.2	52
21	Technologies for Decentralized Fluoride Removal: Testing Metallic Iron-based Filters. Water (Switzerland), 2015, 7, 6750-6774.	2.7	44
22	The need to enforce minimum environmental flow requirements in Tanzania to preserve estuaries: case study of mangrove-fringed Wami River estuary. Ecohydrology and Hydrobiology, 2015, 15, 171-181.	2.3	20