

# Karoli N Njau

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

517  
citations

687363

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h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative tanning technologies and their suitability in curbing environmental pollution from the leather industry: A comprehensive review. <i>Chemosphere</i> , 2020, 254, 126804.	8.2	89
2	Metallic iron for safe drinking water provision: Considering a lost knowledge. <i>Water Research</i> , 2017, 117, 127-142.	11.3	74
3	Making FeO-Based Filters a Universal Solution for Safe Drinking Water Provision. <i>Sustainability</i> , 2017, 9, 1224.	3.2	52
4	Technologies for Decentralized Fluoride Removal: Testing Metallic Iron-based Filters. <i>Water (Switzerland)</i> , 2015, 7, 6750-6774.	2.7	44
5	A Novel and Facile Method to Characterize the Suitability of Metallic Iron for Water Treatment. <i>Water (Switzerland)</i> , 2019, 11, 2465.	2.7	38
6	Metallic iron for water treatment: leaving the valley of confusion. <i>Applied Water Science</i> , 2017, 7, 4177-4196.	5.6	33
7	Suitability of selected vegetable tannins traditionally used in leather making in Tanzania. <i>Journal of Cleaner Production</i> , 2020, 251, 119687.	9.3	25
8	White Teeth and Healthy Skeletons for All: The Path to Universal Fluoride-Free Drinking Water in Tanzania. <i>Water (Switzerland)</i> , 2019, 11, 131.	2.7	21
9	The need to enforce minimum environmental flow requirements in Tanzania to preserve estuaries: case study of mangrove-fringed Wami River estuary. <i>Ecohydrology and Hydrobiology</i> , 2015, 15, 171-181.	2.3	20
10	The Impact of Selected Pretreatment Procedures on Iron Dissolution from Metallic Iron Specimens Used in Water Treatment. <i>Sustainability</i> , 2019, 11, 671.	3.2	18
11	Water defluoridation by Fe(III)-loaded sisal fibre: Understanding the influence of the preparation pathways on biosorbents'™ defluoridation properties. <i>Journal of Hazardous Materials</i> , 2019, 362, 99-106.	12.4	18
12	Performance of constructed wetland integrated with sand filters for treating high turbid water for drinking. <i>Water Practice and Technology</i> , 2017, 12, 25-42.	2.0	17
13	Fluoride Variations in Rivers on the Slopes of Mount Meru in Tanzania. <i>Journal of Chemistry</i> , 2018, 2018, 1-18.	1.9	14
14	The application of nutrient budget models to determine the ecosystem health of the Wami Estuary, Tanzania. <i>Ecohydrology and Hydrobiology</i> , 2018, 18, 107-119.	2.3	12
15	Cockle ( <i>Anadara granosa</i> ) shells-based hydroxyapatite and its potential for defluoridation of drinking water. <i>Results in Engineering</i> , 2022, 13, 100379.	5.1	12
16	Seasonal water chemistry variability in the Pangani River basin, Tanzania. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26092-26110.	5.3	9
17	Avoiding the Use of Exhausted Drinking Water Filters: A Filter-Clock Based on Rusting Iron. <i>Water (Switzerland)</i> , 2018, 10, 591.	2.7	6
18	FeO-Supported Anaerobic Digestion for Organics and Nutrients Removal from Domestic Sewage. <i>Water (Switzerland)</i> , 2022, 14, 1623.	2.7	6

#	ARTICLE	IF	CITATIONS
19	Performance investigation of the slaughterhouse wastewater treatment facility: a case of Mwanza City Slaughterhouse, Tanzania. <i>Water Practice and Technology</i> , 2020, 15, 1096-1110.	2.0	5
20	Distribution of organic carbon: possible causes and impacts in the Pangani River Basin ecosystem, Tanzania. <i>Environmental Chemistry</i> , 2018, 15, 137.	1.5	3
21	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. <i>AIMS Energy</i> , 2020, 8, 615-626.	1.9	1
22	Performance of inclined plates settler integrated with constructed wetland for high turbidity water treatment. <i>Water Practice and Technology</i> , 2021, 16, 516-529.	2.0	0