John O Odiyo

List of Publications by Year
in descending order

47 papers	**1,341** citations	471509 **17** h-index	395702 **33** g-index
47 all docs	**47** docs citations	**47** times ranked	**1492** citing authors

#	Article	IF	Citations
1	Physico-Chemical Analysis of Wastewater Discharge from Selected Paint Industries in Lagos, Nigeria. International Journal of Environmental Research and Public Health, 2019, 16, 1235.	2.6	129
2	Impact of Wastewater on Surface Water Quality in Developing Countries: A Case Study of South Africa. , 0, , .		125
3	Determination and Distribution of Polycyclic Aromatic Hydrocarbons in Rivers, Sediments and Wastewater Effluents in Vhembe District, South Africa. International Journal of Environmental Research and Public Health, 2016, 13, 387.	2.6	118
4	Health and Environmental Risks of Residents Living Close to a Landfill: A Case Study of Thohoyandou Landfill, Limpopo Province, South Africa. International Journal of Environmental Research and Public Health, 2019, 16, 2125.	2.6	115
5	Evaluation of water quality and human risk assessment due to heavy metals in groundwater around Muledane area of Vhembe District, Limpopo Province, South Africa. Chemistry Central Journal, 2018, 12, 2.	2.6	83
6	Assessment of Trace Metals Contamination of Surface Water and Sediment: A Case Study of Mvudi River, South Africa. Sustainability, 2016, 8, 135.	3.2	82
7	Challenges to Sustainable Safe Drinking Water: A Case Study of Water Quality and Use across Seasons in Rural Communities in Limpopo Province, South Africa. Water (Switzerland), 2018, 10, 159.	2.7	72
8	A Novel Approach for the Removal of Lead(II) Ion from Wastewater Using Mucilaginous Leaves of Diceriocaryum eriocarpum Plant. Sustainability, 2015, 7, 14026-14041.	3.2	51
9	Spatial Distribution of Diarrhoea and Microbial Quality of Domestic Water during an Outbreak of Diarrhoea in the Tshikuwi Community in Venda, South Africa. Journal of Health, Population and Nutrition, 2009, 27, 652-9.	2.0	50
10	Biological treatment of mixed industrial wastewaters in a fluidised bed reactor. Journal of Hazardous Materials, 2003, 96, 79-90.	12.4	37
11	Temporal Variations in Physico-Chemical and Microbiological Characteristics of Mvudi River, South Africa. International Journal of Environmental Research and Public Health, 2015, 12, 4128-4140.	2.6	35
12	Evaluation of temporary seasonal variation of heavy metals and their potential ecological risk in Nzhelele River, South Africa. Open Chemistry, 2017, 15, 272-282.	1.9	34
13	Evaluation of Microbiological and Physicochemical Parameters of Alternative Source of Drinking Water: A Case Study of Nzhelele River, South Africa. Open Microbiology Journal, 2018, 12, 18-27.	0.7	33
14	The health implications of wastewater reuse in vegetable irrigation: a case study from Malamulele, South Africa. International Journal of Environmental Health Research, 2010, 20, 201-211.	2.7	32
15	Removal Efficiency of Faecal Indicator Organisms, Nutrients and Heavy Metals from a Peri-Urban Wastewater Treatment Plant in Thohoyandou, Limpopo Province, South Africa. International Journal of Environmental Research and Public Health, 2015, 12, 7300-7320.	2.6	31
16	A Review of Landfill Gas Generation and Utilisation in Africa. Open Environmental Sciences, 2018, 10, 1-15.	0.8	25
17	Human Health Risk Assessment of Trace Metals in Surface Water Due to Leachate from the Municipal Dumpsite by Pollution Index: A Case Study from Ndawuse River, Abuja, Nigeria. Open Chemistry, 2018, 16, 214-227.	1.9	22
18	Chemical and Microbial Quality of Groundwater in Siloam Village, Implications to Human Health and Sources of Contamination. International Journal of Environmental Research and Public Health, 2018, 15, 317.	2.6	21

#	Article	IF	Citations
19	Synthesis and Characterization of Biopolymeric Chitosan Derived from Land Snail Shells and Its Potential for Pb2+ Removal from Aqueous Solution. Materials, 2015, 8, 8630-8640.	2.9	20
20	Drinking water quality and human health risk evaluations in rural and urban areas of Ibeju-Lekki and Epe local government areas, Lagos, Nigeria. Human and Ecological Risk Assessment (HERA), 2020, 26, 1062-1075.	3.4	17
21	Variations of Heavy Metals from Geothermal Spring to Surrounding Soil and Mangifera Indicaâ€"Siloam Village, Limpopo Province. Sustainability, 2016, 8, 60.	3.2	16
22	Fourier Transform Infrared Spectroscopy of Clay Size Fraction of Cretaceous-Tertiary Kaolins in the Douala Sub-Basin, Cameroon. Open Geosciences, 2017, 9, .	1.7	16
23	Principal component analysis and characterization of methane community in a full-scale bioenergy producing UASB reactor treating brewery wastewater. Physics and Chemistry of the Earth, 2018, 108, 1-8.	2.9	16
24	Characterization of pulverized Marula seed husk and its potential for the sequestration of methylene blue from aqueous solution. BMC Chemistry, 2019, 13, 10.	3.8	16
25	Influence of Selective Conditions on Various Composite Sorbents for Enhanced Removal of Copper (II) Ions from Aqueous Environments. International Journal of Environmental Research and Public Health, 2019, 16, 4596.	2.6	14
26	Fluoride Sorption Efficiency of Vermiculite Functionalised with Cationic Surfactant: Isotherm and Kinetics. Applied Sciences (Switzerland), 2016, 6, 277.	2.5	13
27	Assessment of Heavy Metals in Landfill Leachate: A Case Study of Thohoyandou Landfill, Limpopo Province, South Africa. , 0, , .		13
28	E. coli Inactivation by Metals and Effects of Changes in Water Chemistry. Journal of Environmental Engineering, ASCE, 2019, 145, 04018136.	1.4	13
29	Estimating groundwater levels using system identification models in Nzhelele and Luvuvhu areas, Limpopo Province, South Africa. Physics and Chemistry of the Earth, 2017, 100, 44-50.	2.9	12
30	Hydrochemical Processes and Isotopic Study of Geothermal Springs within Soutpansberg, Limpopo Province, South Africa. Applied Sciences (Switzerland), 2019, 9, 1688.	2.5	12
31	Biogenic Synthesis of Silver Nanoparticle from Mushroom Exopolysaccharides and its Potentials in Water Purification. Open Chemistry Journal, 2018, 5, 64-75.	4.3	12
32	Geochemistry of Selected Kaolins from Cameroon and Nigeria. Open Geosciences, 2017, 9, .	1.7	7
33	Mineralogical characteristics of Cretaceous-Tertiary kaolins of the Douala Sub-Basin, Cameroon. Journal of African Earth Sciences, 2018, 141, 130-147.	2.0	7
34	Microbiota of a Full-scale UASB Reactor Treating Brewery Wastewater Using Illumina MiSeq Sequencing. Open Microbiology Journal, 2019, 13, 1-9.	0.7	7
35	Perception of Environmental Spillovers Across Scale in Climate Change Adaptation Planning: The Case of Small-Scale Farmersâ€™ Irrigation Strategies, Kenya. Climate, 2020, 8, 3.	2.8	6
36	Health Risk Assessment of Heavy Metals on Primary School Learners from Dust and Soil within School Premises in Lagos State, Nigeria. , 0, , .		5

#	Article	IF	Citations
37	Linking risk communication and sustainable climate change action: A conceptual framework. Jamba: Journal of Disaster Risk Studies, 2019, 11, 703.	0.9	5
38	Determination of isotopic composition of rainwater to generate local meteoric water line in Thohoyandou, Limpopo Province, South Africa. Water S A, 2019, 45, .	0.4	5
39	Greenhouse gas emissions as sustainability indicators in agricultural sectorsâ€™ adaptation to climate change: Policy implications. Jamba: Journal of Disaster Risk Studies, 2019, 11, 576.	0.9	3
40	Hydrological hazards in Vhembe district in Limpopo Province, South Africa. Jamba: Journal of Disaster Risk Studies, 2019, 11, 698.	0.9	3
41	Geochemistry of Siloam and Tshipise Geothermal Springs, Limpopo Province, South Africa. American Journal of Environmental Sciences, 2018, 14, 63-76.	0.5	2
42	Vadose zone infiltration and its implication for groundwater contamination risk assessment in Siloam village, Limpopo province, South Africa. Jamba: Journal of Disaster Risk Studies, 2019, 11, 682.	0.9	2
43	PHYSICO-CHEMICAL AND SURFACE CHARACTERISATION OF A RENEWABLE LOW-COST BIOSORBENT FOR THE UPTAKE OF HEAVY METAL IONS FROM AQUEOUS SOLUTION. , 2018, , .		2
44	Application of non-parametric regression in estimating missing daily rainfall data. International Journal of Hydrology Science and Technology, 2019, 9, 236.	0.3	1
45	GROUNDWATER QUALITY AND ITS DISTRIBUTION IN SILOAM VILLAGE, LIMPOPO PROVINCE, SOUTH AFRICA. WIT Transactions on Ecology and the Environment, 2018, , .	0.0	1
46	Estimating root zone soil moisture using multilayer feedforward neural networks based on Levenberg-Maquardt and scaled conjugate gradient algorithms. International Journal of Hydrology Science and Technology, 2019, 9, 399.	0.3	0
47	Application of non-parametric regression in estimating missing daily rainfall data. International Journal of Hydrology Science and Technology, 2019, 9, 236.	0.3	0