

Francis Arimoro

List of Publications by Year in descending order

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79
papers

1,147
citations

394421

19
h-index

477307

29
g-index

81
all docs

81
docs citations

81
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	The Biological Assessment and Rehabilitation of the World's Rivers: An Overview. <i>Water</i> (Switzerland), 2021, 13, 371.	2.7	88
2	Mayfly (Insecta: Ephemeroptera) community structure as an indicator of the ecological status of a stream in the Niger Delta area of Nigeria. <i>Environmental Monitoring and Assessment</i> , 2010, 166, 581-594.	2.7	49
3	Anthropogenic impact on water chemistry and benthic macroinvertebrate associated changes in a southern Nigeria stream. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 14.	2.7	49
4	Ecological integrity of upper Warri River, Niger Delta using aquatic insects as bioindicators. <i>Ecological Indicators</i> , 2009, 9, 455-461.	6.3	47
5	Impact of rubber effluent discharges on the water quality and macroinvertebrate community assemblages in a forest stream in the Niger Delta. <i>Chemosphere</i> , 2009, 77, 440-449.	8.2	46
6	Water quality changes in relation to Diptera community patterns and diversity measured at an organic effluent impacted stream in the Niger Delta, Nigeria. <i>Ecological Indicators</i> , 2007, 7, 541-552.	6.3	45
7	The impact of water quality deterioration on macroinvertebrate communities in the Swartkops River, South Africa: a multimetric approach. <i>African Journal of Aquatic Science</i> , 2012, 37, 191-200.	1.1	45
8	Exploring stream communities in a tropical biodiversity hotspot: biodiversity, regional occupancy, niche characteristics and environmental correlates. <i>Biodiversity and Conservation</i> , 2016, 25, 975-993.	2.6	43
9	Response of macroinvertebrate communities to abattoir wastes and other anthropogenic activities in a municipal stream in the Niger Delta, Nigeria. <i>The Environmentalist</i> , 2008, 28, 85-98.	0.7	38
10	Chironomid assemblage structure and morphological response to pollution in an effluent-impacted river, Eastern Cape, South Africa. <i>Ecological Indicators</i> , 2016, 67, 391-402.	6.3	33
11	Exploring the distribution patterns of macroinvertebrate signature traits and ecological preferences and their responses to urban and agricultural pollution in selected rivers in the Niger Delta ecoregion, Nigeria. <i>Aquatic Ecology</i> , 2020, 54, 553-573.	1.5	30
12	Identifying and classifying macroinvertebrate indicator signature traits and ecological preferences along urban pollution gradient in the Niger Delta. <i>Environmental Pollution</i> , 2021, 281, 117076.	7.5	29
13	Development of macroinvertebrate multimetric index for ecological evaluation of a river in North Central Nigeria. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 274.	2.7	28
14	Characteristic levels of heavy metals in canned sardines consumed in Nigeria. <i>The Environmentalist</i> , 2009, 29, 431-435.	0.7	26
15	Developing and applying a macroinvertebrate-based multimetric index for urban rivers in the Niger Delta, Nigeria. <i>Ecology and Evolution</i> , 2019, 9, 12869-12885.	1.9	24
16	The intensity of human-induced impacts on the distribution and diversity of macroinvertebrates and water quality of Gbako River, North Central, Nigeria. <i>Energy, Ecology and Environment</i> , 2017, 2, 143-154.	3.9	23
17	Zooplankton Community Responses in a Perturbed Tropical Stream in the Niger Delta, Nigeria. <i>The Open Environmental & Biological Monitoring Journal</i> , 2010, 3, 1-11.	1.0	22
18	Temporal and spatial variability in macroinvertebrate community structure in relation to environmental variables in Ajijiguan Creek, Niger Delta, Nigeria. <i>African Journal of Aquatic Science</i> , 2011, 36, 57-66.	1.1	21

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19	Effects of Cassava effluent on Benthic Macroinvertebrate Assemblages in a Tropical Stream in Southern Nigeria. <i>Acta Zoologica Lituanica</i> , 2008, 18, 147-156.	0.3	20
20	Biomonitoring of Effects and Accumulations of Heavy Metals Insults Using Some Helminth Parasites of Fish as Bio-Indicators in an Afrotropical Stream. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	19
21	The Influence of Sawmill Wood Wastes on the Distribution and Population of Macroinvertebrates at Benin River, Niger Delta Area, Nigeria. <i>Chemistry and Biodiversity</i> , 2006, 3, 578-592.	2.1	18
22	Mentum deformities in Chironomidae communities as indicators of anthropogenic impacts in Swartkops River. <i>Physics and Chemistry of the Earth</i> , 2012, 50-52, 140-148.	2.9	18
23	Ecology and Abundance of Oligochaetes as Indicators of Organic Pollution in an Urban Stream in Southern Nigeria. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 446-453.	0.5	18
24	Assessment of Contamination by Heavy Metals in Sediments of Ase River, Niger Delta, Nigeria. <i>Research Journal of Environmental Sciences</i> , 2007, 1, 220-228.	0.5	18
25	Mouthpart deformities in Chironomidae (Diptera) as bioindicators of heavy metals pollution in Shiroro Lake, Niger State, Nigeria. <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 96-100.	6.0	17
26	Concentrations and Distribution of Trace Metals in Water and Streambed Sediments of Orogo River, Southern Nigeria. <i>Soil and Sediment Contamination</i> , 2012, 21, 382-406.	1.9	16
27	Macroinvertebrate Community Patterns and Diversity in Relation to Water Quality Status of River Ase, Niger Delta, Nigeria. <i>Journal of Fisheries and Aquatic Science</i> , 2007, 2, 337-344.	0.1	16
28	Fluctuating salinity levels and an increasing pollution gradient on fish community structure and trophic levels in a small creek in the Niger delta, Nigeria. <i>International Aquatic Research</i> , 2014, 6, 187-202.	1.5	15
29	Spatiotemporal variation of macroinvertebrates in relation to canopy cover and other environmental factors in Eriora River, Niger Delta, Nigeria. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6449-6461.	2.7	14
30	How does Urban Pollution Influence Macroinvertebrate Traits in Forested Riverine Systems?. <i>Water (Switzerland)</i> , 2020, 12, 3111.	2.7	14
31	Effects of Industrial Waste Water on the Physical and Chemical Characteristics of a Tropical Coastal River. <i>Research Journal of Environmental Sciences</i> , 2008, 2, 209-220.	0.5	14
32	Environmental forcing of intertidal benthic macrofauna of Bodo Creek, Nigeria: Preliminary index to evaluate cleanup of Ogoniland. <i>Regional Studies in Marine Science</i> , 2017, 16, 89-97.	0.7	13
33	Stream biodiversity and monitoring in North Central, Nigeria: the use of macroinvertebrate indicator species as surrogates. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31003-31012.	5.3	12
34	Macroinvertebrate communities and physicochemical characteristics along an anthropogenic stress gradient in a southern Nigeria stream: Implications for ecological restoration. <i>Environmental and Sustainability Indicators</i> , 2021, 12, 100157.	3.3	12
35	Quantifying the roles of water pH and hardness levels in development and biological fitness indices of <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae). <i>Journal of Basic and Applied Zoology</i> , 2020, 81, .	0.9	11
36	Weak relationships among macroinvertebrates beta diversity ($\hat{\beta}^2$), river status, and environmental correlates in a tropical biodiversity hotspot. <i>Ecological Indicators</i> , 2021, 129, 107868.	6.3	11

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37	Biodiversity patterns along seasonality and environmental factors of stream macroinvertebrate communities of North-Central Nigeria. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2020, 24, 521-534.	0.4	11
38	Exploring spatio-temporal patterns of plankton diversity and community structure as correlates of water quality in a tropical stream. <i>Acta Ecologica Sinica</i> , 2018, 38, 216-223.	1.9	10
39	Achieving sustainable river water quality for rural dwellers by prioritizing the conservation of macroinvertebrates biodiversity in two Afrotropical streams. <i>Environmental and Sustainability Indicators</i> , 2021, 10, 100103.	3.3	10
40	Can Macroinvertebrate Traits Be Explored and Applied in Biomonitoring Riverine Systems Draining Forested Catchments?. <i>Frontiers in Water</i> , 2021, 3, .	2.3	9
41	Study of Heavy Metal Speciation in Sediments Impacted with Crude Oil in the Niger Delta, Nigeria. <i>Annali Di Chimica</i> , 2007, 97, 1143-1155.	0.6	8
42	Influence of selected biotopes on chironomid-based bioassessment of the Swartkops River, Eastern Cape, South Africa. <i>Water S A</i> , 2015, 41, 343.	0.4	8
43	Influence of rearing-water temperature on life stages vector attributes, distribution and utilisation of metabolic reserves in <i>Culex quinquefasciatus</i> (Diptera: Culicidae): implications for disease transmission and vector control. <i>Journal of Basic and Applied Zoology</i> , 2018, 79, .	0.9	8
44	Morphometric diagnosis of the effects of water hardness on development of immature life stages and adult vectorial fitness of <i>Culex quinquefasciatus</i> (Diptera: Culicidae) mosquito. <i>Zoomorphology</i> , 2018, 137, 511-518.	0.8	8
45	Quantifying the Influence of Larval Density on Disease Transmission Indices in <i>Culex quinquefasciatus</i> , the Major African Vector of Filariasis. <i>International Journal of Insect Science</i> , 2019, 11, 117954331985602.	1.7	8
46	Analyses of Physical and Chemical Parameters in Surface Waters nearby a Cement Factory in North Central, Nigeria. <i>Journal of Environmental Protection</i> , 2014, 05, 826-834.	0.7	8
47	Prevalence of helminth parasites of <i>Clarias gariepinus</i> and <i>Tilapia zillii</i> in relation to age and sex in an afrotropical stream. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2020, 24, 1-11.	0.4	7
48	Water quality and zooplankton of the Ogba River, Benin City, Nigeria. <i>African Journal of Aquatic Science</i> , 2013, 38, 193-199.	1.1	6
49	Patterns of chironomid body-size distribution in an effluent-impacted river in the Eastern Cape, South Africa. <i>African Journal of Aquatic Science</i> , 2014, 39, 377-386.	1.1	6
50	Effects of Varying Photoperiodic Regimens on Critical Biological Fitness Traits of <i>Culex quinquefasciatus</i> (Diptera: Culicidae) Mosquito Vector. <i>International Journal of Insect Science</i> , 2018, 10, 117954331876791.	1.7	6
51	Heavy metal content in the African giant snail <i>Archachatina marginata</i> (Swainson, 1821) (Gastropoda: Tj ETQq1 1 0,784314rgBT /Over	0,2	6
52	Toxicological Effects of Water Soluble Fraction of Crude Oil on Macrobenthic Invertebrates: Chironomus and Mosquito Larvae. <i>Research Journal of Environmental Toxicology</i> , 2008, 2, 23-26.	1.0	6
53	Some aspects of the culture, population dynamics and reproductive rates of the freshwater rotifer, <i>Brachionus calyciflorus</i> fed selected diets. <i>Journal of Aquatic Sciences</i> , 2004, 19, .	0.1	6
54	Phytoplankton Community Responses in A Perturbed Tropical Stream in the Niger Delta. <i>Tropical Freshwater Biology</i> , 2009, 17, .	0.2	6

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55	Phytophilous Macroinvertebrates of Floating & Nymphaea lotus and Pistia stratiotes in River Orogodo, Niger Delta, Nigeria. Tropical Freshwater Biology, 2007, 16, .	0.2	5
56	First Feeding in the African Catfish Clarias anguillaris Fry in Tanks with the Freshwater Rotifer Brachionus calyciflorus Cultured in a Continuous Feed Back Mechanism in Comparison with a Mixed Zooplankton Diet. Journal of Fisheries and Aquatic Science, 2007, 2, 275-284.	0.1	5
57	Effects of effluent discharges from a cement factory on the ecology of macroinvertebrates in an Afrotropical river. Environmental Science and Pollution Research, 2021, 28, 53444-53457.	5.3	4
58	Assessment of Sediment Contamination by Heavy Metals in River Orogodo (Agbor, Delta State, Nigeria). Current World Environment Journal, 2006, 1, 29-38.	0.5	4
59	The Genotoxicity Screening of Simulated Leachate from Semi-urban Waste Dumps in the Niger Delta, Nigeria Analysed by Allium Test. Research Journal of Environmental Sciences, 2007, 1, 310-316.	0.5	4
60	Influence of Variable Photoperiod. Molecular Entomology, 0, , .	0.0	3
61	Effects of Lead Nitrate on catalase production levels in post juvenile Clarias gariepinus (Burchell.) Tj ETQq1 1 0.784314 rgBT /Overlock 11	1.1	2
62	Influence of Fluctuating Temperatures on Morphometry of Culex quinquefasciatus (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 462 T	0.2	2
63	Incidence of feeding, growth and survival of the toothed carp, <i>Aphyosemion gardneri</i> larvae reared on the freshwater rotifer, <i>Brachionus calyciflorus</i>. Tropical Freshwater Biology, 2006, 12, .	0.2	2
64	The Role of Weather in the Spread of Lassa Fever in Parts of Northern Nigeria. International Journal of Tropical Disease & Health, 0, , 33-40.	0.1	2
65	Editorial: Advances in Biomonitoring for the Sustainability of Vulnerable African Riverine Ecosystems. Frontiers in Water, 2021, 3, .	2.3	2
66	Effects of water hardness level on metabolic reserves of post-embryonic life stages of Culex quinquefasciatus Say 1826 (Diptera: Culicidae). International Journal of Tropical Insect Science, 0, , 1.	1.0	1
67	Spatio-temporal variation in some environmental variables of Bosso Dam, Nigeria. Tropical Freshwater Biology, 2019, 28, 1.	0.2	1
68	Effect of abattoir wastes on the water quality of Aleto River in the Niger Delta, Nigeria. Tropical Freshwater Biology, 2012, 20, .	0.2	1
69	Seasonal changes in the abundance of benthic macroinvertebrates & physico-chemical condition of Moussa Stream Bida, Nigeria. Tropical Freshwater Biology, 2020, 29, 57-70.	0.2	1
70	Supplementing different levels of Saccharomyces cerevisiae diets on survival and some growth parameters in laboratory reared Heteroclarias juveniles. Nigerian Journal of Animal Production, 2020, 47, 92-102.	0.1	1
71	Ecological Observations, Preliminary Checklist and Conservation of Mammals Occurring Within the Eastern Boundaries of Ethiope River, Niger Delta Area of Nigeria. Journal of Biodiversity Bioprospecting and Development, 2014, 01, .	0.4	0
72	Effects of Petroleum Pollution in Niger Delta Wetlands: Interplay Between the Social and Ecological Systems. Advances in Science, Technology and Innovation, 2018, , 151-152.	0.4	0

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73	Assessment of the Relationship between Cerebrospinal Meningitis and Climate Variables in Kaduna State, Nigeria. International Journal of Environment and Climate Change, 0, , 33-41.	0.0	0
74	Evaluation of the ameliorative roles of Vitamins A, C and E on reduced glutathione in <i>Clarias gariepinus</i> (Burchell, 1822) fingerlings exposed to cadmium chloride. GSC Biological and Pharmaceutical Sciences, 2021, 15, 052-062.	0.3	0
75	Observations on some aspects of the biology of <i>Sudanonautes aubryi</i> (H. Milne Edward, 1886) (Crustacea: brachyura: potamoidea: potamonautidae) in Orogodo River, Niger Delta, Nigeria. Tropical Freshwater Biology, 2006, 12, .	0.2	0
76	Growth Response and Feed Utilization in the Cichlid, <i>Tilapia zilli</i> Exposed to Sublethal Concentrations of Linear Alkylbenzene Sulphonate (LAS) Detergent. Asian Fisheries Science, 2007, 19, .	0.3	0
77	Qualitative habitat evaluation index and some selected macroinvertebrate taxa metrics as a diagnostic tool for assessing pollution loads in a municipal river in north central Nigeria. Tropical Freshwater Biology, 2019, 28, 1.	0.2	0
78	Remediative roles of vitamins a, c and e on some growth parameters of <i>Clarias gariepinus</i> (Burchell,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Aquatic Studies, 2021, 9, 297-308.	0.2	0
79	Fish Community Structure in River Ossiomo, Niger Delta, Nigeria in Relation to Some Selected Environmental Variables. Asian Journal of Geographical Research, 0, , 55-65.	0.0	0