

Azubuike V Chukwuka

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

567
citations

687363

13
h-index

677142

22
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35
all docs

35
docs citations

35
times ranked

487
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#	ARTICLE	IF	CITATIONS
1	Biochemical, physiological (haematological, oxygen-consumption rate) and behavioural effects of mercury exposures on the freshwater snail, <i>Bellamya bengalensis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 251, 109195.	2.6	13
2	Behavioural toxicity and respiratory distress in early life and adult stage of walking catfish <i>Clarias batrachus</i> (Linnaeus) under acute fluoride exposures. <i>Toxicology and Environmental Health Sciences</i> , 2022, 14, 33-46.	2.1	13
3	Fluoride sensitivity in freshwater snail, <i>Bellamya bengalensis</i> (Lamarck, 1882): An integrative biomarker response assessment of behavioral indices, oxygen consumption, haemocyte and tissue protein levels under environmentally relevant exposure concentrations. <i>Environmental Toxicology and Pharmacology</i> , 2022, 89, 103789.	4.0	10
4	Effects of short-term selenium exposure on respiratory activity and proximate body composition of early-life stages of <i>Catla catla</i> , <i>Labeo rohita</i> and <i>Cirrhinus mrigala</i> . <i>Environmental Toxicology and Pharmacology</i> , 2022, 90, 103805.	4.0	14
5	Physiological (haematological, growth and endocrine) and biochemical biomarker responses in air-breathing catfish, <i>Clarias batrachus</i> under long-term Captan® pesticide exposures. <i>Environmental Toxicology and Pharmacology</i> , 2022, 90, 103815.	4.0	10
6	Effects of short-term sub-lethal diazinon® exposure on behavioural patterns and respiratory function in <i>Clarias batrachus</i> : inferences for adaptive capacity in the wild. <i>Chemistry and Ecology</i> , 2022, 38, 180-194.	1.6	7
7	Hydrological connectivity, surface water quality and distribution of fish species within sub-locations of an urban oxbow lake, East India. <i>Watershed Ecology and the Environment</i> , 2022, 4, 44-58.	1.8	9
8	Antioxidant enzyme activity and pathophysiological responses in the freshwater walking catfish, <i>Clarias batrachus</i> Linn under sub-chronic and chronic exposures to the neonicotinoid, Thiamethoxam®. <i>Science of the Total Environment</i> , 2022, 836, 155716.	8.0	26
9	Urbanisation gradients, riparian-loss and contaminant effects on macroinvertebrate distribution within a tropical river (Nigeria). <i>Chemistry and Ecology</i> , 2022, 38, 503-526.	1.6	2
10	Groundwater contamination and health risk assessment across an urban gradient: Case study of Onitcha metropolis, south-eastern Nigeria. <i>Groundwater for Sustainable Development</i> , 2021, 14, 100642.	4.6	14
11	Chronic Effects of Diazinon® Exposures Using Integrated Biomarker Responses in Freshwater Walking Catfish, <i>Clarias batrachus</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10902.	2.5	37
12	Sex-differences in physiological and oxidative stress responses and heavy metals burden in the black jaw tilapia, <i>Sarotherodon melanotheron</i> from a tropical freshwater dam (Nigeria). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 229, 108676.	2.6	15
13	Metalloestrogen uptake, antioxidant modulation and ovotestes development in <i>Callinectes amnicola</i> (blue crab): A first report of crustacea intersex in the Lagos lagoon (Nigeria). <i>Science of the Total Environment</i> , 2020, 704, 135235.	8.0	12
14	Watershed land use, surface water vulnerability and public health risks of two urban rivers, Ado-Ekiti, South-West Nigeria. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	11
15	Biochemical and endocrine-disrupting effects in <i>Clarias gariepinus</i> exposed to the synthetic pyrethroids, cypermethrin and deltamethrin. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 225, 108584.	2.6	22
16	Comparative gill and liver pathology of <i>Tilapia zilli</i> , <i>Clarias gariepinus</i> and <i>Neochanna diversus</i> in owan river (Nigeria): Relative ecological risks of species in a pesticide-impacted river. <i>Chemosphere</i> , 2019, 234, 1-13.	8.2	17
17	Gonad pathology and intersex severity in pelagic (<i>Tilapia zilli</i>) and benthic (<i>Neochanna diversus</i> and) Tj ETQq1 1 0.784314 rgBT /Over <i>Chemosphere</i> , 2019, 225, 535-547.	8.2	27
18	The intersex phenomenon in <i>Sarotherodon melanotheron</i> from Lagos lagoon (Nigeria): Occurrence and severity in relation to contaminants burden in sediment. <i>Environmental Pollution</i> , 2019, 244, 747-756.	7.5	17

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19	Morphological Differences and Trophic Niche Breadth of <i>Sarotherodon galilaeus</i> and <i>Oreochromis niloticus</i> from the Freshwater Lake Geriyo, North-Eastern Nigeria. <i>Ribarstvo, Croatian Journal of Fisheries</i> , 2019, 77, 19-32.	0.6	3
20	Relationship between geosorbent properties and field-based partition coefficients for pesticides in surface water and sediments of selected agrarian catchments: Implications for risk assessment. <i>Journal of Environmental Management</i> , 2018, 217, 23-37.	7.8	34
21	Drinking water quality and risk implications for community health: A case study of shallow water wells and boreholes in three major communities in Northern Cross-River, Southern Nigeria. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 427-444.	3.4	12
22	Endocrine disruptor responses in African sharptooth catfish (<i>Clarias gariepinus</i>) exposed to di-(2-ethylhexyl)-phthalate. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 213, 7-18.	2.6	19
23	Gross pathology, physiological and toxicological responses in relation to metals and persistent organic pollutants (POPs) burden in tilapia species from Ogun River, Nigeria. <i>Marine Environmental Research</i> , 2017, 129, 245-257.	2.5	14
24	Metal uptake, oxidative stress and histopathological alterations in gills and hepatopancreas of <i>Callinectes amnicola</i> exposed to industrial effluent. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 179-193.	6.0	43
25	Sex-specific affinity for redox-active metals influences antioxidant responses of <i>Callinectes amnicola</i> (blue crab) populations in littoral and open water habitats of a tropical coastal lagoon. <i>Marine Ecology</i> , 2017, 38, e12437.	1.1	12
26	Sexual dimorphism in black jaw tilapia (<i>Sarotherodon melanotheron</i>) and banded jewelfish (<i>Hemichromis fasciatus</i>) from the Great Kwa River, Calabar, Nigeria. <i>Ribarstvo, Croatian Journal of Fisheries</i> , 2017, 75, 122-131.	0.6	3
27	Metal residues in flesh of edible blue crab, <i>Callinectes amnicola</i> , from a tropical coastal lagoon: Health implications. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 1708-1725.	3.4	12
28	Concentration of polychlorinated biphenyl (PCB) congeners in the muscle of <i>Clarias gariepinus</i> and sediment from inland rivers of southwestern Nigeria and estimated potential human health consequences. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 969-983.	2.3	13
29	Endocrine-disruptor molecular responses, occurrence of intersex and gonado-histopathological changes in tilapia species from a tropical freshwater dam (Awba Dam) in Ibadan, Nigeria. <i>Aquatic Toxicology</i> , 2016, 174, 10-21.	4.0	40
30	Environmental occurrence and biota concentration of phthalate esters in Epe and Lagos Lagoons, Nigeria. <i>Marine Environmental Research</i> , 2015, 108, 24-32.	2.5	54
31	Trace metal concentrations and antioxidant activity in ovarian tissue of blue crab <i>Callinectes amnicola</i> from Lagos lagoon and implications for reproductive success. <i>Zoology and Ecology</i> , 2014, 24, 278-284.	0.2	12
32	Acute toxicity of abattoir and saw-mill effluents to juvenile-sized <i>Clarias gariepinus</i> . <i>Zoology and Ecology</i> , 2013, 23, 53-57.	0.2	5
33	Evaluation of Response Patterns in Somatic and Otolith Features of Laboratory-Reared and Wild <i>Clarias gariepinus</i> ; Exposed to Industrial Effluent. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 5, 626-634.	0.1	11
34	Riparian-Buffer Loss and Pesticide Incidence in Freshwater Matrices of Ikpoba River (Nigeria): Policy Recommendations for the Protection of Tropical River Basins. , 0, , .		4