

Adebayo Akeem Otitolaju

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

614
citations

567281

15
h-index

642732

23
g-index

41
all docs

41
docs citations

41
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the joint-action toxicity of binary mixtures of heavy metals against the mangrove periwinkle <i>Tympanotonus fuscatus</i> var <i>radula</i> (L.). <i>Ecotoxicology and Environmental Safety</i> , 2002, 53, 404-415.	6.0	78
2	Lipid peroxidation and antioxidant defense enzymes in <i>Clarias gariepinus</i> as useful biomarkers for monitoring exposure to polycyclic aromatic hydrocarbons. <i>Environmental Monitoring and Assessment</i> , 2011, 182, 205-213.	2.7	56
3	Preliminary Study on the Induction of Sperm Head Abnormalities in Mice, <i>Mus musculus</i> , Exposed to Radiofrequency Radiations from Global System for Mobile Communication Base Stations. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 51-54.	2.7	49
4	Lagos lagoon sediment organic extracts and polycyclic aromatic hydrocarbons induce embryotoxic, teratogenic and genotoxic effects in <i>Danio rerio</i> (zebrafish) embryos. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14489-14501.	5.3	47
5	Relevance of joint action toxicity evaluations in setting realistic environmental safe limits of heavy metals. <i>Journal of Environmental Management</i> , 2003, 67, 121-128.	7.8	36
6	Air Pollution Monitoring Around Residential and Transportation Sector Locations in Lagos Mainland. <i>Journal of Health and Pollution</i> , 2018, 8, 180903.	1.8	35
7	Monitoring of soil and groundwater contamination following a pipeline explosion and petroleum product spillage in Ijegun, Lagos Nigeria. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 4159-4170.	2.7	25
8	Cytotoxic and genotoxic responses of the RTgill-W1 fish cells in combination with the yeast oestrogen screen to determine the sediment quality of Lagos lagoon, Nigeria. <i>Mutagenesis</i> , 2015, 30, 117-127.	2.6	25
9	Integrated laboratory and field assessments of heavy metals accumulation in edible periwinkle, <i>Tympanotonus fuscatus</i> var <i>radula</i> (L.). <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 354-362.	6.0	21
10	Crude oil plus dispersant: always a boon or bane?. <i>Ecotoxicology and Environmental Safety</i> , 2005, 60, 198-202.	6.0	20
11	Biomarkers of toxicity in <i>Clarias gariepinus</i> exposed to sublethal concentrations of polycyclic aromatic hydrocarbons. <i>African Journal of Aquatic Science</i> , 2018, 43, 281-292.	1.1	19
12	Histopathology alterations and lipid peroxidation as biomarkers of hydrocarbon-induced stress in earthworm, <i>Eudrilus eugeniae</i> . <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2189-2196.	2.7	18
13	Environmental monitoring of urban streams using a primary fish gill cell culture system (FIGCS). <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 279-285.	6.0	18
14	Heavy Metal Pollution Monitoring in Vulnerable Ecosystems: A Case Study of the Lagos Lagoon, Nigeria. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 609-613.	2.7	18
15	Specific polycyclic aromatic hydrocarbons identified as ecological risk factors in the Lagos lagoon, Nigeria. <i>Environmental Pollution</i> , 2019, 255, 113295.	7.5	18
16	Morphological and anatomical effects of crude oil on <i>Pistia stratiotes</i> . <i>The Environmentalist</i> , 2011, 31, 288-298.	0.7	13
17	Toxicological Study and Genetic Basis of BTEX Susceptibility in <i>Drosophila melanogaster</i> . <i>Frontiers in Genetics</i> , 2020, 11, 594179.	2.3	12
18	Recovery assessment of a refined-oil impacted and fire ravaged mangrove ecosystem. <i>Environmental Monitoring and Assessment</i> , 2007, 127, 353-362.	2.7	10

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19	In vitro cyto-toxic assessment of heavy metals and their binary mixtures on mast cell-like, rat basophilic leukemia (RBL-2H3) cells. <i>Chemosphere</i> , 2019, 223, 686-693.	8.2	10
20	Joint action toxicity of spent lubrication oil and laundry detergent against <i>Poecilia reticulata</i> (Telostei: Poeciliidae). <i>African Journal of Aquatic Science</i> , 2006, 31, 125-129.	1.1	9
21	Estimation of environmentally sensitive dispersal ratios for chemical dispersants used in crude oil spill control. <i>The Environmentalist</i> , 2009, 29, 371-380.	0.7	8
22	Effects of gas flaring on blood parameters and respiratory system of laboratory mice, <i>Mus musculus</i> . <i>The Environmentalist</i> , 2010, 30, 340-346.	0.7	7
23	Occurrence of chemical pollutants in major e-waste sites in West Africa and usefulness of cytotoxicity and induction of ethoxyresorufin-O-deethylase (EROD) in determining the effects of some detected brominated flame retardants and e-waste soil-derived extracts. <i>Environmental Science and Pollution Research</i> . 2021, 28, 10832-10846.	5.3	7
24	Genotoxic, Histopathological and Oxidative Stress Responses in Catfish, <i>Clarias gariepinus</i> , Exposed to Two Antifouling Paints. <i>Journal of Health and Pollution</i> , 2017, 7, 71-82.	1.8	7
25	Biological responses in edible crab, <i>Callinectes amnicola</i> that could serve as markers of heavy metals pollution. <i>The Environmentalist</i> , 2009, 29, 37-46.	0.7	6
26	Spatial drivers of COVID-19 vulnerability in Nigeria. <i>Pan African Medical Journal</i> , 2021, 39, 19.	0.8	5
27	Histopathological and biochemical alterations in <i>Eudrilus eugeniae</i> (Kinberg 1867) as biomarkers of exposure to monocyclic aromatic hydrocarbons in oil impacted site. <i>Journal of Basic and Applied Zoology</i> , 2019, 80, .	0.9	5
28	Tolerance: A Useful Biological Parameter for Identifying Contaminated Sites. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 71, 1139-44.	2.7	4
29	Sawmill Activities Near the Lagos Lagoon, Nigeria: Polycyclic Aromatic Hydrocarbons and Embryotoxic Evaluations of Sediment Extracts Using <i>Clarias gariepinus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 809-819.	2.7	4
30	Haematological effects of radiofrequency radiation from GSM base stations on four successive generations (F1 and F2; F3; F4) of albino mice, <i>Mus Musculus</i> . <i>Journal of Environmental and Occupational Science</i> , 2012, 1, 17.	0.2	4
31	Toxicity Evaluation of Pharmaceutical Wastewater to the Nile Tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 $\frac{rgBT}{\text{Overlock } 10^2}$	0.7	2
32	Assessment of the risk of death of <i>Clarias gariepinus</i> and <i>Oreochromis niloticus</i> pulse-exposed to selected agricultural pesticides. <i>Scientific Reports</i> , 2021, 11, 14652.	3.3	2
33	In vitro cytotoxic assessment of e-waste-related chemical pollution in impacted soil matrix. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 209.	2.7	2
34	Determination of types of interactions exhibited by binary mixtures of heavy metals tested against the hermit crab, <i>Clibanarius africanus</i> . <i>Toxicological and Environmental Chemistry</i> , 2006, 88, 331-343.	1.2	1
35	Chromosomal genes conferring tolerance to heavy metal (Ag) toxicity. <i>The Environmentalist</i> , 2009, 29, 85-92.	0.7	1
36	Cultured rainbow trout gill epithelium as an in vitro method for marine ecosystem toxicological studies. <i>Heliyon</i> , 2021, 7, e08018.	3.2	1

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37	Hematological variations, histopathology and reversibility of liver function enzymes in post-juvenile <i>Clarias gariepinus</i> exposed singly to five botanical piscicides.. Egyptian Journal of Aquatic Biology and Fisheries, 2020, 24, 169-180.	0.4	1
38	Influence of Volatile Organic Solvents' Inhalation on Activity Quotient and Biochemical Indices of <i>Mus musculus</i> . Journal of Environmental and Occupational Science, 2012, 1, 155.	0.2	1
39	A Comparative Study on the Health Impact of Radiation on Residents close to Mobile Phone Base-stations in Lagos, Nigeria. ISEE Conference Abstracts, 2021, 2021, .	0.0	0