

Muyiwa Michael Orosun

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

418
citations

933447

10
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Risks Assessment of Kaolin Mines and Their Brick Products Using Monte Carlo Simulations. <i>Earth Systems and Environment</i> , 2022, 6, 157-174.	6.2	12
2	Radiotoxicity risk assessments of ceramic tiles used in Nigeria: The Monte Carlo approach. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2022, 17, 100618.	2.9	4
3	Experimental and computational modeling of the biological activity of benzaldehyde sulphur trioxide as a potential drug for the treatment of Alzheimer disease. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100532.	2.8	43
4	A Monte Carlo simulation of unmitigated risk of radon exposure from soil and groundwater around Maiganga Coal Mine, North-Eastern Nigeria. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	7
5	MEASUREMENTS OF SEASONAL VARIATIONS OF RADIOACTIVITY DISTRIBUTIONS IN RIVERINE SOIL SEDIMENT OF ADO-ODO OTA, SOUTH-WEST NIGERIA: PROBABILISTIC APPROACH USING MONTE CARLO. <i>Radiation Protection Dosimetry</i> , 2021, 193, 76-89.	0.8	8
6	Radiometric survey of natural radioactivity concentration and risk assessment on dwellers around Ijako active dumpsite in Ogun State. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 655, 012080.	0.3	1
7	Assessment of Natural Radionuclide Contents in Water and Sediments from Asa-Dam, Ilorin, Nigeria. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 655, 012090.	0.3	1
8	Structural geometry of Ikogosi warm spring, southwestern Nigeria: evidence from aeromagnetic and remote sensing interpretation. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2021, 7, 1.	2.9	10
9	Assessment of ambient gamma radiation dose and annual effective dose associated with radon in drinking water from gold and lead mining area of Moro, North-Central Nigeria. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 129-136.	1.5	20
10	Natural radionuclide and radiological impact assessment of teak plantation, University of Ilorin, Kwara State. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 665, 012044.	0.3	0
11	Assessment of arsenic and its associated health risks due to mining activities in parts of North-central Nigeria: Probabilistic approach using Monte Carlo. <i>Journal of Hazardous Materials</i> , 2021, 412, 125262.	12.4	51
12	Influence of Pan-African tectonics on older Precambrian basement structural fabrics as revealed from the interpretation of aeromagnetic and remote sensing data of Ikole/Kabba region, southwestern Nigeria. <i>Journal of African Earth Sciences</i> , 2021, 179, 104189.	2.0	7
13	New insights on the Ife-Ilesha schist belt using integrated satellite, aeromagnetic and radiometric data. <i>Scientific Reports</i> , 2021, 11, 15314.	3.3	9
14	Radiological Hazard Assessment of Sharp-Sand from Ilorin-East, Kwara State, Nigeria. <i>Journal of Physics: Conference Series</i> , 2021, 1734, 012040.	0.4	5
15	Radiological impact of mining: new insight from cancer risk assessment of radon in water from Ifelodun beryllium mining, North-Central Nigeria using Monte Carlo simulation. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	7
16	Sustainable nano-sodium silicate and silver nitrate impregnated locally made ceramic filters for point-of-use water treatments in sub-Saharan African households. <i>Heliyon</i> , 2021, 7, e08470.	3.2	3
17	Magnetic susceptibility measurement and heavy metal pollution at an automobile station in Ilorin, North-Central Nigeria. <i>Environmental Research Communications</i> , 2020, 2, 015001.	2.3	23
18	Radioactivity levels and transfer factor for granite mining field in Asa, North-central Nigeria. <i>Heliyon</i> , 2020, 6, e04240.	3.2	26

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19	Determination of Magnetic susceptibility of hydrocarbon contaminated soils in Port Harcourt and Bonny Island, Rivers State, Nigeria. <i>Southern Africa Journal of Education Science and Technology</i> , 2020, 5, 93-110.	0.0	0
20	Effects of Annealing on the Structural and Optical Properties of Silver Thin Films. <i>Journal of Applied Sciences and Environmental Management</i> , 2020, 23, 2077.	0.1	0
21	Dataset on radioactivity measurement of Beryllium mining field in Ifelodun and gold mining field in Moro, Kwara State, North-central Nigeria. <i>Data in Brief</i> , 2020, 31, 105888.	1.0	20
22	Existence of subsurface structures from aeromagnetic data interpretation of the crustal architecture around Ibi, Middle Benue, Nigeria. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	5
23	Monte Carlo approach to risks assessment of heavy metals at automobile spare part and recycling market in Ilorin, Nigeria. <i>Scientific Reports</i> , 2020, 10, 22084.	3.3	41
24	An Overview of the Operational Principles, Light Harvesting and Trapping Technologies, and Recent Advances of the Dye Sensitized Solar Cells (Review). <i>Applied Solar Energy (English Translation of) Tj ETQq0 0 0 rgBT, K Overlock 10 Tf 50 5</i>	1.0	10
25	Background Radiation from ²³⁸ U, ²³² Th, and ⁴⁰ K in Bells Area and Canaan City, Ota, Nigeria. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2020, 8, 678-684.	0.2	3
26	PCB DESIGN USING LOCAL TECHNOLOGY AND AutoCAD. <i>Journal of Physics: Conference Series</i> , 2019, 1299, 012063.	0.4	2
27	Natural radionuclides and radiological risk assessment of granite mining field in Asa, North-central Nigeria. <i>MethodsX</i> , 2019, 6, 2504-2514.	1.6	28
28	Natural Radioactivity and Radiological Impact Assessment of Soil, Food and Water around Iron and Steel Smelting Area in Fashina Village, Ile-Ife, Osun State, Nigeria. <i>Journal of Applied Sciences and Environmental Management</i> , 2019, 23, 135.	0.1	10
29	Geophysical inversion of geologic structures of Oyo Metropolis, Southwestern Nigeria from airborne magnetic data. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2019, 5, 143-157.	2.9	10
30	Geothermal Energy Potential of the Chad Basin, North-Eastern Nigeria. <i>Journal of Applied Sciences and Environmental Management</i> , 2019, 22, 1817.	0.1	1
31	Radiological Safety of Water from Hadejia River. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 173, 012036.	0.3	8
32	Depth Estimate and Mapping of source geometries from High Resolution Aeromagnetic (HRAM) data of Benisheikh, Nigeria. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 173, 012034.	0.3	0
33	Radiological Impacts of Natural Radioactivity in Locally Produced Tobacco Products in Ibadan, Oyo State, Nigeria. <i>Momona Ethiopian Journal of Science</i> , 2018, 10, 59.	0.3	6
34	Bound State Solutions of Klein-Gordon Equation with Manning-Rosen Plus a Class of Yukawa Potential Using Pekeris-Like Approximation of the Coulomb Term and Parametric Nikiforov-Uvarov. <i>International Journal of Chemical and Physical Sciences</i> , 2018, 7, 33.	0.2	4
35	Analytic Spin and Pseudospin Solutions to the Dirac Equation for the Manning-Rosen Plus Eckart Potential and Yukawa-Like Tensor Interaction. <i>International Journal of Chemical and Physical Sciences</i> , 2018, 7, 38.	0.2	2
36	Determination of Selected Heavy Metals and Human Health Risk Assessment in Fishes from Kiri Dam and River Gongola, Northeastern Nigeria. , 2017, 06, .		5

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37	Assessment of heavy metal pollution in drinking water due to mining and smelting activities in Ajaokuta, Nigeria. Nigerian Journal of Technological Development, 2016, 13, 31.	0.6	10
38	Neural Network Based Model of an Industrial Oil-Fired Boiler System. Nigerian Journal of Technology, 2014, 33, 293.	0.3	3
39	ASSESSMENT OF RADIOACTIVITY LEVELS AND TRANSFER FACTOR OF NATURAL RADIONUCLIDES AROUND IRON AND STEEL SMELTING COMPANY LOCATED IN FASHINA VILLAGE, ILE-IFE, OSUN STATE, NIGERIA. Facta Universitatis Series Working and Living Environmental Protection, 0, , 241.	0.0	7