

# Theophilus A Adagunodo

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

493  
citations

686830

13  
h-index

713013

21  
g-index

53  
all docs

53  
docs citations

53  
times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of reservoirs and depositional study of J-P Field, shallow offshore of Niger Delta Basin, Nigeria. <i>Scientific African</i> , 2022, 15, e01064.	0.7	0
2	Evaluation of soil-gas radon concentrations from different geological units with varying strata in a crystalline basement complex of southwestern Nigeria. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	5
3	Mapping of thin sandstone reservoirs in bisol field, Niger delta, Nigeria using spectral decomposition technique. <i>Geodesy and Geodynamics</i> , 2021, 12, 54-64.	1.0	4
4	Health risk indices and zooplankton-based assessment of a tropical rainforest river contaminated with iron, lead, cadmium, and chromium. <i>Scientific Reports</i> , 2020, 10, 16896.	1.6	5
5	Monitoring of radon concentration for different building types in Covenant University, Nigeria. <i>Cogent Engineering</i> , 2020, 7, 1759396.	1.1	12
6	Principal Components and Hierarchical Cluster Analyses of Trace Metals and Total Hydrocarbons in Gills, Intestines and Muscles of <i>Clarias gariepinus</i> (Burchell, 1822). <i>Scientific Reports</i> , 2020, 10, 5180.	1.6	19
7	Retrospective and forward prediction of next strong earthquakes in oceanic ridges and trenches using probabilistic models. <i>Journal of Seismology</i> , 2020, 24, 1225-1234.	0.6	0
8	Geoengineering site characterization for foundation integrity assessment. <i>Cogent Engineering</i> , 2020, 7, 1711684.	1.1	9
9	Geo-investigation on groundwater control in some parts of Ogun state using data from Shuttle Radar Topography Mission and vertical electrical soundings. <i>Heliyon</i> , 2020, 6, e03327.	1.4	20
10	Aeromagnetic mapping of fault architecture along Lagosâ€œOre axis, southwestern Nigeria. <i>Open Geosciences</i> , 2020, 12, 376-389.	0.6	11
11	Radiogenic heat production in the Coastal Plain Sands of Ipokia, Dahomey Basin, Nigeria. <i>MethodsX</i> , 2019, 6, 1608-1616.	0.7	9
12	Performance Evaluation of Inverter-equipped Drive to Regulate the Speed of Motor and Cooling Output of Air Conditioner. <i>Journal of Physics: Conference Series</i> , 2019, 1299, 012029.	0.3	0
13	Assessment of radiogenic heat generation in a flood plain of crystalline Basement rocks. <i>Journal of Physics: Conference Series</i> , 2019, 1299, 012073.	0.3	0
14	Distribution of radionuclides and assessment of risk exposure to the miners on a kaolin field. <i>Journal of Physics: Conference Series</i> , 2019, 1299, 012082.	0.3	0
15	The Background Dose Assessment of Highly Industrialized Area Used for Building and Construction Purposes in Ogun State, Nigeria. <i>Journal of Physics: Conference Series</i> , 2019, 1299, 012096.	0.3	0
16	Assessment of radon concentration in groundwater within Ogbomoso, SW Nigeria. <i>Journal of Physics: Conference Series</i> , 2019, 1299, 012098.	0.3	3
17	Mapping of Uranium-238 Deposit and its Contribution to Indoor Radon Gas in Ota, Ogun State, Nigeria. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 331, 012043.	0.2	0
18	Investigating the indoor Concentration of Radon-222 and its possible health Implications on the staff of a Pharmaceutical Company in Ota, Ogun State, Nigeria. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 331, 012044.	0.2	0

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19	Influence of 3mm and 4mm glassware on heat entrapment in a locally made domestic solar bank. Journal of Physics: Conference Series, 2019, 1299, 012030.	0.3	0
20	Effect of air pollution on agricultural outcome over Faya. Journal of Physics: Conference Series, 2019, 1299, 012090.	0.3	0
21	Radiological risk assessment in some imported tiles from China and its possible health implication for Nigerian users. Journal of Physics: Conference Series, 2019, 1299, 012091.	0.3	0
22	Geoelectrical investigation of foundation failure in Akowonjo, Ogbomoso, Nigeria. IOP Conference Series: Earth and Environmental Science, 2019, 331, 012065.	0.2	1
23	Natural radionuclides and radiological risk assessment of granite mining field in Asa, North-central Nigeria. MethodsX, 2019, 6, 2504-2514.	0.7	28
24	Integration of aeromagnetic and electrical resistivity imaging for groundwater potential assessments of coastal plain sands area of Ado-Odo/Ota in southwest Nigeria. Groundwater for Sustainable Development, 2019, 9, 100264.	2.3	21
25	Geochemical Classification of Groundwater System in a Rural Area of Nigeria. Advances in Science, Technology and Innovation, 2019, , 125-127.	0.2	0
26	Evaluation of 0.8 M earthquake data sets in African-Asian region during 1966-2015. Data in Brief, 2018, 17, 588-603.	0.5	20
27	Hydroclimate in Africa during the Medieval Climate Anomaly. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 495, 309-322.	1.0	31
28	Heavy metals' data in soils for agricultural activities. Data in Brief, 2018, 18, 1847-1855.	0.5	54
29	Site characterization of Ayetoro Housing Scheme, Oyo, Nigeria. IOP Conference Series: Earth and Environmental Science, 2018, 173, 012031.	0.2	0
30	The use of geological-based geophysical surveys for groundwater distribution in crystalline basement terrain, SW Nigeria. IOP Conference Series: Earth and Environmental Science, 2018, 173, 012029.	0.2	3
31	Impacts of Aflatoxin B1 on cultivated Palaemonid shrimps. IOP Conference Series: Earth and Environmental Science, 2018, 210, 012012.	0.2	0
32	Radiation from Visual Display Unit. IOP Conference Series: Earth and Environmental Science, 2018, 173, 012039.	0.2	1
33	Analysis and comparison of tropospheric scintillation prediction models at Covenant University. IOP Conference Series: Earth and Environmental Science, 2018, 173, 012015.	0.2	6
34	Investigation into the types of fracture and viable depth to substratum of a housing estate using geophysical techniques. IOP Conference Series: Earth and Environmental Science, 2018, 173, 012030.	0.2	1
35	Review on Li-Fi: an advancement in wireless network communication with the application of solar power. IOP Conference Series: Earth and Environmental Science, 2018, 173, 012016.	0.2	3
36	Estimation of aquifer hydraulic parameters from surficial geophysical methods: a case study of Ota, Southwestern Nigeria. IOP Conference Series: Earth and Environmental Science, 2018, 173, 012028.	0.2	11

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37	Radioactivity and radiological hazards from a kaolin mining field in Ifonyintedo, Nigeria. <i>MethodsX</i> , 2018, 5, 362-374.	0.7	51
38	Data on the radiometric survey over a kaolinitic terrain in Dahomey Basin, Nigeria. <i>Data in Brief</i> , 2018, 18, 814-822.	0.5	28
39	Peak particle velocity data acquisition for monitoring blast induced earthquakes in quarry sites. <i>Data in Brief</i> , 2018, 19, 398-408.	0.5	7
40	Groundwater Exploration in Aaba Residential Area of Akure, Nigeria. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	44
41	Monitoring of seepages around dams using geophysical methods: a brief review. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 173, 012026.	0.2	5
42	Construction of an in-situ smart device that measures some basic environmental factors for agricultural monitoring. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 173, 012023.	0.2	2
43	Reservoir characterization and seal integrity of Jemir field in Niger Delta, Nigeria. <i>Journal of African Earth Sciences</i> , 2017, 129, 779-791.	0.9	17
44	Geoexploration of radioelement's datasets in a flood plain of crystalline bedrock. <i>Data in Brief</i> , 2017, 15, 809-820.	0.5	17
45	Estimation of specific attenuation of radio signal in Southwest Nigeria. , 2017, , .		4
46	Impact of magnetic activity on occurrence of ionospheric amplitude scintillation over Lagos, Nigeria. , 2017, , .		2
47	Geoelectric Delineation of Aquifer Pattern in Crystalline Bedrock. <i>Open Transactions on Geosciences</i> , 2015, 2015, 1-16.	0.3	2
48	Geophysical Investigation for Groundwater Development at Oyo State Housing Estate Ogbomoso, Southwestern Nigeria. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 5, 1811-1845.	0.1	21
49	Vertical Electrical Sounding to Determine Fracture Distribution At Adumasun Area, Oniye, Southwestern Nigeria.. <i>IOSR Journal of Applied Geology and Geophysic</i> , 2013, 1, 10-22.	0.1	10
50	Comparative Estimation of Flow Rate Mediated Oxidative Stress Amongst Palaemonid shrimps. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 210, 012011.	0.2	2
51	Statistical Assessment of Radiation Exposure Risks of Farmersâ€™ in Odo Oba, Southwestern Nigeria. <i>Bulletin of the Mineral Research and Exploration</i> , 0, , 1-10.	0.5	4