

Okechukwu Ebuka Agbasi

List of Publications by Year in descending order

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58
papers

363
citations

1307594

7
h-index

1125743

13
g-index

60
all docs

60
docs citations

60
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of pore pressure, wellbore failure and reservoir stability in the Gabo field, Niger Delta, Nigeria - Implications for drilling and reservoir management. <i>Journal of African Earth Sciences</i> , 2021, 173, 104038.	2.0	33
2	Static Reservoir Modeling of the Eocene Clastic Reservoirs in the Q-Field, Niger Delta, Nigeria. <i>Natural Resources Research</i> , 2021, 30, 1411-1425.	4.7	26
3	Assessment of Thermal and Mechanical Properties of Composite Board Produced from Coconut (<i>Cocos nucifera</i>) Husks, Waste Newspapers, and Cassava Starch. <i>International Journal of Thermophysics</i> , 2019, 40, 1.	2.1	21
4	Discrimination of pore fluid and lithology of a well in X Field, Niger Delta, Nigeria. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	17
5	Integrated Geophysical Data and GIS Technique to Forecast the Potential Groundwater Locations in Part of South Eastern Nigeria. <i>Iraqi Journal of Science</i> , 2019, 60, 1013-1022.	0.3	16
6	Near-Surface Crustal Architecture and Geohydrodynamics of the Crystalline Basement Terrain of Araromi, Akungba-Akoko, SW Nigeria, Derived from Multi-Geophysical Methods. <i>Natural Resources Research</i> , 2022, 31, 215-236.	4.7	14
7	Identification of potential groundwater locations using geophysical data and fuzzy gamma operator model in Imo, Southeastern Nigeria. <i>Applied Water Science</i> , 2020, 10, 1.	5.6	13
8	Integrated analysis of well logs for productivity prediction in sand-shale sequence reservoirs of the Niger Delta—a case study. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	10
9	Cross plot Analysis of Rock Properties from Well Log Data for gas detection in Soku Field, Coastal Swamp Depobelt, Niger Delta Basin. <i>JGEET: Journal of Geoscience, Engineering, Environment and Technology</i> , 2018, 3, 180.	0.1	10
10	Dielectric Properties of Eggshell Membrane of Some Select Bird Species. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 769-777.	3.0	8
11	Using Geo-electric Techniques for Vulnerability and Groundwater Potential Analysis of Aquifers in Nnewi, South Eastern Nigeria. <i>Journal of Geology Geography and Geoecology</i> , 2021, 30, 43-52.	0.3	8
12	Shale volume and permeability of the Miocene unconsolidated turbidite sands of Bonga oil field, Niger delta, Nigeria. <i>International Journal of Advanced Geosciences</i> , 2017, 5, 37.	0.1	7
13	Application of model-based inversion technique in a field in the coastal swamp depobelt, Niger delta. <i>International Journal of Advanced Geosciences</i> , 2017, 6, 122.	0.1	7
14	Estimation of main aquifer parameters using geoelectric measurements to select the suitable wells locations in Bahr Al-Najaf depression, Iraq. <i>Groundwater for Sustainable Development</i> , 2020, 11, 100437.	4.6	7
15	Investigation of Thermal and Strength Properties of Composite Panels Fabricated with Plaster of Paris for Insulation in Buildings. <i>International Journal of Thermophysics</i> , 2021, 42, 1.	2.1	7
16	Investigation of heat transfer and mechanical properties of <i>Saccharum officinarum</i> leaf board. <i>International Journal of Energy and Water Resources</i> , 0, 1.	2.2	7
17	Inclusive reservoir characterization from rock physics and sequence stratigraphic analyses of Middle Miocene, Niger delta. <i>Petroleum Research</i> , 2021, 6, 213-223.	2.7	7
18	Analysis of Photosynthetically Active Radiation over Six Tropical Ecological Zones in Nigeria. <i>Journal of Geography Environment and Earth Science International</i> , 2016, 7, 1-15.	0.2	7

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19	Modelling and Estimating Photosynthetically Active Radiation from Measured Global Solar Radiation at Calabar, Nigeria. <i>Physical Science International Journal</i> , 2016, 12, 1-12.	0.3	7
20	Estimation of Water Saturation Using a Modeled Equation and Archie's Equation from Wire-Line Logs, Niger Delta Nigeria. <i>IOSR Journal of Applied Physics</i> , 2013, 3, 66-71.	0.1	7
21	Mapping of subsurface contamination zone using 3D electrical resistivity imaging in Hilla city, Iraq. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	6
22	Valorisation of Waste Carton Paper, Melon Seed Husks, and Groundnut Shells to Thermal Insulation Panels for Structural Applications. <i>Polytechnica</i> , 2021, 4, 97-106.	2.1	6
23	Assesment and evaluation of excess lifetime cancer risk for Occupants of university of Uyo permanent campus, Nigeria. <i>International Journal of Physical Research</i> , 2016, 5, 28-35.	0.5	5
24	Investigation of thermophysical properties of alates (swarmers) termite wing as potential raw material for insulation. <i>International Journal of Scientific World</i> , 2017, 6, 1-7.	3.0	5
25	Formation evaluation of reservoirs in Eocene, Niger Delta Nigeria using modified formation factor from Pickett's plot. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 331-339.	3.4	5
26	Integrated hydrogeophysical assessment of groundwater potential in the Ogun drainage basin, Nigeria. <i>International Journal of Energy and Water Resources</i> , 2021, 5, 461-475.	2.2	5
27	Investigation of thermophysical and mechanical properties of board produced from coconut (Cocos) Tj ETQq1 1 0.784314 rgBT /Over 6.1 5	6.1	5
28	Comparison of clay soils of different colors existing under the same conditions in a location. <i>Imam Journal of Applied Sciences</i> , 2020, 5, 68.	0.7	5
29	Hygrothermal properties of sandcrete blocks produced with raw and hydrothermally-treated sawdust as partial substitution materials for sand. <i>Journal of King Saud University, Engineering Sciences</i> , 2021, , .	2.0	5
30	Design and performance evaluation of a device for determination of specific heat capacity of thermal insulators. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2020, 9, .	2.0	4
31	Thermal and mechanical properties of fabricated plaster of Paris filled with groundnut seed coat and waste newspaper materials for structural application. <i>Journal of Silicate Based and Composite Materials</i> , 2020, 72, 72-78.	0.2	4
32	Bulk Volume Determination by Modified Water Displacement Method. <i>Iraqi Journal of Science</i> , 0, , 1704-1710.	0.3	4
33	SEISMIC ANALYSIS OF THE TRANSGRESSIVE SYSTEMS TRACTS (TSTS) OF THE NIGER DELTA. <i>Earth Science Malaysia</i> , 2018, 2, 16-19.	0.1	4
34	On the hygrothermal properties of sandcrete blocks produced with sawdust as partial replacement of sand. <i>Journal of the Mechanical Behavior of Materials</i> , 2021, 30, 144-155.	1.8	4
35	Modified Water Displacement Method and its Use for Determination of Bulk Density of Porous Materials. <i>Journal of Renewable Energy & Mechanics (REM)</i> , 2019, 2, .	0.1	4
36	Gamma Radiation Determination of Absorption Coefficients of Cement Sand Block. <i>Cumhuriyet Science Journal</i> , 2020, 41, 38-42.	0.3	4

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37	Temperature-Dependent Electrical Characteristics of Disc-Shaped Compacts Fabricated using Calcined Eggshell Nano Powder and Dry Cassava Starch. Powder Metallurgy Progress, 2020, 20, 12-20.	0.1	4
38	Petrophysics and Flow Zone Indicator evaluation of reservoirs in OKX Field, offshore depobelt, Niger Delta. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	4
39	Georesistivity and physicochemical evaluation of hydrogeologic units in parts of Akwa Ibom State, Nigeria. International Journal of Energy and Water Resources, 2024, 8, 111-122.	2.2	4
40	Evaluation of Ground Water Potential in Ekpri-Ikang, Bakassi Local Government Area, Cross River State, Nigeria. "A Case Study of Open Bible Standard Church Premises" International Journal of Advanced Geosciences, 2017, 5, 26.	0.1	3
41	Delineation of apparent water resistivity and porosity exponent of the Miocene unconsolidated sandstone reservoir of coastal swamp depobelt, Niger Delta, Nigeria. Journal of Sedimentary Environments, 2021, 6, 551.	1.5	3
42	Measurement of Outdoor Ambient Radioactive Radiation and Evaluation of Radiation Indices and Excess Lifetime Cancer Risk within Uyo, Unity Park, Uyo, Nigeria. Journal of Geography Environment and Earth Science International, 2017, 9, 1-9.	0.2	3
43	Hydro-Geoelectric Study of Aquifer Potential in Parts of Ikot Abasi Local Government Area, Akwa Ibom State Using Electrical Resistivity Soundings. Journal of Hydrogeology and Hydrologic Engineering, 2016, 05, .	0.1	3
44	Hydrogeological appraisal of basement and sedimentary terrain in Ogun state using Geoelectrical methods. International Journal of Advanced Geosciences, 2020, 8, 95.	0.1	3
45	Thermophysical and Mechanical Properties of Clay-Based Composites Developed with Hydrothermally Calcined Waste Paper Ash Nanomaterial for Building Purposes. International Journal of Thermophysics, 2022, 43, 1.	2.1	3
46	Hydrothermally-calcined waste paper ash nanomaterial as an alternative to cement for clay soil modification for building purposes. Acta Polytechnica, 2021, 61, 749-761.	0.6	3
47	Electrical Characteristics of Dry Cement " Based Composites Modified with Coconut Husk Ash Nanomaterial. Advances in Materials Science, 2022, 22, 64-77.	1.0	3
48	Evaluation of Reservoir's Petrophysical Parameters, Niger Delta, Nigeria. International Journal of Advanced Geosciences, 2017, 5, 19.	0.1	2
49	Quick Determination of Thermal Conductivity of Thermal Insulators Using a Modified Lee's "Charlton's" Disc Apparatus Technique. International Journal of Thermophysics, 2021, 42, 1.	2.1	2
50	Dielectric properties of Raphia Fiber from Epidermis of young Raphia Vinifera leaflet. Acta Technica Jaurinensis, 0, , .	1.1	2
51	Peat stratigraphy mapping using ground penetration radar and geotechnical engineering implications. International Journal of Advanced Geosciences, 2017, 5, 46.	0.1	1
52	Comparison of Electrical Resistivity of Soots Formed by Combustion of Kerosene, Diesel, Aviation Fuel and their Mixtures. Brilliant Engineering, 2021, 2, 6-10.	0.2	1
53	Overpressure Modelling in High Pressure, High Temperature HP/HT Reservoirs: A Case Study Using Wells and Seismic from Field in Niger Delta. , 2022, , .		1
54	Shale gas potential of Eocene shale of Agbada Formation: a paradigm shift in gas resource perception" a case study of the Niger Delta. Arabian Journal of Geosciences, 2022, 15, .	1.3	1

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55	Integration of Seismic Refraction Tomography (SRT) and Electrical Resistivity Tomography (ERT) to Investigate the Effects of Landslide in Itu L. G. A., Akwa Ibom State, Southern Nigeria. Trends in Applied Sciences Research, 2020, 15, 266-274.	0.4	0
56	Evaluation of seismic attributes for reservoir characterization over Edi field, Niger delta, Nigeria using 3d seismic data. International Journal of Advanced Geosciences, 2020, 8, 168.	0.1	0
57	ASSESSING THE SUSCEPTIBILITY OF STRUCTURAL COLLAPSE USING SEISMIC REFRACTION METHOD. Earth Science Malaysia, 2020, 4, 140-145.	0.1	0
58	Geotechnical Characteristics of Benin Formation, Owerri Imo State, Nigeria. Brilliant Engineering, 2021, 3, 1-5.	0.2	0