

# Kingsley Eghonghon Ukhurebor

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

960  
citations

623188

14  
h-index

476904

29  
g-index

52  
all docs

52  
docs citations

52  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate condition monitoring and automated systems. , 2022, , 437-447.		2
2	Precision agriculture: Weather forecasting for future farming. , 2022, , 101-121.		8
3	Sensing the Presence of Inorganic Ions in Water: The Use of Electrochemical Sensors. Engineering Materials, 2022, , 65-89.	0.3	1
4	Photoelectrochemical Application of Nanomaterials. Engineering Materials, 2022, , 121-153.	0.3	1
5	Electrochemical Detection of Heavy Metals. Engineering Materials, 2022, , 25-63.	0.3	0
6	Electrode Materials for Pharmaceuticals Determination. Engineering Materials, 2022, , 155-185.	0.3	1
7	Biosensing Applications of Electrode Materials. Engineering Materials, 2022, , 187-231.	0.3	4
8	A Methodical Review on the Applications and Potentialities of Using Nanobiosensors for Disease Diagnosis. BioMed Research International, 2022, 2022, 1-20.	0.9	18
9	A Facile Review on the Sorption of Heavy Metals and Dyes Using Bionanocomposites. Adsorption Science and Technology, 2022, 2022, .	1.5	28
10	A Methodical Review on Carbon-Based Nanomaterials in Energy-Related Applications. Adsorption Science and Technology, 2022, 2022, .	1.5	22
11	An Overview of the Emergence and Challenges of Land Reclamation: Issues and Prospect. Applied and Environmental Soil Science, 2022, 2022, 1-14.	0.8	11
12	Development of a Wireless Sensor Network and IoT-based Smart Irrigation System. Applied and Environmental Soil Science, 2022, 2022, 1-13.	0.8	11
13	Measuring the velocity profile of spinning particles and its impact on Cr(VI) sequestration. Chemical Engineering and Processing: Process Intensification, 2022, 178, 109013.	1.8	2
14	Application of Biosensor for the Identification of Various Pathogens and Pests Mitigating Against the Agricultural Production: Recent Advances. Concepts and Strategies in Plant Sciences, 2021, , 169-189.	0.6	9
15	Climate Change and Pesticides: Their Consequence on Microorganisms. Microorganisms for Sustainability, 2021, , 83-113.	0.4	11
16	A comprehensive review on the applications of nano-biosensor-based approaches for non-communicable and communicable disease detection. Biomaterials Science, 2021, 9, 3576-3602.	2.6	45
17	Artificial Intelligence and Internet of Things in Instrumentation and Control in Waste Biodegradation Plants: Recent Developments. Microorganisms for Sustainability, 2021, , 265-279.	0.4	1
18	A Critical Review of Microbial Transport in Effluent Waste and Sewage Sludge Treatment. Microorganisms for Sustainability, 2021, , 217-238.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Recent Trends in Utilization of Biotechnological Tools for Environmental Sustainability. Microorganisms for Sustainability, 2021, , 239-263.	0.4	4
20	Influence of the SARS-CoV-2 pandemic: a review from the climate change perspective. Environmental Sciences: Processes and Impacts, 2021, 23, 1060-1078.	1.7	31
21	Nanoinformatics: Opportunities and challenges in the development and delivery of healthcare products in developing countries. IOP Conference Series: Earth and Environmental Science, 2021, 655, 012018.	0.2	4
22	Big data analytics: A single window IoT-enabled climate variability system for all-year-round vegetable cultivation. IOP Conference Series: Earth and Environmental Science, 2021, 655, 012030.	0.2	12
23	Effect of hexavalent chromium on the environment and removal techniques: A review. Journal of Environmental Management, 2021, 280, 111809.	3.8	169
24	Optical Properties of Copper-Zinc Sulphide Network from Mixed Single Solid Source Precursors of Copper and Zinc Dithiocarbamates. Walailak Journal of Science and Technology, 2021, 18, .	0.5	3
25	Facile synthesis and applications of carbon nanotubes in heavy-metal remediation and biomedical fields: A comprehensive review. Journal of Molecular Structure, 2021, 1238, 130462.	1.8	72
26	Environmental implications of petroleum spillages in the Niger Delta region of Nigeria: A review. Journal of Environmental Management, 2021, 293, 112872.	3.8	45
27	Malachite Green Removal by Activated Potassium Hydroxide Clove Leaf Agrowaste Biosorbent: Characterization, Kinetic, Isotherm, and Thermodynamic Studies. Adsorption Science and Technology, 2021, 2021, 1-15.	1.5	23
28	Fly ash-based adsorbent for adsorption of heavy metals and dyes from aqueous solution: a review. Journal of Materials Research and Technology, 2021, 14, 2751-2774.	2.6	127
29	Recent Advances in Application of Microbial Enzymes for Biodegradation of Waste and Hazardous Waste Material. Microorganisms for Sustainability, 2021, , 35-56.	0.4	3
30	Relevance of Biosensor in Climate Smart Organic Agriculture and Their Role in Environmental Sustainability: What Has Been Done and What We Need to Do?. Concepts and Strategies in Plant Sciences, 2021, , 115-136.	0.6	15
31	A systematic review on the detection and monitoring of toxic gases using carbon nanotube-based biosensors. Sensing and Bio-Sensing Research, 2021, 34, 100463.	2.2	27
32	The influence of climate change on food innovation technology: review on topical developments and legal framework. Agriculture and Food Security, 2021, 10, .	1.6	15
33	Removal of fluoride ions using a polypyrrole magnetic nanocomposite influenced by a rotating magnetic field. RSC Advances, 2020, 10, 595-609.	1.7	50
34	Analyzing the uncertainties between reanalysis meteorological data and ground measured meteorological data. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108110.	2.5	23
35	Knowledge Discovery and Analytics in Process Reengineering: A Study of Port Clearance Processes. , 2020, , .		1
36	Nanoinformatics: Why Design of Projects on Nanomedicine Development and Clinical Applications may fail?. , 2020, , .		10

#	ARTICLE	IF	CITATIONS
37	Nexus Between Climate Change and Food Innovation Technology: Recent Advances. , 2020, , 289-299.		6
38	Estimation of the refractivity gradient from measured essential climate variables in Iyamho-Auchi, Edo State, South-South Region of Nigeria. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 19, 276.	0.7	15
39	Evaluation of the Effects of some Weather Variables on UHF and VHF Receivers within Benin City, South-South Region of Nigeria. Journal of Physics: Conference Series, 2019, 1299, 012052.	0.3	13
40	Review of methodology to obtain parameters for radio wave propagation at low altitudes from meteorological data: New results for Auchi area in Edo State, Nigeria. Journal of King Saud University - Science, 2019, 31, 1445-1451.	1.6	28
41	Evaluation of Electromagnetic Fields from Power Lines in Irrua, Edo State, Nigeria. Journal of Scientific Research and Reports, 2019, 22, 1-7.	0.2	1
42	Interference Cancellation by Regenerated Signals in Cellular Network System. Journal of Scientific Research and Reports, 2019, 22, 1-9.	0.2	0
43	Influence of Meteorological Variables on UHF Radio Signal: Recent Findings for EBS, Benin City, South-South, Nigeria. IOP Conference Series: Earth and Environmental Science, 2018, 173, 012017.	0.2	17
44	Variation in annual rainfall data of forty years (1978-2017) for south-south, Nigeria. Journal of Applied Sciences and Environmental Management, 2018, 22, 511.	0.1	14
45	The Influence of Air Temperature on the Dew Point Temperature in Benin City, Nigeria. Journal of Applied Sciences and Environmental Management, 2017, 21, 657.	0.1	5
46	Relationship between relative humidity and the dew point temperature in Benin City, Nigeria. Journal of Applied Sciences and Environmental Management, 2017, 21, 953.	0.1	4
47	A Cost Effective Weather Monitoring Device. Archives of Current Research International, 2017, 7, 1-9.	0.2	13
48	Investigation of Field Induced Effect of High Voltage Transmission Line in Calabar South, Nigeria. Physical Science International Journal, 2017, 15, 1-9.	0.3	0
49	The Role of Biosensor in Climate Smart Organic Agriculture toward Agricultural and Environmental Sustainability. , 0, , .		9
50	Bionanomaterials for biosensor technology. , 0, , .		8
51	Wireless Sensor Networks: Applications and Challenges. , 0, , .		6