Kingsley Eghonghon Ukhurebor

List of Publications by Year
in descending order

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	Effect of hexavalent chromium on the environment and removal techniques: A review. Journal of Environmental Management, 2021, 280, 111809.	3.8	169
2	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
3	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
4	Removal of fluoride ions using a polypyrrole magnetic nanocomposite influenced by a rotating magnetic field. RSC Advances, 2020, 10, 595-609.	1.7	50
5	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
6	Environmental implications of petroleum spillages in the Niger Delta region of Nigeria: A review. Journal of Environmental Management, 2021, 293, 112872.	3.8	45
7	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
8	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
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 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
11	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
12	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
13	A Methodical Review on Carbon-Based Nanomaterials in Energy-Related Applications. Adsorption Science and Technology, 2022, 2022, .	1.5	22
14	A Methodical Review on the Applications and Potentialities of Using Nanobiosensors for Disease Diagnosis. BioMed Research International, 2022, 2022, 1-20.	0.9	18
15	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
16	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
17	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
18	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

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19	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
20	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
21	A Cost Effective Weather Monitoring Device. Archives of Current Research International, 2017, 7, 1-9.	0.2	13
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	Climate Change and Pesticides: Their Consequence on Microorganisms. Microorganisms for Sustainability, 2021, , 83-113.	0.4	11
24	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
25	Development of a Wireless Sensor Network and IoT-based Smart Irrigation System. Applied and Environmental Soil Science, 2022, 2022, 1-13.	0.8	11
26	Nanoinformatics: Why Design of Projects on Nanomedicine Development and Clinical Applications may fail?. , 2020, , .		10
27	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
28	A Critical Review of Microbial Transport in Effluent Waste and Sewage Sludge Treatment. Microorganisms for Sustainability, 2021, , 217-238.	0.4	9
29	The Role of Biosensor in Climate Smart Organic Agriculture toward Agricultural and Environmental Sustainability. , 0, , .		9
30	Bionanomaterials for biosensor technology. , 0, , .		8
31	Precision agriculture: Weather forecasting for future farming. , 2022, , 101-121.		8
32	Wireless Sensor Networks: Applications and Challenges. , 0, , .		6
33	Nexus Between Climate Change and Food Innovation Technology: Recent Advances. , 2020, , 289-299.		6
34	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
35	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
36	Recent Trends in Utilization of Biotechnological Tools for Environmental Sustainability. Microorganisms for Sustainability, 2021, , 239-263.	0.4	4

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37	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
38	Biosensing Applications of Electrode Materials. Engineering Materials, 2022, , 187-231.	0.3	4
39	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
40	Recent Advances in Application of Microbial Enzymes for Biodegradation ofÂWaste and Hazardous Waste Material. Microorganisms for Sustainability, 2021, , 35-56.	0.4	3
41	Climate condition monitoring and automated systems. , 2022, , 437-447.		2
42	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
43	Knowledge Discovery and Analytics in Process Reengineering: A Study of Port Clearance Processes. , 2020, , .		1
44	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
45	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
46	Sensing the Presence of Inorganic Ions in Water: The Use of Electrochemical Sensors. Engineering Materials, 2022, , 65-89.	0.3	1
47	Photoelectrochemical Application of Nanomaterials. Engineering Materials, 2022, , 121-153.	0.3	1
48	Electrode Materials for Pharmaceuticals Determination. Engineering Materials, 2022, , 155-185.	0.3	1
49	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
50	Interference Cancellation by Regenerated Signals in Cellular Network System. Journal of Scientific Research and Reports, 2019, 22, 1-9.	0.2	0
51	Electrochemical Detection of Heavy Metals. Engineering Materials, 2022, , 25-63.	0.3	0