

Wilson Nwankwo

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

328
citations

1162367

8
h-index

940134

16
g-index

38
all docs

38
docs citations

38
times ranked

142
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	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
3	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
4	Effects of some meteorological variables on cassava production in Edo State, Nigeria via density estimation. Scientific African, 2021, 13, e00852.	0.7	13
5	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
6	Interactive Advising with Bots: Improving Academic Excellence in Educational Establishments. American Journal of Operations Management and Information Systems, 2018, 3, 6.	0.1	12
7	Nanoinformatics: Why Design of Projects on Nanomedicine Development and Clinical Applications may fail?. , 2020, , .		10
8	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
9	A Critical Review of Microbial Transport in Effluent Waste and Sewage Sludge Treatment. Microorganisms for Sustainability, 2021, , 217-238.	0.4	9
10	Sustainable Development in Developing Societies: The Place of ICT-driven Computer Education. International Journal of Emerging Technologies in Learning, 2020, 15, 290.	0.8	7
11	A Review of Critical Security Challenges in SQL-based and NoSQL Systems from 2010 to 2019. International Journal of Advanced Trends in Computer Science and Engineering, 2020, 9, 2029-2035.	0.6	7
12	Predicting Mobile Portability Across Telecommunication Networks Using the Integrated-KLR. International Journal of Intelligent Information Technologies, 2021, 17, 1-13.	0.5	5
13	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
14	Cloud-Based Virtual Organization Framework for Optimizing Corporate Value Chain. International Journal of Discrete Mathematics, 2018, 3, 11.	0.2	4
15	Recent Advances in Application of Microbial Enzymes for Biodegradation of Waste and Hazardous Waste Material. Microorganisms for Sustainability, 2021, , 35-56.	0.4	3
16	Implementing Automated Power Outlet Distribution Control System using Electronic Wastes. International Journal of Advanced Research in Computer and Communication Engineering, 2018, 7, 13-18.	0.1	3
17	Enhancing Learning Systems using Interactive Intelligent components. International Journal of Advanced Trends in Computer Science and Engineering, 2020, 9, 3390-3397.	0.6	3
18	Recent Advances in the Utilization of Bioengineered Plant-Based Nanoparticles. , 2021, , 149-166.		2

#	ARTICLE	IF	CITATIONS
19	Green Computing: A Machinery for Sustainable Development in the Post-Covid Era. , 0, , .		2
20	Investigating the Performance of Point to Multipoint Microwave Connectivity across Undulating Landscape during Rainfall. Journal of the Nigerian Society of Physical Sciences, 0, , 103-115.	0.0	2
21	Assessment of Open Educational Resources in Tertiary Institutions: The Computerized Information Model. Communications, 2017, 5, 58.	0.3	2
22	Nanomaterials: Applications in Biomedicine and Biotechnology. , 2020, , 1-18.		2
23	Nanomaterials from Marine Environments: An Overview. , 2020, , 1-18.		2
24	A new family of kernels from the beta polynomial kernels with applications in density estimation. International Journal of Advances in Intelligent Informatics, 2020, 6, 235.	0.8	2
25	Knowledge Discovery and Analytics in Process Reengineering: A Study of Port Clearance Processes. , 2020, , .		1
26	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
27	Potential Agrifood Applications of Novel and Sustainable Nanomaterials: An Ecofriendly Approach. , 2020, , 1-17.		1
28	X-ray Cargo Scanning and Risk Management in Trade Facilitation: Analysis & Model of an Online Imaging and Documentation Management System. International Journal of Modern Education and Computer Science, 2019, 11, 10-23.	2.4	1
29	Enterprise-Strength Internet Connectivity in the Orkney Islands. Science Journal of Circuits Systems and Signal Processing, 2018, 7, 8.	0.1	1
30	Extending Affordable Reliable Broadband Internet to Educational Institutions in Edo State. Internet of Things and Cloud Computing, 2018, 6, 1.	0.6	1
31	Boosting Self-Sufficiency in Maize Crop Production in Osisioma Ngwa Local Government With Internet of Things (IoT) - Climate Messaging: A Model. SSRN Electronic Journal, 2019, , .	0.4	0
32	An Object-based Model for Assessment of Quality of Teaching in Institutions of Higher Learning in Nigeria: A Case of the Federal University of Technology Owerri. International Journal of Engineering Research & Technology, 2015, V4, .	0.2	0
33	Implementing Automated Power Outlet Distribution Control System Using Electronic Wastes. SSRN Electronic Journal, 0, , .	0.4	0
34	Research and Development in Agricultural Sciences Vol. 2. , 2020, , .		0