

Helen Onyeaka

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,032
citations

236612

25
h-index

276539

41
g-index

71
all docs

71
docs citations

71
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 pandemic: A review of the global lockdown and its far-reaching effects. <i>Science Progress</i> , 2021, 104, 003685042110198.	1.0	301
2	Microbial fuel cells, a renewable energy technology for bio-electricity generation: A mini-review. <i>Electrochemistry Communications</i> , 2021, 125, 107003.	2.3	165
3	Minimizing carbon footprint via microalgae as a biological capture. <i>Carbon Capture Science & Technology</i> , 2021, 1, 100007.	4.9	103
4	Effects of co-inoculation and sequential inoculation of <i>Tetragenococcus halophilus</i> and <i>Zygosaccharomyces rouxii</i> on soy sauce fermentation. <i>Food Chemistry</i> , 2018, 240, 1-8.	4.2	92
5	The safety of nanomaterials in food production and packaging. <i>Current Research in Food Science</i> , 2022, 5, 763-774.	2.7	71
6	Further studies related to the scale-up of high cell density <i>Escherichia coli</i> fed-batch fermentations. <i>Biotechnology and Bioengineering</i> , 2003, 84, 474-484.	1.7	68
7	Carbon capture technologies for climate change mitigation: A bibliometric analysis of the scientific discourse during 1998-2018. <i>Energy Reports</i> , 2020, 6, 1200-1212.	2.5	66
8	Critical evaluation of methylcellulose as an alternative medium in sperm migration tests. <i>Human Reproduction</i> , 2002, 17, 143-149.	0.4	59
9	Anaerobic digestion: Technology for biogas production as a source of renewable energy – A review. <i>Energy and Environment</i> , 2021, 32, 191-225.	2.7	46
10	A general review on the use of advanced oxidation and adsorption processes for the removal of furfural from industrial effluents. <i>Microporous and Mesoporous Materials</i> , 2022, 331, 111638.	2.2	46
11	A review on the advancements in the development of vaccines to combat coronavirus disease 2019. <i>Clinical and Experimental Vaccine Research</i> , 2021, 10, 6.	1.1	45
12	A comparison of high cell density fed-batch fermentations involving both induced and non-induced recombinant <i>Escherichia coli</i> under well-mixed small-scale and simulated poorly mixed large-scale conditions. <i>Biotechnology and Bioengineering</i> , 2007, 96, 495-505.	1.7	44
13	Current Research and Applications of Starch-Based Biodegradable Films for Food Packaging. <i>Polymers</i> , 2022, 14, 1126.	2.0	44
14	Current State of Indoor Air Phytoremediation Using Potted Plants and Green Walls. <i>Atmosphere</i> , 2021, 12, 473.	1.0	43
15	Low coverage of COVID-19 vaccines in Africa: current evidence and the way forward. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-5.	1.4	37
16	The burden of monkeypox virus amidst the Covid-19 pandemic in Africa: A double battle for Africa. <i>Annals of Medicine and Surgery</i> , 2022, 80, .	0.5	37
17	Microorganisms and food safety risks associated with indigenous fermented foods from Africa. <i>Food Control</i> , 2021, 129, 108227.	2.8	35
18	Neurological disorders in HIV: Hope despite challenges. <i>Immunity, Inflammation and Disease</i> , 2022, 10, .	1.3	35

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19	Threats and outbreaks of cholera in Africa amidst COVID-19 pandemic: a double burden on Africa's health systems. <i>Tropical Medicine and Health</i> , 2021, 49, 93.	1.0	34
20	Conversion of carbon dioxide into fuels—A review. <i>Journal of CO2 Utilization</i> , 2022, 62, 102099.	3.3	33
21	The understanding of Parkinson's disease through genetics and new therapies. <i>Brain and Behavior</i> , 2022, 12, e2577.	1.0	31
22	The syndemic burden of HIV/AIDS in Africa amidst the COVID-19 pandemic. <i>Immunity, Inflammation and Disease</i> , 2022, 10, 26-32.	1.3	30
23	COVID-19 vaccine rollout: will it affect the rates of vaccine hesitancy in Africa?. <i>Public Health</i> , 2021, 197, e18-e19.	1.4	29
24	Lassa fever amidst the COVID-19 pandemic in Africa: A rising concern, efforts, challenges, and future recommendations. <i>Journal of Medical Virology</i> , 2021, 93, 6433-6436.	2.5	28
25	Bird flu outbreak amidst COVID-19 pandemic in South Africa: Efforts and challenges at hand. <i>Journal of Medical Virology</i> , 2021, 93, 5676-5679.	2.5	27
26	Recent Advances in the Application of the Antimicrobial Peptide Nisin in the Inactivation of Spore-Forming Bacteria in Foods. <i>Molecules</i> , 2021, 26, 5552.	1.7	27
27	Rift Valley fever during the COVID-19 pandemic in Africa: A double burden for Africa's healthcare system. <i>Health Science Reports</i> , 2022, 5, e468.	0.6	27
28	Measles crisis in Africa amidst the COVID-19 pandemic: Delayed measles vaccine administration may cause a measles outbreak in Africa. <i>Journal of Medical Virology</i> , 2021, 93, 5697-5699.	2.5	24
29	Crimean-Congo haemorrhagic fever during the COVID-19 pandemic in Africa: Efforts, recommendations and challenges at hand. <i>African Journal of Emergency Medicine</i> , 2022, 12, 117-120.	0.4	23
30	Ebola virus outbreak returns to the Democratic Republic of Congo: An urgent rising concern. <i>Annals of Medicine and Surgery</i> , 2022, 79, .	0.5	22
31	Dengue fever outbreak in Cook Island: A rising concern, efforts, challenges, and future recommendations. <i>Journal of Medical Virology</i> , 2021, 93, 6073-6076.	2.5	21
32	The rising incidence of African swine fever during the COVID-19 pandemic in Africa: Efforts, challenges and recommendations. <i>International Journal of Health Planning and Management</i> , 2022, 37, 561-567.	0.7	21
33	Russia-Ukraine conflict and COVID-19: a double burden for Ukraine's healthcare system and a concern for global citizens. <i>Postgraduate Medical Journal</i> , 2022, 98, 569-571.	0.9	20
34	Bioenergy from bio-waste: a bibliometric analysis of the trend in scientific research from 1998 to 2018. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 1077-1092.	2.9	19
35	A Cold Plasma Technology for Ensuring the Microbiological Safety and Quality of Foods. <i>Food Engineering Reviews</i> , 2022, 14, 535-554.	3.1	19
36	Latent heat thermal energy storage: A bibliometric analysis explicating the paradigm from 2000 to 2019. <i>Journal of Energy Storage</i> , 2021, 33, 102027.	3.9	18

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37	Application of supercritical fluid carbon dioxide in improving food shelf-life and safety by inactivating spores: a review. <i>Journal of Food Science and Technology</i> , 2022, 59, 417-428.	1.4	18
38	The deuce-ace of Lassa Fever, Ebola virus disease and COVID-19 simultaneous infections and epidemics in West Africa: clinical and public health implications. <i>Tropical Medicine and Health</i> , 2021, 49, 102.	1.0	17
39	Food fraud in insecure times: challenges and opportunities for reducing food fraud in Africa. <i>Trends in Food Science and Technology</i> , 2022, 125, 26-32.	7.8	17
40	Improving Food Safety Culture in Nigeria: A Review of Practical Issues. <i>Foods</i> , 2021, 10, 1878.	1.9	16
41	Poliomyelitis amidst the COVID-19 pandemic in Africa: Efforts, challenges and recommendations. <i>Clinical Epidemiology and Global Health</i> , 2022, 16, 101073.	0.9	14
42	A review of recent advances in engineering bacteria for enhanced CO2 capture and utilization. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 4635-4648.	1.8	14
43	Prospect of acute hepatitis E virus outbreak in the context of the COVID-19 Pandemic in Africa: A contingency plan. <i>Annals of Medicine and Surgery</i> , 2022, 79, .	0.5	13
44	Sous vide processing: a viable approach for the assurance of microbial food safety. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 3503-3512.	1.7	12
45	Application of Ultrasound Technology in Food Processing with emphasis on bacterial spores. <i>Food Reviews International</i> , 2023, 39, 3663-3675.	4.3	12
46	Fighting Tuberculosis in Africa: The Current Situation Amidst the COVID-19 Pandemic. <i>Disaster Medicine and Public Health Preparedness</i> , 2022, 16, 2302-2304.	0.7	12
47	Materials for the design and construction of household biogas digesters for biogas production: A review. <i>International Journal of Energy Research</i> , 2021, 45, 3761-3779.	2.2	10
48	Comparative Study on the Performance of Aboveground and Underground Fixedâ€Dome Biogas Digesters. <i>Chemical Engineering and Technology</i> , 2020, 43, 68-74.	0.9	9
49	Eggshell and Seashells Biomaterials Sorbent for Carbon Dioxide Capture. , 0, , .		8
50	Microbiological hazards associated with food products imported from the Asia-Pacific region based on analysis of the rapid alert system for food and feed (RASFF) notifications. <i>Food Control</i> , 2021, 129, 108243.	2.8	8
51	Current Context of Pneumonia Amidst the COVID-19 Pandemic in Africa. <i>Journal of Contemporary Studies in Epidemiology and Public Health</i> , 2021, 2, ep21007.	0.1	7
52	The effect of low-temperature long-time (LTLT) cooking on survival of potentially pathogenic <i>Clostridium perfringens</i> in beef. <i>International Journal of Food Microbiology</i> , 2020, 320, 108540.	2.1	6
53	Measles in Afghan refugees: Challenges, efforts and recommendations. <i>Clinical Epidemiology and Global Health</i> , 2022, 14, 100980.	0.9	5
54	SARS-CoV-2 variants and pregnant Women: A cause for Concern?. <i>Vaccine: X</i> , 2022, 11, 100185.	0.9	5

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55	Mathematical modeling for thermally treated vacuum-packaged foods: A review on sous vide processing. <i>Trends in Food Science and Technology</i> , 2022, 126, 73-85.	7.8	5
56	Strategies to Mitigate the Impact of COVID-19 on Food Security and Malnutrition in Nigeria. <i>European Journal of Nutrition & Food Safety</i> , 0, , 103-109.	0.2	4
57	The second wave of COVID-19 hits Nepal: Burden for Nepal's healthcare system. <i>Health Science Reports</i> , 2021, 4, e371.	0.6	4
58	Improving access to maternal care in Africa through telemedicine and digital health. <i>International Journal of Health Planning and Management</i> , 2022, , .	0.7	4
59	Colombia protests amidst the COVID-19 pandemic: implications and recommendations. <i>Medicine, Conflict and Survival</i> , 2022, , 1-6.	0.3	3
60	The impact of socio-economic indicators on COVID-19: an empirical multivariate analysis of sub-Saharan African countries. <i>Journal of Social and Economic Development</i> , 2022, 24, 493-510.	0.6	3
61	The use of Ivermectin for the treatment of COVID-19: Panacea or enigma?. <i>Clinical Epidemiology and Global Health</i> , 2022, 16, 101074.	0.9	3
62	Antibacterial and antibiofilm effects of garlic (<i>Allium sativum</i>), ginger (<i>Zingiber officinale</i>) and mint (<i>Mentha piperta</i>) on <i>Escherichia coli</i> biofilms. <i>Food Science and Applied Biotechnology</i> , 2021, 4, 166.	0.2	2
63	Nyiragongo Volcano's Eruption Amidst the COVID-19 Pandemic in the Democratic Republic of Congo: A Crisis Within a Crisis. <i>Disaster Medicine and Public Health Preparedness</i> , 2022, 16, 1745-1746.	0.7	2
64	Some phytochemical and functional properties of Pawpaw (<i>Carica papaya</i> L.) leaf protein concentrates obtained from three locations in Benin City, Edo State, Nigeria. <i>Vegetos</i> , 2022, 35, 1063-1068.	0.8	2
65	Modular bio-refinery simulation of <i>Nesogordonia papaverifera</i> by fast pyrolysis (FP): a focus on bio-oil enhancement. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 2655-2665.	2.9	1
66	Pneumonia amidst the COVID-19 pandemic in Africa: Challenges and possible solutions. <i>Health Science Reports</i> , 2022, 5, e493.	0.6	1
67	Food fraud amid COVID-19 in Sub-Saharan Africa: A challenge of the present. <i>Public Health in Practice</i> , 2022, 3, 100234.	0.7	1
68	New Model High Temperature Pasting Analysis of Fermented Cassava Granules. <i>Fermentation</i> , 2022, 8, 89.	1.4	1
69	Do we trust the government? Attributes of COVID-19 vaccine hesitancy and acceptance in Nigeria. <i>AIMS Medical Science</i> , 2022, 9, 268-282.	0.2	1
70	Acquired Antimicrobial Resistance Genes of <i>Escherichia coli</i> Obtained from Nigeria: In silico Genome Analysis. <i>Journal of Food Quality and Hazards Control</i> , 0, , .	0.1	0