

# Julius N Fobil

## List of Publications by Citations

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86  
papers

3,036  
citations

23  
h-index

54  
g-index

94  
ext. papers

4,038  
ext. citations

4.7  
avg, IF

4.83  
L-index

#	Paper	IF	Citations
86	The Lancet Commission on pollution and health. <i>Lancet, The</i> , <b>2018</b> , 391, 462-512	40	1639
85	Mobile phone-based mHealth approaches for public health surveillance in sub-Saharan Africa: a systematic review. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 11559-82	4.6	88
84	Integrated assessment of artisanal and small-scale gold mining in Ghana--part 1: human health review. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 5143-76	4.6	81
83	High levels of PAH-metabolites in urine of e-waste recycling workers from Agbogbloshie, Ghana. <i>Science of the Total Environment</i> , <b>2014</b> , 466-467, 369-76	10.2	76
82	Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans (PCDD/Fs) and biphenyls (PCBs) in blood of informal e-waste recycling workers from Agbogbloshie, Ghana, and controls. <i>Environment International</i> , <b>2015</b> , 79, 65-73	12.9	70
81	Online access by adolescents in Accra: Ghanaian teens' use of the internet for health information. <i>Developmental Psychology</i> , <b>2006</b> , 42, 450-8	3.7	70
80	Multiple elemental exposures amongst workers at the Agbogbloshie electronic waste (e-waste) site in Ghana. <i>Chemosphere</i> , <b>2016</b> , 164, 68-74	8.4	69
79	The influence of institutions and organizations on urban waste collection systems: an analysis of waste collection system in Accra, Ghana (1985-2000). <i>Journal of Environmental Management</i> , <b>2008</b> , 86, 262-71	7.9	55
78	Working conditions and environmental exposures among electronic waste workers in Ghana. <i>International Journal of Occupational and Environmental Health</i> , <b>2013</b> , 19, 278-86		50
77	Modeling the relationship between precipitation and malaria incidence in children from a holoendemic area in Ghana. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2011</b> , 84, 285-91	3.2	50
76	Heart Rate, Stress, and Occupational Noise Exposure among Electronic Waste Recycling Workers. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	48
75	Pilot study on the internal exposure to heavy metals of informal-level electronic waste workers in Agbogbloshie, Accra, Ghana. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 3097-3107	5.1	44
74	Deconstructing "malaria": West Africa as the next front for dengue fever surveillance and control. <i>Acta Tropica</i> , <b>2014</b> , 134, 58-65	3.2	44
73	Health seeking behaviours among electronic waste workers in Ghana. <i>BMC Public Health</i> , <b>2015</b> , 15, 10654	4.1	40
72	Accumulation of Heavy Metals and Metalloid in Foodstuffs from Agricultural Soils around Tarkwa Area in Ghana, and Associated Human Health Risks. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 8811-27	4.6	32
71	Evidence of recent dengue exposure among malaria parasite-positive children in three urban centers in Ghana. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 92, 497-500	3.2	27
70	Molecular Epidemiology and Antibiotic Susceptibility of <i>Vibrio cholerae</i> Associated with a Large Cholera Outbreak in Ghana in 2014. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004751	4.8	26

69	Informal processing of electronic waste at Agbogbloshie, Ghana: workers knowledge about associated health hazards and alternative livelihoods. <i>Global Health Promotion</i> , <b>2017</b> , 24, 90-98	1.4	25
68	Severe dioxin-like compound (DLC) contamination in e-waste recycling areas: An under-recognized threat to local health. <i>Environment International</i> , <b>2020</b> , 139, 105731	12.9	25
67	Systemic bacteraemia in children presenting with clinical pneumonia and the impact of non-typhoid salmonella (NTS). <i>BMC Infectious Diseases</i> , <b>2010</b> , 10, 319	4	25
66	Source characterization and risk of exposure to atmospheric polychlorinated biphenyls (PCBs) in Ghana. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 16316-16324	5.1	24
65	Mapping urban malaria and diarrhea mortality in Accra, Ghana: evidence of vulnerabilities and implications for urban health policy. <i>Journal of Urban Health</i> , <b>2012</b> , 89, 977-91	5.8	24
64	Prevention-intervention strategies to reduce exposure to e-waste. <i>Reviews on Environmental Health</i> , <b>2018</b> , 33, 219-228	3.8	23
63	Prevalence of malaria parasitaemia in school children from two districts of Ghana earmarked for indoor residual spraying: a cross-sectional study. <i>Malaria Journal</i> , <b>2015</b> , 14, 260	3.6	22
62	Effect of Particulate Matter Exposure on Respiratory Health of e-Waste Workers at Agbogbloshie, Accra, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	20
61	Assessing the relationship between socioeconomic conditions and urban environmental quality in Accra, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2010</b> , 7, 125-45	4.6	20
60	Derivation of Time-Activity Data Using Wearable Cameras and Measures of Personal Inhalation Exposure among Workers at an Informal Electronic-Waste Recovery Site in Ghana. <i>Annals of Work Exposures and Health</i> , <b>2019</b> , 63, 829-841	2.4	18
59	Solid medical waste: a cross sectional study of household disposal practices and reported harm in Southern Ghana. <i>BMC Public Health</i> , <b>2017</b> , 17, 464	4.1	16
58	Evaluation of municipal solid wastes (MSW) for utilisation in energy production in developing countries. <i>International Journal of Environmental Technology and Management</i> , <b>2005</b> , 5, 76	0.6	16
57	Neighborhood urban environmental quality conditions are likely to drive malaria and diarrhea mortality in Accra, Ghana. <i>Journal of Environmental and Public Health</i> , <b>2011</b> , 2011, 484010	2.6	15
56	Processes and Challenges associated with informal electronic waste recycling at Agbogbloshie, a suburb of Accra, Ghana. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2019</b> , 63, 938-942	0.4	15
55	Atmospheric monitoring of organochlorine pesticides across some West African countries. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 31828-31835	5.1	14
54	High uptake of Intermittent Preventive Treatment of malaria in pregnancy is associated with improved birth weight among pregnant women in Ghana. <i>Scientific Reports</i> , <b>2019</b> , 9, 19034	4.9	14
53	Informal e-waste recycling and plasma levels of non-dioxin-like polychlorinated biphenyls (NDL-PCBs) - A cross-sectional study at Agbogbloshie, Ghana. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 138073	10.2	14
52	An assessment of government policy response to HIV/AIDS in Ghana. <i>Sahara J</i> , <b>2006</b> , 3, 457-65	1.9	13

51	Occupational and Environmental Health Risks Associated with Informal Sector Activities-Selected Case Studies from West Africa. <i>New Solutions</i> , <b>2016</b> , 26, 253-70	1	13
50	Health Consequences for E-Waste Workers and Bystanders-A Comparative Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	11
49	A mobile phone based tool to identify symptoms of common childhood diseases in Ghana: development and evaluation of the integrated clinical algorithm in a cross-sectional study. <i>BMC Medical Informatics and Decision Making</i> , <b>2018</b> , 18, 23	3.6	11
48	A Way Forward for Healthcare in Madagascar?. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62 Suppl 1, S76-9	11.6	11
47	Arsenic burden in e-waste recycling workers - A cross-sectional study at the Agbogbloshie e-waste recycling site, Ghana. <i>Chemosphere</i> , <b>2020</b> , 261, 127712	8.4	11
46	Air Quality Impacts at an E-Waste Site in Ghana Using Flexible, Moderate-Cost and Quality-Assured Measurements. <i>GeoHealth</i> , <b>2020</b> , 4, e2020GH000247	5	11
45	Scarification in sub-Saharan Africa: social skin, remedy and medical import. <i>Tropical Medicine and International Health</i> , <b>2017</b> , 22, 708-715	2.3	9
44	Environmental health risks and benefits of the use of mosquito coils as malaria prevention and control strategy. <i>Malaria Journal</i> , <b>2018</b> , 17, 265	3.6	8
43	Urban Municipal Solid Waste management: Modeling air pollution scenarios and health impacts in the case of Accra, Ghana. <i>Waste Management</i> , <b>2021</b> , 123, 15-22	8.6	8
42	Environmental Heavy Metal Contamination from Electronic Waste (E-Waste) Recycling Activities Worldwide: A Systematic Review From 2005 to 2017. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	8
41	Spatial heterogeneity of malaria in Ghana: a cross-sectional study on the association between urbanicity and the acquisition of immunity. <i>Malaria Journal</i> , <b>2016</b> , 15, 84	3.6	7
40	A PRELIMINARY ASSESSMENT OF PHYSICAL WORK EXPOSURES AMONG ELECTRONIC WASTE WORKERS AT AGBOGBLOSHIE, ACCRA GHANA. <i>International Journal of Industrial Ergonomics</i> , <b>2021</b> , 82, 103096-103096	2.9	7
39	Micronutrient-rich dietary intake is associated with a reduction in the effects of particulate matter on blood pressure among electronic waste recyclers at Agbogbloshie, Ghana. <i>BMC Public Health</i> , <b>2020</b> , 20, 1067	4.1	6
38	Spatiality in Health: The Distribution of Health Conditions Associated with Electronic Waste Processing Activities at Agbogbloshie, Accra. <i>Annals of Global Health</i> , <b>2020</b> , 86, 31	3.3	5
37	E-Waste in Africa: A Serious Threat to the Health of Children. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	5
36	Mathematical modeling of COVID-19 infection dynamics in Ghana: Impact evaluation of integrated government and individual level interventions. <i>Infectious Disease Modelling</i> , <b>2021</b> , 6, 381-397	15.7	5
35	Screening for retroviruses and hepatitis viruses using dried blood spots reveals a high prevalence of occult hepatitis B in Ghana. <i>Therapeutic Advances in Infectious Disease</i> , <b>2019</b> , 6, 2049936119851464	2.8	4
34	Structured identification of response options to address environmental health risks at the Agbogbloshie electronic waste site. <i>Integrated Environmental Assessment and Management</i> , <b>2017</b> , 13, 980-991	2.5	4

33	Urbanicity and Paediatric Bacteraemia in Ghana-A Case-Control Study within a Rural-Urban Transition Zone. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139433	3.7	4
32	Minimising invasiveness in diagnostics: developing a rapid urine-based monoclonal antibody dipstick test for malaria. <i>Tropical Medicine and International Health</i> , <b>2016</b> , 21, 1263-1271	2.3	3
31	Development of an observation-based tool for ergonomic exposure assessment in informal electronic waste recycling and other unregulated non-repetitive work. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2020</b> , 64, 905-909	0.4	3
30	Musculoskeletal Disorder Symptoms among Workers at an Informal Electronic-Waste Recycling Site in Agbogbloshie, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
29	A Systematic Review of the Effects of Temperature on Mosquito Development and Survival: Implications for Malaria Control in a Future Warmer Climate. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
28	Plasmodium falciparum immunodominant IgG epitopes in subclinical malaria. <i>Scientific Reports</i> , <b>2020</b> , 10, 9398	4.9	2
27	A study of autopsy procedures in Ghana: implications for the use of autopsy data in epidemiological analyses. <i>Journal of Public Health in Africa</i> , <b>2011</b> , 2, e7	1	2
26	Micronutrient Status of Electronic Waste Recyclers at Agbogbloshie, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	2
25	Global DNA (LINE-1) methylation is associated with lead exposure and certain job tasks performed by electronic waste workers. <i>International Archives of Occupational and Environmental Health</i> , <b>2021</b> , 94, 1931-1944	3.2	2
24	Using elemental analyses and multivariate statistics to identify the off-site dispersion from informal e-waste processing. <i>Environmental Sciences: Processes and Impacts</i> , <b>2019</b> , 21, 2042-2057	4.3	2
23	Immunolocalization of the 29 kDa Schistosoma haematobium species-specific antigen: a potential diagnostic marker for urinary schistosomiasis. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 198	4	1
22	A review of the structure and function of vital registration system in Ghana: towards improvement in mortality data quality for health policy analysis. <i>Journal of Public Health in Africa</i> , <b>2011</b> , 2, e5	1	1
21	Assessing Municipal Solid Wastes (MSWs) for composting programmes in rapidly urbanising areas: a case study from Accra, Ghana. <i>International Journal of Environment and Waste Management</i> , <b>2010</b> , 6, 25	0.9	1
20	Perceived Stress at Work and Associated Factors among E-Waste Workers in French-Speaking West Africa.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
19	Electronic waste exposure and DNA damage: a systematic review and meta-analysis. <i>Reviews on Environmental Health</i> , <b>2021</b> ,	3.8	1
18	Occupational exposures to particulate matter and PM-associated polycyclic aromatic hydrocarbons at the Agbogbloshie waste recycling site in Ghana.. <i>Environment International</i> , <b>2022</b> , 158, 106971	12.9	1
17	Personal exposure to particulate matter and heart rate variability among informal electronic waste workers at Agbogbloshie: a longitudinal study. <i>BMC Public Health</i> , <b>2021</b> , 21, 2161	4.1	1
16	Probabilistic health risk assessment of chlorpyrifos exposure among applicators on rice farms in Ghana. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 67555-67564	5.1	1

15	Biomonitoring of metals in blood and urine of electronic waste (E-waste) recyclers at Agbogbloshie, Ghana. <i>Chemosphere</i> , <b>2021</b> , 280, 130677	8.4	1
14	Airborne volatile organic compounds at an e-waste site in Ghana: Source apportionment, exposure and health risks. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 419, 126353	12.8	1
13	Relationship between temperature and <i>Anopheles gambiae</i> sensu lato mosquitoes susceptibility to pyrethroids and expression of metabolic enzymes.. <i>Parasites and Vectors</i> , <b>2022</b> , 15, 163	4	1
12	Comparison of ergonomic risk factors and work-related musculoskeletal disorders among dismantler and burners of electronic waste in Agbogbloshie, Accra Ghana.. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2021</b> , 65, 715-719	0.4	0
11	Spatial Distribution of Heavy Metals and Pollution of Environmental Media Around a Used Lead-acid Battery Recycling Center in Ibadan, Nigeria. <i>Journal of Health and Pollution</i> , <b>2021</b> , 11, 210304	2.6	0
10	Methylmercury Measurements in Dried Blood Spots from Electronic Waste Workers Sampled from Agbogbloshie, Ghana. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 2183-2188	3.8	0
9	Occupational and Environmental Health Effects of Informal Electronic Waste Recycling - A Focus on Agbogbloshie, Ghana. <i>Lecture Notes in Networks and Systems</i> , <b>2021</b> , 222, 746-752	0.5	0
8	Opportunities and challenges in reducing personal inhalation exposure to air pollution among electronic waste recovery workers in Ghana. <i>American Journal of Industrial Medicine</i> , <b>2021</b> , 64, 381-397	2.7	0
7	Association between global DNA methylation (LINE-1) and occupational particulate matter exposure among informal electronic-waste recyclers in Ghana. <i>International Journal of Environmental Health Research</i> , <b>2021</b> , 1-19	3.6	0
6	Respiratory Disorders Related to e-Waste Exposure among Workers in the Informal Sector in a Sub-Saharan African City: An Exposed Nonexposed Study.. <i>Pulmonary Medicine</i> , <b>2022</b> , 2022, 9968897	5.3	0
5	Socioeconomic Status and Temporal Urban Environmental Change in Accra: a Comparative Analysis of Area-based Socioeconomic and Urban Environmental Quality Conditions Between Two Time Points. <i>Environmental Management</i> , <b>2019</b> , 63, 574-582	3.1	
4	Infectious Disease Control in Ghana: Government's Interventions and Challenges to Malaria Eradication	211-216	
3	Area-Based Socioeconomic Conditions and Urban Malaria and Diarrhea Mortalities in Accra, Ghana. <i>International Journal of Tropical Medicine</i> , <b>2012</b> , 7, 6-16	0	
2	Work-Related Exposures and Musculoskeletal Disorder Symptoms among Informal E-Waste Recyclers at Agbogbloshie, Ghana. <i>Lecture Notes in Networks and Systems</i> , <b>2021</b> , 222, 677-681	0.5	
1	Musculoskeletal Disorders in Unstructured, Unregulated Work: Assessment Methods and Injuries. <i>Lecture Notes in Networks and Systems</i> , <b>2021</b> , 222, 720-727	0.5	