

Julius N Fobil

List of Publications by Year in descending order

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92
papers

5,002
citations

186209

28
h-index

95218

68
g-index

94
all docs

94
docs citations

94
times ranked

7321
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lancet Commission on pollution and health. <i>Lancet</i> , The, 2018, 391, 462-512.	6.3	2,747
2	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> , 2014, 11, 11559-11582.	1.2	117
3	Integrated Assessment of Artisanal and Small-Scale Gold Mining in Ghanaâ€”Part 1: Human Health Review. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 5143-5176.	1.2	115
4	Multiple elemental exposures amongst workers at the Agbogbloshie electronic waste (e-waste) site in Ghana. <i>Chemosphere</i> , 2016, 164, 68-74.	4.2	102
5	High levels of PAH-metabolites in urine of e-waste recycling workers from Agbogbloshie, Ghana. <i>Science of the Total Environment</i> , 2014, 466-467, 369-376.	3.9	91
6	Online access by adolescents in Accra: Ghanaian teens' use of the internet for health information.. <i>Developmental Psychology</i> , 2006, 42, 450-458.	1.2	86
7	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> , 2015, 79, 65-73.	4.8	80
8	The influence of institutions and organizations on urban waste collection systems: An analysis of waste collection system in Accra, Ghana (1985â€”2000). <i>Journal of Environmental Management</i> , 2008, 86, 262-271.	3.8	73
9	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> , 2011, 84, 285-291.	0.6	68
10	Working conditions and environmental exposures among electronic waste workers in Ghana. <i>International Journal of Occupational and Environmental Health</i> , 2013, 19, 278-286.	1.2	67
11	Heart Rate, Stress, and Occupational Noise Exposure among Electronic Waste Recycling Workers. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 140.	1.2	61
12	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> , 2017, 24, 3097-3107.	2.7	60
13	Deconstructing â€œmalariaâ€” West Africa as the next front for dengue fever surveillance and control. <i>Acta Tropica</i> , 2014, 134, 58-65.	0.9	58
14	Severe dioxin-like compound (DLC) contamination in e-waste recycling areas: An under-recognized threat to local health. <i>Environment International</i> , 2020, 139, 105731.	4.8	55
15	Health seeking behaviours among electronic waste workers in Ghana. <i>BMC Public Health</i> , 2015, 15, 1065.	1.2	52
16	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> , 2015, 12, 8811-8827.	1.2	48
17	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> , 2020, 17, 3042.	1.2	42
18	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> , 2021, 18, 3517.	1.2	42

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19	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> , 2016, 10, e0004751.	1.3	41
20	Informal processing of electronic waste at Agbogbloshie, Ghana: workers'™ knowledge about associated health hazards and alternative livelihoods. <i>Global Health Promotion</i> , 2017, 24, 90-98.	0.7	40
21	Prevention-intervention strategies to reduce exposure to e-waste. <i>Reviews on Environmental Health</i> , 2018, 33, 219-228.	1.1	38
22	E-Waste in Africa: A Serious Threat to the Health of Children. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8488.	1.2	38
23	A Systematic Review of the Effects of Temperature on Anopheles Mosquito Development and Survival: Implications for Malaria Control in a Future Warmer Climate. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7255.	1.2	37
24	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> , 2015, 14, 260.	0.8	36
25	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> , 2015, 92, 497-500.	0.6	36
26	Solid medical waste: a cross sectional study of household disposal practices and reported harm in Southern Ghana. <i>BMC Public Health</i> , 2017, 17, 464.	1.2	34
27	Systemic bacteraemia in children presenting with clinical pneumonia and the impact of non-typhoid salmonella (NTS). <i>BMC Infectious Diseases</i> , 2010, 10, 319.	1.3	33
28	Evaluation of municipal solid wastes (MSW) for utilisation in energy production in developing countries. <i>International Journal of Environmental Technology and Management</i> , 2005, 5, 76.	0.1	29
29	Source characterization and risk of exposure to atmospheric polychlorinated biphenyls (PCBs) in Ghana. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16316-16324.	2.7	29
30	Assessing the Relationship between Socioeconomic Conditions and Urban Environmental Quality in Accra, Ghana. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 125-145.	1.2	28
31	Mapping Urban Malaria and Diarrhea Mortality in Accra, Ghana: Evidence of Vulnerabilities and Implications for Urban Health Policy. <i>Journal of Urban Health</i> , 2012, 89, 977-991.	1.8	28
32	Urban Municipal Solid Waste management: Modeling air pollution scenarios and health impacts in the case of Accra, Ghana. <i>Waste Management</i> , 2021, 123, 15-22.	3.7	28
33	Arsenic burden in e-waste recycling workers – A cross-sectional study at the Agbogbloshie e-waste recycling site, Ghana. <i>Chemosphere</i> , 2020, 261, 127712.	4.2	27
34	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> , 2019, 63, 938-942.	0.2	25
35	Health Consequences for E-Waste Workers and Bystanders – A Comparative Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1534.	1.2	25
36	Scarification in sub-Saharan Africa: social skin, remedy and medical import. <i>Tropical Medicine and International Health</i> , 2017, 22, 708-715.	1.0	24

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37	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> , 2019, 63, 829-841.	0.6	23
38	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> , 2019, 9, 19034.	1.6	23
39	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> , 2020, 723, 138073.	3.9	21
40	Neighborhood Urban Environmental Quality Conditions Are Likely to Drive Malaria and Diarrhea Mortality in Accra, Ghana. <i>Journal of Environmental and Public Health</i> , 2011, 2011, 1-10.	0.4	20
41	Mathematical modeling of COVID-19 infection dynamics in Ghana: Impact evaluation of integrated government and individual level interventions. <i>Infectious Disease Modelling</i> , 2021, 6, 381-397.	1.2	19
42	Occupational and Environmental Health Risks Associated with Informal Sector Activities – Selected Case Studies from West Africa. <i>New Solutions</i> , 2016, 26, 253-270.	0.6	18
43	Environmental health risks and benefits of the use of mosquito coils as malaria prevention and control strategy. <i>Malaria Journal</i> , 2018, 17, 265.	0.8	18
44	An assessment of government policy response to HIV/AIDS in Ghana. <i>Sahara J</i> , 2006, 3, 457-465.	0.4	17
45	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> , 2018, 18, 23.	1.5	17
46	Atmospheric monitoring of organochlorine pesticides across some West African countries. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31828-31835.	2.7	17
47	Air Quality Impacts at an E-Waste Site in Ghana Using Flexible, Moderate-Cost and Quality-Assured Measurements. <i>GeoHealth</i> , 2020, 4, e2020GH000247.	1.9	17
48	A preliminary assessment of physical work exposures among electronic waste workers at Agbogbloshie, Accra Ghana. <i>International Journal of Industrial Ergonomics</i> , 2021, 82, 103096.	1.5	16
49	A Way Forward for Healthcare in Madagascar?. <i>Clinical Infectious Diseases</i> , 2016, 62, S76-S79.	2.9	14
50	Spatial heterogeneity of malaria in Ghana: a cross-sectional study on the association between urbanicity and the acquisition of immunity. <i>Malaria Journal</i> , 2016, 15, 84.	0.8	12
51	Biomonitoring of metals in blood and urine of electronic waste (E-waste) recyclers at Agbogbloshie, Ghana. <i>Chemosphere</i> , 2021, 280, 130677.	4.2	12
52	Airborne volatile organic compounds at an e-waste site in Ghana: Source apportionment, exposure and health risks. <i>Journal of Hazardous Materials</i> , 2021, 419, 126353.	6.5	12
53	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> , 2020, 20, 1067.	1.2	11
54	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> , 2021, 18, 2055.	1.2	11

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55	Occupational exposures to particulate matter and PM2.5-associated polycyclic aromatic hydrocarbons at the Agbogbloshie waste recycling site in Ghana. <i>Environment International</i> , 2022, 158, 106971.	4.8	11
56	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> , 2022, 19, 851.	1.2	11
57	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> , 2021, 94, 1931-1944.	1.1	10
58	Structured identification of response options to address environmental health risks at the Agbogbloshie electronic waste site. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 980-991.	1.6	8
59	Effects of elevated temperatures on the development of immature stages of <i>Anopheles gambiae</i> (s.l.) mosquitoes. <i>Tropical Medicine and International Health</i> , 2022, 27, 338-346.	1.0	8
60	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> , 2019, 6, 204993611985146.	1.1	7
61	Effects of Electronic and Electrical Waste-Contaminated Soils on Growth and Reproduction of Earthworm (<i>Alma nilotica</i>). <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 287-297.	2.2	7
62	Spatiality in Health: The Distribution of Health Conditions Associated with Electronic Waste Processing Activities at Agbogbloshie, Accra. <i>Annals of Global Health</i> , 2020, 86, 31.	0.8	7
63	Electronic waste exposure and DNA damage: a systematic review and meta-analysis. <i>Reviews on Environmental Health</i> , 2023, 38, 15-31.	1.1	7
64	Soil Contamination and Bioaccumulation of Heavy Metals by a Tropical Earthworm Species (<i>Alma</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Chemistry</i> , 2022, 41, 356-368.	2.2	7
65	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> , 2020, 64, 905-909.	0.2	6
66	Micronutrient Status of Electronic Waste Recyclers at Agbogbloshie, Ghana. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9575.	1.2	6
67	Relationship between temperature and <i>Anopheles gambiae</i> sensu lato mosquitoes' susceptibility to pyrethroids and expression of metabolic enzymes. <i>Parasites and Vectors</i> , 2022, 15, 163.	1.0	6
68	Urbanicity and Paediatric Bacteraemia in Ghana—A Case-Control Study within a Rural-Urban Transition Zone. <i>PLoS ONE</i> , 2015, 10, e0139433.	1.1	5
69	<i>Plasmodium falciparum</i> immunodominant IgG epitopes in subclinical malaria. <i>Scientific Reports</i> , 2020, 10, 9398.	1.6	5
70	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> , 2022, 2022, 1-6.	0.5	5
71	Minimising invasiveness in diagnostics: developing a rapid urine-based monoclonal antibody dipstick test for malaria. <i>Tropical Medicine and International Health</i> , 2016, 21, 1263-1271.	1.0	4
72	Methylmercury Measurements in Dried Blood Spots from Electronic Waste Workers Sampled from Agbogbloshie, Ghana. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2183-2188.	2.2	4

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73	Probabilistic health risk assessment of chlorpyrifos exposure among applicators on rice farms in Ghana. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67555-67564.	2.7	4
74	Using elemental analyses and multivariate statistics to identify the off-site dispersion from informal e-waste processing. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 2042-2057.	1.7	3
75	Work-Related Exposures and Musculoskeletal Disorder Symptoms Among Informal E-Waste Recyclers at Agbogbloshie, Ghana. <i>Lecture Notes in Networks and Systems</i> , 2021, 222, 677-681.	0.5	3
76	Personal exposure to particulate matter and heart rate variability among informal electronic waste workers at Agbogbloshie: a longitudinal study. <i>BMC Public Health</i> , 2021, 21, 2161.	1.2	3
77	Effects of Elevated Temperatures on the Growth and Development of Adult <i>Anopheles gambiae</i> (s.l.) (Diptera: Culicidae) Mosquitoes. <i>Journal of Medical Entomology</i> , 2022, 59, 1413-1420.	0.9	3
78	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> , 2010, 6, 25.	0.2	2
79	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> , 2011, 2, e7.	0.2	2
80	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> , 2019, 63, 574-582.	1.2	2
81	Occupational and Environmental Health Effects of Informal Electronic Waste Recycling – A Focus on Agbogbloshie, Ghana. <i>Lecture Notes in Networks and Systems</i> , 2021, 222, 746-752.	0.5	2
82	Musculoskeletal Disorders in Unstructured, Unregulated Work: Assessment Methods and Injuries. <i>Lecture Notes in Networks and Systems</i> , 2021, 222, 720-727.	0.5	2
83	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> , 2021, , 1-19.	1.3	2
84	Metal Exposures, Noise Exposures, and Audiometry from E-Waste Workers in Agbogbloshie, Ghana. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9639.	1.2	2
85	Association between toxic and essential metals in blood and global DNA methylation among electronic waste workers in Agbogbloshie, Ghana. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	2
86	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> , 2011, 2, e5.	0.2	1
87	Immunolocalization of the 29 kDa <i>Schistosoma haematobium</i> species-specific antigen: a potential diagnostic marker for urinary schistosomiasis. <i>BMC Infectious Diseases</i> , 2015, 15, 198.	1.3	1
88	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> , 2021, 64, 381-397.	1.0	1
89	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> , 2021, 11, 210304.	1.8	1
90	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> , 2021, 65, 715-719.	0.2	1

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91	Waste Electrical and Electronic Equipment: Impacts of working conditions on health in Benin. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
92	Area-Based Socioeconomic Conditions and Urban Malaria and Diarrhea Mortalities in Accra, Ghana. International Journal of Tropical Medicine, 2012, 7, 6-16.	0.1	0