David K Essumang

List of Publications by Year
in descending order

55 papers	1,601 citations	257357 24 h-index	302012 39 g-index
55 all docs	55 docs citations	55 times ranked	2181 citing authors

#	Article	IF	Citations
1	Association of Arsenic with Adverse Pregnancy Outcomes/Infant Mortality: A Systematic Review and Meta-Analysis. Environmental Health Perspectives, 2015, 123, 412-421.	2.8	277
2	Effect of smoke generation sources and smoke curing duration on the levels of polycyclic aromatic hydrocarbon (PAH) in different suites of fish. Food and Chemical Toxicology, 2013, 58, 86-94.	1.8	91
3	Assessment of atmospheric heavy metal deposition in the Tarkwa gold mining area of Ghana using epiphytic lichens. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1492-1501.	0.6	77
4	Spatial distribution, accumulation and human health risk assessment of heavy metals in soil and groundwater of the Tano Basin, Ghana. Ecotoxicology and Environmental Safety, 2018, 165, 540-546.	2.9	66
5	Polycyclic aromatic hydrocarbon (PAH) contamination in smoke-cured fish products. Journal of Food Composition and Analysis, 2012, 27, 128-138.	1.9	58
6	Contamination impact and human health risk assessment of heavy metals in surface soils from selected major mining areas in Ghana. Environmental Geochemistry and Health, 2019, 41, 2821-2843.	1.8	57
7	Perfluoroalkyl acids (PFAAs) in the Pra and Kakum River basins and associated tap water in Ghana. Science of the Total Environment, 2017, 579, 729-735.	3.9	55
8	Cancer and Non-Cancer Risk Assessment from Exposure to Arsenic, Copper, and Cadmium in Borehole, Tap, and Surface Water in the Obuasi Municipality, Ghana. Human and Ecological Risk Assessment (HERA), 2010, 16, 651-665.	1.7	51
9	Levels, Distribution and Source Characterization of Polycyclic Aromatic Hydrocarbons (PAHs) in Topsoils and Roadside Soils in Esbjerg, Denmark. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 438-443.	1.3	49
10	Effective reduction of PAH contamination in smoke cured fish products using charcoal filters in a modified traditional kiln. Food Control, 2014, 35, 85-93.	2.8	42
11	Assessment of PCBs and exposure risk to infants in breast milk of primiparae and multiparae mothers in an electronic waste hot spot and non-hot spot areas in Ghana. Science of the Total Environment, 2018, 612, 1473-1479.	3.9	42
12	Associations between pesticide use and respiratory symptoms: A cross-sectional study in Southern Ghana. Environmental Research, 2016, 150, 245-254.	3.7	40
13	Arsenic, Cadmium, and Mercury in Cocoyam (Xanthosoma sagititolium) and Watercocoyam (Colocasia) Tj ETQq1 1 0.784314 rgBT /Ove 2007, 79, 377-379.	1.3	39
14	Assessment of contamination and health risk of heavy metals in selected water bodies around gold mining areas in Ghana. Environmental Monitoring and Assessment, 2018, 190, 406.	1.3	39
15	Analysis of Polycyclic Aromatic Hydrocarbons in Street Soil Dust in Kumasi Metropolis of Ghana. Environmental Monitoring and Assessment, 2006, 121, 401-408.	1.3	37
16	Medical Waste-Sorting and Management Practices in Five Hospitals in Ghana. Journal of Environmental and Public Health, 2020, 2020, 1-14.	0.4	36
17	Cancer Health Risk Assessment of Exposure to Arsenic by Workers of AngloGold Ashantiâ€“Obuasi Gold Mine. Bulletin of Environmental Contamination and Toxicology, 2006, 76, 195-201.	1.3	34
18	The Effect of some Selected Pesticides on the Growth and Reproduction of Fresh Water Oreochromis niloticus, Chrysicthys nigrodigitatus and Clarias gariepinus. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 544-547.	1.3	34

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19	Evaluation of lead and mercury neurotoxic health risk by resident children in the Obuasi municipality, Ghana. Environmental Toxicology and Pharmacology, 2010, 29, 209-212.	2.0	33
20	First Determination of the Levels of Platinum Group Metals in Manta birostris (Manta Ray) Caught Along the Ghanaian Coastline. Bulletin of Environmental Contamination and Toxicology, 2010, 84, 720-725.	1.3	29
21	Analysis and Human Health Risk Assessment of Arsenic, Cadmium, and Mercury inManta Birostris(Manta Ray) Caught Along the Ghanaian Coastline. Human and Ecological Risk Assessment (HERA), 2009, 15, 985-998.	1.7	27
22	Statistical Evaluation of Environmental Contamination, Distribution and Source Assessment of Heavy Metals (Aluminum, Arsenic, Cadmium, and Mercury) in Some Lagoons and an Estuary Along the Coastal Belt of Ghana. Archives of Environmental Contamination and Toxicology, 2011, 61, 389-400.	2.1	27
23	Pesticides residues in okra (non-target crop) grown close to a watermelon farm in Ghana. Environmental Monitoring and Assessment, 2013, 185, 7617-7625.	1.3	26
24	Analysis of Some Pesticide Residues in Tomatoes in Ghana. Human and Ecological Risk Assessment (HERA), 2008, 14, 796-806.	1.7	24
25	Heavy metal content and health risk assessment of commonly patronized herbal medicinal preparations from the Kumasi metropolis of Ghana. Journal of Environmental Health Science & Engineering, 2019, 17, 609-618.	1.4	24
26	PAHs contamination levels in the breast milk of Ghanaian women from an e-waste recycling site and a residential area. Science of the Total Environment, 2019, 666, 347-354.	3.9	23
27	Distribution and Risk Assessment of Heavy Metals in Surface Water from Pristine Environments and Major Mining Areas in Ghana. Journal of Health and Pollution, 2015, 5, 86-99.	1.8	22
28	Distribution, Levels, and Risk Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in Some Water Bodies along the Coastal Belt of Ghana. Scientific World Journal, The, 2010, 10, 972-985.	0.8	19
29	Accumulation profile and seasonal variations of polychlorinated biphenyls (PCBs) in bivalves Crassostrea tulipa (oysters) and Anadara senilis (mussels) at three different aquatic habitats in two seasons in Ghana. Ecotoxicology and Environmental Safety, 2013, 88, 26-34.	2.9	19
30	Cancer and Non-Cancer Health Risk from Eating Cassava Grown in Some Mining Communities in Ghana. Environmental Monitoring and Assessment, 2006, 118, 37-49.	1.3	17
31	Polychlorinated biphenyls in coastal tropical ecosystems: Distribution, fate and risk assessment. Environmental Research, 2012, 118, 16-24.	3.7	16
32	Health risk and source assessment of semi-volatile phenols, p-chloroaniline and plasticizers in plastic packaged (sachet) drinking water. Science of the Total Environment, 2021, 797, 149008.	3.9	14
33	Bioaccumulation of platinum group metals on some fish species (<b>Oreochromis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Environmental Chemistry, 2008, 90, 625-638.	0.6	13
34	Comparison of the Solubilizing Efficiencies of Some pH Lowering (Sulphur and (NH4)2SO4) Amendments on Cd and Zn Mobility in Soils. Bulletin of Environmental Contamination and Toxicology, 2014, 93, 187-191.	1.3	13
35	Non-Cancer Health Risk Assessment from Exposure to Cyanide by Resident Adults from the Mining Operations of Bogoso Gold Limited in Ghana. Environmental Monitoring and Assessment, 2006, 118, 51-63.	1.3	12
36	The impact of vehicular fallout on the Pra estuary of Ghana (a case study of the impact of platinum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 283-294.	1.3	12

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37	Levels of Platinum Group Metals in Selected Species (Sarotherodon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 752 Td (melanc Ghana. Scientific World Journal, The, 2010, 10, 1971-1987.	0.8	12
38	Levels and risk assessment of residual phthalates, polycyclic aromatic hydrocarbons and semi-volatile chlorinated organic compounds in toilet tissue papers. Toxicology Reports, 2019, 6, 1263-1272.	1.6	12
39	Bioaccumulation of platinum group metals in dolphins, Stenella sp., caught off Ghana. African Journal of Aquatic Science, 2008, 33, 255-259.	0.5	11
40	Use of isotopes to study floodplain wetland and river flow interaction in the White Volta River basin, Ghana. Isotopes in Environmental and Health Studies, 2010, 46, 91-106.	0.5	10
41	Soil-to-cassava transfer of naturally occurring radionuclides from communities along Ghana's oil and gas rich Tano Basin. Journal of Environmental Radioactivity, 2018, 182, 138-141.	0.9	8
42	Determination of pesticides residue content in watermelon fruit from Ghana. Fruits, 2017, 72, 55-63.	0.3	7
43	Analysis of silver in the water column of the Pra and the Eture estuaries in Ghana. Chemistry and Ecology, 2008, 24, 297-303.	0.6	6
44	Levels of Mercury, Cadmium, and Zinc in the Topsoil of Some Selected Towns in the Wassa West District of the Western Region of Ghana. Soil and Sediment Contamination, 2010, 19, 635-643.	1.1	6
45	Respiratory and non-respiratory symptoms associated with pesticide management practices among farmers in Ghanaâ€™s most important vegetable hub. Environmental Monitoring and Assessment, 2019, 191, 716.	1.3	6
46	Distribution, levels, and risk assessment of polycyclic aromatic hydrocarbons in the soot of some kitchens in the Cape Coast Metropolis of Ghana. Toxicological and Environmental Chemistry, 2010, 92, 1633-1647.	0.6	5
47	Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) in the Oil and Gas Industry: A Review. Reviews of Environmental Contamination and Toxicology, 2016, 238, 107-119.	0.7	5
48	Distribution, Levels, and Risk Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in Singed Cattle Hide. Human and Ecological Risk Assessment (HERA), 2011, 17, 1018-1038.	1.7	4
49	Urinary Pesticide Residual Levels and Acute Respiratory Infections in Children Under 5â€‰Years of Age: Findings From the Offinso North Farm Health Study. Environmental Health Insights, 2022, 16, 117863022210944.	0.6	4
50	Assessment of Levels of Cadmium and Mercury of Two Estuaries in Two Regions of Ghana. Research Journal of Applied Sciences, 2010, 5, 40-46.	0.1	3
51	Research Article: Evaluation of the Levels of Selected Heavy Metals in Mangrove Ecosystem and Roadside Topsoil in Ghana. Environmental Practice, 2012, 14, 173-183.	0.3	2
52	Production of High Surface Area Activated Carbon from Coconut Husk. Materials Research Society Symposia Proceedings, 2014, 1644, 1.	0.1	2
53	Conversion of Agricultural Waste Streams into Value Added Products. MRS Advances, 2018, 3, 2137-2142.	0.5	2
54	Pesticide and Nutrient Loads of Lake Bosomtwe in the Ashanti Region of Ghana. Journal of Water Resource and Protection, 2021, 13, 794-806.	0.3	2

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55	Uptake and toxicity of some pesticides on three freshwater fishes (Oreochromis niloticus,Clarias) Tj ETQq1 1 0.784314 rgBT /Overloc 111-123.	0.6	0