Godfred Owusu-Boateng

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RESEARCH

Interests	EIA · Ecosystems health · Water security & sustainability · Modeling of environmental sys (air · water)
Areas	Food Science · Forestry · Water Science and Technology · Environmental Chemistry · Environmental Engineering · Global and Planetary Change

RESEARCH SUMMARY

25	240	7	7	0.92	14%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 25 publications listed below, 2005–2022. Field-weighted impact is the mean over the 7 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 7 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 24

1. **A Owusu-Boateng** (2022). Assessment of anthropogenic activities, environmental literacy and management practices impacting Lake Bosomtwe. *Natural Resources and Sustainable Development*.
2. **G Owusu-Boateng**, TK Agyemang (2022). Assessment of the limnological characteristics of Lake Bosomtwe in the Ashanti Region of Ghana. *Pollution*. https://jpoll.ut.ac.ir/article_53929.htmlhttp://jpoll.ut.ac.ir/article_87445.html
3. **Godfred Owusu-Boateng**, Akwasi Ampofo-Yeboah, Thomas Kwaku Agyemang, Kofi Sarpong (2022). SEASONAL VARIATION IN WATER QUALITY INDEX OF THE LAKE BOSOMTWE BIOSPHERE RESERVE. *Environment & Ecosystem science*. https://doi.org/10.26480/ees.02.2022.46.51
4. **Godfred Owusu-Boateng**, Pious Kwame Nkuah (2022). THE EFFECT OF ANTHROPOGENIC ACTIVITIES ON THE QUALITY OF RIVER FANOMA IN SEFWI AKONTOMBRA IN THE WESTERN REGION OF GHANA. *Journal CleanWAS*. https://doi.org/10.26480/jcleanwas.02.2022.54.61
5. John Owusu, J. H. Oldham, W. O. Ellis, **G. Owusu-Boateng** (2020). Emulsifying ability of exudate gums obtained from three plant species in Ghana. *International Journal of Technology and Management Research*. https://doi.org/10.47127/ijtmr.v2i2.54
6. Collins P. Duodu, Daniel Adjei-Boateng, Regina E. Edziyie, Nelson W. Agbo, **Godfred Owusu-Boateng**, Bodil K. Larsen, Peter V. Skov (2018). Processing techniques of selected oilseed by-products of potential use in animal feed: Effects on proximate nutrient composition, amino acid profile and antinutrients. *Animal nutrition*. https://doi.org/10.1016/j.aninu.2018.05.007
7. **J. P. and Owusu-Boateng** (2018). Water and sediment qualities issues and growth performance of pond-cultured Oreochromis niloticus fed different dietary protein levels. *Waters*.
8. **Godfred Owusu-Boateng** (2017). Emulsifying ability of exudate gums obtained from three plant species in Ghana. International Journal of Technology and Management Research, 2(2), 25-31. *International Journal of Technology and Management Research*.
9. **G Owusu-Boateng**, FT Oduro (2017). Mathematical Model of Air Quallity in the Ahinsan-Atonsu-Agogo

Industrial Area of Kumasi, Ghana. *American Journal of Environmental Policy and Management*. https://www.academia.edu/download/92511409/8970756.pdf

10. **G Owusu-Boateng** (2016). Variation in the quality of harvested rainwater from source to storage in a water-stressed community in Ghana. *American Journal of Water Science and Engineering*. https://www.academia.edu/download/115982096/10.11648.j.ajwse.20160204.11.pdf
11. **G. Owusu-Boateng, M. K. Gadogbe** (2015). Domestic Rainwater Harvesting in a Water-Stressed Community and Variation in Rainwater Quality from Source to Storage. *Columbia Academic Commons (Columbia University)*. https://doi.org/10.7916/d81c1xb5
12. **SK Owusu-Boateng** (2015). Methods of cocoa harvesting to drying of bean in Ghana and polycyclic aromatic hydrocarbon concentration in the nib and shell of the cocoa bean. *Acad. J. Agric. Res.*.
13. NW Agbo, M Yeboah-Agyepong, **G Owusu-Boateng** (2015). Nutritional composition of shea nut (Vitellaria paradoxa, gaertn) byproducts and their digestibility by Nile tilapia (Oreochromis niloticus L.) juvenile. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v34i2.2
14. AA Adjaottor, **G Owusu-Boateng** (2014). Characterization of solid waste in the Atwima-Nwabiagya district of the Ashanti Region, Kumasi-Ghana. *Int. J. Waste Manage. Technol*. http://www.ijwmt.com/IJWMT_Vol.%202,%20No.%201,%20January%202014/CHARACTERIZATION.pdf
15. NW Agbo, **G Owusu-Boateng** (2014). Nutritional composition of sheanut (Vitellaria paradoxa, Gaertn) by-products and their digestibility by Nile tilapia (Oreochromis niloticus L.) juvenile. *J Sci Tech*. https://www.ajol.info/index.php/just/article/download/113010/102739
16. **Godfred Owusu-Boateng**, Victoria Adjei (2014). The potential utilization of grey water for irrigation: A case study on the Kwame Nkrumah University of Science and Technology, Kumasi Campus. *DOAJ (DOAJ: Directory of Open Access Journals)*.
17. **G Owusu-Boateng** (2013). A survey of some critical issues in vegetable crops farming along River Oyansia in Opeibea and Dzorwulu, Accra-Ghana. *Global Advanced Research Journal of Physical and Applied Sciences*. https://scholar.google.com/scholar?cluster=4139369730269508156&hl=en&oi=scholarr
18. M Ntim, **Owusu-Boateng** (2013). Air quality and the lung function of communities in the concessional area of the chirano gold mines limited, Bibiani-Ghana. *American Journal of Scientific and Industrial Research*. https://www.researchgate.net/profile/Michael-Ntim/publication/292977340_Air_quality_and_the_lung_function_of_communities_in_the_concessional_area_of_the_Chirano_Gold_Mines_Limited_Bibiani-Ghana/links/56b34ff908ae3d06a26643cb/Air-quality-and-the-lung-function-of-communities-in-the-concessional-area-of-the-Chirano-Gold-Mines-Limited-Bibiani-Ghana.pdf
19. **G Owusu-Boateng** (2013). An assessment of the status of pollution of the Lake Amponsah in the Bibiani-Anhwiaso-Bekwai District, Ghana. *American Journal Science and Industrial Research*. https://www.academia.edu/download/82641253/AJSIR-4-5-499-511.pdf
20. **G Owusu-Boateng** (2013). Levels of organochlorine pesticides residue in cabbage cultivated in farms along River Oyansia, Accra-Ghana. *Am. J. Sci. Ind. Res*. https://www.scihub.org/AJSIR/PDF/2013/5/AJSIR-4-5-489-498.pdf
21. L Darkwah, **L. and Owusu-Boateng** (2013). Mine water and the environment: a case study at Central African Gold Bibiani Limited, Ghana. *Global Advanced Research Journal of Physical and Applied Sciences*. https://scholar.google.com/scholar?cluster=6851247565718961698&hl=en&oi=scholarr
22. **Godfred Owusu-Boateng** (2013). Owusu-Boateng, G., Ntim, M. and Plange-Rhule, J. *Global Advanced Research Journal of Physical and Applied Sciences*.
23. BB Campion, **G Owusu-Boateng** (2013). The political ecology of wetlands in Kumasi, Ghana. *International Journal of Environment and Bioenergy*. https://www.researchgate.net/profile/Benjamin-Campion/publication/258152382_The_Political_Ecology_of_Wetlands_in_Kumasi_Ghana/links/00b4952aef081291e4000000/The-Political-Ecology-of-Wetlands-in-Kumasi-Ghana.pdf
24. **GVPD Owusu-Boateng**, VP Dzogbefia (2005). Establishing some parameters for the cultivation of oyster mushroom (Pleurotus ostreatus) on cocoa husk. *Journal of the Ghana Science Association*. https://www.africabib.org/rec.php?RID=Q00042537

Reports 1

1. **Godfred Owusu-Boateng** (2014). An investigation into the causes and effects of vehicle breakdown and road accidents in the Bolgatanga municipality. *University of Education*. https://ir.uew.edu.gh/handle/123456789/4511