

Epton Joseph Koranteng- Addo

Senior Lecturer · Department of Chemistry
University of Cape Coast

Google Scholar scholar.google.com/citations?user=IWVQQ1MAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/40ba847c-89a5-42f8-b65f-0a126e235cc5

RESEARCH

Interests Environmental chemistry · toxicology · nanoparticles
Areas Pollution · Analytical Chemistry · Artificial Intelligence · Environmental Chemistry · Health, Toxicology and Mutagenesis · Management, Monitoring, Policy and Law

RESEARCH SUMMARY

24	307	7	6	0.25	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 24 publications listed below, 2010–2024. Field-weighted impact is the mean over the 6 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 6 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 23

1. J ADDO (2024). A RETROSPECTIVE UPDATE ON THE AURICULARIA SPECIES IN GHANA AND THEIR NUTRITIONAL, ETHNOMYCOLOGICAL AND PHARMACOLOGICAL VALUES FOR HEALTH. *Ghana Journal of Science*. https://www.researchgate.net/profile/Nii-Kortei-2/publication/383766931_A_RETROSPECTIVE_UPDATE_ON_THE_AURICULARIA_SPECIES_IN_GHANA_AND_THEIR_NUTRITIONAL_ETHNOMYCOLOGICAL_AND_PHARMACOLOGICAL_VALUES_FOR_HEALTH/links/66d96b48f84dd1716c96faef/A-RETROSPECTIVE-UPDATE-ON-THE-AURICULARIA-SPECIES-IN-GHANA-AND-THEIR-NUTRITIONAL-ETHNOMYCOLOGICAL-AND-PHARMACOLOGICAL-VALUES-FOR-HEALTH.pdf
2. Epton Joseph Koranteng- Addo, KO Boadu (2021). Assessment of Ni Toxicity to Fungi and Bacteria in Oil Tainted Soils in Greater Port Harcourt Area, Nigeria. *Journal of Applied Sciences & Environmental Management*. <https://openurl.ebsco.com/contentitem/gcd:154126311?sid=ebsco:plink:crawler-gcd&id=ebsco:gcd:154126311&crl=c&jrnl=26591502>
3. Wanjala, MP, Odokuma, L, Etela I, Ramkat, R, Odogwu, BA, Boadu, KO, Koranteng-Addo E.J. (2021). Impact of Nitrogen Fertilizer use on Soil Ecosystem Integrity in the Greater Port Harcourt Region, Nigeria. *Open Academic Journal of Advanced Science and Technology*. <https://doi.org/10.33094/5.2017.2021.51.1.12>
4. Joshua Addo (2020). Comparative study of pension benefits between Ghana Universities' Staff Superannuation (GUSS) and Social Security and National Insurance Trust (SSNIT) Schemes. *Ghana Journal of Higher Education Management*. <https://journals.uew.edu.gh/index.php/ghajhem/article/view/298>
5. JO Addo (2020). Estimating the Living Wage a Worker Should Earn to Able to Meet His/Her Basic Needs (A Case Study of Bantama Constituency). *Team I'm A Tool* 4p. https://www.researchgate.net/profile/Joshua-Addo-4/publication/344307734_Article_TEAM_I'M_A_TOOL_ESTIMATING_THE_LIVING_WAGE_A_WORKER_SHOULD_EARN_TO_ABLE_TO_MEET_HISHER_BASIC_NEEDS_A_CASE_STUDY_OF_BANTAMA_CONSTITUENCY/links/5f65866692851c14bc86cdf0/Article-TEAM-IM-A-TOOL-ESTIMATING-THE-LIVING-WAGE-A-WORKER-SHOULD-EARN-TO-ABLE-TO-MEET-HIS-HER-BASIC-NEEDS-A-CASE-STUDY-OF-BANTAMA-CONSTITUENCY.pdf
6. E.J Koranteng-Addo, M Jnr Horsfall, O.F Joel, J.K Bentum (2019). Single and Joint Toxicological Effect of

Dispersit SPC 1000 and Bonny Oil on Mudskipper Fish (*Periophthalmus Papilio*) from the Brackish Waters of Buguma, Rivers State, Nigeria. *Journal of applied science and environmental management*. <https://doi.org/10.4314/jasem.v22i11.18>

7. E.J. Koranteng-Addo, M Horsfall Jnr., O.F. Joel, J.K. Bentum (2019). Toxicity comparison of water-accommodated fraction and chemically enhanced fraction of bonny light crude oil and dispersit SPC 1000 to mudskipper (*Periophthalmus papilio*) fish. *Journal of applied science and environmental management*. <https://doi.org/10.4314/jasem.v22i12.4>
8. John Bentum, EJ Koranteng-Addo, Agbemafle (2017). Assessment Of Ecological And Human Health Risks Of Cu, Zn And Pb Accumulation In Agricultural Soils And Okra. *Researchjournal's Journal of Ecology*. <https://ir.ucc.edu.gh/items/e7fc0658-b739-4314-864e-0ca2e64f54ac>
9. J Addo (2017). Environmental surveillance for poliovirus in Greater Accra and eastern regions of Ghana-2016. *Virol. Curr. Res.* <https://scholar.google.com/scholar?cluster=12160449925417988091&hl=en&oi=scholar>
10. JK Bentum, JPK Adotey, J Koka, EJ Koranteng-Addo, A Yeboah, LK Boamponsem (2012). Assessment of lead, copper and zinc contamination of soil from University of Cape Coast School of Agricultural farmland, Ghana. *International Journal of Biological and Chemical Sciences*. <https://doi.org/10.4314/ijbcs.v5i4.33>
11. JB: EJ Koranteng-Addo (2012). Copper levels in semi finished and finished cocoa products in Ghana. *Der Chemica Simica*.
12. EJ Koranteng-Addo, JK Bentum, B Awuah, E Owusu-Ansah (2011). Analysis of Cu and Pb in the sediments of Kakum River, its estuary and tributaries. *International Journal of Biological and Chemical Sciences*. <https://doi.org/10.4314/ijbcs.v5i1.68088>
13. JK Bentum, DK Essumang, JE Koranteng-Addo (2011). Analysis of heavy metals in citrus juice from the Abura-Asebu-Kwamankese District, Ghana. *Journal of Chemical and Pharmaceutical Research*. https://www.researchgate.net/profile/Epton-Koranteng-Addo/publication/280765021_Analysis_of_heavy_metals_in_citrus_juice_from_the_Abura-Asebu-Kwamankese_district_Ghana/links/5c34c824a6fdccd6b59c23e1/Analysis-of-heavy-metals-in-citrus-juice-from-the-Abura-Asebu-Kwamankese-district-Ghana.pdf
14. JE . Koranteng- Addo, JK Bentum (2011). Analysis of lead and cadmium in human milk in the greater Accra region of Ghana. *Der Chemica Sinica*. <https://doi.org/10.5555/20113324868>
15. J.K. Bentum, M. Anang, K.O. Boadu, E.J. Koranteng-Addo, E. Owusu Antwi (2011). Assessment of heavy metals pollution of sediments from Fosu lagoon in Ghana. *Bulletin of the Chemical Society of Ethiopia*. <https://doi.org/10.4314/bcse.v25i2.65869>
16. JPK Adotey, JK Bentum, EJ Koranteng-Addo (2011). Comparative studies of some heavy metals in the urine of people engaged in mining and non-miners. *Journal of Chemical and Pharmaceutical Research*. https://www.researchgate.net/profile/Epton-Koranteng-Addo/publication/330222799_Comparative_studies_of_some_heavy_metals_in_the_urine_of_people_engaged_in_mining_and_non_miners/links/5c34cb6292851c22a364b258/Comparative-studies-of-some-heavy-metals-in-the-urine-of-people-engaged-in-mining-and-non-miners.pdf
17. J Addo (2011). Socio-economic determinants of rice farmers' loan size in Shama. *Ghana. Middle-East Journal of Scientific Research*. <https://scholar.google.com/scholar?cluster=12990220978141314528&hl=en&oi=scholar>
18. Epton Joseph Koranteng-Addo (2010). 19 PUBLICATIONS 68 CITATIONS. *J. Chem.* <https://ir.ucc.edu.gh/server/api/core/bitstreams/3c70aaa1-ad32-4ab1-b5bb-a9ec153267eb/content>
19. R.O. Koranteng - Addo (2010). Analysis of Lead and zinc levels in human scalp hair in occupationally exposed workers in Cape Coast, Ghana. *Journal of Chemical and Pharmaceutical Research*.
20. JE Koranteng - Addo (2010). Assessment of Lindane pesticide residue in cocoa beans in the Twifo Praso District of Ghana. *Journal of Chemical and Pharmaceutical Research*. https://www.researchgate.net/profile/Epton-Koranteng-Addo/publication/330222700_Assessment_of_Lindane_pesticide_residue_in_Cocoa_beans_in_the_Twifo_Praso_district_of_Ghana/links/5c34ca6e458515a4c7163f87/Assessment-of-Lindane-pesticide-residue-in-Cocoa-beans-in-the-Twifo-Praso-district-of-Ghana.pdf

21. JK Bentum, DK Essumang, EJ Koranteng-Addo (2010). Lead, Cadmium and Arsenic in breast milk of lactating mothers in Odumanse-Atua community in Manya Krobo district of eastern region of Ghana. *J Chem Pharm Res*. <https://www.academia.edu/download/123522706/lead-cadmium-and-arsenic-in-breast-milk-of-lactating-mothers-in-odumanse-atua-community-in-manya-krobo-district-of-easter.pdf>
22. Epton Joseph Koranteng- Addo (2010). Quality evaluation of locally manufactured amodiaquine tablets in Accra, Ghana. *Journal of Chemical and Pharmaceutical Research*.
23. EJ Koranteng - Addo (2010). Relationship between lead in drinking water and mothers' breast milk in the Volta region of Ghana. *J. Chem*. <https://www.academia.edu/download/76941306/relationship-between-lead-in-drinking-water-and-mothers-breast-milk-in-the-volta-region-of-ghana.pdf>

Reports 1

1. HD Acquah, J Addo (2011). Determinants of loan repayment performance of fishermen: Empirical evidence from Ghana. " Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary http://www.uaiasi.ro/CERCET_AGROMOLD/CA4-11-08.pdf