Richmond Afoakwah

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RESEARCH

Interests	Forensic Science · Public Health
Areas	Public Health, Environmental and Occupational Health · Parasitology · Genetics · Hematology · Economics and Econometrics · General Health Professions

RESEARCH SUMMARY

31	429	14	15	1.06	11%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 31 publications listed below, 2011–2026. Field-weighted impact is the mean over the 19 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 19 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 28

1. Samuel Kofi Tulashie, Emmanuel Boafo Baidoo, **Richmond Afoakwah**, Dorcas Naa Odarley Ablateye, Francis Tambo, Samira Esinam Elsie Aggor Woananu, Enoch Mbawin Alale, Alvin David Amewuho, Foster Appiah Kubi, Osborne Kwadwo Owusu, Perry Nana Yaw Ahadjie (2026). Comparative spectroscopic characterization of ignitable liquid residues and fire debris using FTIR and XRD. *Spectroscopy Letters*. https://doi.org/10.1080/00387010.2026.2723261
2. Maxwell Abedi, **Richmond Afoakwah**, Reagan Appiah, Ebenezer Asante, Fredrick Arthur, Sweta Khariyal (2023). Optimization of the Superglue Fuming and Powder Technique for the Enhancement of Latent Fingerprints from Objects Submerged in Water: An Experimental Study in Ghana. *Journal of Forensic Science and Medicine*. https://doi.org/10.4103/jfsm.jfsm_15_22
3. Abdou Matinou Ogbon, **Richmond Afoakwah**, Kwadwo Kesse Mireku, Nounagnon Darius Tossavi, Ken MacKenzie (2023). Parasites of Sardinella maderensis (Lowe, 1838) (Actinopterygii: Clupeidae) and Their Potential as Biological Tags for Stock Identification along the Coast of West Africa. *Biology*. https://doi.org/10.3390/biology12030389
4. Maxwell Abedi, Dan O. M. Bonsu, Isaac K. Badu, **Richmond Afoakwah**, Pooja Ahuja (2021). Spectroscopic (analytical) approach to gunshot residue analysis for shooting distance estimation: a systematic review. *Egyptian Journal of Forensic Sciences*. https://doi.org/10.1186/s41935-021-00253-3
5. **Richmond Afoakwah**, E Effah (2018). A guide on illegal fishing activities in Ghana. *USAID/Ghana Sustainable Fisheries Management Project. Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island. Prepared by the University of Cape Coast, Ghana. GH2014_SCI048_UCC*. http://www.crc.uri.edu/download/GH2014_SCI048_UCC_FIN508.pdf
6. Andreas A Kudom, **R Afoakwah**, Christian K Adokoh (2018). Relating high insecticide residues in larval breeding habitats in urban residential areas to the selection of pyrethroid resistance in Anopheles gambiae sl (Diptera: Culicidae …. *Journal of Medical Entomology*. https://academic.oup.com/jme/article-abstract/55/2/490/4756456
7. Andreas A Kudom, Leticia N Anane, **Richmond Afoakwah**, Christian K Adokoh (2017). Relating High Insecticide Residues in Larval Breeding Habitats in Urban Residential Areas to the Selection of Pyrethroid Resistance in Anopheles gambiae s.l. (Diptera: Culicidae) in Akim Oda, Ghana. *Journal of Medical*

Entomology. https://doi.org/10.1093/jme/tjx223

8. Emmanuel Kwasi Abu, Johnson N. Boampong, Samuel Kyei, **Richmond Afoakwah**, Irene Ayi (2016). Associations between Polymorphisms within Interferon Gamma and Tumor Necrosis Factor Genes and Toxoplasma Retinochoroiditis in Ghanaian Patients. *Ocular Immunology and Inflammation*. https://doi.org/10.3109/09273948.2016.1159315
9. James Prah, Elvis Ameyaw, **Richmond Afoakwah**, Andreas Kudom (2016). Factors affecting birth weight in Cape Coast, Ghana. *International Journal of Reproduction Contraception Obstetrics and Gynecology*. https://doi.org/10.18203/2320-1770.ijrcog20161319
10. Verner N Orish, Onyekachi S Onyeabor, Johnson N Boampong, **Richmond Afoakwah**, Ekene Nwaefuna, Samuel Acquah, Adekunle O Sanyaolu, Nnaemeka C Iriemenam (2016). Prevalence of intermittent preventive treatment with sulphadoxine-pyrimethamine (IPTp-SP) use during pregnancy and other associated factors in Sekondi-Takoradi, Ghana. *African Health Sciences*. https://doi.org/10.4314/ahs.v15i4.6
11. James Prah, Elvis Ofori Ameyaw, **Richmond Afoakwah**, Patrick Fiawoyife, Ernest Oppong-Danquah, Johnson Nyarko Boampong (2016). Quality Assessment of Artemether-Lumefantrine Samples and Artemether Injections Sold in the Cape Coast Metropolis. *Journal of Tropical Medicine*. https://doi.org/10.1155/2016/8602619
12. Danny F. Yeboah, **Richmond Afoakwah**, Ekene K. Nwaefuna, Orish Verner, Johnson N. Boampong (2016). Quality of Sulfadoxine-Pyrimethamine Given as Antimalarial Prophylaxis in Pregnant Women in Selected Health Facilities in Central Region of Ghana. *Journal of Parasitology Research*. https://doi.org/10.1155/2016/9231946
13. **Richmond Afoakwah**, Edmond Aubyn, James Prah, Ekene Kwabena Nwaefuna, Johnson N. Boampong (2016). Relative Susceptibilities of ABO Blood Groups toPlasmodium falciparumMalaria in Ghana. *Advances in Hematology*. https://doi.org/10.1155/2016/5368793
14. Kwame K. Asare, Johnson N. Boampong, Nancy O. Duah, **Richmond Afoakwah**, Rakesh Sehgal, Neils B. Quashie (2016). Synergism between Pfcrt and Pfmdr1 genes could account for the slow recovery of chloroquine sensitive Plasmodium falciparum strains in Ghana after chloroquine withdrawal. *Journal of Infection and Public Health*. https://doi.org/10.1016/j.jiph.2016.02.004
15. Ekene K. Nwaefuna, **Richmond Afoakwah**, Verner N. Orish, Alexander Egyir-Yawson, Johnson N. Boampong (2015). Effectiveness of Intermittent Preventive Treatment in Pregnancy with Sulphadoxine-Pyrimethamine against SubmicroscopicfalciparumMalaria in Central Region, Ghana. *Journal of Parasitology Research*. https://doi.org/10.1155/2015/959427
16. George Ghartey-Kwansah, Johnson N. Boampong, Benjamin Aboagye, **Richmond Afoakwah**, Elvis O. Ameyaw, Neils B. Quashie (2015). The Prevalence ofα-Thalassemia and Its Relation toPlasmodium falciparumInfection in Patients Presenting to Clinics in Two Distinct Ecological Zones in Ghana. *Hemoglobin*. https://doi.org/10.3109/03630269.2015.1095207
17. EK Abu, JN Boampong, **R Afoakwah**, Elvis Ofori Ameyaw, M Ntodie, I Ayi (2015). Visual outcome in ocular toxoplasmosis: A case series of 30 patients from Ghana. *J Clin Exp Ophthalmol*. https://www.researchgate.net/profile/Emmanuel-Abu-2/publication/283047189_Visual_Outcome_in_Ocular_Toxoplasmosis_A_Case_Series_of_30_Patients_from_Ghana/links/5627788b08ae2ebf92275625/Visual-Outcome-in-Ocular-Toxoplasmosis-A-Case-Series-of-30-Patients-from-Ghana.pdf
18. **Richmond Afoakwah**, Johnson N. Boampong, Alexander Egyir-Yawson, Ekene K. Nwaefuna, Orish N. Verner, Kwame K. Asare (2014). High prevalence of PfCRT K76T mutation in Plasmodium falciparum isolates in Ghana. *Acta Tropica*. https://doi.org/10.1016/j.actatropica.2014.03.030
19. E. K. ABU, J. N. BOAMPONG, I. AYI, G. GHARTEY-KWANSAH, **R. AFOAKWAH**, P. NSIAH, E. BLAY (2014). Infection risk factors associated with seropositivity forToxoplasma gondiiin a population-based study in the Central Region, Ghana. *Epidemiology and Infection*. https://doi.org/10.1017/s0950268814002957
20. Samuel Acquah, Johnson N Boampong, **R Afoakwah** (2014). Influence of education on HIV infection among pregnant women attending their antenatal care in Sekondi-Takoradi metropolis, Ghana. *Journal of*

Health Care for the Poor and Underserved. https://muse.jhu.edu/pub/1/article/552179/summary

21. Kwame Kumi Asare, Johnson Nyarko Boampong, Elvis Ofori Ameyaw, Ama Kyeraa Thomford, **Richmond Afoakwah**, Godwin Kwakye-Nuako, Kwesi Prah Thomford, Neils Ben Quashie (2014). Microscopic identification of possible Clonorchis/Opisthorchis infection in two Ghanaian women with undiagnosed abdominal discomfort: two case reports. *Journal of Medical Case Reports*. https://doi.org/10.1186/1752-1947-8-369
22. Kwame K Asare, Johnson N Boampong, **Richmond Afoakwah**, Elvis O Ameyaw, Rakesh Sehgal, Neils B Quashie (2014). Use of proscribed chloroquine is associated with an increased risk of pfcrt T76 mutation in some parts of Ghana. *Malaria Journal*. https://doi.org/10.1186/1475-2875-13-246
23. **R. Afoakwah**, J.N. Boampong, E. Aubyn (2012). Association of ABO blood groups and complicated Plasmodium falciparum malaria in Accra, Ghana. *International Journal of Infectious Diseases*. https://doi.org/10.1016/j.ijid.2012.05.340
24. **Richmond Afoakwah**, Denis W Aheto, Johnson N Boampong (2011). Available online at www. pelagiaresearchlibrary. com. *European Journal of Experimental Biology*. https://ir.ucc.edu.gh/server/api/core/bitstreams/37f8837f-45fc-420e-bd64-78b62c47e344/content
25. **Richmond Afoakwah**, JN Boampong (2011). Efficacy of rapid diagnostic test (RDT) in diagnosing Plasmodium falciparum malaria in some selected health facilities in the Cape Coast Metropolis of Ghana. *Advances in Applied Science Research*.
26. **R Afoakwah**, PK Feglo, Johnson N Boampong (2011). Pelagia Research Library. *European Journal of Experimental Biology*. https://ir.ucc.edu.gh/server/api/core/bitstreams/9e0fac04-c21b-4769-b23e-96eed8746371/content
27. DO Acheampong, **R Afoakwah**, JN Boampong (2011). Predonation testing of potential blood donors for hepatitis B virus infection: Approach to blood safety in Cape Coast, Ghana. *Arch Appl Sci Res*. https://www.researchgate.net/profile/Richmond-Afoakwah-2/publication/215980624_Predonation_testing_of_potential_blood_donors_for_hepatitis_B_virus_infection_approach_to_blood_safety_in_Cape_Coast_Ghana/links/0deec514a0be0f2f1f000000/Predonation-testing-of-potential-blood-donors-for-hepatitis-B-virus-infection-approach-to-blood-safety-in-Cape-Coast-Ghana.pdf
28. **R Afoakwah**, Desmond O Acheampong, JN Boampong (2011). Typhoid-Malaria Co-infection in Ghana. *European Journal of Experimental Biology*.

Book chapters 1

1. CO Kwakye-Nuako, **Richmond Afoakwah**, B Aboagye (2022). Do" the Best and the Brightest" of the Ghanaian Police Need Further Integrity Education? *Exploring Contemporary Police Challenges*. https://doi.org/10.4324/9781003136965-9/best-brightest-ghanaian-police-need-integrity-education-charlotte-kwakye-nuako-jon-maskály-sanja-kutnjak-ivković-richmond-afoakwah-benjamin-aboagye-patrick-armah-hammond

Reports 1

1. JN Boampong, Elvis Ofori Ameyaw, **R Afoakwah**, ND Darko (2015). Evaluation of antimalarial, anti-inflammatory and antipyretic activities of leaves extracts of Haematostaphis barteri. *University of Cape Coast*. https://ir.ucc.edu.gh/items/adf09dba-a482-4326-b50e-0812491f0b71

Theses 1

1. **Richmond Afoakwah** (2013). High Prevalence of Plasmodium Falciparum Drug Resistance Markers in Ghana, An Artemisinin-Based Combination Therapy (Act) Setting. *University of Cape Coast*. https://ir.ucc.edu.gh/items/808bb144-a102-4e83-9731-dfbea1150e58