DR. Albert Ofori

Senior Lecturer · Department of Chemistry
University of Cape Coast

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RESEARCH

Interests: INORGANIC CHEMISTRY

Areas: Health, Toxicology and Mutagenesis · Pollution · Organic Chemistry · Water Science and Technology · Environmental Chemistry · Biomaterials

RESEARCH SUMMARY

17	183	7	7	1.48	9%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 17 publications listed below, 2013–2026. Field-weighted impact is the mean over the 11 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 11 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Dr 2017–present
Chemistry, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Ph.D. 2014–2016
Chemistry, University of Eastern Finland, Joensuu, Finland

M.Sc. 2011–2013
chemistry, University of Eastern Finland, Kuopio, Finland

S.R.A 2009–2011
chemistry, University of Cape Coast, Cape Coast, Ghana

B.Sc. 2005–2009
chemistry, University of Cape Coast, Cape Coast, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

member 2017–present
Royal Society of Chemistry, London, United Kingdom

Counsellor/Hall Tutor 2017–present
Kwame Nkrumah Hall, University of Cape Coast, Cape Coast, Ghana

member 2016–present
Ghana Chemical Society, Accra, Ghana

member 2016–present
Ghana Science Association, Accra, Ghana

Best Graduating Chemist 2009
Chemistry, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 15

1. **Albert Ofori**, Michael Aboah, Isaac Benkyi, Charity Owusu, Acquaah Ezekiel Kojo, David K. Essumang (2026). Comparison of computational and experimental outcomes in the degradation approaches of PFAS: A review study. *Next Sustainability*. https://doi.org/10.1016/j.nxsust.2026.100256
2. Frank Adusei-Mensah, Charity Owusu, **Albert Ofori**, Samuel Kyei, Carl Halladay Abraham, Sunday Olaleye, Samson Oluwafemi Balogun, Richard Osei Agjei, David K. Essumang (2026). Knowledge, Attitudes, Practice and the Prevalence of Eye Conditions Among Commercial Fish Smokers in Abuesi, Ghana: A Cross-Sectional Study. *Health Science Reports*. https://doi.org/10.1002/hsr2.72493
3. Charity Owusu, **Albert Ofori**, Frank Adusei-Mensah, Micheal Asare, Reginald Quansah, David K. Essumang (2025). Indoor air pollution in traditional fish smokehouses in Abuesi, Ghana: Health and environmental implications. *Journal of industrial safety.*. https://doi.org/10.1016/j.jinse.2025.10.005
4. Charity Owusu, **Albert Ofori**, Frank Adusei-Mensah, Carl Halladay Abraham, Samuel Kyei, Reginald Quansah, David Kofi Essumang (2025). The Association Between Occupational Smoke Exposures and the Prevalence of Eye and Respiratory Health Conditions Among Commercial Fish Smokers in Abuesi, Ghana: A Cross-Sectional Self-Reported Study. *Environmental Health Insights*. https://doi.org/10.1177/11786302251317056
5. Charity Owusu, **Albert Ofori**, Frank Adusei-Mensah, Joseph Kweku Adjei, George Yaw Hadzi, John Kwesi Bentum, Reginald Quansah, David K Essumang (2024). Health Risk Assessment of Occupational Exposures of Polycyclic Aromatic Hydrocarbons, Phthalates, and Semi-Volatile Chlorinated Organic Compounds in Urine of Commercial Fish Smokers, Ghana. *Environmental Health Insights*. https://doi.org/10.1177/11786302241306932
6. Pipsa Hirva, Sirpa Jääskeläinen, Meeri Ollikainen, **Albert Ofori**, Igor O. Koshevoy (2024). Isomerism in Phenyl 2-Pyridyl Ketoxime Metal Complexes. *European Journal of Inorganic Chemistry*. https://doi.org/10.1002/ejic.202400523
7. Charity Owusu, **Albert Ofori**, Frank Adusei-Mensah, David Kwesi Dodoo, David K. Essumang (2024). Water quality, physicochemical, heavy metal content, and health risk assessment of borehole-water from selected mining communities in Ghana. *Groundwater for Sustainable Development*. https://doi.org/10.1016/j.gsd.2024.101230
8. Samuel Tetteh, **Albert Ofori**, Andrew Quashie, Sirpa Jääskeläinen, Sari Suvanto (2022). Modification of kaolinite/muscovite clay for the removal of Pb(II) ions from aqueous media. *Physical Sciences Reviews*. https://doi.org/10.1515/psr-2021-0145
9. Samuel Tetteh, **Albert Ofori** (2021). Effect of delocalization of nonbonding electron density on the stability of the M–Ccarbene bond in main group metal-imidazol-2-ylidene complexes: a computational and structural database study. *Physical Sciences Reviews*. https://doi.org/10.1515/psr-2020-0084
10. Joseph Kweku Adjei, **Albert Ofori**, Harry Kwaku Megbenu, Thomas Ahenguah, Alex Kissi Boateng, George Alimoh Adjei, John Kwesi Bentum, David Kofi Essumang (2021). Health risk and source assessment of semi-volatile phenols, p-chloroaniline and plasticizers in plastic packaged (sachet) drinking water. *The Science of The Total Environment*. https://doi.org/10.1016/j.scitotenv.2021.149008
11. Samuel Tetteh, Ruphino Zugle, **Albert Ofori**, John Prosper Kwaku Adotey (2019). Kinetics and Equilibrium Thermodynamic Studies of the Adsorption of Phenolphthalein and Methyl Orange onto Muscovite Clay. https://doi.org/10.22034/fcr.2020.122175.1017
12. **Albert Ofori** (2018). Deciphering the role of the cation in anionic cobaltabisdicarbollide clusters. *Journal of Organometallic Chemistry*. https://www.sciencedirect.com/science/article/pii/S0022328X18301918
13. **Albert Ofori** (2016). Pyrazole and pyrazolate as ligands in the synthesis and stabilization of new palladium (ii) and (iii) compounds. *Inorganic Chemistry*. https://doi.org/10.1021/acs.inorgchem.5b02506
14. **Albert Ofori** (2016). Versatile coordination modes in silver-imidazolecarbaldehyde oxime complexes: structural and computational analysis. *Crystal Growth & Design*. https://pubs.acs.org/cgdefu/article-

abstract/16/1/255/779117

15. **Albert Ofori** (2015). Benzoato and Thiobenzoato Ligands in the Synthesis of Dinuclear Palladium (III) and-(II) Compounds: Stability and Catalytic Applications. *European Journal of Inorganic Chemistry*. https://doi.org/10.1002/ejic.201500324

Theses 2

1. **Albert Ofori** (2016). Inter-and intramolecular interactions in the stabilization and coordination of palladium and silver complexes: DFT and QTAIM studies. *Itä-Suomen yliopisto*. https://erepo.uef.fi/bitstreams/0090922f-2987-4a84-99ca-19d25d35b210/download

2. **Albert Ofori** (2013). Tricapped triangular cobalt carbonyl clusters with chiral sulphur ligands. *Itä-Suomen yliopisto*. https://erepo.uef.fi/items/52b696fe-7251-4b69-b4a1-975e81582034