

Dr. Genevieve Etornam Adukpo

Senior Lecturer · Department of Chemistry
University of Cape Coast

ORCID [0000-0001-9642-1691](https://orcid.org/0000-0001-9642-1691) · Google Scholar scholar.google.com/citations?user=oyrbjTsAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/82f6ffa8-61a2-488c-92f4-79351c0ccf12

RESEARCH

Interests Natural Product · and Preparative Organic Synthesis

Areas Pharmacology · Plant Science · Education · Organic Chemistry · Biochemistry · Biochemistry

RESEARCH SUMMARY

19

Publications

280

Citations

7

h-index

6

i10-index

1.20

Field-weighted
impact

25%

World top 10%

Counted from the 19 publications listed below, 2004–2026. Field-weighted impact is the mean over the 8 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 8 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Dr

Department of Chemistry, University of Cape Coast, Cape Coast, Ghana

2005–present

EDUCATION AND QUALIFICATIONS

PhD

Chemistry, Breme University, Bremen, Germany

2002–2005

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Member

Chemistry, Royal Society of Chemistry, London, United Kingdom

2016–present

PUBLICATIONS

Journal articles 17

1. Samuel Kofi Tulashie, Abdul-Wadud Ibrahim Atiiga, Stephen Mensah, Simon Obutey Teye, Rachael Arkorful, Mustapha Iddrisu, Mavis Olayemi Olorunyomi, Francis Nsiah, Ruphino Zugle, George Alimoh, Genevieve Adukpo, Samuel Koomson (2026). Benchmarking accessible electrode materials for electrochemical sodium hypochlorite production. *Discover Electrochemistry*. <https://doi.org/10.1007/s44373-026-00152-z>
2. Francis Ackah Armah, Isaac Tabiri Henneh, Isaac Kingsley Amponsah, Robert Peter Biney, Fynn Malcolm, John Alake, Wisdom Ahlidja, Mustapha Abubakar Ahmed, Christian Kweku Adokoh, Genevieve Etornam Adukpo, Desmond Omane Acheampong, Peter K. Gathumbi (2021). Antidepressant and Anxiolytic Effects and Subacute Toxicity of the Aerial Parts of *Psychotria ankasensis* J.B.Hall (Rubiaceae) in Murine Models. *Evidence-based Complementary and Alternative Medicine*. <https://doi.org/10.1155/2021/5543320>
3. Alexander Weremfo, Michael Buenor Adinortey, Charles Ansah, Cynthia Ayefoumi Adinortey, Genevieve Etornam Adukpo, Elvis Ofori Ameyaw, Alexander Kwadwo Nyarko (2018). DNA damage protecting activity and antioxidant potential of *Launaea taraxacifolia* leaves extract. *Journal of Natural Science Biology and Medicine*. https://doi.org/10.4103/jnsbm.jnsbm_22_17
4. Yaw Opoku-Boahen, GE Adukpo, FA Armah (2016). Anti-inflammatory and antioxidant activities of

canthinone alkaloids from *Anthostema aubryanum* (Baill). *Nat Prod Plant Resour.* https://www.researchgate.net/profile/Malcolm-Fynn/publication/302328395_Anti-inflammatory_and_antioxidant_activities_of_canthinone_alkaloids_from_Anthostema_aubryanum_Baill/links/5731fd7108ae9ace84047656/Anti-inflammatory-and-antioxidant-activities-of-canthinone-alkaloids-from-Anthostema-aubryanum-Baill.pdf

5. Hanson R., Twumasi A. K., Aryeetey C., Sam A., Adukpo G. (2016). Secondary School Students' Conceptual Understanding of Physical and Chemical Changes. *Asian Journal of Education and Training.* <https://doi.org/10.20448/journal.522/2016.2.2/522.2.44.52>
6. GE Adukpo (2013). Assessment of functional properties and Nutritional composition of some cowpea (*Vigna unguiculata* L.) genotypes in Ghana ARPN. *Journal of Agricultural and Biological Science.* <https://scholar.google.com/scholar?cluster=5093265026240858468&hl=en&oi=scholar>
7. Aaron T Asare, GE Adukpo (2013). Assessment of functional properties and nutritional composition of some cowpea (*Vigna unguiculata* L.) genotypes in Ghana. *Asian Journal of Plant Science and Research.* https://www.academia.edu/download/78777771/jabs_0613_578.pdf
8. Robert Agbemaflle, Genevieve E Adukpo, Aaron T Asare, Edward A Obodai (2013). Effects of pre-storage treatments (using brine and vinegar) and refrigerated storage on vitamin c, β carotene, microbial load and shelf-life of red pepper (*Capsicum frutescens*). *Asian Journal of Plant Science and Research.* <https://ir.ucc.edu.gh/items/59fe2745-fae3-4003-b2d8-6745574ac998>
9. John Prosper Kwaku Adotey, Genevieve Etornam Adukpo, Yaw Opoku Boahen, Frederick Ato Armah (2012). A Review of the Ethnobotany and Pharmacological Importance of *Alstonia boonei* De Wild (Apocynaceae). *ISRN Pharmacology.* <https://doi.org/10.5402/2012/587160>
10. MB Adinortey, JK Sarfo, GE Adukpo (2012). Acute and sub-acute oral toxicity assessment of hydro-alcoholic root extract of *Paullinia pinnata* on haematological and biochemical parameters. *Biology and medicine.* <https://go.gale.com/ps/i.do?id=GALE%7CA357969045&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=09748369&p=AONE&sw=w>
11. R Agbemaflle, Edward A Obodai, GE Adukpo (2012). Effects of boiling time on the concentrations of vitamin C and beta-carotene in five selected green vegetables consumed in Ghana. *Applied Science Research.* <https://doi.org/10.5555/20123377371>
12. Genevieve Etornam Adukpo (2012). Evaluation of the Antimicrobial Activity of *Zanthoxylum zanthoxyloides* Root Bark Extracts. *Research Journal of Medicinal Plant.* <https://www.academia.edu/download/89654284/qredirect.pdf>
13. G Etornam Adukpo, JP Kwaku Adotey, D Gyngiri Achel, S Dede Osae, JR Fianko, B Adu-Gyamfi, DO Amankwaa (2012). Trace and heavy metals analysis of *Phyllanthus amarus* and *Phyllanthus fraternus* in Ghana. *International Journal of Biological and Chemical Sciences.* <https://doi.org/10.4314/ijbcs.v6i1.39>
14. Agbemaflle, Robert, E.Adukpo, Genevieve, T. Asare, Aaron, A. Obodai, Edward (2011). Effects of pre-storage treatments (using brine and vinegar) and refrigerated storage on vitamin c, β -carotene, microbial load and shelf-life of red pepper (*Capsicum frutescens*). *HAL (Le Centre pour la Communication Scientifique Directe).*
15. GE Adukpo, JPK Adotey, DS Agyirifo (2010). Anti-Typhoid Properties of *Phyllanthus amarus* Extracts. *Journal of the Ghana Science Association.* <https://www.academia.edu/download/89095547/2d6b4879c80d2c4dcec10989feb85e1ec0fc.pdf>
16. Genevieve Etornam Adukpo, Tobias Borrmann, René Manski, Rosa I. Sáez Díaz, Wolf-Dieter Stohrer, Franz-Peter Montforts (2006). Synthesis of an Enantiomerically Pure Building Block for the Synthesis of Hydroporphyrins. *European Journal of Organic Chemistry.* <https://doi.org/10.1002/ejoc.200600656>
17. GE Adukpo (2004). Synthetic studies directed to an enantiomerically pure model compound for tolporphin A. *JOURNAL OF PORPHYRINS AND PHTHALOCYANINES.* <https://scholar.google.com/scholar?cluster=12704820557371531307&hl=en&oi=scholar>

Theses 2

1. Genevieve Etornam Adukpo (2020). Candidate's Declaration. *University of Cape Coast*. <https://ir.ucc.edu.gh/server/api/core/bitstreams/f5edded9-75fb-4546-9ce3-817d140c9fd0/content>
2. Genevieve Etornam Adukpo (2005). Synthesis of an Enantiomerically Pure Ring A building block for Tolyporphin and Tolyporphin Derivatives. *Bremen, Universität Bremen, Diss.*, 2005. https://www.academia.edu/download/74228992/Synthesis_of_an_Enantiomerically_Pure_Ri20211105-5537-6gyxpr.pdf