Dr. Genevieve Etornam Adukpo

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RESEARCH

Interests	Natural Product · and Preparative Organic Synthesis
Areas	Pharmacology · Plant Science · Education · Organic Chemistry · Biochemistry · Biochemistry

RESEARCH SUMMARY

19	280	7	6	1.20	25%
Publications	Citations	h-index	i10-index	Field-weighted impact	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 2005–present
Department of Chemistry, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD 2002–2005
Chemistry, Breme University, Bremen, Germany

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Member 2016–present
Chemistry, Royal Society of Chemistry, London, United Kingdom

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, MichaelBuenor Adinortey, Charles Ansah, CynthiaAyefoumi Adinortey, **GenevieveEtornam Adukpo**, ElvisOfori Ameyaw, AlexanderKwadwo 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. PM Fynn, 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=scholarr
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 Agbemafle, **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 ofAlstonia booneiDe Wild (Apocynaceae). *ISRN Pharmacology*. https://doi.org/10.5402/2012/587160
10. MB Adinortey, JK Sarfo, **GE Adukpo**, MA Ahmed (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 Agbemafle, 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 za nthoxyloides Root Bark Extracts. *Research Journal of Medicinal Plant*. https://www.academia.edu/download/89654284/qredirect.pdf
13. **G Etornam Adukpo**, JP Kwaku Adotey, D Gyingiri 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. Agbemafle, 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, ?Ž?²-carotene, microbial load and shelf-life of red pepper (Capsicum frutescens). *HAL (Le Centre pour la Communication Scientifique Directe)*.
15. **GE Adukpo**, NTK Dayie, 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 tolyporphin A. *JOURNAL OF PORPHYRINS AND PHTHALOCYANINES*. https://scholar.google.com/scholar?cluster=12704820557371531307&hl=en&oi=scholarr

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