Daniel Anokwah

Senior Lecturer · Pharmacology
University of Cape Coast

ORCID 0000-0001-7086-9332 · Google Scholar scholar.google.com/citations?user=Hlb6oeYAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/74885b32-2cb4-47e4-9da4-623278814aa7

RESEARCH

Interests	Phytochemistry · Natural Product Evaluation · Standardisation and Quality Control of Natural
Areas	Plant Science · Molecular Biology · Pharmacology · Complementary and alternative medicine · Food Science · Pharmacology

RESEARCH SUMMARY

24	217	9	9	1.13	10%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 24 publications listed below, 2016–2026. Field-weighted impact is the mean over the 20 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 20 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer 2022–present
School of Pharmacy, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

MASTER OF EDUCATION (TEACHING IN HIGHER INSTITUTIONS) 2024–2025
CENTRE FOR TEACHING SUPPORT, University of Cape Coast, Cape Coast, Ghana

Doctor of Philosophy 2017–2020
Pharmacognosy, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Master of Philosophy 2015–2017
Pharmacognosy, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Bachelor of Pharmacy 2010–2014
Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Full member 2020–present
University Teachers Association of Ghana (UTAG), Cape Coast, Ghana

Full member 2016–present
Pharmaceutical Society of Ghana, Accra, Ghana

Full member 2016–present
Member, Society for Medicinal Plants and Natural Products Research GA, Darmstadt, Germany

PUBLICATIONS

Journal articles 23

1. Douglas Arthur, Serwaa Asare-Bediako, Patrick Opoku Manu Maison, Augustine Arthur, Joseph Amoabeng, Stephen Adu-Danquah, **Daniel Anokwah**, Elvis Ofori Ameyaw (2026). African herbal medicines used in prostate cancer management: A scoping review of ethnobotanical knowledge and preclinical evidence. *Next research.*. https://doi.org/10.1016/j.nexres.2026.102187
2. Reinhard Isaac Nketia, Desmond Nkrumah, Silas Adjei, Arnold Forkuo Donkor, **Daniel Anokwah**, Evelyn Asante-Kwatia, Isaac Kingsley Amponsah, Edmund Ekuadzi, Gustav Komlaga (2026). Antimalarial Potential of Phragmanthera capitata : An Insight Into the Activity of Its Extracts and Isolated Compounds. *Natural Product Communications*. https://doi.org/10.1177/1934578x261456116
3. **DANIEL ANOKWAH**, B Aboagye, E Obese, Elvis Ofori Ameyaw, EA Adakudugu (2025). In vitro antioxidant and antiarthritic effects of Persicaria lanigera R. Br. Sojak (Polygonaceae) leaf extract in complete Freund's Adjuvant-induced rheumatoid arthritis model …. *Pharmacological Research-Natural Products*. https://www.sciencedirect.com/science/article/pii/S2950199725000114
4. Isaac Yaw Attah, Benjamin Amoani, **Daniel Anokwah**, Maame Yaa Adomah Aboagye, Ernest Obese, Robert Peter Biney (2025). The anti-schistosomal activity of Rauwolfia vomitoria and its isolates: Cytotoxicity and isobolographic studies. *Journal of Phytomedicine and Therapeutics*. https://doi.org/10.4314/jopat.v24i2.7
5. Meshack Antwi-Adjei, Ernest Obese, Emmanuel Awintiig Adakudugu, Benjamin Aboagye, **Daniel Anokwah**, Akua Afriyie Karikari, Roberta Antwi-Adjei, Elvis Ofori Ameyaw (2024). Persicaria lanigera (Polygonaceae) leaf extract exhibits antiulcerogenic and antiproliferative activities against acetic acid-induced ulcerative colitis and cotton pellet-induced granuloma tissue in rats. *Asian Pacific Journal of Tropical Biomedicine*. https://doi.org/10.4103/apjtb.apjtb_286_24
6. Evelyn Asante-Kwatia, Michael Kwesi Baah, Arnold Donkor Forkuo, **Daniel Anokwah**, Reinhard Isaac Nketia, Lord Gyimah, Abraham Yeboah Mensah (2023). A Study on Justicia flava (Forssk.) Vahl.: Pharmacognostic Characterization and Antiplasmodial and Anti-Inflammatory Properties of the Leaves. *The Scientific World JOURNAL*. https://doi.org/10.1155/2023/9133288
7. **Daniel Anokwah**, Evelyn Asante-Kwatia, Jonathan Asante, Daniel Obeng-Mensah, Cynthia Amaning Danquah, Isaac Kingsley Amponsah, Elvis Ofori Ameyaw, Robert Peter Biney, Ernest Obese, Lukas Oberer, Daniel Gyamfi Amoako, Akebe Luther King Abia, Abraham Yeboah Mensah (2023). Antibacterial, Resistance Modulation, Anti-Biofilm Formation, and Efflux Pump Inhibition Properties of Loeseneriella africana (Willd.) N. Halle (Celastraceae) Stem Extract and Its Constituents. *Microorganisms*. https://doi.org/10.3390/microorganisms12010007
8. **D Anokwah**, E Asante-Kwatia, J Asante, D Obeng-Mensah, CA Danquah, Elvis Ofori Ameyaw (2023). Antibacterial, Resistance Modulation, Anti-Biofilm Formation, and Efflux Pump Inhibition Properties of Loeseneriella africana (Willd.) N. Halle (Celastraceae) Stem …. *Microorganisms*. https://www.mdpi.com/2076-2607/12/1/7
9. Meshack Antwi-Adjei, Ernest Obese, Emmanuel Awiintig Adakudugu, Isaac Tabiri Henneh, Robert Peter Biney, Benjamin Aboagye, Benjamin Amoani, **Daniel Anokwah**, Elvis Ofori Ameyaw (2023). Modulating Effects of the Hydroethanolic Leaf Extract of Persicaria lanigera R. Br. Soják (Polygonaceae) against Acute Inflammation. *The Scientific World JOURNAL*. https://doi.org/10.1155/2023/5567410
10. Robert Peter Biney, Silas Acheampong Osei, Evelyn Asante-Kwatia, Edmund Amponsah Boateng, **Daniel Anokwah**, Donatus Wewura Adongo, Elvis Ofori Ameyaw (2023). Neuropharmacological assessment of the methanolic stem back extract of Anopyxis klaineana (Pierre) Engl. (Rhizophoraceae) in mice. *Phytomedicine Plus*. https://doi.org/10.1016/j.phyplu.2023.100470
11. **Daniel Anokwah**, Evelyn Asante-Kwatia, Yakubu Jibira, Isaac Kingsley Amponsah, Samuel Kyei, Grace Pinkrah Cobbold, Benjamin Adzekey, Ernest Obese, Elvis Ofori Ameyaw, Robert Peter Biney, Abraham Yeboah Mensah (2023). Pharmacognostic study, anti-inflammatory and, antioxidant activities of Loeseneriella africana. *South African Journal of Botany*. https://doi.org/10.1016/j.sajb.2023.03.027
12. **Daniel Kweku Anokwah**, Pascal Furet, Regis Denay, Dorina Kotoni, Dominique Bixel, Thomas

Allmendinger (2022). 9-epi-Artemisinin – How a Single Stereo Center Affects Chemical Reactivity under Reductive Conditions. *Helvetica Chimica Acta*. https://doi.org/10.1002/hlca.202100230

13. **Daniel Anokwah**, Evelyn Asante Kwatia, Isaac Kingsley Amponsah, Yakubu Jibira, Benjamin Kingsley Harley, Elvis Ofori Ameyaw, Ernest Obese, Robert Peter Biney, Abraham Yeboah Mensah (2022). Evaluation of the anti-inflammatory and antioxidant potential of the stem bark extract and some constituents of Aidia genipiflora (DC.) dandy (rubiaceae). *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e10082
14. Benjamin Kingsley Harley, Isaac Kingsley Amponsah, Inemesit Okon Ben, Nana Ama Mireku-Gyimah, **Daniel Anokwah**, David Neglo, Cedric Dzidzor K. Amengor, Theophilus Christian Fleischer (2022). Hypoglycaemic activity of Oleanonic acid, a 3-oxotriterpenoid isolated from Aidia Genipiflora (DC.) Dandy, involves inhibition of carbohydrate metabolic enzymes and promotion of glucose uptake. *Biomedicine & Pharmacotherapy*. https://doi.org/10.1016/j.biopha.2022.112833
15. Jonathan Asante, Akebe L. K. Abia, **Daniel Anokwah**, Bakoena A. Hetsa, Dorcas O. Fatoba, Linda A. Bester, Daniel G. Amoako (2022). Phenotypic and Genomic Insights into Biofilm Formation in Antibiotic-Resistant Clinical Coagulase-Negative Staphylococcus Species from South Africa. *Genes*. https://doi.org/10.3390/genes14010104
16. Ernest Obese, Elvis O. Ameyaw, Robert P. Biney, Isaac T. Henneh, Nora Jackson, **Daniel Anokwah**, Augustine Brah, Esther E. Oppong, Emmanuel A. Adakudugu (2021). A Hydroethanolic Leaf Extract of Persicaria lanigera Possesses Antinociceptive Activity through Cytokine and Glutamatergic Pathways In Vivo. *Evidence-based Complementary and Alternative Medicine*. https://doi.org/10.1155/2021/5586789
17. Akua Frema Barfour, Abraham Yeboah Mensah, Evelyn Asante-Kwatia, Cynthia Amaning Danquah, **Daniel Anokwah**, Silas Adjei, Michael Kwesi Baah, Merlin L. K. Mensah (2021). Antibacterial, Antibiofilm, and Efflux Pump Inhibitory Properties of the Crude Extract and Fractions from Acacia macrostachya Stem Bark. *The Scientific World JOURNAL*. https://doi.org/10.1155/2021/5381993
18. Ernest Obese, Robert P. Biney, Isaac T. Henneh, **Daniel Anokwah**, Emmanuel A. Adakudugu, Eric Woode, Elvis O. Ameyaw (2021). Antinociceptive effect of the hydroethanolic leaf extract of Calotropis procera (Ait) R. Br. (Apocynaceae): Possible involvement of glutamatergic, cytokines, opioidergic and adenosinergic pathways. *Journal of Ethnopharmacology*. https://doi.org/10.1016/j.jep.2021.114261
19. **Daniel Anokwah**, Evelyn Asante-Kwatia, Abraham Y. Mensah, Cynthia Amaning Danquah, Benjamin K. Harley, Isaac Kingsley Amponsah, Lukas Oberer (2021). Bioactive constituents with antibacterial, resistance modulation, anti-biofilm formation and efflux pump inhibition properties from Aidia genipiflora stem bark. *Clinical Phytoscience*. https://doi.org/10.1186/s40816-021-00266-4
20. **Daniel Anokwah**, AY Mensah, E Asante-Kwatia (2021). Pharmacognostic characterization and development of standardization parameters for the quality control of aidia genipiflora (dc.) dandy. *Journal of Science and Technology*. https://journal.knust.edu.gh/index.php/just/article/view/1237
21. Ernest Obese, Robert Peter Biney, Isaac Tabiri Henneh, Emmanuel Awintiig Adakudugu, **Daniel Anokwah**, Lovia Serwaa Agyemang, Eric Woode, Elvis Ofori Ameyaw (2021). The Anticonvulsant Effect of Hydroethanolic Leaf Extract of Calotropis procera (Ait) R. Br. (Apocynaceae). *Neural Plasticity*. https://doi.org/10.1155/2021/5566890
22. Evelyn Afua Mireku, Abraham Yeboah Mensah, Isaac Kingsley Amponsah, Cynthia Amaning Danquah, **Daniel Anokwah**, Michael Kwesi Baah (2018). Antimicrobial pentacyclic triterpenes and glycosides from the stem bark ofCussonia bancoensis. *Natural Product Research*. https://doi.org/10.1080/14786419.2018.1503262
23. **Daniel Anokwah**, AY Mensah (2016). Anti-inflammatory, antioxidant and antimicrobial activities of the stem bark of Psydrax subcordata. *Der Pharmacia Lettre*. https://www.researchgate.net/profile/Evelyn-Asante-Kwatia/publication/316889074_Anti-inflammatory_antioxidant_and_antimicrobial_activities_of_the_stem_bark_of_Psydrax_subcordata/links/5fca6aa892851c00f84d57a2/Anti-inflammatory-antioxidant-and-antimicrobial-activities-of-the-stem-bark-of-Psydrax-subcordata.pdf

Conference papers 1

1. **D Anokwah**, AY Mensah, EA Mireku, CA Danquah (2019). Antimicrobial and anti-inflammatory potentials of Aidia genipiflora (DC.) Dandy (Rubiaceae). *Planta Medica*. https://doi.org/10.1055/s-0039-3399992