

Ama Kyeraa Thomford

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RESEARCH

Interests Herbal Medicine Practice · Natural Products Chemistry and
Areas Plant Science · Molecular Biology · Complementary and alternative medicine · Food Science ·
Pharmacology · Cancer Research

RESEARCH SUMMARY

25	188	8	7	1.00	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 25 publications listed below, 2013–2024. Field-weighted impact is the mean over the 16 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 16 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer Biomedical Sciences, University of Cape Coast, Cape Coast, Ghana	2020–present
Lecturer Biomedical Sciences, University of Cape Coast, Cape Coast, Ghana	2018–2020
Assistant Lecturer Biomedical Sciences, University of Cape Coast, Cape Coast, Ghana	2013–2018
Medical Herbalist/ Unit Head Herbal Medicine Unit, Cape Coast Metropolitan Hospital, Cape Coast, Ghana	2011–2012

EDUCATION AND QUALIFICATIONS

PhD Pharmaceutical Sciences Laboratory in Medicinal Plants Garden, Nagasaki University, Nagasaki, Japan	2015–2018
PhD Student Laboratory in Medicinal Plants Garden, Nagasaki University, Nagasaki, Japan	2015–2018
MPhil Pharmacology Pharmacology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana	2009–2012

PUBLICATIONS

Journal articles 24

1. Ama Kyeraa Thomford, Kwesi Prah Thomford, Andrews Ebo Tetteh, Rosemary Sorkpor, Joseph Yorke (2024). Safety and efficacy of *Lippia multiflora* in the management of stage I hypertension: outcomes of a randomised controlled trial. *Journal of Herbal Medicine*. <https://doi.org/10.1016/j.hermed.2024.100947>
2. Sameh S. Elhady, Elsayed A. Ibrahim, Marwa S. Goda, Mohamed S. Nafie, Hanan Samir, Reem M. Diri, Abdulrahman M. Alahdal, Ama Kyeraa Thomford, Alaa El Gindy, Ghada M. Hadad, Jihan M. Badr, Reda F. A. Abdelhameed (2022). GC-MS/MS Quantification of EGFR Inhibitors, β -Sitosterol, Betulinic Acid, (+) Eriodictyol, (+) Epipinoresinol, and Secoisolariciresinol, in Crude Extract and Ethyl Acetate Fraction of

Thonningia sanguinea. *Molecules*. <https://doi.org/10.3390/molecules27134109>

3. Anthony Nketia, Emmanuel Nakua, Andrews William Tetteh, Kwesi Prah Thomford, Kwame O. Boadu, Ama Kyeraa Thomford, Richmond Amo (2022). Herbal medicine practice in Ghana: A cross-sectional study to understand the factors influencing patient utilization of herbal medicine services. *International Research Journal of Public and Environmental Health*. <https://doi.org/10.15739/irjpeh.22.003>
4. E Nakua, Kwesi P Thomford (2022). Non-inclusion of certified herbal medicines in the National Health Insurance Scheme affects patient utilization of integrated herbal medicine services in Ghana. *Traditional Med Res*. <https://www.tmrjournals.com/public/articlePDF/20220420/20c9c8be783d0ddff28d765772d08886.pdf>
5. KA Mensah, KP Thomford (2022). PREDICTORS OF HERBAL MEDICINE USE AMONG PREGNANT WOMEN ACCESSING PRENATAL CARE FROM THE KUMASI-SOUTH HOSPITAL IN GHANA. *Journal of Pharmaceutical & Allied Sciences*. <https://openurl.ebsco.com/contentitem/gcd:161989296?sid=ebsco:plink:crawler-gcd&id=ebsco:gcd:161989296&crl=c&jrnl=15968499>
6. Kwesi Prah Thomford, Joseph Yorke, Ama Kyeraa Thomford, Isaac Kingsley Amponsah (2021). A formulation of *Clausena anisata* (Willd.) Hook. f. Ex Benth and *Cassia sieberiana* DC. alleviates the symptoms associated with osteoarthritis: a single-blind, randomised controlled trial of a traditional Ghanaian remedy. *Clinical Phytoscience*. <https://doi.org/10.1186/s40816-021-00313-0>
7. Kwesi Prah Thomford, Ama Kyeraa Thomford, Joseph Yorke, Ronald Yeboah, Alfred Ampomah Appiah (2021). *Momordica charantia* L. for hyperlipidaemia: A randomised controlled assessment of the Ghanaian herbal medicinal product MCP-1. *Journal of Herbal Medicine*. <https://doi.org/10.1016/j.hermed.2021.100453>
8. Reda F. A. Abdelhameed, Sameh S. Elhady, Alaa Sirwi, Hanan Samir, Elsayed A. Ibrahim, Ama Kyeraa Thomford, Alaa El Gindy, Ghada M. Hadad, Jihan M. Badr, Mohamed S. Nafie (2021). *Thonningia sanguinea* Extract: Antioxidant and Cytotoxic Activities Supported by Chemical Composition and Molecular Docking Simulations. *Plants*. <https://doi.org/10.3390/plants10102156>
9. Emmanuel A. Adakudugu, David D. Obiri, Elvis O. Ameyaw, Ernest Obese, Robert P. Biney, Douglas B. Aidoo, Isaac T. Henneh, Elizabeth N. Oge, Ama K. Thomford, Madison Adanusa (2020). Bergapten modulates ovalbumin-induced asthma. *Scientific African*. <https://doi.org/10.1016/j.sciaf.2020.e00457>
10. Desmond Omane Acheampong, Ninette Owusu-Adzorah, Francis Ackah Armah, Enoch Aninagyei, Ernest Amponsah Asiamah, Ama Kyeraa Thomford, William Kofi Anyan (2020). Ethnopharmacological evaluation of schistosomicidal and cercaricidal activities of some selected medicinal plants from Ghana. *Tropical Medicine and Health*. <https://doi.org/10.1186/s41182-020-00205-y>
11. Andrews W. Tetteh, Kwesi P. Thomford, Merlin L. Mensah, Kwame O. Boadu, Ama K. Thomford, Isaac K. Amponsah, Godfred Amofa, Benard K. Turkson, Michael O. Agyemang, Emmanuel D. J. Owusu-Ansah (2020). Ghanaian herbal medicines for malaria: An Evaluation of the Clinical Safety and Effectiveness of "Time Herbal Mixture" in uncomplicated malaria. *Pharmacognosy Research*. https://doi.org/10.4103/pr.pr_23_19
12. Augustina Angelina Sylverken, DD Obiri, Elvis O Ameyaw, A Banunle, Robert P Biney, Isaac T Henneh, Ama K Thomford, Madison Adanusa (2020). Scientific African. *Carbon*. https://www.researchgate.net/profile/Hamza-Zine/publication/346551011_Guidelines_for_a_phytomanagement_plan_by_the_phytostabilization_of_mining_wastes/links/5fcfd13392851c00f85f0f28/Guidelines-for-a-phytomanagement-plan-by-the-phytostabilization-of-mining-wastes.pdf
13. Alex Boye, Justice Kwaku Addo, Desmond Omane Acheampong, Ama Kyeraa Thomford, Emmanuel Asante, Regina Elorm Amoaning, Dominic Nkwantabisa Kuma (2020). The hydroxyl moiety on carbon one (C1) in the monoterpene nucleus of thymol is indispensable for anti-bacterial effect of thymol. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2020.e03492>
14. Ronald Yeboah, Kwesi P. Thomford, Rudolph Mensah, Alfred A. Appiah, Ama K. Thomford, Augustine Ocloo (2019). A pilot study on the efficacy of an *Antiaris toxicaria* subsp. *africana* (Engl.) C.C. Berg based Ghanaian herbal product in the management of peripheral neuropathy. *Journal of Pharmacy & Pharmacognosy Research*. https://doi.org/10.56499/jppres17.346_7.1.59
15. Kwesi Prah Thomford, Merlin Lincoln Kwao Mensah, Rita A. Dickson, Ama Kyeraa Thomford, Alfred

Ampomah Appiah, Stephen Yao Gbedema (2019). Appraisal of the Constituent Plant Materials in a Ghanaian Antifungal Herbal Product; An in vitro Interactive Combination Analysis and a Pilot Clinical Study to Determine Efficacy. *International Journal of Phytomedicine*.

16. Ama Kyeraa Thomford, Reda Fouad Ahmed Abdelhameed, Koji Yamada (2018). Chemical studies on the parasitic plant *Thonningia sanguinea* Vahl. *RSC Advances*. <https://doi.org/10.1039/c8ra03913e>
17. Elvis Ofori Ameyaw, Kennedy Kwami Edem Kukuia, Ama Kyeraa Thomford, Samuel Kyei, Priscilla Kolibea Mante, Johnson Nyarko Boampong (2016). Analgesic properties of aqueous leaf extract of *Haematostaphis barteri*: involvement of ATP-sensitive potassium channels, adrenergic, opioidergic, muscarinic, adenosinergic and serotonergic pathways. *Journal of Basic and Clinical Physiology and Pharmacology*. <https://doi.org/10.1515/jbcpp-2015-0108>
18. Ama Kyeraa Thomford (2015). Re-evaluating the efficacy of the aqueous leaf extract of *Bridelia ferruginea* and its potential combination with metformin in the management of diabetes mellitus. *Journal of Medicinal Herbs and Ethnomedicine*. <https://ir.ucc.edu.gh/server/api/core/bitstreams/65678e8d-968c-4c0d-9308-12039edf4ea3/content>
19. Ama Thomford, Kwesi Thomford, Fred Ayertey, Dominic Edoh, Kobena Thomford, Elvis Ameyaw, J. Boampong, M. Enimil, S. Bioh (2015). The Ethanolic Leaf Extract of *Alchornea cordifolia* (Schum. and Thonn.) Muell. Arg Inhibits the Development of Dyslipidaemia and Hyperglycaemia in Dexamethasone-Induced Diabetic Rats. *Journal of Applied Pharmaceutical Science*. <https://doi.org/10.7324/japs.2015.50910>
20. Elvis Ofori Ameyaw, JN Boampong, AK Thomford (2014). Ethanolic root extract of *Jatropha curcas* L. relieves muscle pain in rats. *Research & Reviews: Journal of Pharmacology*. <https://ir.ucc.edu.gh/items/fa600a4e-ab22-4fcc-995a-11f2563c72c5>
21. Elvis Ofori Ameyaw, AK Thomford (2014). Evaluating the effect of an aqueous extract of *Pistia stratiotes* Linn (Araceae) on tear secretion and tear film stability in ICR mice. *Journal of Applied Pharmaceutical Science*. <https://doi.org/10.7324/japs.2014.40801>
22. Kwesi Prah Thomford, K Ofori-Kwakye, SL Kipo (2014). Formulation of oral capsules from asena herbal decoction used traditionally in Ghana for the treatment of arthritis. *World Journal Pharmacy and Pharmaceutical Science*. https://www.researchgate.net/profile/Kwabena-Ofori-Kwakye/publication/264404741_FORMULATION_OF_ORAL_CAPSULES_FROM_ASENA_HERBAL_DECOCTION_USED_TRADITIONALLY_IN_GHANA_FOR_THE_TREATMENT_OF_ARTHRITIS/links/53db95e10cf2a76fb667a5e2/FORMULATION-OF-ORAL-CAPSULES-FROM-ASENA-HERBAL-DECOCTION-USED-TRADITIONALLY-IN-GHANA-FOR-THE-TREATMENT-OF-ARTHRITIS.pdf
23. 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>
24. Merlin LMensah, KP Thomford, FC Mills-Robertson (2013). Quality and safety evaluation of a Ghanaian polyherbal product EAF-2011 for the management of superficial mycoses. *International Journal of Medicine and Biomedical Research*. https://www.researchgate.net/profile/Kp-Thomford/publication/273928008_Quality_and_safety_evaluation_of_a_Ghanaian_polyherbal_product_EAF-2011_for_the_management_of_superficial_mycoses/links/5587f0f108ae7bc2f44d77d1/Quality-and-safety-evaluation-of-a-Ghanaian-polyherbal-product-EAF-2011-for-the-management-of-superficial-mycoses.pdf?origin=journalDetail&_tp=eyJwYWdlIjoiam91cm5hbERldGFpbCJ9

Theses 1

1. KWESI PRAH THOMFORD (2015). CLINICAL EVALUATION AND MONOGRAPH DEVELOPMENT FOR A GHANAIAN POLYHERBAL PRODUCT (EAF-2011) USED IN THE MANAGEMENT OF SUPERFICIAL MYCOSES. NKRUMAH UNIVERSITY. <https://scholar.google.com/scholar?cluster=8850704647892704771&hl=en&oi=scholar>