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RESEARCH

Areas: Molecular Biology · Pharmacology · Plant Science · Emergency Medical Services · Food Science · Geriatrics and Gerontology

RESEARCH SUMMARY

11	34	4	1	0.17	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 11 publications listed below, 2018–2026. 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. 0 of the 11 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

University of Cape Coast
Cape Coast, Ghana

PUBLICATIONS

Journal articles 11

1. Inemesit Okon Ben, Edinam Donkor Akakpo, Kwame Osei Nyarko Akuoko, Mike Okweesi Aggrey, Theophilus Duku Asamoah, **Phyllis Elsie Owusu-Agyei**, Mary Gyan, Prudent Gokah, Cedric Dzidzor K. Amengor, Benjamin Kingsley Harley (2026). Analgesic activity of fabiocinine and arborinine, acridone alkaloids from Zanthoxylum zanthoxyloides: In vivo, network pharmacology and molecular docking studies. *In Silico Research in Biomedicine*. https://doi.org/10.1016/j.insi.2026.100531
2. Inemesit Okon Ben, **Phyllis Elsie Owusu Agyei**, Naeema Amerley Peregrino-Amamoo, Elizabeth Elikplim Agbeko, Theophilus Duku Asamoah, Donatus Wewura Adongo, Benjamin Kingsley Harley (2026). In vivo and in silico assessment of anti-inflammatory and analgesic activities of dulcisflavan and 3-oxo-friedelan 20α-oic acid. *Discover Chemistry*.. https://doi.org/10.1007/s44371-026-00750-1
3. Stephen Mensah Arhin, Isaac Tabiri Henneh, Kwasi Sobre Nkrumah, Ewura Seidu Yahaya, **Phyllis Elsie Owusu Agyei**, Meshack Antwi-Adjei, Martins Ekor (2026). Medication error reporting in Ghana: A multicenter assessment of healthcare professionals' knowledge, attitudes and practices. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0335116
4. Stephen Mensah Arhin, Isaac Tabiri Henneh, Theodora Dedo Azu, Joseph Arhin, Kwasi Sobre Nkrumah, Meshack Antwi-Adjei, Ewura Seidu Yahaya, **Phylis Elsie Owusu Agyei**, Emmanuel Nkrumah, Frank Osei-Poku, James Kojo Prah, Kwesi Boadu Mensah, Martins Ekor (2026). Medication errors and medication error reporting practices in Ghana: a systematic review. *Therapeutic Advances in Drug Safety*. https://doi.org/10.1177/20420986261444513
5. Ewura Seidu Yahaya, Jesse Azebiik Anak, Nana Ama Amissah, Collins Obuah, **Phyllis Elsie Owusu Agyei**, Roland Osei Saahene, Michael Ainooson, Anthony Ablordey, Martins Ekor (2024). In vitro antibacterial and synergistic activity of pyrazolyl sulphonamide derivatives against Staphylococcus haemolyticus. *Journal of Applied Pharmaceutical Research*. https://doi.org/10.69857/joapr.v12i5.658
6. Inemesit Okon Ben, Lydia Ewurabena Gamey, Benjamin Kingsley Harley, **Phyllis Elsie Owusu Agyei**, Eric Woode (2022). Effect of Trichilia monadelpha (Thonn.) J. J. de Wilde (Meliaceae) extracts on C-reactive proteins levels and acute inflammation. *Scientific African*. https://doi.org/10.1016/j.sciaf.2022.e01119

7. Martins Ekor, **Phyllis Elsie Owusu Agyei**, Ernest Obese, Robert Peter Biney, Isaac Tabiri Henneh, Meshack Antwi-Adjei, Ewura Seidu Yahaya, Gordon Amoakohene, Patrick Kafui Akakpo (2021). Celecoxib exhibits therapeutic potential in experimental model of hyperlipidaemia. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0247735

8. Robert P. Biney, **Phyllis E. Owusu Agyei**, Elvis O. Ameyaw, John K. Afortude, Isaac T. Henneh, Ernest Obese, Samuel Badu Nyarko, Martins Ekor (2020). Effects of three herb-based alcoholic beverages manufactured in Ghana on sperm characteristics and reproductive hormones in rats. *Scientific African*. https://doi.org/10.1016/j.sciaf.2020.e00316

9. Isaac T. Henneh, **Phyllis E. Owusu Agyei**, Ernest Obese, Robert P. Biney, Meshack Antwi-Adjei, Ewura S. Yahaya, Ernest Asiamah, Joseph Acquah-Mills, Douglas O. Boateng, Martins Ekor (2020). Leaf and root bark extracts of Ziziphus abyssinica Hochst ex. A. Rich (Rhamnaceae) ameliorate hepatic, renal and splenic injuries induced by phenylhydrazine in rats. *Journal of Basic and Clinical Physiology and Pharmacology*. https://doi.org/10.1515/jbcpp-2020-0111

10. Frank Adusei-Mensah, Carina Tikkanen-Kaukanen, Jussi Kauhanen, Isaac Tabiri Henneh, **Phyllis Elsie Owusu Agyei**, Patrick Kafui Akakpo, Martins Ekor (2020). Sub-chronic toxicity evaluation of top three commercial herbal antimalarial preparations in the Kumasi metropolis, Ghana. *Bioscience Reports*. https://doi.org/10.1042/bsr20192536

11. Elvis O. Ameyaw, Kodwo B. Asmah, Robert P. Biney, Isaac T. Henneh, **Phyllis Owusu-Agyei**, James Prah, Arnold D. Forkuo (2018). Isobolographic analysis of co-administration of two plant-derived antiplasmodial drug candidates, cryptolepine and xylopic acid, in Plasmodium berghei. *Malaria Journal*. https://doi.org/10.1186/s12936-018-2283-8