Elvis Ofori Ameyaw

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RESEARCH

Interests	Natural Product Pharmacology (inflammation & CNS disorders)
Areas	Plant Science · Pharmacology · Molecular Biology · Public Health, Environmental and Occupational Health · Biochemistry · Complementary and alternative medicine

RESEARCH SUMMARY

112	1,389	19	48	1.17	11%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 112 publications listed below, 2012–2026. Field-weighted impact is the mean over the 81 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 81 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Prof.
School of Pharmacy and Pharmaceutical Sciences, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 108

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. Henneh, Isaac, **Ameyaw, Elvis**, Bineya, Robert, Armah, Francis, Obese, Ernest, Konjah, Daniels, Otumi, Eric, Ekor, Martins (2026). Ziziphus abyssinica hydro-ethanolic root bark extract attenuates acute inflammation possibly through membrane stabilization and inhibition of protein denaturation and neutrophil degranulation. *West African Journal of Pharmacy*. https://doi.org/10.82351/wajp.vol29no2.463
3. Du-Bois Asante, Christian Kweku Adokoh, **Elvis Ofori Ameyaw**, Desmond Omane Acheampong, Ebenezer Afrifa-Yamoah, Precious Barnes, Gideon Agyeah, Ruben Phillips, Julie Sartori (2025). Evaluation of the wound healing and anti-microbial activity of hydroethanolic extracts of young and old leaves of Vernonia amygdalina Delile. *Clinical Traditional Medicine and Pharmacology*. https://doi.org/10.1016/j.ctmp.2025.200221
4. Benjamin Amoani, 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
5. Ernest Obese, Douglas Arthur, Oluwayemisi Esther Ekor, Ivan Eduku Mozu, Ransford Kumah, James Kojo Prah, Jerry Kwesi Kumah Eshun, Kwame Ofori, Mawuli Kotope Gyakobo, **Elvis Ofori Ameyaw** (2025). Prevalence and management of pain disorders among patients of different stages of life at cape coast teaching hospital, Ghana. *Journal of Pain Research and Management*. https://doi.org/10.46439/painresearch.1.009

6. Douglas Arthur, Oluwayemisi Esther Ekor, Kofi Nyanor Amoh, Constance Caroline Cobbold, Ernest Obese, Kwasi Antwi Koranteng, Mawuli K. Gyakobo, Philip Afful, **Elvis Ofori Ameyaw** (2025). Urological Emergencies Seen at a Tertiary Hospital in Central Region of Ghana. *Open Journal of Urology*. https://doi.org/10.4236/oju.2025.158037

7. Daniel Kwame Afriyie, **Elvis Ofori Ameyaw**, Isaac Tabiri Henneh, George Asare, Ebenezer Ofori-Atta, Seth Kwabena Amponsah, Regina Appiah-Opong (2024). Acute Oral Toxicological Profile of Croton membranaceus Mull. Arg. Aqueous Stem Extract, a Herbal Treatment for Benign Prostate Hyperplasia, in Male Sprague–Dawley Rats. *Journal of Toxicology*. https://doi.org/10.1155/2024/7526701

8. Mustapha A. Ahmed, **Elvis O. Ameyaw**, Francis A. Armah, Patrick M. Fynn, Isaac Asiamah, George Ghartey-Kwansah, Felix K. Zoiku, Ebenezer Ofori-Attah, Christian K. Adokoh (2024). Alkaloidal Extracts from Avicennia africana P. Beauv. (Avicenniaceae) Leaf: An Antiplasmodial, Antioxidant, and Erythrocyte Viable. *Advances in Pharmacological and Pharmaceutical Sciences*. https://doi.org/10.1155/2024/4541581

9. KKE Kukuia, P Amoateng, W Kudzi, **Elvis Ofori Ameyaw** (2024). Decreased hippocampal microglial cell activation by methanolic extract from the leaves of Mallotus oppositifolius (Geiseler) Müll. Arg contributes to its …. *Molecular Psychology: Brain, Behavior, and Society*. https://molecularpsychology.org/articles/2-2

10. Isaac T. Henneh, Isaac Y. Attah, Silas A. Osei, Ernest Obese, Robert Peter Biney, Francis A. Armah, **Elvis O. Ameyaw**, Janet Agyen Donkor, Sarah Mensah, Martins Ekor (2024). In silico, in vitro and in vivo antiplasmodial activity of β-amyrin and its potential synergistic effect when co-administered with artesunate. *Journal of Pharmacology and Experimental Therapeutics*. https://doi.org/10.1124/jpet.080.915660

11. 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

12. Isaac Henneh, Robert Biney, Silas Acheampong, Ernest Obese, Francis Armah, **Elvis Ameyaw**, Martins Ekor (2023). ANTI-EPILEPTOGENIC ACTIVITY OF ZIZIPHUS ABYSSINICA ROOT BARK EXTRACT AND ITS ISOLATED BIOACTIVE COMPOUND, B-AMYRIN. *IBRO Neuroscience Reports*. https://doi.org/10.1016/j.ibneur.2023.08.1145

13. 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

14. Abraham Yeboah Mensah, 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

15. 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

16. 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

17. 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

18. KKE Kukuia, Patrick Amoateng, TA Tagoe, **Elvis O Ameyaw** (2023). Sub-effective doses of a bendroflumethiazide-imipramine combination offer greater synergistic antidepressant effect compared to a bendroflumethiazide-fluoxetine combination: an …. *Health Sciences Investigations Journal*. https://www.ajol.info/index.php/hsij/article/view/253697

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20. Awo Efua Koomson, Kennedy Kwami Edem Kukuia, Patrick Amoateng, Robert Peter Biney, Thomas Amatey Tagoe, Jeffrey Amoako Mensah, **Elvis Ofori Ameyaw**, Joseph Torbi, Seth Kwabena Amponsah (2022). Extract of Xylopia aethiopica and its kaurene diterpene, xylopic acid, improve learning and memory in mice. *IBRO Neuroscience Reports*. https://doi.org/10.1016/j.ibneur.2022.03.006

21. Kennedy Kwami Edem Kukuia, Joseph Torbi, Patrick Amoateng, Kevin Kofi Adutwum-Ofosu, Awo Efua Koomson, Frimpong Appiah, Thomas Amatey Tagoe, Jeffrey Amoako Mensah, **Elvis Ofori Ameyaw**, Ofosua Adi-Dako, Seth Kwabena Amponsah (2022). Gestational iron supplementation reverses depressive-like behavior in post-partum Sprague Dawley rats: Evidence from behavioral and neurohistological studies. *IBRO Neuroscience Reports*. https://doi.org/10.1016/j.ibneur.2022.04.004

22. Desmond Omane Acheampong, Ernest Obese, Robert Peter Biney, Benjamin Amoani, Emmanuel A Adakudugu, Paulina Ampomah, **Elvis O Ameyaw** (2022). In Vitro and In Vivo Antiplasmodial Activity and Safety Profile of Hydroethanolic Leaf Ex-tract of Calotropis Procera (Ait) R. Br.(Apocynaceae). *Annals of Pharma Research*. https://annalsofpharmaresearch.com/index.php?journal=apr&page=article&op=view&path%5B%5D=70

23. Mary A. Agbenyeku, Regina Appiah-Opong, Ernest Obese, Robert P. Biney, Emmanuel A. Adakudugu, Arnold D. Forkuo, Silas A. Osei, Mustapha K. Abeka, **Elvis O. Ameyaw** (2022). In Vitro and In Vivo Effect of Xylopic Acid on Cytochrome P450 Enzymes. *Advances in Pharmacological and Pharmaceutical Sciences*. https://doi.org/10.1155/2022/4524877

24. Mustapha A. Ahmed, **Elvis O. Ameyaw**, Francis Ackah-Armah, Desmond O. Acheampong, Peter K. Gathumbi, Michael B. Adinortey, George Ghartey-Kwansah, Hope R. Otsyina, Christian K. Adokoh (2022). In Vitro and In Vivo Toxicological Evaluation of Avicennia africana P: Beauv. (Avicenniaceae) Leaf Extract in a Rat Model. *Journal of Toxicology*. https://doi.org/10.1155/2022/3434383

25. 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

26. Isaac Tabiri Henneh, Francis Ackah Armah, **Elvis Ofori Ameyaw**, Robert Peter Biney, Ernest Obese, Eric Boakye-Gyasi, Emmanuel Awintiig Adakudugu, Martins Ekor (2021). Analgesic Effect of Ziziphus abyssinica Involves Inhibition of Inflammatory Mediators and Modulation of KATP Channels, Opioidergic and Nitrergic Pathways. *Frontiers in Pharmacology*. https://doi.org/10.3389/fphar.2021.714722

27. 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

28. James Kojo Prah, Samuel Amoah, Andrews Nicholas Yartey, Adelaide Ampofo-Asiama, **Elvis Ofori Ameyaw** (2021). Assessment of malaria diagnostic methods and treatments at a Ghanaian health facility. *Pan African Medical Journal*. https://doi.org/10.11604/pamj.2021.39.251.28996

29. **Elvis Ofori Ameyaw**, Ernest Obese, Du-Bois Asante, Robert P. Biney, Akua A. Karikari, Emmanuel A. Adakudugu, Bright G. Dzotefe, Maddison Adanusa (2021). Effect of xylopic acid on alloxan-induced diabetic neuropathy in rats. *International Journal of Basic & Clinical Pharmacology*. https://doi.org/10.18203/2319-2003.ijbcp20211011

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(2021). Evidence of an antidepressant-like effect of xylopic acid mediated by serotonergic mechanisms. *Psychopharmacology*. https://doi.org/10.1007/s00213-021-05835-6

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32. Mustapha A. Ahmed, **Elvis O. Ameyaw**, Francis Ackah-Armah, Desmond O. Acheampong, Benjamin Amoani, Paulina Ampomah, Emmanuel A. Adakudugu, Christian K. Adokoh (2021). In vitro and In vivo antimalarial activities of Avicennia africana P. Beauv. (Avicenniaceae) ethanolic leaf extract. *Journal of Traditional and Complementary Medicine*. https://doi.org/10.1016/j.jtcme.2021.11.004

33. Ernest Obese, **Elvis Ofori Ameyaw**, Robert Peter Biney, Emmanuel Awintiig Adakudugu, Eric Woode (2021). Neuropharmacological Assessment of the Hydroethanolic Leaf Extract of Calotropis procera (Ait). R. Br. (Apocynaceae) in Mice. *Scientifica*. https://doi.org/10.1155/2021/5551380

34. Esther Eshun Oppong, Ernest Obese, Robert Peter Biney, Pearlmond Agbalekpor, Priscilla A. Hanson, Maame Y. A. Aboagye, Emmanuel A. Adakudugu, Madison Adanusa, Richard Pinkrah, Anasthasia O. Adomah, Silas A. Osei, Elizabeth N. Oge, Mary A. Agbenyeku, **Elvis O. Ameyaw** (2021). Spectrum of anxiety and depression reported in reproductive-aged women diagnosed with gynaecological disorders at a tertiary healthcare facility in Ghana. *International Journal of Basic & Clinical Pharmacology*. https://doi.org/10.18203/2319-2003.ijbcp20213358

35. 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

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38. Silas Acheampong Osei, Robert Peter Biney, Ernest Obese, Mary Atta-Panyi Agbenyeku, Isaac Yaw Attah, **Elvis Ofori Ameyaw**, Johnson Nyarko Boampong (2021). Xylopic acid-amodiaquine and xylopic acid-artesunate combinations are effective in managing malaria in Plasmodium berghei-infected mice. *Malaria Journal*. https://doi.org/10.1186/s12936-021-03658-6

39. Elizabeth N. Oge, Ernest Obese, Robert P. Biney, Emmanuel Adakudugu, Mary Agbenyeku, Silas A. Osei, Maria B. Cassera, Ana Lisa Valenciano, Emilio F. Merino, Johnson N. Boampong, Eric Woode, Madison Adanusa, **Elvis O. Ameyaw** (2020). A review of pharmacological effects of xylopic acid. *International Journal of Basic & Clinical Pharmacology*. https://doi.org/10.18203/2319-2003.ijbcp20201765

40. Arnold Donkor Forkuo, Kwesi Boadu Mensah, **Elvis Ofori Ameyaw**, Aaron Opoku Antwi, Nana Kofi Kusi-Boadum, Charles Ansah (2020). Antiplasmodial and Antipyretic Activity and Safety Evaluation of the Methanolic Leaf Extract of Murraya exotica (L.). *Journal of Parasitology Research*. https://doi.org/10.1155/2020/1308541

41. 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

42. 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

43. Jeffrey Amoako Mensah, Kennedy Kwami Edem Kukuia, Patrick Amoateng, Dorcas Osei-Safo, Donatus Wewura Adongo, **Elvis Ofori Ameyaw**, Inemesit Okon Ben, Seth Kwabena Amponsah, Isaac Julius Asiedu-Gyekye (2020). Monoaminergic and L-arginine-no-cGMP pathways mediate the antidepressant–like

action of alkaloids from the stem bark of Trichilia monadelpha. *Scientific African*. https://doi.org/10.1016/j.sciaf.2020.e00422

44. Emmanuel A. Adakudugu, **Elvis O. Ameyaw**, Ernest Obese, Robert P. Biney, Isaac T. Henneh, Douglas B. Aidoo, Elizabeth N. Oge, Isaac Y. Attah, David D. Obiri (2020). Protective effect of bergapten in acetic acid-induced colitis in rats. *Heliyon*. https://doi.org/10.1016/j.heliyon.2020.e04710

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46. Isaac T. Henneh, Boshi Huang, Faik N. Musayev, Rana Al Hashimi, Martin K. Safo, Francis A. Armah, **Elvis O. Ameyaw**, Christian K. Adokoh, Martins Ekor, Yan Zhang (2020). Structural elucidation and in vivo anti-arthritic activity of β-amyrin and polpunonic acid isolated from the root bark of Ziziphus abyssinica HochstEx. A Rich (Rhamnaceae). *Bioorganic Chemistry*. https://doi.org/10.1016/j.bioorg.2020.103744

47. Du-Bois Asante, Isaac Tabiri Henneh, Desmond Omane Acheampong, Foster Kyei, Christian Kweku Adokoh, Eric Gyamerah Ofori, Nelson Kwabla Domey, Emmanuel Adakudugu, Lokeswari Prathyusha Tangella, **Elvis Ofori Ameyaw** (2019). Anti-inflammatory, anti-nociceptive and antipyretic activity of young and old leaves of Vernonia amygdalina. *Biomedicine & Pharmacotherapy*. https://doi.org/10.1016/j.biopha.2018.12.147

48. Alberta Serwah Anning, Godwin Kwakye-Nuako, **Elvis Ofori Ameyaw**, Mba-Tihssommah Mosore, Kwame Kumi Asare (2019). In vitro activity of Erythrophleum ivorense extract against the promastigote stage of cutaneous Leishmania parasite, a member of Leishmania (Mundinia) enriettii complex isolates from Ghana. *Access Microbiology*. https://doi.org/10.1099/acmi.0.000050

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52. Ernest Obese, **Elvis Ameyaw**, Robert Biney, Isaac Henneh, Fred Edzeamey, Eric Woode (2018). Phytochemical Screening and Anti-Inflammatory Properties of the Hydroethanolic Leaf Extract of Calotropis procera (Ait). R. Br. (Apocynaceae). *Journal of Pharmaceutical Research International*. https://doi.org/10.9734/jpri/2018/42529

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