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RESEARCH

Areas: Plant Science · Food Science · Pharmacology · Complementary and alternative medicine · Molecular Biology · Public Health, Environmental and Occupational Health

RESEARCH SUMMARY

36	1,006	15	17	2.38	19%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 36 publications listed below, 1993–2026. Field-weighted impact is the mean over the 36 works scored for it; 1.00 is the world average for works of the same field, type and year. 7 of the 36 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Associate Professor (Retired) 1983–present
Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 34

1. Bernard Kofi Turkson, Ebenezer Owusu-Acheampong, Adjei-Hinneh George, Isaac Kinsley Amponsah, **Merlin Lincoln Kwao Mensah**, Abraham Yeboah Mensah (2026). Assessment of herbal medicine use and its outcomes among post-stroke patients in Kumasi, Ghana. *Scientific Reports*. https://doi.org/10.1038/s41598-026-71218-6
2. Reinhard Isaac Nketia, Nkrumah Desmond, Arnold Donkor Forkuo, Evelyn Asante-Kwatia, Felix Kwame Zoiku, **Merlin Lincoln Kwao Mensah**, Gustav Komlaga (2025). Antimalarial activity of the aqueous extract and anthraquinones from the root of Senna siamea (LAM) H.S. Irwin & Barneby (Fabaceae). *Scientific African*. https://doi.org/10.1016/j.sciaf.2025.e02579
3. Emmanuel Kwabena Boateng, Rebecca Havilah Borquaye, Michael Ofori, Cynthia Amaning Danquah, **Merlin Lincoln Kwao Mensah** (2025). Medicinal plant extracts modulate antibiotic activity against multidrug-resistant bacteria and Candida albicans. *Discover Plants*.. https://doi.org/10.1007/s44372-025-00315-z
4. Bernard K. Turkson, Desmond Nkrumah, Reinhard Isaac Nketia, Alfred Ofori Agyemang, Isaac Kingsley Amponsah, Burnett Tetteh Accam, **Merlin L.K. Mensah**, Yvonne Boateng (2024). Antimicrobial activity, toxicity and retrospective clinical effectiveness of Kantinka BA and Kantinka Herbaltics, two multi-component-herbal products used in the management of infectious diseases in Ghana. *Infectious Diseases and Herbal Medicine*. https://doi.org/10.4081/idhm.2024.389
5. Bernard K. Turkson, Reinhard I. Nketia, Charles K. Frimpong, Kwadwo Safo, Jennifer Mensah, Samuel Adu Sarfo, Otoo Nana Safo, Benjamin Ofosu Bekoe, Isaac Ayensu, **Merlin L.K. Mensah**, Felix Zoiku (2024). Antiplasmodial activity and toxicity of the leaves, stem and roots of Parinari robusta Oliv [CHRYSOBALANACEAE] in animal model. *South African Journal of Botany*. https://doi.org/10.1016/j.sajb.2024.03.007
6. Bernard K. Turkson, Isaac K. Amponsah, Alfred Ofori Agyemang, **Merlin L. K. Mensah**, Reinhard I. Nketia, Desmond Nkrumah, Michael F. Baidoo, Abraham Y. Mensah, Emmanuel Achaab, Burnett Tetteh Accam

(2024). Comparative clinical study of Mist Amen Fevermix and Edhec Malacure: two polyherbal products used for the treatment of uncomplicated malaria in Ghana against Artemether/Lumefantrine. *Clinical Phytoscience*. https://doi.org/10.1186/s40816-024-00373-y

7. Bernard Appiah, Isaac Kingsley Amponsah, Md Koushik Ahmed, Gursimar Kaur Singh, **Merlin Lincoln Kwao Mensah** (2023). Transdisciplinary collaborations to highlight media advocacy on climate change impacts on medicinal plants: Evidence from content analysis, and recommendations for action. *The Journal of Climate Change and Health*. https://doi.org/10.1016/j.joclim.2023.100215
8. 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
9. Alfred Ofori Agyemang, Bernard Kofi Turkson, Michael Frimpong Baidoo, Isaac Kingsley Amponsah, **Merlin Lincoln Kwao Mensah**, Emmanuel Orman, Marcel Tunkumgnen Bayor (2021). Utilization of Plants for Medicinal Purposes and Concerns with Endangered Plant Species from Ghana. *Traditional and Integrative Medicine*. https://doi.org/10.18502/tim.v6i1.5926
10. A. O. Agyemang, **M. L. K. Mensah**, R. C. Yamile, A. Ocloo, A. A. Appiah, A. Y. Mensah, K. P. Thomford (2020). Clinical Evaluation of the Safety and Effectiveness of Heptonica: A Ghanaian Hepatorestorative Polyherbal Product. *Evidence-based Complementary and Alternative Medicine*. https://doi.org/10.1155/2020/9596182
11. Bernard K. Turkson, **Merlin L. K. Mensah**, George H. Sam, Abraham Y. Mensah, Isaac K. Amponsah, Edmund Ekuadzi, Gustav Komlaga, Emmanuel Achaab (2020). Evaluation of the Microbial Load and Heavy Metal Content of Two Polyherbal Antimalarial Products on the Ghanaian Market. *Evidence-based Complementary and Alternative Medicine*. https://doi.org/10.1155/2020/1014273
12. AndrewsW. Tetteh, KwesiP. Thomford, **MerlinL. Mensah**, KwameO. Boadu, AmaK. Thomford, IsaacK. Amposah, Godfred Amofa, BenardK. Turkson, MichaelO. Agyemang, EmmanuelD. 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
13. Authentia Sokpe, **Merlin L. K. Mensah**, George A. Koffuor, Kwesi P. Thomford, Richmond Arthur, Yakubu Jibira, Michael K. Baah, Bright Adedi, Hope Y. Agbemenyah (2020). Hypotensive and Antihypertensive Properties and Safety for Use of Annona muricata and Persea americana and Their Combination Products. *Evidence-based Complementary and Alternative Medicine*. https://doi.org/10.1155/2020/8833828
14. 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*.
15. Bernard K. Turkson, **M. L. K. Mensah**, Kwame Sarpong (2019). Clinical Evaluation of Efficacy of a Herbal Formulation Used in the Treatment of Malaria. *European Journal of Medicinal Plants*. https://doi.org/10.9734/ejmp/2019/v27i330117
16. Gustav Komlaga, Eli Gaveh, Yakubu Jibira, **Merlin Lincoln Kwao Mensah** (2019). Phytochemistry, proximate and antioxidant properties of some indigenous leafy vegetables. *World Journal of Advanced Research and Reviews*. https://doi.org/10.30574/wjarr.2019.3.1.0044
17. Bernard Appiah, Isaac Kingsley Amponsah, Anubhuti Poudyal, **Merlin Lincoln Kwao Mensah** (2018). Identifying strengths and weaknesses of the integration of biomedical and herbal medicine units in Ghana using the WHO Health Systems Framework: a qualitative study. *BMC Complementary and Alternative Medicine*. https://doi.org/10.1186/s12906-018-2334-2
18. Gustav Komlaga, Grégory Genta-Jouve, Sandrine Cojean, Rita A. Dickson, **Merlin L.K. Mensah**, Philippe M. Loiseau, Pierre Champy, Mehdi A. Beniddir (2017). Antiplasmodial Securinega alkaloids from Phyllanthus fraternus: Discovery of natural (+)-allonorsecurinine. *Tetrahedron Letters*. https://doi.org/10.1016/j.tetlet.2017.08.045
19. Andrews W. Tetteh, **Merlin L. Mensah**, Kwame O. Boadu, Kwesi P. Thomford, Michael O. Agyemang, Kofi

Annan, Rita Dickson, Abraham Y. Mensah, Isaac K. Amposah, Edmund Ekuadzi, Emmanuel D. J. Owusu-Ansah (2017). Clinical Evaluation of the Safety and Effectiveness of Adutwumwaa Malamix: A Polyherbal Product for the Treatment of Uncomplicated Malaria in Ghana. *Journal of Applied Pharmaceutical Science*. https://doi.org/10.7324/japs.2017.70706

20. Gustav Komlaga, Sandrine Cojean, Rita A. Dickson, Mehdi A. Beniddir, Soulaf Suyyagh-Albouz, **Merlin L. K. Mensah**, Christian Agyare, Pierre Champy, Philippe M. Loiseau (2016). Antiplasmodial activity of selected medicinal plants used to treat malaria in Ghana. *Parasitology Research*. https://doi.org/10.1007/s00436-016-5080-8
21. Evelyn Afua Mireku, **Merlin L.K. Mensah**, Abraham Yeboah Mensah (2016). Prenylated indole alkaloids from the stem bark of Hexalobus monopetalus. *Phytochemistry Letters*. https://doi.org/10.1016/j.phytol.2016.03.012
22. Merlin LMensah, Kofi Annan, Abraham Y. Mensah, Edmund Ekuadzi, **Merlin L. K. Mensah**, Solomon Habtemariam (2015). A Novel Triterpene from the Roots of Paullinia pinnata: 6α-(3′-methoxy-4′-hydroxybenzoyl)-lup-20(29)-ene-3-one. *Natural Product Communications*. https://doi.org/10.1177/1934578x1501000405
23. K.P. Thomford, **M.L.K. Mensah**, R.A. Dickson, B.S. Sarfo, D.A. Edoh, F.C. Mills-Robertson, K. Annan (2015). A randomized double-blind study evaluating the safety and effectiveness of a Ghanaian polyherbal product for the management of superficial mycoses. *Journal of Herbal Medicine*. https://doi.org/10.1016/j.hermed.2015.06.001
24. K. P Thomford, **M. L.K Mensah**, R. A Dickson, M. Sakyiamah, D. A Edoh, K. Annan (2015). DETERMINATION OF THE RUTIN, QUERCETIN AND KAEMPFEROL CONTENTS IN A GHANAIAN POLYHERBAL FORMULATION (EAF-2011) AND ITS RAW MATERIALS USING A SIMULTANEOUS RP-HPLC METHOD. *International Journal of Pharmaceutical Sciences and Drug Research*. https://doi.org/10.25004/ijpsdr.2015.070117
25. Gustav Komlaga, Christian Agyare, Rita Akosua Dickson, **Merlin Lincoln Kwao Mensah**, Kofi Annan, Philippe M. Loiseau, Pierre Champy (2015). Medicinal plants and finished marketed herbal products used in the treatment of malaria in the Ashanti region, Ghana. *Journal of Ethnopharmacology*. https://doi.org/10.1016/j.jep.2015.06.041
26. Gustav Komlaga, Sandrine Cojean, A, Mehdi Beniddir, **Mensah, Merlin Lincoln Kwao** (2015). The Antimalarial Potential of Three Ghanaian Medicinal Plants. *Herbal Medicine Open Access*. https://doi.org/10.21767/2472-0151.10004
27. Evelyn A. Mireku, Abraham Y. Mensah, **Merlin L. K. Mensah**, Derek A. Tocher, Solomon Habtemariam (2014). Antiinflammatory Properties of the Stem-bark ofAnopyxis klaineanaand its Major Constituent, Methyl Angolensate. *Phytotherapy Research*. https://doi.org/10.1002/ptr.5212
28. Isaac Kingsley Amponsah, Abraham Yeboah Mensah, Antonia Otoo, **Merlin Lincoln Kwao Mensah**, Jato Jonathan (2014). Pharmacognostic standardisation of Hilleria latifolia (Lam.) H. Walt. (Phytolaccaceae). *Asian Pacific Journal of Tropical Biomedicine*. https://doi.org/10.12980/apjtb.4.2014apjtb-2014-0416
29. Yaw Adusi-Poku, Laud K-N Okine, F K Hlortsi-Akakpo, Theophilus C Fleischer, **M L K Mensah**, Peter Arhin, George Agyemfra, Togbega Dabra, E N Mensah (2009). Assesssing herbal medical practitioners in professional qualifying examination in Ghana, a model. *PubMed*.
30. H. Rodolfo Juliani, James E. Simon, Charles Quansah, Eric Asare, Richard Akromah, Dan Acquaye, Julie Asante-Dartey, **Merlin L.K. Mensah**, Theophilus C. Fleischer, Rita Dickson, Kof Annan, Abraham Y. Mensah (2008). Chemical Diversity ofLippia multifloraEssential Oils from West Africa. *Journal of Essential Oil Research*. https://doi.org/10.1080/10412905.2008.9699420
31. Anastasia Karioti, Dimitra Hadjipavlou-Litina, **Merlin L. K. Mensah**, Theophilus C. Fleischer, Helen Skaltsa (2004). Composition and Antioxidant Activity of the Essential Oils of Xylopia aethiopica (Dun) A. Rich. (Annonaceae) Leaves, Stem Bark, Root Bark, and Fresh and Dried Fruits, Growing in Ghana. *Journal of Agricultural and Food Chemistry*. https://doi.org/10.1021/jf040150j
32. A. Y. Mensah, P. J. Houghton, G. N. A. Akyirem, T. C. Fleischer, **M. L. K. Mensah**, K. Sarpong, R. Adosraku (2004). Evaluation of the antioxidant and free radical scavenging properties of Secamone afzelii Rhoem.

Phytotherapy Research. https://doi.org/10.1002/ptr.1614

33. T.C Fleischer, E.P.K Ameade, **M.L.K Mensah**, I.K Sawer (2003). Antimicrobial activity of the leaves and seeds of Bixa orellana. *Fitoterapia*. https://doi.org/10.1016/s0367-326x(02)00289-7

34. **M. Mensah**, K. Sarpong, K. H.C. Baser, T. Özek (1993). The Essential Oil ofAgeratum conyzoidesL. from Ghana. *Journal of Essential Oil Research*. https://doi.org/10.1080/10412905.1993.9698184

Book chapters 1

1. **Merlin L.K. Mensah**, Gustav Komlaga, Arnold D. Forkuo, Caleb Firempong, Alexander K. Anning, Rita A. Dickson (2019). Toxicity and Safety Implications of Herbal Medicines Used in Africa. *IntechOpen eBooks*. https://doi.org/10.5772/intechopen.72437

Conference papers 1

1. Merlin LMensah, **M. L. K. Mensah**, R. A. Dickson (2009). Medicinal and Aromatic Plants of Ghana. *ACS symposium series*. https://doi.org/10.1021/bk-2009-1021.ch014