Prof. Isaac Kingsley Amponsah

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RESEARCH

Interests	pharmacognosy · phytochemistry · antioxidants · natural products · herbal products standardization of herbal products
Areas	Plant Science · Molecular Biology · Food Science · Pharmacology · Complementary and alternative medicine · Endocrinology, Diabetes and Metabolism

RESEARCH SUMMARY

101	1,295	20	45	1.37	12%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 101 publications listed below, 2012–2026. Field-weighted impact is the mean over the 76 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 76 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer/Dr 2012–present
Pharmacognosy, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

Doctor of Philosophy Pharmacognosy 2012–present
Pharmacognosy, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 99

1. 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
2. Jude Tetteh, Jemima Aggrey Appiah, Felix Zoiku, Derwaa Keteku, Bismark Aboagye-Adjei, Arnold Donkor Forkuo, **Isaac Kingsley Amponsah**, Charles Ansah, Kwesi Boadu Mensah (2026). Antiplasmodial Activity of Methylangolensate From Entandrophragma angolense (Welw.) C.DC. Stem Bark: An In Vitro and In Silico Approach. *Journal of Tropical Medicine*. https://doi.org/10.1155/jotm/7224187
3. 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
4. **Isaac Amponsah**, Elizabeth Srekuh, Joseph Sarkodie*, Emmanuel Kontoh, Kennedy Baah, Silas Adjei, Michael Baah, Daniel Nimako, Samuel Bekoe (2026). Unmasking Nature's Double: a Morphological, Chromatographic and Spectroscopic Approach to the Validation of the Roots of Morinda lucida and Nauclea latifolia. *DOAJ (DOAJ: Directory of Open Access Journals)*. https://doi.org/10.22127/rjp.2025.540766.2931

5. Linda Mensah Sarpong, Akwasi Acheampong, Mercy Badu, Jibira Yakubu, Kennedy Ameyaw Baah, Silas Adjei, Emmanuel Quaye Kontoh, Joseph Adusei-Sarkodie, **Isaac Kingsley Amponsah**, Samuel Oppong Bekoe (2026). Zanthoxylum rhetsa Metabolites Demonstrate Potent Anti-Prostate Cancer Activity: Insights From in Vitro Screening and Molecular Docking Study. *Chemistry Africa*. https://doi.org/10.1007/s42250-026-01687-9

6. Linda Mensah Sarpong, Akwasi Acheampong, Mercy Badu, Silas Adjei, Jibira Yakubu, Kennedy Ameyaw Baah, Joseph Adusei Sarkodie, **Isaac Kingsley Amponsah** (2025). Anti-Prostatic Carcinoma Activity of Entandrophragma angolense and Methyl Angolensate: In Vitro and In Silico Analyses. *Natural Product Communications*. https://doi.org/10.1177/1934578x251384534

7. **Isaac Kingsley Amponsah**, Flavia Yeboah Owusu, Joseph Adusei Sarkodie, Desmond Nkrumah, Emmanuel Quaye Kontoh, Anita Nana Abla Oscar Akotey, Kennedy Ameyaw Baah (2025). Application of the Herbal Marker Ranking System (Herb MaRS) affords chemical markers for the standardization of medicinal plants used for male vitality herbal products. *Phytomedicine Plus*. https://doi.org/10.1016/j.phyplu.2025.100864

8. Silas Adjei, **Isaac Kingsley Amponsah**, Edmund Ekuadzi, Christopher Hamilton, Jelena Gavrilovic, Oliver Dillon, Amr El-Demerdash, Evelyn Asante-Kwatia (2025). Assessment of Wound Healing Properties of Medicinal Plants: The Case of Berlinia confusa. *Natural Product Communications*. https://doi.org/10.1177/1934578x241311978

9. Desmond Nkrumah, Reinhard Isaac Nketia, Michael Kwesi Baah, Linda Mensah Sarpong, George Adjei-Hinneh, Bernard Kofi Turkson, **Isaac Kingsley Amponsah** (2025). Chemical Markers for Quality Control of Medicinal Plants Used in Sickle Cell Disease Management: Application of the Herbal Marker Ranking System (Herb MaRS). *Natural Product Communications*. https://doi.org/10.1177/1934578x251404752

10. **Isaac Kingsley Amponsah**, Denzel Opoku-Kwabi, Francis Ackah Armah, John Nii Addotey, Bernard Kofi Turkson, Emmanuel Quaye Kontoh (2024). A Systematic Review of Medicinal Plants and Their Compounds Validated as Agents for the Management of Sickle Cell Disease. *Natural Product Communications*. https://doi.org/10.1177/1934578x241265889

11. Emmanuel Owusu Amoateng, Patrick Amoateng, Paul Poku Sampene Ossei, Eric Asare Fenteng, **Isaac Kingsley Amponsah**, William Gilbert Ayibor, Samuel Adjei, Tracy Narh-Bedu (2024). An acute and sub-acute toxicological assessment of Reissantia indica plant extract in male Sprague-Dawley rats: Hematological, serum biochemical and histopathology. *Scientific African*. https://doi.org/10.1016/j.sciaf.2024.e02089

12. 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

13. Kennedy Ameyaw Baah, Akwasi Acheampong, **Isaac Kingsley Amponsah**, Reinhard Isaac Nketia (2024). Antiplasmodial Activity and Phytochemical Evaluation of the Stems of Albizia coriaria and Ficus sur. *European Journal of Medicinal Plants*. https://doi.org/10.9734/ejmp/2024/v35i21179

14. 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

15. Solomon Appiah Kubi, **Isaac Kingsley Amponsah**, Bernard Kofi Turkson, Evelyn Asante-Kwatia, Desmond Nkrumah, Rita Akosua Dickson (2024). In vivo toxicity, anti-hyperlipidaemic, antioxidant and anti-atherogenic activities of 'LIPO A' A traditional herbal product in rodents. *Heliyon*. https://doi.org/10.1016/j.heliyon.2024.e24352

16. Abena Boakye, Doreen D. Avor, **Isaac K. Amponsah**, William O. Appaw, Leslie Owusu-Ansah, Silas Adjei, Michael K. Baah, John N. Addotey (2024). Quality Assessment of Tomato Paste Products on the Ghanaian Market: An Insight Into Their Possible Adulteration. *International Journal of Food Science*. https://doi.org/10.1155/2024/8285434

17. Anita Nana Abla Oscar Akotey, **Isaac Kingsley Amponsah**, Francis Ackah Armah, Bernard Kofi Turkson, John Nii Addotey, Yaa Asantewaa Osei, Joseph Adu, Rita Akosua Dickson (2024). Quality characteristics and HPLC detection of phosphodiesterase inhibitors in some herbal capsules indicated for male sexual disorders in Ghana. *Future Journal of Pharmaceutical Sciences*. https://doi.org/10.1186/s43094-024-00693-3

18. Kennedy Ameyaw Baah, Akwasi Acheampong, **Isaac Kingsley Amponsah**, Silas Adjei, Yakubu Jibira, Reinhard Isaac Nketia, Linda Mensah Sarpong, Emmanuel Quaye Kontoh (2024). "Hydroethanol extract and triterpenoids of Senegalia ataxacantha show antiplasmodial activity and the compounds are predicted to inhibit parasite lactate dehydrogenase (pfLDH) as indicated by molecular docking studies". *Scientific African*. https://doi.org/10.1016/j.sciaf.2024.e02455

19. Frederick Amankwaah, John Nii Addotey, Emmanuel Orman, Reimmel Adosraku, **Isaac Kingley Amponsah** (2023). A comparative study of Ghanaian propolis extracts: Chemometric analysis of the chromatographic profile, antioxidant, and hypoglycemic potential and identification of active constituents. *Scientific African*. https://doi.org/10.1016/j.sciaf.2023.e01956

20. 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

21. **KINGSLEY AMPONSAH**, 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

22. **KINGSLEY AMPONSAH**, KB Michael, TA Burnett (2023). Exploration of the Frequency and Pattern of the Use of Herbal Medicines by Parents/Caregivers for Children Under 12 Years at the Kumasi South, Ghana. *Herbal Medicines Journal*. https://hmj.lums.ac.ir/article_220977.html

23. 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

24. Paul K. Osei, Evelyn Asante-Kwatia, Bernard K. Turkson, **Isaac K. Amponsah**, Reinhard I. Nketia, Lord Gyimah, Abraham Y. Mensah (2023). Quality assessment and evaluation of the aphrodisiac property and toxicity profile of a Ghanaian herbal male vitality booster. *Phytomedicine Plus*. https://doi.org/10.1016/j.phyplu.2023.100503

25. 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

26. Samuel Owusu Yeboah, **Isaac K. Amponsah**, James S. Kaba, Akwasi A. Abunyewa (2022). Abundance, richness and use of medicinal plants under different land uses in the Guinea Savanna zone of Northern Ghana. *All Earth*. https://doi.org/10.1080/27669645.2022.2105485

27. **Isaac Kingsley Amponsah**, Gina Flor Ramos, Benjamin Kingsley Harley, Joseph Adusei Sarkodie, Edmund Ekuadzi, Elikplim Kwesi Ampofo, Inemesit Okon Ben (2022). Anti-inflammatory, Antioxidant and Cytotoxic Activities of Guibourtia ehie on Human Prostate (PC-3) and Breast Cancer (MC-7) Cell Lines and in silico Studies on Its Metabolite 7,4′-Dihydroxyflavone. *Chemistry Africa*. https://doi.org/10.1007/s42250-022-00359-8

28. Yakubu Jibira, Eric Boakye-Gyasi, Wonder Kofi Mensah Abotsi, **Isaac Kingsley Amponsah**, Peter Duah, Frederick Kwadwo Baah, Eric Woode (2022). Antinociceptive effects of a hydroethanolic stem bark extract of Burkea africana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e08917

29. Andrew M. Limantol, Blessed Agbemade, Vivian E. Boamah, Mercy Badu, **Kingsley I. Amponsah**, Firdaws C.N. Adam, Rahmatu B. Mohammed (2022). Antioxidant and anti-inflammatory properties of "Limolanii" grass and perceptions of locals on its survival in the era of changing climate. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e12018

30. **Isaac Kingsley Amponsah**, Abena Boakye, Emmanuel Orman, Francis Ackah Armah, Lawrence Sheringham Borquaye, Silas Adjei, Yaa Afrakoma Dwamena, Kennedy Ameyaw Baah, Benjamin Kingsley Harley (2022). Assessment of some quality parameters and chemometric-assisted FTIR spectral analysis of commercial powdered ginger products on the Ghanaian market. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e09150

31. 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

32. 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

33. Kwame Osei Boateng, Enock Dankyi, **Isaac Kingsley Amponsah**, Godfred Kweku Awudzi, Emmanuel Amponsah, Godfred Darko (2022). Knowledge, perception, and pesticide application practices among smallholder cocoa farmers in four Ghanaian cocoa-growing regions. *Toxicology Reports*. https://doi.org/10.1016/j.toxrep.2022.12.008

34. Bill Clinton Aglomasa, Cynthia Kyerewaa Adu-Asiamah, Samuel Opoku Asiedu, Priscilla Kini, Emmanuel Kobla Atsu Amewu, Kennedy Gyau Boahen, Solomon Wireko, **Isaac Kingsley Amponsah**, Yaw Duah Boakye, Vivian Etsiapa Boamah, Alexander Kwarteng (2022). Multi-drug resistant bacteria isolates from lymphatic filariasis patients in the Ahanta West District, Ghana. *BMC Microbiology*. https://doi.org/10.1186/s12866-022-02624-9

35. Chris Douvris, Edward Bentil, Isaac Ayensu, Clement Osei Akoto, **Isaac Kingsley Amponsah**, Joseph Adu, Derek Bussan (2022). Trace Metals in Cannabis Seized by Law Enforcement in Ghana and Multivariate Analysis to Distinguish among Different Cannabis Farms. *Toxics*. https://doi.org/10.3390/toxics10100567

36. Samuel Owusu Yeboah, **Isaac K. Amponsah**, James S. Kaba, Akwasi A. Abunyewa (2022). Variability of soil physicochemical properties under different land use types in the Guinea savanna zone of northern Ghana. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2022.2105906

37. 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

38. Isaac Kyei-Barffour, Roselind Kyei Baah Kwarkoh, Ophelia Duke Arthur, Samuel Addo Akwetey, Desmond Omane Acheampong, Benjamin Aboagye, Augustine Suurinobah Brah, **Isaac Kingsley Amponsah**, Christian Kweku Adokoh (2021). Alkaloidal extract from Zanthoxylum zanthoxyloides stimulates insulin secretion in normoglycemic and nicotinamide/streptozotocin-induced diabetic rats. *Heliyon*. https://doi.org/10.1016/j.heliyon.2021.e07452

39. Evelyn Asante-Kwatia, Silas Adjei, Yakubu Jibira, Lord Gyimah, George Adjei-Hinneh, **Isaac Kingsley Amponsah**, Abraham Yeboah Mensah (2021). Amphimas pterocarpoides harms.: An Evaluation of flavonoid and phenolic contents, wound healing, anthelmintic and antioxidant activities of the leaves and stem bark. *Heliyon*. https://doi.org/10.1016/j.heliyon.2021.e08261

40. Philip Kobla Atchoglo, **Isaac Kingsley Amponsah**, Patrick Valere Tsouh Fokou, Benjamin Kingsley Harley, Michael Kwesi Baah, Francis Ackah Armah, Silas Adjei (2021). Anti-mycobacterium ulcerans activity and pharmacognostic standardisation of Pycnanthus angolensis (Welw) Warb. *Scientific African*. https://doi.org/10.1016/j.sciaf.2021.e00935

41. Francis Ackah Armah, Isaac Tabiri Henneh, **Isaac Kingsley Amponsah**, Robert Peter Biney, Fynn Malcolm, John Alake, Wisdom Ahlidja, Mustapha Abubakar Ahmed, Christian Kweku Adokoh, Genevieve Etornam Adukpo, Desmond Omane Acheampong, Peter K. Gathumbi (2021). Antidepressant and Anxiolytic Effects and Subacute Toxicity of the Aerial Parts of Psychotria ankasensis J.B.Hall (Rubiaceae) in Murine Models. *Evidence-based Complementary and Alternative Medicine*. https://doi.org/10.1155/2021/5543320

42. 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

43. Silas Adjei, **Isaac Kingsley Amponsah**, Samuel Oppong Bekoe, Benjamin Kingsley Harley, Kwesi Boadu Mensah, Abraham Yeboah Mensah, Michael Kwesi Baah, Gabriel Fosu-Mensah (2021). Fruits of Vitex doniana sweet: toxicity profile, anti-inflammatory and antioxidant activities, and quantification of one of its bioactive constituents oleanolic acid. *Heliyon*. https://doi.org/10.1016/j.heliyon.2021.e07910

44. **Isaac Kingsley Amponsah**, Philip Kobla Atchoglo, Raphael Yaw Ackah, Patrick Valere Tsouh Fokou, Samuel Yaw Aboagye, Dorothy Yeboah-Manu, Regina Appiah-Opong, Abraham Yeboah Mensah (2021). In Vitro Anti-Mycobacterium ulcerans and Cytotoxic Activities of Some Selected Medicinal Plants and an Indoloquinoline Alkaloid. *International Journal of Mycobacteriology*. https://doi.org/10.4103/ijmy.ijmy_243_20

45. John Alake, Samuel A. Akwetey, Wisdom Ahlidja, Francis A. Armah, **Isaac Kingsley Amponsah** (2021). Indigenous Knowledge Affords Antimicrobial Plants for the Management of Infections. *International Journal of TROPICAL DISEASE & Health*. https://doi.org/10.9734/ijtdh/2021/v42i330441

46. Cynthia Amaning Danquah, Michael Tetteh, **Isaac Kingsley Amponsah**, Abraham Yeboah Mensah, Kwame Ohene Buabeng, Simon Gibbons, Sanjib Bhakta (2021). Investigating Ghanaian Allium Species for Anti-Infective and Resistance-Reversal Natural Product Leads to Mitigate Multidrug-Resistance in Tuberculosis. *Antibiotics*. https://doi.org/10.3390/antibiotics10080902

47. Benjamin Kingsley Harley, **Isaac Kingsley Amponsah**, Inemesit Okon Ben, Donatus Wewura Adongo, Nana Ama Mireku-Gyimah, Michael Kwesi Baah, Abraham Yeboah Mensah, Theophilus Christian Fleischer (2021). Myrianthus libericus: Possible mechanisms of hypoglycaemic action and in silico prediction of pharmacokinetics and toxicity profile of its bioactive metabolite, friedelan-3-one. *Biomedicine & Pharmacotherapy*. https://doi.org/10.1016/j.biopha.2021.111379

48. **KINGSLEY AMPONSAH**, 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

49. Emmanuel Adom, Edmund Ekuadzi, Eric Boakye-Gyasi, **Isaac Kingsley Amponsah** (2021). Pharmacognostic evaluation of three Apocynaceae plants that share the same West African local names. *Phytomedicine Plus*. https://doi.org/10.1016/j.phyplu.2021.100157

50. Theophilus Fadjare Frempong, Mercy Badu, Vivian Etsiapa Boamah, **Isaac Kingsley Amponsah**, Blessed Agbemade, Ransford Appianin Boateng, Nathaniel Owusu Boadi (2021). Phenolic Content, Antioxidant Properties and Antimicrobial Activities of the Extracts from Funtumia africana and Funtumia elastica. *Chemistry Africa*. https://doi.org/10.1007/s42250-021-00249-5

51. Gina Flor Ramos, **Isaac Kingsley Amponsah**, Benjamin Kingsley Harley, Yakubu Jibira, Michael Kwesi Baah, Silas Adjei, Francis Ackah Armah, Abraham Yeboah Mensah (2021). Triterpenoids mediate the antimicrobial, antioxidant, and anti-inflammatory activities of the stem bark of Reissantia indica. *Journal of Applied Pharmaceutical Science*. https://doi.org/10.7324/japs.2021.110506

52. 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

53. BenjaminKingsley Harley, RitaAkosua Dickson, **IsaacKingsley Amponsah**, RobertA Ngala, Dorice Berkoh, TheophilusChristian Fleischer (2020). Antidiabetic effect of Chrysophyllum albidum is mediated by

enzyme inhibition and enhancement of glucose uptake via 3T3-L1 adipocytes and C2C12 myotubes. *Asian Pacific Journal of Tropical Biomedicine*. https://doi.org/10.4103/2221-1691.290129

54. 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

55. Benjamin Kingsley Harley, Rita Akosua Dickson, **Isaac Kingsley Amponsah**, Inemesit Okon Ben, Donatus Wewura Adongo, Theophilus Christian Fleischer, Solomon Habtemariam (2020). Flavanols and triterpenoids from Myrianthus arboreus ameliorate hyperglycaemia in streptozotocin-induced diabetic rats possibly via glucose uptake enhancement and α-amylase inhibition. *Biomedicine & Pharmacotherapy*. https://doi.org/10.1016/j.biopha.2020.110847

56. Yakubu Jibira, Eric Boakye-Gyasi, Wonder Kofi Mensah Abotsi, **Isaac Kingsley Amponsah**, Donatus Wewura Adongo, Eric Woode (2020). Hydroethanolic Stem Bark Extract of Burkea africana Attenuates Vincristine-Induced Peripheral Neuropathy in Rats. *Advances in Pharmacological and Pharmaceutical Sciences*. https://doi.org/10.1155/2020/7232579

57. Michael Kwesi Baah, Abraham Yeboah Mensah, Evelyn Asante-Kwatia, **Isaac Kingsley Amponsah**, Arnold Donkor Forkuo, Benjamin Kingsley Harley, Silas Adjei (2020). In Vivo Antiplasmodial Activity of Different Solvent Extracts of Myrianthus libericus Stem Bark and Its Constituents in Plasmodium berghei-Infected Mice. *Evidence-based Complementary and Alternative Medicine*. https://doi.org/10.1155/2020/8703197

58. **Isaac Kingsley Amponsah**, Francis Ackah Armah, John Alake, Benjamin Kingsley Harley, Elikplim Kwesi Ampofo, Evelyn Asante-Kwatia, Bill Clinton Aglomasa, Benjamin Amoani, Isaac Tabiri Henneh (2020). In-vitro Anti-cercarial activity of extracts and steroidal alkaloids from the stem bark of Holarrhena floribunda (G. Don) Dur. & Schinz. *International Journal of Phytomedicine*. https://doi.org/10.5138/09750185.2415

59. Elikplim Kwesi Ampofo, **Isaac Kingsley Amponsah**, Evelyn Asante-Kwatia, Francis Ackah Armah, Philip Kobla Atchoglo, Abraham Yeboah Mensah (2020). Indigenous Medicinal Plants as Biofilm Inhibitors for the Mitigation of Antimicrobial Resistance. *Advances in Pharmacological and Pharmaceutical Sciences*. https://doi.org/10.1155/2020/8821905

60. Silas Adjei, Pearl Entsua-Mensah, **Isaac Kingsley Amponsah**, Michael Kwesi Baah, Nana Afua Akyaa Kwakye, Nana Yaa Kakra Addae-Kyereme (2020). Pharmacognostic and physicochemical studies of the leaves of Hoslundia opposita Vahl (Lamiaceae). *Journal of Pharmacognosy and Phytochemistry*. https://doi.org/10.22271/phyto.2020.v9.i5ap.12795

61. **Isaac Kingsley Amponsah** (2020). Standardisation of Holarrhena floribunda (G. Don) Durand & Schinz: pharmacognostic evaluation and HPLC profiling of some of its steroidal alkaloids as chemical markers. *International Journal of Research in Pharmaceutical Sciences*. https://scholar.google.com/scholar?cluster=15204592148350106003&hl=en&oi=scholarr

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63. Francis A. Armah, Benjamin Amoani, Isaac T. Henneh, Rita A. Dickson, Christian K. Adokoh, **Isaac K. Amponsah**, Cecilia Adu-Gyamfi, Desmond O. Acheampong (2019). In vitro Cercaricidal Activity of Fractions and Isolated Compounds of Erythrophleum ivorense (Fabaceae) Root Bark against Schistosoma haematobium. *International Journal of TROPICAL DISEASE & Health*. https://doi.org/10.9734/ijtdh/2018/v34i330093

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