Prof. Samuel Lugrie Kipo

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RESEARCH

Interests	Formualtion of pharmaceutical dosage forms
Areas	Food Science · Pharmaceutical Science · Ecology, Evolution, Behavior and Systematics · Economics and Econometrics · Forestry · Pediatrics, Perinatology and Child Health

RESEARCH SUMMARY

25	448	11	12	1.19	8%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 25 publications listed below, 2006–2026. Field-weighted impact is the mean over the 12 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 12 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer 2020–present
Pharmaceutics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Senior Lecturer 1997–present
Pharmaceutics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

Senior Lecturer
Pharmaceutics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 25

1. Mary-Ann Archer, Kwabena Ofori-Kwakye, Raphael Johnson, Isaac Yaw Attah, Frederick William Akuffo Owusu, Prince George Jnr Acquah, **Samuel Lugrie Kipo** (2026). Investigation of the drug release modifying property of Pentadesma butyracea gum in diclofenac sodium matrix tablets. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0341668
2. Mary-Ann Archer, Kwabena Ofori-Kwakye, Raphael Johnson, Isaac Yaw Attah, **Samuel Lugrie Kipo**, Mariam El Boakye-Gyasi, Frederick William Akuffo Owusu, Emmanuel Awintiig Adakudugu, Doris Kumadoh (2025). Evaluation of the binder effect of Pentadesma butyracea gum on the mechanical characteristics of paracetamol tablets. *Scientific African*. https://doi.org/10.1016/j.sciaf.2025.e03147
3. **Samuel Lugrie Kipo**, Noble Kuntworbe, Mariam El Boakye-Gyasi, Yaa Asantewaa Osei, Frederick William Akuffo Owusu, Raphael Johnson, Kwabena Ofori-Kwakye, Marcel Tunkumgnen Bayor (2024). Evaluation of the Physicochemical and Micromeritic Properties of Exudate Gum of Cussonia arborea Stem Bark in Conventional Tablet Formulation. *Journal of Chemistry*. https://doi.org/10.1155/2024/7840644
4. **Kipo, Samuel L.**, Osei-Asare, Christina, Ofori-Kwakye, Kwabena, Buabeng, Kwame O., Anto, Berko P. (2023). Physician and patient preferences for sustained release antihypertensive preparations in the Kumasi metropolis, Ghana. *Afrischolar Discovery*. https://doi.org/10.60787/wapcp-26-1-60

5. **Samuel Lugrie Kipo**, Kwabena Ofori-Kwakye, Noble Kuntworbe, Raphael Johnson, Mariam El Boakye-Gyasi, Yaa Asantewaa Osei, Frederick Akuffo Owusu (2023). Physicochemical and Microbiological Characteristics of Stem Bark Exudate Gum of Cordia millenii Tree in Conventional Release Tablets. *The Scientific World JOURNAL*. https://doi.org/10.1155/2023/9118067

6. **Samuel Lugrie Kipo**, Kwabena Ofori-Kwakye, Noble Kuntworbe, Stephen Yao Gbedema, Kwesi Boadu Mensah, Paul Poku Sampene Ossei (2023). Preliminary health risk assessment of two exudate gums as pharmaceutical excipients. *Scientific African*. https://doi.org/10.1016/j.sciaf.2023.e01648

7. MARY-ANN ARCHER, Kwabena Ofori-Kwakye, **Samuel Lugrie Kipo**, Mariam El Boakye-Gyasi, Mary-Ann Fosu (2016). Development of Oral Dissolvable Films of Diclofenac Sodium for Osteoarthritis UsingAlbiziaandKhayaGums as Hydrophilic Film Formers. *Journal of Drug Delivery*. https://doi.org/10.1155/2016/6459280

8. Christina Osei-Asare, **Samuel Kipo**, Kwabena Ofori-Kwakye, Mariam Boakye-Gyasi (2015). Comparative in vitro dissolution of commercially available sustained release nifedipine tablet brands in the Kumasi Metropolis, Ghana. *Journal of Applied Pharmaceutical Science*. https://doi.org/10.7324/japs.2015.50809

9. **SL Kipo**, N Kuntworbe, MT Bayor, K Ofori-Kwakye (2015). Development and In Vitro Evaluation of Oral Gels and Vaginal Pessaries from Crude Extracts of Four Ghanaian Medicinal Plants Intended for the Treatment Of Candidiasis. *World Journal of Pharmaceutical Research*. https://doi.org/10.5555/20153328683

10. Kwabena Ofori-Kwakye, Kwadwo Amanor Mfoafo, **Samuel Lugrie Kipo**, Noble Kuntworbe, Mariam El Boakye-Gyasi (2015). Development and evaluation of natural gum-based extended release matrix tablets of two model drugs of different water solubilities by direct compression. *Saudi Pharmaceutical Journal*. https://doi.org/10.1016/j.jsps.2015.03.005

11. Doris Kumadoh, Joseph Adotey, Kwabena Ofori-Kwakye, **Samuel Kipo**, Thomford Prah, Sowah Patterson (2015). Development of oral capsules from Enterica herbal decoction-a traditional remedy for typhoid fever in Ghana. *Journal of Applied Pharmaceutical Science*. https://doi.org/10.7324/japs.2015.50414

12. Akwasi Sougi, Kwabena Ofori-Kwakye, Noble Kuntworbe, **Samuel Kipo**, Mariam Boakye-Gyasi (2015). Evaluation of the Physicochemical and in vitro Dissolution Properties of Metformin Hydrochloride Tablet Brands Marketed in Five Cities in Ghana. *Journal of Pharmaceutical Research International*. https://doi.org/10.9734/bjpr/2016/21862

13. **SL Kipo**, K Ofori-Kwakye, KO Buabeng (2015). Physician and patient preferences for sustained release antihypertensive preparations in the Kumasi Metropolis, Ghana. *West African Journal of Pharmacy*.

14. K Ofori-Kwakye, I Ayensu, **SL Kipo**, M El Boakye-Gyasi (2014). Adulteration of Ghanaian topical herbal preparations with dexamethasone. *World Journal of Pharmacy and Pharmaceutical Sciences*. https://www.researchgate.net/profile/Kwabena-Ofori-Kwakye/publication/262763501_Adulteration_of_Ghanaian_topical_herbal_preparations_with_dexamethasone/links/00b49538c6cff006ff000000/Adulteration-of-Ghanaian-topical-herbal-preparations-with-dexamethasone.pdf

15. 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

16. **SL Kipo**, ESTHER ESHUN Oppong, K Ofori-Kwakye (2014). Physicochemical evaluation and tablet formulation properties of shea tree gum. *Asian J Pharm Sci*. https://scholar.google.com/scholar?cluster=17870973949512479370&hl=en&oi=scholarr

17. K Ofori-Kwakye, **SL Kipo** (2014). Potential of aqueous extract of Hibiscus sabdariffa calyces as coloring agent in three pediatric oral pharmaceutical formulations. *Journal of Applied Pharmaceutical Science*. https://doi.org/10.7324/japs.2014.41201

18. **Samuel Kipo**, M El Boakye-Gyasi (2012). Mechanical and tablet coating properties of cashew tree (anacardium occidentale l) gum-based films. *Asian Journal of Pharmaceutical and Clinical Research*. https://www.academia.edu/download/46547428/MECHANICAL_AND_TABLET_COATING_PROPERTIES20160616-30374-19ldkt3.pdf

19. Yaa Asantewaa Osei, K Ofori-Kwakye, **SL Kipo**, VE Boamah, R Johnson (2011). Investigation of the emulsifying and suspending potential of cashew tree gum in pharmaceutical formulations. *International journal of Pharmacy and Pharmaceutical sciences*. https://www.academia.edu/download/53018283/Investigation_of_the_emulsifying_and_sus20170506-5074-1h2e823.pdf

20. K Ofori-Kwakye, **SL Kipo** (2010). Formulation and quality evaluation of two conventional release tablet formulations. *International Journal of Pharmaceutical Sciences Review and Research*. https://scholar.google.com/scholar?cluster=7051665303053605631&hl=en&oi=scholarr

21. **Samuel Kipo** (2010). Physicochemical and binding properties of cashew tree gum in metronidazole tablet formulations. *International Journal of*.... https://www.academia.edu/download/53018289/Physicochemical_and_binding_properties_o20170506-5074-9zfpmi.pdf

22. MT Bayor, **SL Kipo**, K Ofori-Kwakye (2010). The accuracy and quality of household spoons and enclosed dosing devices used in the administration of oral liquid medications in Ghana. *Int J Pharm Pharm Sci*. https://scholar.google.com/scholar?cluster=4591536236860508855&hl=en&oi=scholarr

23. K Ofori-Kwakye, **SL Kipo** (2009). Preparation and in vitro characteristics of tablet cores coated with albizia, albizia/khaya and albizia/HPMC films. *International Journal of Applied Pharmaceutics*. https://www.academia.edu/download/53018281/PREPARATION_AND_IN_VITRO_CHARACTERISTICS20170506-5067-1v7duoa.pdf

24. K Ofori-Kwakye, JT Fell, **SL Kipo** (2007). Effects of pH of medium and molecular weight on polyelectrolyte complex formation between pectin and chitosan. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v26i2.32990

25. N Kuntworbe, K Ofori-Kwakye, **SL Kipo** (2006). Formulation and Evaluation of a Combined Chloroquine Phosphate and Chlorpheniramine Maleate Product. *journal of science and technology*. https://journal.knust.edu.gh/index.php/just/article/view/685