Andreas A. kudom

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RESEARCH

Interests	Medical entomology · Public health entomology · Vector control · Public health · insect ecology
Areas	Public Health, Environmental and Occupational Health · Plant Science · Insect Science · Molecular Biology · Ecology · Ecology, Evolution, Behavior and Systematics

RESEARCH SUMMARY

42	17,866	18	24	2.42	25%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 42 publications listed below, 2010–2026. Field-weighted impact is the mean over the 28 works scored for it; 1.00 is the world average for works of the same field, type and year. 7 of the 28 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2015–present
Department of Conservation Biology and Entomology, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 41

1. **Kudom, Andreas A.**, Anane, Leticia N., Okyere, Stanley O., Ayettey, Joana, Nunoo, Jacob, Mensah, Ben A. (2026). Additional file 1 of Disposal practices of long-lasting insecticidal nets, toxicity of the discarded nets and its potential implication on the development of pyrethroid resistance in Anopheles gambiae in Southern Ghana. *Figshare*. https://doi.org/10.6084/m9.figshare.32163816
2. Obuobi, Dorothy, Amlalo, Godwin Kwame, Wieser, Andreas, Froeschl, Guenter, **Kudom, Andreas Adutwum** (2026). Additional file 1 of Toxicity of ivermectin on multiple insecticide-resistant populations of Anopheles gambiae sensu lato, Aedes aegypti, and Culex mosquitoes. *Figshare*. https://doi.org/10.6084/m9.figshare.31338118
3. **Andreas A. Kudom**, Leticia N. Anane, Stanley O. Okyere, Joana Ayettey, Jacob Nunoo, Ben A. Mensah (2026). Disposal practices of long-lasting insecticidal nets, toxicity of the discarded nets and its potential implication on the development of pyrethroid resistance in Anopheles gambiae in Southern Ghana. *Malaria Journal*. https://doi.org/10.1186/s12936-026-05875-3
4. James Kojo Prah, Ebenezer Aggrey, **Andreas Kudom**, Benedict Addo-Yeboa (2026). Safety Climate and Practices in University Laboratories: Evidence from a Ghanaian Case Study. *Texila international journal of public health*. https://doi.org/10.21522/tijph.2013.14.01.art019
5. Dorothy Obuobi, Godwin Kwame Amlalo, Andreas Wieser, Guenter Froeschl, **Andreas Adutwum Kudom** (2026). Toxicity of ivermectin on multiple insecticide-resistant populations of Anopheles gambiae sensu lato, Aedes aegypti, and Culex mosquitoes. *Parasites & Vectors*. https://doi.org/10.1186/s13071-025-07227-7
6. **Andreas A. Kudom**, Martin Bosompem, Michael O. Adu, Benedict Afful, Benjamin Anderson, Francis Armah, Paul A. Asare, Joana Ayettey, Ben A. Mensah, Peter Osei-Wusu Adueming (2026). Urban herbicide

use threatens a non-target butterfly (Hypolimnas misippus) through direct toxicity and host plant stress in Ghana. *PLOS Ecosystems*. https://doi.org/10.1371/journal.pesy.0000020

7. James Prah, E Aggrey, **Andreas Kudom**, B Addo-Yeboa (2025). Assessment of occupational risks among academic staff in a Ghanaian Public University. *Texila International Journal of Public Health*. https://doi.org/10.5555/20250322598
8. **Andreas A. Kudom**, Philipp Hanke, Joana Ayettey, Rofela Combey, Ben A. Mensah, Benjamin Anderson, Andreas Wieser (2025). Molecular identification and knockdown resistance mutation of bed bugs involved in 2019 outbreak in Cape Coast, Ghana and Munich, Germany. *Acta Tropica*. https://doi.org/10.1016/j.actatropica.2025.107623
9. Dario Anvari, Janvier Bandibabone, **Andreas A. Kudom**, Andreas Wieser, Esto Bahizire, Frank P. Mockenhaupt, Welmoed van Loon (2025). Scalable and cost-effective methods for xenomonitoring of P. falciparum and antimalarial drug resistance validated with laboratory and wild-caught mosquitoes. *Scientific Reports*. https://doi.org/10.1038/s41598-025-20554-0
10. Aikins Ablorde, Inge Kroidl, Andreas Wieser, **Andreas A. Kudom** (2024). Impact of the exposure of sublethal dose of mosquito coil on the development of insecticide resistance in Aedes aegypti (L.) (Diptera: Culicidae). *Medical and Veterinary Entomology*. https://doi.org/10.1111/mve.12721
11. Aikins Ablorde, Joana Ayettey, Inge Kroidl, Andreas Wieser, **Andreas A. Kudom** (2023). Co-occurrence of multiple kdr mutations (F1534C, V1016I, V410L) in Aedes aegypti from coastal areas in Ghana and assessment of the role of mosquito coil in causing pyrethroid resistance. *Acta Tropica*. https://doi.org/10.1016/j.actatropica.2023.106937
12. Joana Ayettey, Aikins Ablorde, Godwin K. Amlalo, Ben A. Mensah, **Andreas A. Kudom** (2023). Entomological surveillance on Aedes aegypti during covid 19 period in Cape Coast, Ghana: Risk of arboviral outbreaks, multiple insecticide resistance and distribution of F1534C, V410L and V1016I kdr mutations. *PLoS neglected tropical diseases*. https://doi.org/10.1371/journal.pntd.0011397
13. Andrew A. Huzortey, **Andreas A. Kudom**, Ben A. Mensah, Baah Sefa-Ntiri, Benjamin Anderson, Angela Akyea (2022). Water quality assessment in mosquito breeding habitats based on dissolved organic matter and chlorophyll measurements by laser-induced fluorescence spectroscopy. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0252248
14. **Andreas A. Kudom** (2019). Entomological surveillance to assess potential outbreak of Aedes-borne arboviruses and insecticide resistance status of Aedes aegypti from Cape Coast, Ghana. *Acta Tropica*. https://doi.org/10.1016/j.actatropica.2019.105257
15. **Andreas A. kudom** (2018). Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The lancet*. https://www.thelancet.com/journals/lancet/article/piis0140-6736(18)31891-9/fulltext
16. Isaac Okyere, **Andreas A. Kudom**, Pearl Sakyi-Djan (2018). Larval prey selectivity of the lampeye killifish Aplocheilichthys spilauchen and its potential for mosquito biocontrol. *Biological Control*. https://doi.org/10.1016/j.biocontrol.2018.11.010
17. **Andreas A. kudom** (2018). Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic …. *The lancet*. https://www.thelancet.com/journals/lancet/article/piis0140-6736(18)32281-5/fulltext
18. **Andreas A Kudom**, R Afoakwah, Christian K Adokoh (2018). Relating high insecticide residues in larval breeding habitats in urban residential areas to the selection of pyrethroid resistance in Anopheles gambiae sl (Diptera: Culicidae …. *Journal of Medical Entomology*. https://academic.oup.com/jme/article-abstract/55/2/490/4756456
19. James Prah, **Andreas Kudom**, Alex Afrifa, Mohammed Abdulai, Ignatius Sirikyi, Emmanuel Abu (2017). Caesarean section in a primary health facility in Ghana: Clinical indications and feto-maternal outcomes. *Journal of Public Health in Africa*. https://doi.org/10.4081/jphia.2017.704
20. **Andreas A. kudom** (2017). Erratum: Global, regional, and national levels of maternal mortality, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015 (The Lancet (2016) 388 (10053 …. *The Lancet*. https://pure.teikyo.jp/ja/publications/erratum-global-regional-and-national-levels-of-

maternal-mortality/

21. **Andreas A. kudom** (2017). Erratum: Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980–2015: a systematic analysis for the Global .... *The Lancet*. https://espace.library.uq.edu.au/view/UQ:c138493

22. **Andreas A. kudom**, Barber, R. M., Dandona, L., Hay, S. I., Larson, H. J., Lim, S. S., Lopez, A. D., Mokdad, A. H., Naghavi, M., Pinho, C. and 90 others (2017). Global, Regional, and National Levels of Maternal Mortality, 1990–2015: A Systematic Analysis for the Global Burden of Disease Study 2015. *Obstetrical & Gynecological Survey*. https://doi.org/10.1097/01.ogx.0000511935.64476.66

23. **Andreas A. kudom**, O Lasim (2017). Knowledge, Attitude and Perceptions of Pregnant Women towards Caesarean Section among Antenatal Clinic Attendants in Cape Coast, Ghana Article. *Texila International Journal of Public Health*. https://www.academia.edu/download/76502237/Public_Health_Vol5_Issue1_Article_7.pdf

24. **Andreas A Kudom**, Leticia N Anane, Richmond Afoakwah, Christian K Adokoh (2017). Relating High Insecticide Residues in Larval Breeding Habitats in Urban Residential Areas to the Selection of Pyrethroid Resistance in Anopheles gambiae s.l. (Diptera: Culicidae) in Akim Oda, Ghana. *Journal of Medical Entomology*. https://doi.org/10.1093/jme/tjx223

25. James Prah, Elvis Ameyaw, Richmond Afoakwah, **Andreas Kudom** (2016). Factors affecting birth weight in Cape Coast, Ghana. *International Journal of Reproduction Contraception Obstetrics and Gynecology*. https://doi.org/10.18203/2320-1770.ijrcog20161319

26. **Andreas A. kudom** (2016). Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of .... *Lancet*. https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(16)31678-6/fulltext

27. **Andreas A. kudom** (2016). Global, regional, and national life expectancy, all-cause mortality, and cause-specifi c mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global .... *Lancet*.

28. **Andreas A. kudom** (2016). Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global .... *The lancet*. https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(16)31012-1/supplemental

29. **Andreas A. kudom** (2016). Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980–2015: a systematic analysis for the Global Burden of .... *The Lancet*. https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(16)31575-6/fulltext

30. **Andreas A. Kudom**, Ben A. Mensah, Guenter Froeschl, Heinz Rinder, Daniel Boakye (2015). DDT and pyrethroid resistance status and laboratory evaluation of bio-efficacy of long lasting insecticide treated nets against Culex quinquefasciatus and Culex decens in Ghana. *Acta Tropica*. https://doi.org/10.1016/j.actatropica.2015.07.009

31. **Andreas A. Kudom** (2015). Larval ecology of Anopheles coluzzii in Cape Coast, Ghana: water quality, nature of habitat and implication for larval control. *Malaria Journal*. https://doi.org/10.1186/s12936-015-0989-4

32. **Andreas A Kudom**, Ben A Mensah, Guenter Froeschl, Daniel Boakye, Heinz Rinder (2015). Preliminary assessment of the potential role of urbanization in the distribution of carbamate and organophosphate resistant populations of Culex species in Ghana. *Parasites & Vectors*. https://doi.org/10.1186/s13071-014-0621-4

33. Raphael N'Guessan, Corine Ngufor, **Andreas A. Kudom**, Pelagie Boko, Abibathou Odjo, David Malone, Mark Rowland (2014). Mosquito Nets Treated with a Mixture of Chlorfenapyr and Alphacypermethrin Control Pyrethroid Resistant Anopheles gambiae and Culex quinquefasciatus Mosquitoes in West Africa. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0087710

34. **Andreas A Kudom**, Ben A Mensah, Jacob Nunoo (2013). Assessment of anti mosquito measures in households and resistance status of Culex species in urban areas in southern Ghana: Implications for the sustainability of ITN use. *Asian Pacific Journal of Tropical Medicine*. https://doi.org/10.1016/s1995-7645(13)60153-4

35. **Andreas Adutwum Kudom**, Ben A. Mensah, Thomas Kwaku Agyemang (2012). Characterization of

mosquito larval habitats and assessment of insecticide-resistance status of Anopheles gambiae senso lato in urban areas in southwestern Ghana. *Journal of Vector Ecology*. https://doi.org/10.1111/j.1948-7134.2012.00202.x

36. **Andreas A. Kudom**, Ben A. Mensah, Mary A. Botchey (2011). Aqueous Neem Extract Versus Neem Powder onCulex quinquefasciatus: Implications for Control in Anthropogenic Habitats. *Journal of Insect Science*. https://doi.org/10.1673/031.011.14201

37. JP Deikumah, **AA Kudom** (2011). Biodiversity status of urban remnant forests in Cape coast, Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v30i3.64643

38. **Andreas A Kudom** (2011). Nutritional ecology of the mimetic butterfly Hypolimnas Misippus L. (Lepidoptera: Nymphalidae) in Ghana. *The Journal of Research on the Lepidoptera*. https://www.academia.edu/download/51059244/Nutritional_ecology_of_the_mimetic_butte20161226-4486-1edtv4c.pdf

39. **Andreas Kudom** (2010). Floral visitors of Ananas comosus in Ghana: A preliminary assessment. *Journal of Pollination Ecology*. https://www.academia.edu/download/80807717/6.pdf

40. Ben A Mensah, **Andreas A Kudom** (2010). Relating bee activity to pollination of Luffa aegyptiaca Mill. in Ghana. *Journal of Apicultural Research*. https://doi.org/10.3896/ibra.1.49.2.08

41. **Andreas A Kudom**, Ben A Mensah (2010). The potential role of the educational system in addressing the effect of inadequate knowledge of mosquitoes on use of insecticide-treated nets in Ghana. *Malaria Journal*. https://doi.org/10.1186/1475-2875-9-256

Theses 1

1. **Andreas Kudom** (2015). Insecticide resistance status of Culex species in urban areas in Ghana and efficacy of long lasting nets against them. *lmu*. https://edoc.ub.uni-muenchen.de/18068/