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## RESEARCH

Interests Taxonomy · Biosystematics · Ethnobotany · Forest Ecology · Environmental Science  
Areas Forestry · Ecology · Global and Planetary Change · Nature and Landscape Conservation · Plant Science · Water Science and Technology

## RESEARCH SUMMARY

|              |           |          |           |                       |               |
|--------------|-----------|----------|-----------|-----------------------|---------------|
| <b>17</b>    | <b>81</b> | <b>5</b> | <b>2</b>  | <b>2.53</b>           | <b>25%</b>    |
| Publications | Citations | h-index  | i10-index | Field-weighted impact | World top 10% |

Counted from the 17 publications listed below, 2007–2022. Field-weighted impact is the mean over the 4 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 4 papers scored for it are among the world's most cited tenth for their field, type and year.

## PUBLICATIONS

### Journal articles 17

1. Felicity Bentsi-Enchill, Frederick Gyasi Damptey, Alexander Nii Moi Pappoe, Bernard Ekumah, **Hugh Komla Akotoye** (2022). Impact of anthropogenic disturbance on tree species diversity, vegetation structure and carbon storage potential in an upland evergreen forest of Ghana, West Africa. *Trees Forests and People*. <https://doi.org/10.1016/j.tfp.2022.100238>
2. Collins Kuffour, David Kofi Essumang, **Hugh Komla Akotoye**, Richard Amankwah Kuffour, Janice Dwomoh Abraham (2021). Pesticide and Nutrient Loads of Lake Bosomtwe in the Ashanti Region of Ghana. *Journal of Water Resource and Protection*. <https://doi.org/10.4236/jwarp.2021.1310042>
3. Felicity Ghartey-Tagoe, Bernard Ekumah, Alexander Nii Moi Pappoe, **Hugh Komla Akotoye** (2020). Effects of anthropogenic activities on land-use dynamics in an upland tropical evergreen forest in Ghana. *African Geographical Review*. <https://doi.org/10.1080/19376812.2020.1785318>
4. Gertrude Lucky Aku Dali, Alexander Nii Moi Pappoe, **Hugh Komla Akotoye** (2019). Plants Used as Abortifacients and Contraceptives in Some Communities on the Fringes of Subri River Forest Reserve in Ghana. *PubMed*. <https://doi.org/10.29063/ajrh2019/v23i4.11>
5. P Ampomah, K Yankson, **HK Akotoye**, Elvis Ofori Ameyaw (2017). An ethnomedicinal survey of plants used to treat malaria in the Central Region of Ghana. *J. Phytopharmacol*. [https://www.academia.edu/download/125378892/Vol6\\_Issue2\\_08.pdf](https://www.academia.edu/download/125378892/Vol6_Issue2_08.pdf)
6. **HK Akotoye** (2014). Plants of Ethnomedicinal importance from the Kabo Forest Reserve in the Volta Region of Ghana. *International of Ethnobotany*.
7. **H.K. Akotoye** (2013). Ethnobotanical studies of some sacred groves in the Central Region of Ghana. *Journal of Bihar Botanical Society*.
8. ANM Pappoe, FA Armah, **HK Akotoye** (2009). Diversity of soil surface invertebrates in cultivated and uncultivated fields in Coastal Savanna zone of Ghana. *Research Journal of Soil Biology*. <https://doi.org/10.5555/20103104432>
9. **HK Akotoye** (2008). Ethnomedicinal practices of some ethnic groups of Ghana: the Anlo Tribe of Southeastern Ghana. *Journal of Natural Sciences*.

10. HK Akotoye (2008). Leaf epidermal structure and ethnomedicine of some Solanaceae from the environs of Cape Coast Municipality. *Journal of Natural Sciences*.
11. HK Akotoye (2007). Assessment of variation in *Cryptolepis sanguinolenta* (Lindl.) Schtr. using Principal Component Analysis. *Asian Journal of Chemistry*.
12. HK Akotoye (2007). Effects of some edaphic factors on the populations and diversity of earthworms in the University of Cape Coast Nature Reserve. *Journal of Natural Sciences*.
13. HK Akotoye, ANM Pappoe (2007). Establishing the degree of relationship in *Cryptolepis sanguinolenta* (Lindl.) Schtr.: an antimalaria plant using cluster analysis. *Asian Journal of Chemistry*. <https://doi.org/10.5555/20093321518>
14. HK Akotoye (2007). Leaf epidermal studies of some medicinal plant species of the family Annonaceae. *Biosciences, Biotechnology Research Asia*.
15. HK Akotoye (2007). Short-term investigation into groundwater quality in Cape Coast and its environs. *Journal of Natural Sciences*.
16. HK Akotoye, YO Boahen (2007). The effect of environmental factors on the total alkaloid contents of *Cryptolepis sanguinolenta* (Lindl.) Schtr. *International Journal of Chemical Sciences*. <https://doi.org/10.5555/20073203315>
17. HK Akotoye (2007). The impact of pH and soil nutrients on the total alkaloid content of *Cryptolepis sanguinolenta* (Lindl.) Schtr. *Biosciences, Biotechnology Research Asia*. <https://doi.org/10.5555/20083072205>