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RESEARCH

Interests	Landscape Ecology · Ecological Applications · Environmental management · Conservation Biology · Ornithology
Areas	Ecology · Nature and Landscape Conservation · Ecology, Evolution, Behavior and Systematics · Ecological Modeling · Global and Planetary Change · Paleontology

RESEARCH SUMMARY

32	431	11	14	1.28	13%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 32 publications listed below, 2008–2026. Field-weighted impact is the mean over the 24 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 24 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

University of Cape Coast
Cape Coast, Ghana

PUBLICATIONS

Journal articles 31

1. Samuel E. Tamekloe, Joseph K. Daniels, Kweku A. Monney, **Justus P. Deikumah** (2026). Season, Microclimate and Shoreline Disturbance Interactively Shape Bird Functional Diversity. *Ecology and Evolution*. https://doi.org/10.1002/ece3.72901
2. Joseph K Daniels, Samuel E Tamekloe, Kweku A Monney, **Justus P Deikumah** (2025). Biases in vulture conservation literature in Africa. *Ostrich*. https://doi.org/10.2989/00306525.2025.2453675
3. **Justus P Deikumah**, Joseph Kobina Daniels, Joseph Kwasi Afrifa, Longji A Bako, Kweku Ansah Monney (2025). Camera Trapping Uncovers Nesting Ecology and Infant Mortality Causes in the Critically Endangered Hooded Vulture (Necrosyrtes monachus) in Ghana. *Bird Conservation International*. https://doi.org/10.1017/s0959270925100245
4. Samuel Etornam Tamekloe, Kweku Ansah-Monney, **Justus Precious Deikumah** (2025). Key environmental predictors as drivers of avifauna assemblages in Ghana's coastal ecosystems. *Discover Environment*. https://doi.org/10.1007/s44274-025-00187-w
5. **Justus P Deikumah** (2025). Raptor conservation in West Africa. *State of the World's Raptors. The Peregrine Fund, Boise*. https://www.researchgate.net/profile/Justus-Deikumah/publication/395231025_Raptor_conservation_in_West_Africa/links/68b806ebd9261f6f51b10f4c/Raptor-conservation-in-West-Africa.pdf
6. Joseph K. Daniels, Samuel E. Tamekloe, Kweku A. Monney, **Justus P. Deikumah** (2025). Spatial Distribution of the Critically Endangered Hooded Vultures (Necrosyrtes monachus) in the Cape Coast Metropolis, Southern Ghana. *Journal of Raptor Research*. https://doi.org/10.3356/jrr2453
7. Dorcas Bornah, Kweku A. Monney, **Justus P. Deikumah** (2024). Diversity and abundance of vultures in relation to seasonality, age, and habitat types in Mole National Park, Ghana. *Bird Conservation*

International. https://doi.org/10.1017/s0959270924000364

8. Carlos Amissah, Soladoye B. Iwajomo, **Justus P. Deikumah** (2024). Habitat variables influencing bird assemblage patterns across maize and legume fields before and after harvest in West Africa. *Wildlife Biology*. https://doi.org/10.1002/wlb3.01282
9. Rynhardt Le Roux, Ivo Colmonero-Costeira, **Justus P. Deikumah**, Lindy J. Thompson, Isa-Rita M. Russo, Bettine Jansen van Vuuren, Sandi Willows-Munro (2024). High conservation importance of range-edge populations of Hooded Vultures (Necrosyrtes monachus). *Scientific Reports*. https://doi.org/10.1038/s41598-024-68756-2
10. Carlos Amissah, Soladoye B. Iwajomo, John Abraham, **Justus P. Deikumah** (2024). Urban lawn vegetation structure impact arthropod abundance and cattle egret foraging success. *Scientific African*. https://doi.org/10.1016/j.sciaf.2024.e02137
11. Joseph Afrifa, **Justus Deikumah**, Kweku Monney (2023). Comparative use of artificial structures and natural vegetation by birds in a built-up urban area in Ghana. *Avian Conservation and Ecology*. https://doi.org/10.5751/ace-02351-180106
12. **Justus Precious Deikumah**, Robert Peter Biney, John Koku Awoonor-Williams, Mawuli Kotope Gyakobo (2023). Compendium of medically important snakes, venom activity and clinical presentations in Ghana. *PLoS neglected tropical diseases*. https://doi.org/10.1371/journal.pntd.0011050
13. Joseph K. Afrifa, Kweku A. Monney, **Justus P. Deikumah** (2022). Effects of urban land-use types on avifauna assemblage in a rapidly developing urban settlement in Ghana. *Urban Ecosystems*. https://doi.org/10.1007/s11252-022-01281-0
14. Joy Akpanta Ishong, Joseph K Afrifa, Soladoye B Iwajomo, **Justus P Deikumah**, Samuel T Ivande, Will Cresswell (2022). Population trends of resident and migrant West African bird species monitored over an 18-year period in central Nigeria. *Ostrich*. https://doi.org/10.2989/00306525.2022.2068691
15. **Justus Deikumah** (2022). Tackling direct persecution of vultures in West Africa through coordinated collaboration. *Vulture News*. https://openurl.ebsco.com/contentitem/gcd:178667861?sid=ebsco:plink:crawler&id=ebsco:gcd:178667861&jrnl=16067479
16. Abdulai Sulemana, Kweku A. Monney, **Justus P. Deikumah** (2022). Variations in Avian Species and Functional Diversity in Different Habitat Types in a Vulnerable Savannah Ecosystem in Ghana. *International Journal of Ecology*. https://doi.org/10.1155/2022/4923892
17. **PJP Deikumah** (2021). Abundance, distribution, and threats affecting Hooded Vultures in north-central Nigeria. *Journal of Research in Forestry, Wildlife and Environment*. https://www.ajol.info/index.php/jrfwe/article/view/217266
18. Michael M Williams, Ulf Ottosson, Talatu Tende, **Justus P Deikumah** (2021). Traditional belief systems and trade in vulture parts are leading to the eradication of vultures in Nigeria: an ethno-ornithological study of north-central Nigeria. *Ostrich*. https://doi.org/10.2989/00306525.2021.1929534
19. Joshua Petelka, John Abraham, Anke Bockreis, **Justus Precious Deikumah**, Stefan Zerbe (2019). Soil Heavy Metal(loid) Pollution and Phytoremediation Potential of Native Plants on a Former Gold Mine in Ghana. *Water Air & Soil Pollution*. https://doi.org/10.1007/s11270-019-4317-4
20. **JUSTUS P. DEIKUMAH** (2019). Vulture declines, threats and conservation: the attitude of the indigenous Ghanaian. *Bird Conservation International*. https://doi.org/10.1017/s0959270919000261
21. **Justus Precious Deikumah**, Richard Kwafo, Vida Asieduwaa Konadu (2017). Land use types influenced avian assemblage structure in a forest–agriculture landscape in Ghana. *Ecology and Evolution*. https://doi.org/10.1002/ece3.3355
22. **Justus P. Deikumah**, Vida Asieduwaa Konadu, Richard Kwafo (2015). Bird naming systems by Akan people in Ghana follow scientific nomenclature with potentials for conservation monitoring. *Journal of Ethnobiology and Ethnomedicine*. https://doi.org/10.1186/s13002-015-0062-y
23. **Justus P Deikumah** (2015). Matrix intensification affects body and physiological condition of tropical forest-dependent passerines. *PloS one*. https://doi.org/10.1371/journal.pone.0128521
24. **Justus P Deikumah** (2014). Biogeographical and taxonomic biases in tropical forest fragmentation

research. *Conservation Biology*. https://doi.org/10.1111/cobi.12348

25. **Justus P Deikumah** (2013). Matrix intensification alters avian functional group composition in adjacent rainforest fragments. *PLoS One*. https://doi.org/10.1371/journal.pone.0074852
26. **Justus P. Deikumah**, Clive A. McAlpine, Martine Maron (2013). Mining matrix effects on West African rainforest birds. *Biological Conservation*. https://doi.org/10.1016/j.biocon.2013.11.030
27. **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
28. S Yeboah, **JP Deikumah** (2010). A review of the status of the fauna of selected protected areas in the major vegetation zones of Ghana. *Ghana Journal of Science*. https://doi.org/10.4314/gjs.v48i1.56254
29. S Yeboah, **JP Deikumah** (2009). Specific identification of toads and frogs based on the mouthpart configuration of their tadpoles. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v29i1.46433
30. **JP Deikumah** (2008). A review of the status of the fauna of selected protected areas in the major vegetation zones of Ghana. *Ghana Journal of Science*.
31. S Yeboah, **JP Deikumah**, E Henaku-Owusu (2008). The Status of Three Species of Turacos in the Kakum Conservation Area in the Central Region, Ghana. *West African Journal of Applied Ecology*. https://doi.org/10.4314/wajae.v13i1.40578

Reports 1

1. **Justus Deikumah** (2022). West African vulture persecution threat analysis report: Literature review and threat mapping. *Unpublished data*. https://www.cms.int/sites/default/files/publication/West%20African%20vulture%20threat%20analysis_Final_04.10.22.pdf