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RESEARCH

Interests	Forestry
Areas	Ecology · Nature and Landscape Conservation · Ecological Modeling · Global and Planetary Change · Music · Aquatic Science

RESEARCH SUMMARY

64	560	14	17	0.90	13%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 64 publications listed below, 2008–2026. Field-weighted impact is the mean over the 32 works scored for it; 1.00 is the world average for works of the same field, type and year. 4 of the 32 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 60

1. **OO Antobre**, P Osei-Tutu, CA Nsor, E Acquah (2026). Soil Nutrient Dynamics in a Five-Year Agroforestry System on Gold Mine Tailings. *Trees, Forests and People*. https://www.sciencedirect.com/science/article/pii/S2666719326001639
2. **Antobre Osei Owusu**, E Acquah (2025). Assessment of the Structural Parameters of Vitellaria Paradoxa Cf. Gaertn. and Parkia Biglobosa (Jacq.) Benth. to Disturbance-Related Drivers in Mole National Park and Pack …. *Journal of Science and Technology*. https://journal.knust.edu.gh/index.php/just/article/view/1499
3. George Ashiagbor, Palliser Steven Arthur, Isaac Stanisluv Essah, Stephen Boahen Asabere, **Osei Owusu Antobre**, Winston Adams Asante (2025). Cocoa eats the food: can land-sparing save farmers' food self-sufficiency in Ghana? *GeoJournal*. https://doi.org/10.1007/s10708-025-11340-6
4. Collins Ayine Nsor, Vincent Kusi-Kyei, Emelia Anawhyne, Micheal Asigbaase, Peggy Somuah, Patrick Opoku, Daniel Dompreh, **Osei Owusu Antobre** (2025). Disturbances shape the tree community in Ghana's Mole National Park. *Journal of Ecology and Environment*. https://doi.org/10.5141/jee.25.036
5. **Osei Owusu Antobre**, Akwasi Duah-Gyamfi, Winston Adams Asante, Collins Ayine Nsor, Boateng Kyereh, Joseph Anokye (2025). Rehabilitation of loading bays after selective logging at the Pra-Anum forest reserve, Ghana. *Sustainable Forestry*. https://doi.org/10.24294/sf11499
6. Emmanuel Acquah, **Osei Owusu Antobre**, Gifty Adom-Asamoah, Patrick Opoku (2024). Understanding Visitor Experiences and Motivations Through an Importance-Satisfaction Analysis of a Protected Area in Ghana. *Tourism Planning & Development*. https://doi.org/10.1080/21568316.2024.2365380
7. **Antobre Osei Owusu**, Nana Afua Ankomah Dei, John Mensah Nkrumah, Rockson Acolatse, Emmanuel Danquah (2023). Bird community structure and habitat association in Owabi Wildlife Sanctuary, Ashanti Region (Ghana). *Wildlife Research*. https://doi.org/10.1071/wr21148
8. **Antobre Osei Owusu**, Samuel Kingsley Oppong, Collins Ayine Nsor, Emmanuel Amoah Boakye, George Ashiagbor, Issah Seidu, Emmanuel Danquah (2022). Agri-driven habitat modification and small mammal species assemblage nexus in the Atewa Range and Bimpong Forest Reserves, Ghana. *Trees Forests and People*. https://doi.org/10.1016/j.tfp.2022.100335

9. **Antobre Osei Owusu**, Emmanuel Obed Acquah (2022). Analytical quest of four selected harmonized chorales of Johann Sabastian Bach. *International Journal of Education Humanities and Social Science*. https://www.academia.edu/download/109614569/EHS_5_409.pdf

10. **Antobre Osei Owusu** (2022). Bibliographic and Discographic Inquiries in Music Composition. *Journal of Humanities Music and Dance*. https://doi.org/10.55529/jhmd.25.5.13

11. **Antobre Osei Owusu**, Emmanuel Opuni-Frimpong, Collins Ayine Nsor, James Addai, Daniel Kwame Debrah, Benjamin Schnerch, Felicity Bentsi-Enchill, Henn Korjus (2022). Taxonomic and community composition of epigeal arthropods in monoculture and mixed tree species plantations in a deciduous forest of Ghana. *Journal of Forestry Research*. https://doi.org/10.1007/s11676-022-01508-y

12. **Antobre Osei Owusu** (2022). The Africanism in two selected works of CWK Mereku: A formalistic viewpoint. *European Journal of Humanities and Social Sciences*. https://www.academia.edu/download/89645267/111.pdf

13. **Antobre Osei Owusu**, Owusu-Ansah J. (2021). Abele Indigenous Musical Genre in the Context of Yeji Kajoji Festival. *African Journal of Culture History Religion and Traditions*. https://doi.org/10.52589/ajchrt-8dj4tji6

14. Samuel Boadi, Collins Ayine Nsor, **Osei Owusu Antobre**, Emmanuel Acquah (2021). An analysis of illegal mining on the Offin shelterbelt forest reserve, Ghana: Implications on community livelihood. *Journal of Sustainable Mining*. https://doi.org/10.46873/2300-3960.1205

15. **Antobre Osei Owusu**, SN Ayesu (2021). Asanka compositional model: an aid to computer assisted guitar-band highlife music composition with “battery 4” virtual studio technology instrument. *Journal of Advanced Research and Multidisciplinary*. https://www.academia.edu/download/112363181/Asanka.pdf

16. **Osei Owusu Antobre**, Akwasi Duah Gyamfi, Winston Adams Asante, Collins Ayine Nsor, Boateng Kyereh (2021). Forest recovery on skid trails and felling gaps following post-decadal selective logging in a moist semi-deciduous forest in Ghana. *Trees Forests and People*. https://doi.org/10.1016/j.tfp.2021.100152

17. **Antobre Osei Owusu**, Emmanuel O.A. (2021). Rejection of Indigenous Music? Reflections of Teaching and Learning of Music and Dance in Tamale International School. *African Journal of Social Sciences and Humanities Research*. https://doi.org/10.52589/ajsshr-muuuijwv

18. **Antobre Osei Owusu**, EMMANUEL OBED ACQUAH, AUGUSTA ARKO-MENSAH (2021). TEACHER COMPETENCE FOR THE MUSIC AND DANCE CURRICULUM IN GHANA. *Quantum Journal of Social Sciences and Humanities*. https://doi.org/10.55197/qjssh.v2i3.78

19. **Antobre Osei Owusu**, MATILDA ODE ACQUAH-NUNOO (2021). THE STATE OF ROYALTIES IN THE MUSIC INDUSTRY IN GHANA. *Quantum Journal of Social Sciences and Humanities*. https://doi.org/10.55197/qjssh.v2i2.67

20. **Antobre Osei Owusu**, Acquah E.O., Annan J.F. (2021). Technological Remedy for Music Practical Lessons Amidst Covid-19 Restrictions in the Department of Music Education, University of Education Winneba. *British Journal of Contemporary Education*. https://doi.org/10.52589/bjce-rhwnfhlw

21. **Antobre Osei Owusu** (2021). The challenges of preparing students for music practical performance test at the senior high schools in the central region of Ghan. *International Journal of Education Humanities and Social Science*. http://www.ijehss.com/uploads2021/EHS_4_238.pdf

22. **Antobre Osei Owusu**, Emmanuel Obed Acquah (2021). The creation of Abelengro: A crosscultural art music composition. *Journal of Advanced Research and Multidisciplinary Studies*. https://abjournals.org/jarms/wp-content/uploads/sites/21/journal/published_paper/volume-1/issue-1/JARMS_MZFLGSSM.pdf

23. **Antobre Osei Owusu** (2021). The nature of Ghanaian music and dance syllabus and the challenges of teaching its contents in Tamale International School. *British Journal of Contemporary Education*. https://abjournals.org/bjcnit/wp-content/uploads/sites/20/journal/published_paper/volume-1/issue-1/BJCE_IIWHZRRT.pdf

24. **Antobre Osei Owusu** (2021). The organization of melodies in Ebibindwom: a case of Jehovah Nissi Awoyow Garden, Winneba. *African Journal of Culture, History, Religion and Traditions*. https://www.researchgate.net/profile/Emmanuel-Acquah-11/publication/361880358_THE_ORGANIZATION_O

F_MELODIES_IN_EBIBINDWOM_A_CASE_OF_JEHOVAH_NISSI_AWOYOW_GARDEN_WINNEBA/links/62ca02c800d0b4511046a55a/THE-ORGANIZATION-OF-MELODIES-IN-EBIBINDWOM-A-CASE-OF-JEHOVAH-NISSI-AWOYOW-GARDEN-WINNEBA.pdf

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27. Collins Ayine Nsor, Samuel K. Oppong, Emmanuel Danquah, Michael Ochem, **Osei Owusu Antobre** (2020). Spatiotemporal dynamics of terrestrial invertebrate assemblages in the riparian zone of the Wewe river, Ashanti region, Ghana. *Open Life Sciences*. https://doi.org/10.1515/biol-2020-0037

28. **Antobre Osei Owusu** (2019). A theoretical review towards a compositional model for creating African musical drama: Anansegorndwom. *IOSR Journal of Humanities and Social Science*. https://www.researchgate.net/profile/Emmanuel-Acquah-11/publication/361880386_A_Theoretical_Review_towards_a_Compositional_Model_for_Creating_African_Musical_Drama_Anansegorndwom_A_Theoretical_Review_towards_a_Compositional_Model_for_Creating_African_Musical_Drama_Anansegorndwo/links/62ca0f0ed7bd92231fa70e39/A-Theoretical-Review-towards-a-Compositional-Model-for-Creating-African-Musical-Drama-Anansegorndwom-A-Theoretical-Review-towards-a-Compositional-Model-for-Creating-African-Musical-Drama-Anansegorndwo.pdf

29. Collins Ayine Nsor, **Osei Owusu Antobre**, Asaah Sumaila Mohammed, Foster Mensah (2019). Modelling the effect of environmental disturbance on community structure and diversity of wetland vegetation in Northern Region of Ghana. *Aquatic Ecology*. https://doi.org/10.1007/s10452-019-09677-5

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31. **Antobre Osei Owusu**, George Ashiagbor, Emmanuel Danquah (2019). Quantifying Recent Floodplain Vegetation Change along the White Volta River in the Northern Region of Ghana. *Ghana Journal of Geography*.

32. **Antobre Osei Owusu** (2018). Analytical pursuit of CWK Mereku's 'Asomdwee Hen'operetta. *Published in Journal of African Arts & Culture*. https://ir.uew.edu.gh/handle/123456789/981

33. Nat Owusu-Prempeh, Daniel Siaw, **Osei Antobre** (2018). Assessing the Potential Ecological Risks of a 12-Year Old Reclaimed Post-Mined Site for Agricultural Land-Use. *Current Journal of Applied Science and Technology*. https://doi.org/10.9734/cjast/2017/39456

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35. **Antobre Osei Owusu**, Collins Ayine Nsor, Emmanuel Danquah, Lesley T. Lancaster (2018). Odonata assemblages along an anthropogenic disturbance gradient in Ghana's Eastern Region. *Aberdeen University Research Archive (Aberdeen University)*. https://doi.org/10.5281/zenodo.1239947

36. **Antobre Osei Owusu**, George Ashiagbor, Collins Ayine Nsor, Louise M van Leeuwen (2018). Urban land transformations and its implication on tree abundance distribution and richness in Kumasi, Ghana. *Journal of Urban Ecology*. https://doi.org/10.1093/jue/juy019

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40. Nat Owusu-Prempeh, **Osei Owusu Antobre**, Thomas Agyei (2017). Floral diversity and carbon stocks and of protected forest ecosystem: A case of UENR's Bat Sanctuary, Sunyani, Ghana. *Open Journal of Forestry*. https://doi.org/10.4236/ojf.2018.81003
41. **Antobre Osei Owusu**, AA Abunyewa, S Boadi (2017). Maize and cassava based systems: implications of continuous cropping on chemical properties of a ferric Acrisol/dystic Fluvisol. *Agricultural and Food Science Journal of Ghana*. https://www.ajol.info/index.php/afsjg/article/view/162906
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53. **Antobre Osei Owusu**, Emmanuel Obed Acquah (2014). MUSIC ANALYTICAL PRESENTATION OF NEWLOVE ANNAN'S MƆBƆ DAWUR (I WILL TELL IT TO THE WORLD) (CHORAL COMPOSITION). *RePEc: Research Papers in Economics*.
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Nontimber Forest Product Yield and Income fromThaumatococcus danielliiunder a Mixed Tree Plantation System in Ghana. *International Journal of Forestry Research*. https://doi.org/10.1155/2014/524863

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Reports 2

1. **Antobre Osei Owusu** (2015). Wetlands disturbance in Northern Region of Ghana: An indigenous conservation approach. *International Knowledge Press*. https://www.researchgate.net/profile/Elliot-Alhassan/publication/282977139_WETLANDS_DISTURBANCE_IN_NORTHERN_REGION_OF_GHANA_AN_INDIGENOUS_CONSERVATION_APPROACH/links/5624f62808ae93a5c92d40c2/WETLANDS-DISTURBANCE-IN-NORTHERN-REGION-OF-GHANA-AN-INDIGENOUS-CONSERVATION-APPROACH.pdf

2. **Antobre Osei Owusu** (2013). Female leadership stereotypes: The perception of the leadership of female heads of senior high schools in Ashanti region. *Educational Research*. https://ir.uew.edu.gh/handle/123456789/4713

Theses 2

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