

Kobina Yankson

Professor · Department of Fisheries and Aquatic Sciences
University of Cape Coast

Google Scholar scholar.google.com/citations?user=hZjuSyIAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/418cabd8-4b0e-417e-8c46-e74ad53dc74b

RESEARCH

Interests Marine ecology · Aquaculture · Bivalve biology

Areas Global and Planetary Change · Ecology · Aquatic Science · Nature and Landscape Conservation · Ocean Engineering · Immunology

RESEARCH SUMMARY

66	846	17	26	0.75	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 66 publications listed below, 1819–2026. 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. 0 of the 24 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 63

1. Isaac Kofi Osei, Kobina Yankson, Edward Adzesiwor Obodai (2026). Morphological Evidence of Phenotypic Plasticity in Shells of Oyster (*Crassostrea tulipa*) From Sub-Habitats in the Densu Estuary, Ghana. *Aquaculture Fish and Fisheries*. <https://doi.org/10.1002/aff2.70170>
2. Rhoda Lims Diye, Dennis Worlanyo Aheto, Mike Yaw Osei-Atweneboana, Emmanuel Odartei Armah, Kobina Yankson (2024). Contamination of Fish Feed with Pathogenic Organisms: Implications on Fish Diseases in Aquaculture Systems. *Ghana Journal of Science Technology and Development*. <https://doi.org/10.47881/283.967x>
3. Ernest Obeng Chuku, Kobina Yankson, Edward Adzesiwor Obodai, Emmanuel Acheampong, Denis Worlanyo Aheto (2023). Spatiotemporal spatfall dynamics and prevailing estuarine conditions for optimal oyster (*Crassostrea tulipa*) spat availability in selected Gulf of Guinea brackish systems. *Frontiers in Marine Science*. <https://doi.org/10.3389/fmars.2023.1075313>
4. Isaac Kofi Osei, Kobina Yankson, Edward Adzesiwor Obodai (2022). Comparative analysis of growth performance and survival of the West African mangrove oyster, *Crassostrea tulipa* (Lamarck, 1819) cultivated by suspension and bottom culture methods in the Densu Estuary, Ghana. *Aquaculture Fish and Fisheries*. <https://doi.org/10.1002/aff2.43>
5. Rhoda Lims Diye, Dennis W. Aheto, Mike Y. Osei-Atweneboana, Emmanuel Armah, Kobina Yankson (2022). Prevalence of bacterial infections and the use of multiplex PCR assay for rapid detection of pathogens in cultured fish in Ghana. *Archives of Microbiology*. <https://doi.org/10.1007/s00203-022-03001-w>
6. EBENEZER DELALI KPELLE, JOHN BLAY, KOBINA YANKSON (2022). The biological characteristics of the Nile tilapia (*Oreochromis niloticus*) in the Weija Reservoir, Ghana. *International Journal of Bonorowo Wetlands*. <https://doi.org/10.13057/bonorowo/w120105>
7. Kobina Yankson, E Acheampong (2022). Towards diversification of aquaculture in Ghana: Reproductive response of *Sarotherodon melanocheilus* to locally formulated fish feed (2022) *Journal of Aquaculture, Fisheries & Fish Science*. <https://www.siftdesk.org/articles/pdf/Towards-diversification-of%20aquaculture-in-Ghana20220704194903.pdf>

8. Isaac Kofi Osei, Kobina Yankson, Edward Adzesiwor Obodai (2021). Effect of sedentary biofoulers on the growth and survival of cultured oysters (*Crassostrea tulipa*) towards its mass culture in the Densu Delta, Ghana. *Aquaculture International*. <https://doi.org/10.1007/s10499-021-00659-9>
9. Isaac Kofi Osei, Kobina Yankson, Edward Adzesiwor Obodai, Isaac Okyere (2021). Implications of overlooked seasonal growth dynamics in tropical fisheries assessment: A test case of an oyster (*Crassostrea tulipa*) fishery in the Densu Delta, Ghana. *Fisheries Research*. <https://doi.org/10.1016/j.fishres.2021.106118>
10. IK Osei, Kobina Yankson, EA Obodai (2020). Demographic and profitability analyses of the West African mangrove oyster (*Crassostrea tulipa*) fishery in the Densu delta, Ghana. *Journal of Fisheries and Coastal Management*. https://www.researchgate.net/profile/Isaac-Osei-8/publication/347925470_Demographic_and_profitability_analyses_of_the_West_African_mangrove_oyster_Crassostrea_tulipa_fishery_in_the_Densu_delta_Ghana/links/6022951092851c4ed55e7e0c/Demographic-and-profitability-analyses-of-the-West-African-mangrove-oyster-Crassostrea-tulipa-fishery-in-the-Densu-delta-Ghana.pdf?origin=journalDetail&_tp=eyJwYWdlIjoiam91cm5hbERldGFpbCJ9
11. Ernest Obeng Chuku, Kobina Yankson, Edward Adzesiwor Obodai, Emmanuel Acheampong, Eunice Efua Boahemaa-Kobil (2020). Effectiveness of different substrates for collecting wild spat of the oyster *Crassostrea tulipa* along the coast of Ghana. *Aquaculture Reports*. <https://doi.org/10.1016/j.aqrep.2020.100493>
12. Kobina Yankson, E Acheampong (2020). Effects of tidal exposure on bivalve molluscs: first stab at the case of west african mangrove oyster (*Crassostrea tulipa*) in Benya lagoon, Elmina, Ghana. *Journal of Fisheries and Coastal Management*. <https://jfcmonline.com/fulltext/37-1584480533.pdf>
13. K Yankson, J Blay (2020). Status of the small pelagic stocks in Ghana in 2019. *Scientific and Technical Working Group. USAID/Ghana Sustainable Fisheries Management Project (SFMP)*. Narragansett, RI: Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island. GH2014_SCI083_CRC. http://www.crc.uri.edu/download/GH2014_SCI083_CRC_FIN508.pdf
14. Eric A. Krampah, Kobina Yankson, John Blay (2019). Population dynamics of the Brown mussel *Perna perna* at a Rocky beach near Cape Coast, Ghana. *Marine Ecology*. <https://doi.org/10.1111/maec.12575>
15. K Yankson, J Blay (2018). Status of Ghana's small pelagic stocks and recommendations to achieve sustainable fishing 2017. *Scientific and Technical Working Group. USAID/Ghana Sustainable Fisheries Management Project (SFMP)*. <https://scholar.google.com/scholar?cluster=15110934770920666767&hl=en&oi=scholar>
16. K Yankson, J Blay (2018). Status of the small pelagic stocks in Ghana and recommendations to achieve sustainable fishing 2017. *Scientific and Technical Working Group. USAID/Ghana Sustainable Fisheries Management Project (SFMP)*. Coastal Resources Center, Graduate School of Oceanography, University of Rhode Island. GH2014_SCI042_CRC. https://www.crc.uri.edu/download/GH2014_SCI042_CRC_FIN508.pdf
17. 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
18. EA Krampah, K Yankson, J Blay (2016). Aspects of reproduction of the brown mussel *Perna perna* at the Iture rocky beach near Cape Coast, Ghana. *African Journal of Marine Science*. <https://doi.org/10.2989/1814232x.2016.1247751>
19. K Yankson, J Blay (2016). Rebuilding depleted small pelagic stocks in Ghana. *A closed fishing season proposal to the Ministry of Fisheries and Aquaculture Development. The Scientific and Technical Working Group. The USAID/Ghana Sustainable Fisheries Management Project (SFMP)*. Coastal Resource Center, Graduate School of Oceanography, University of Rhode Island, Narragansett, RI. https://www.crc.uri.edu/download/GH2014_SCI002_CRC_FIN508.pdf
20. K K Mireku, J Blay, K Yankson (2016). Reproductive biology of Blackchin tilapia, *Sarotherodon melanotheron* (Pisces: Cichlidae) from Brimsu Reservoir, Cape Coast, Ghana. *International Journal of Fisheries and Aquaculture*. <https://doi.org/10.5897/ijfa2015.0511>
21. Kobina Yankson (2015). Braqueurs, au-delà du mythe. *Sécurité globale*. <https://shs.cairn.info/revue-securite-globale-2015-2-page-21>

22. Margaret Fafa Akwetey, K Yankson (2015). Comparative study of the benthic macroinvertebrate communities of two estuaries on the Southwestern Coast of Ghana. *Annals of Biological Research*. <https://www.academia.edu/download/116994158/comparative-study-of-the-benthic-macroinvertebrate-communities-of-twoestuaries-on-the-southwestern-coast-of-ghana.pdf>
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24. Margaret Fafa Akwetey, Kobina Yankson (2015). Hydrographic characteristics of two estuaries on the south western coast of Ghana. *New York Science Journal*. <https://scholar.google.com/scholar?cluster=17006619110717027132&hl=en&oi=scholar>
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28. K Yankson (2012). The effect of salinity on particle filtration rates of the west African mangrove oyster. *Journal of Young Investigators*. https://www.researchgate.net/profile/Daniel-Wubah/publication/263379866_The_Effect_of_Salinity_on_Particle_Filtration_Rates_of_the_West_African_Mangrove_Oyster/links/0deec53ab17823aa2d000000/The-Effect-of-Salinity-on-Particle-Filtration-Rates-of-the-West-African-Mangrove-Oyster.pdf
29. HR Dankwa, J Blay Jr, K Yankson (2009). Food and feeding habits of grey Mulletts (Pisces: Mugilidae) in two estuaries in Ghana. *West African Journal of Applied Ecology*. <https://doi.org/10.4314/wajae.v8i1.45786>
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31. Kobina Yankson (2009). Seaweed and Associated Invertebrates at Iture Rocky Beach, Cape Coast, Ghana. *Journal of Young Investigators*. <https://www.jyi.org/2009-march/2017/10/8/seaweed-and-associated-invertebrates-at-iture-rocky-beach-cape-coast-ghana>
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(carassostrea tulipa) culture. *Journal of Natural Sciences*. <https://www.africabib.org/rec.php?RID=Q00034533>

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51. Kobina Yankson (1996). Sexual differentiation of *Crassostrea tulipa* in two contrasting brackishwater environments. *Journal of Molluscan Studies*. <https://doi.org/10.1093/mollus/62.1.135>
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Book chapters 1

1. K Yankson, J Blay (2016). Rebuilding Depleted Small Pelagic Stocks in Ghana. A Closed Fishing Season Proposal to the Ministry of Fisheries and Aquaculture Development. *The Scientific and Technical Working Group. The USAID/Ghana Sustainable Fisheries Management Project (SFMP)*. <https://scholar.google.com/scholar?cluster=4078406643248462669&hl=en&oi=scholar>

Theses 1

1. Kobina Yankson (1983). Studies on the reproductive biology and culture of two species of *Cerastoderma* (Lamellibranchia). *University College of Swansea*. <https://scholar.google.com/scholar?cluster=2872430138922009244&hl=en&oi=scholar>

Other publications 1

1. K Yankson, EA Obodai, E Acheampong (1819). Evaluating the effectiveness of local materials for the wild oyster (*Crassostrea tulipa* Lamarck, 1819) spat collection in four coastal waterbodies in Ghana. *Department of Animal and Aquacultural Sciences (IHA)*.