Kobina Yankson

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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 Diyie, 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 Diyie, 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 KPELLY, 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 aquacul-ture in Ghana: Reproductive response of Sarotherodon melanotheron 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://jfcomonline.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=scholarr

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 musselPerna pernaat 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

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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=scholarr

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=scholarr

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)*.