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RESEARCH

Interests	Fisheries Biology · Aquaculture · Aquatic Ecosystems Health
Areas	Aquatic Science · Global and Planetary Change · Ecology · Nature and Landscape Conservation · Earth-Surface Processes · Physiology

RESEARCH SUMMARY

60	699	16	23	0.82	4%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 60 publications listed below, 1981–2024. Field-weighted impact is the mean over the 27 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 27 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 53

1. Michelle Naa Kordei Clottey, Joseph Aggrey-Fynn, **John Blay**, Evans Kwasi Arizi (2024). Stock assessment and reproductive biology of bluespotted seabream Pagrus caeruleostictus (family: Sparidae). *Aquaculture Fish and Fisheries*. https://doi.org/10.1002/aff2.163
2. Gertrude L.A. Dali, Denis W. Aheto, **John Blay** (2023). Mangrove resource utilization and impacts in the Pra and Kakum estuaries of Ghana. *Regional Studies in Marine Science*. https://doi.org/10.1016/j.rsma.2023.103035
3. Joshua Adotey, Emmanuel Acheampong, Denis Worlanyo Aheto, **John Blay** (2022). Carbon Stocks Assessment in a Disturbed and Undisturbed Mangrove Forest in Ghana. *Sustainability*. https://doi.org/10.3390/su141912782
4. JE Kassah, J **Blay**, I Okyere, N Lazar (2022). Maturity length, fecundity and spawning season of Atlantic chub mackerel Scomber colias in the coastal waters of Ghana (west-central Gulf of Guinea). *African Journal of Marine Science*. https://doi.org/10.2989/1814232x.2022.2113140
5. 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
6. IK Osei, J **Blay**, N Asare (2021). An update of the reproductive biology of sardinellas (Family: Clupeidae) in the coastal waters of Ghana. *Fish Res*. https://scholar.google.com/scholar?cluster=11657230216682111829&hl=en&oi=scholarr
7. Theophilus Apenuvor, **John Blay**, Joseph Aggreyfynn, Simon Drafor (2021). Effect of Different Doses of 17 A -Methyltestosterone on Masculinization, Pre-Post Treatment Growth Parameters and Condition Factor of Sarotherodon Melanotheron in Pond System. *Academic Journal of Life Sciences*. https://doi.org/10.32861/ajls.74.56.62
8. **John Blay** (2021). Effect of Different Doses of 17?-Methyltestosterone on Masculinization, Pre-Post Treatment Growth Parameters and Condition Factor of Sarotherodon Melanotheron in Pond System. *Academic Journal of Life Sciences*. https://ideas.repec.org/a/arp/ajlsar/2021p56-62.html
9. Isaac Okyere, **John Blay** (2020). Assessment of the fishery, growth and mortality characteristics of the

cassava croaker, Pseudotolithus senegalensis (Sciaenidae) from coastal waters of Ghana. *Regional Studies in Marine Science*. https://doi.org/10.1016/j.rsma.2020.101425

10. 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
11. GA Tibu, DW Aheto, **J Blay** (2019). Growth and mortality parameters of the black-chinned tilapia Sarotherodon melanotheron melanotheron (Pisces: Cichlidae) in a small lagoon in the Central Region of Ghana. *African Journal of Aquatic Science*. https://doi.org/10.2989/16085914.2019.1619512
12. 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
13. 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
14. 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
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17. 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
18. 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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22. **JNR Blay** (2013). Peliminary Assessement of the Growth of Two West African Bloody Cockle (Anadara senilis) Population in Ghana. *Ghana Journal of Science*. https://scholar.google.com/scholar?cluster=14855149707741465796&hl=en&oi=scholarr
23. Isaac Okyere, **John Blay**, Joseph Aggrey-Fynn, Denis Worlanyo Aheto (2011). Composition, Diversity and Food Habits of the Fish Community of a Coastal Wetland in Ghana. *Journal of Environment and Ecology*.

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30. Kwarteng Twumasi, D. K. Dodoo, D. K. Essumang, **J. Blay**, K. Yankson (2007). The Effect of some Selected Pesticides on the Growth and Reproduction of Fresh Water Oreochromis niloticus, Chrysicthys nigrodigitatus and Clarias gariepinus. *Bulletin of Environmental Contamination and Toxicology*. https://doi.org/10.1007/s00128-007-9279-3
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35. A. Asabere-Ameyaw, **J. Blay, Jr.**, K. Yankson (2000). Aspects of the dynamics of the inshore and offshore populations of Brachydeuterus auritus (Family: Haemulidae) in Ghana. *Journal of the Ghana Science Association*. https://doi.org/10.4314/jgsa.v2i3.17884
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48. **John Jr. Blay** (1989). Morphometry, length-weight relationships and length distributions of five populations of the freshwater bivalve Aspatharia sinuata (Unionacea, Mutelidae) in Nigeria. *Malacologia*. https://pascal-francis.inist.fr/vibad/index.php?action=getRecordDetail&idt=6630928

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Book chapters 2

1. Elizabeth Effah, Denis W. Aheto, Emmanuel Acheampong, **John Blay** (2023). Ghana Case Study Two. *Challenges in Tropical Coastal Zone Management*. https://doi.org/10.1007/978-3-031-17879-5_14

2. 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

Reports 4

1. **john blay** (2019). On-farm Floating Feed Formulation for Growth and Survival of Tilapia. *Éditions universitaires européennes*. https://scholar.google.com/scholar?cluster=20985964665312207 41&hl=en&oi=scholarr
2. **John Blay** (2009). Lagoon tilapia: bioprofile and prospects for coastal fisheries. *University of Cape Coast*. https://ir.ucc.edu.gh/items/50a84f1f-1fbc-47f1-99f9-3d2bf9ea7436
3. **John Blay** (2000). Assessment of the shery, growth and mortality characteristics of the cassava croaker, Pseudotolithus senegalensis (Sciaenidae) from coastal waters of Ghana. *University of Cape Coast*. https://ir.ucc.edu.gh/items/f939850e-3fbc-4ec0-b74f-baa93d62c44c
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Theses 1

1. **john blay** (2001). I hereby declare that this thesis is the result of my own original research and that no part of it has been presented for another degree in this University or. *University of Cape Coast*. https://ir.ucc.edu.gh/server/api/core/bitstreams/be802387-f719-4fe2-a6d5-d58625f79f78/content