Kwadwo Kesse Mireku

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RESEARCH

Interests	Fish Genetics · Aquaculture
Areas	Aquatic Science · Ecology · Molecular Biology · Nature and Landscape Conservation · Endocrinology · General Agricultural and Biological Sciences

RESEARCH SUMMARY

12	74	4	3	0.54	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 12 publications listed below, 2011–2024. Field-weighted impact is the mean over the 7 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 7 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2019–present
Fisheries and Aquatic Sciences, University of Cape Coast, Cape Coast, Ghana

Teaching Associate/ Research Assistant 2005–2018
Fisheries and Aquatic Sciences, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD 2013–2018
Aquaculture and Fisheries, Lilongwe University of Agriculture and Natural Resources, Lilongwe, Malawi

MPhil 2005–2012
Fisheries and Aquatic Sciences, University of Cape Coast, Cape Coast, Ghana

BSc Biology 2000–2004
Zoology & Botany, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 10

1. F. Abubakar, A. Boateng, D. Asiedu, E. Chuku, **K. K. Mireku**, E. Acheampong (2024). Efficient Low-Technology Apparatus for Sterilising Seawater for Mariculture Research. *Journal of applied science and environmental management*. https://doi.org/10.4314/jasem.v28i10.34
2. Elizabeth Agyekumwaa, Sefah Joseph Debrah, **Kwadwo Kesse Mireku** (2023). Bio-ecological studies on two cichlids in the Brimsu reservoir of Ghana. *Aquaculture Fish and Fisheries*. https://doi.org/10.1002/aff2.131
3. Abdou Matinou Ogbon, Richmond Afoakwah, **Kwadwo Kesse Mireku**, Nounagnon Darius Tossavi, Ken MacKenzie (2023). Parasites of Sardinella maderensis (Lowe, 1838) (Actinopterygii: Clupeidae) and Their Potential as Biological Tags for Stock Identification along the Coast of West Africa. *Biology*. https://doi.org/10.3390/biology12030389

4. MK Vowotor, SS Sackey, G Amoako, B Sefa-Ntiri, CLY Amuah, **KK Mireku** (2020). Epithermal Instrumental Neutron Activation Analysis Technique in Determining Bromine, Chlorine, and Iodine in Sarotherodon Melanotheron from the Benya Lagoon, Ghana. *International Journal of Science and Engineering Investigations*. https://ir.ucc.edu.gh/server/api/core/bitstreams/f2fc889d-3b53-48ec-b59e-10db1248d6bd/content

5. **K. K. Mireku**, D. Kassam, W. Changadeya, F. Y. K. Attipoe, C. A. Adinortey (2017). Assessment of genetic variations of Nile Tilapia (Oreochromis niloticus L.) in the Volta Lake of Ghana using microsatellite markers. *AFRICAN JOURNAL OF BIOTECHNOLOGY*. https://doi.org/10.5897/ajb2016.15796

6. **K. K. Mireku**, D. Kassam, W. Changadeya, F. Y. K. Attipoe (2017). Characterization of the Production and Dissemination Systems of Nile Tilapia in Some Coastal Communities in Ghana. *Sustainable Agriculture Research*. https://doi.org/10.5539/sar.v7n1p14

7. **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

8. MK Vowotor, Samuel Sonko Sackey, Christiana Odumah Hood, E Tatchie, DC Adukpo, **KK Mireku**, S Nyarko (2015). Daily Intake and Sources of Trace Elements in Sarotherodon melanotheron from the Benya Lagoon, KEEA, Ghana, Using Instrumental Neutron Activation Analysis. *Journal of Basic & Applied Sciences*. https://www.researchgate.net/profile/Samuel-Sackey-2/publication/301201935_Daily_Intake_and_Sources_of_Trace_Elements_in_Sarotherodon_melanotheron_from_the_Benya_Lagoon_KEEA_Ghana_Using_Instrumental_Neutron_Activation_Analysis/links/570bfc1a08aee0660351a954/Daily-Intake-and-Sources-of-Trace-Elements-in-Sarotherodon-melanotheron-from-the-Benya-Lagoon-KEEA-Ghana-Using-Instrumental-Neutron-Activation-Analysis.pdf

9. Michael Kwame Vowotor, Christiana Odumah Hood, Samuel Sonko Sackey, Alfred Owusu, Ebenezer Tatchie, Savanna Nyarko, Daniel Manu Osei, **Kwadwo Kesse Mireku**, Crystal Bubune Letsa, Sampson M. Atieomo (2014). An Assessment of Heavy Metal Pollution in Sediments of a Tropical Lagoon: A Case Study of the Benya Lagoon, Komenda Edina Eguafo Abrem Municipality (KEEA) — Ghana. *Journal of Health and Pollution*. https://doi.org/10.5696/2156-9614-4-6.26

10. MK Vowotor, CO Hood, **KK Mireku** (2012). Determination of Mn, Cu, and Na in Sarotherodon Melanotheron (Blackchin Tilapia) From the Fosu Lagoon, Cape Coast-Ghana, Using Instrumental Neutron Activation Analysis (INAA). *The African Review of Physics*. http://lamp.ictp.it/index.php/aphysrev/article/download/609/263

Reports 1

1. EA Obodai, I Okyere, **KK Mireku**, DW Aheto (2011). Comparative study of tilapiine populations from two contrasting habitats in Ghana. *University of Cape Coast*. https://ir.ucc.edu.gh/items/8eb5e232-d6b2-4c14-89e0-46b66acf1f90

Theses 1

1. **KK Mireku** (2012). Aspects of the biology of Cichlids in the Brimsu reservoir in Cape Coast, Ghana. *M. Phil. thesis). Cape Coast: Department of Fisheries and Aquatic Sciences, University of Cape Coast*. https://fishcomghana.ucc.edu.gh/wp-content/uploads/2017/01/ASPECTS-OF-THE-BIOLOGY-OF-CICHLIDS-IN-THE-BRIMSU-RESERVOIR-IN-CAPE-COAST-GHANA_Mireku_2012.pdf