Sarah Darkwa

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RESEARCH

Interests	Food Science · Nutrition & the Environment
Areas	Food Science · Ecology · Education · General Health Professions · Management, Monitoring, Policy and Law · Public Health, Environmental and Occupational Health

RESEARCH SUMMARY

32	394	9	9	1.07	11%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 32 publications listed below, 2003–2025. Field-weighted impact is the mean over the 18 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 18 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 29

1. **Sarah Darkwa** (2025). Assessment of levels of heavy metals in some common local spices sold in two markets in Cape Coast Ghana. *Archives of Agriculture and Environmental Science*. https://aesacademy.org/journals/index.php/aaes/article/view/1109
2. **Sarah Darkwa** (2025). Comparative analysis of microbial contamination in vegetables sourced from farms, markets and street vendors in cape coast, Ghana. *Archives of Agriculture and Environmental Science*. https://journals.aesacademy.org/index.php/aaes/article/view/1110
3. Peter Yidana, **Sarah Darkwa** (2024). A model of effective teaching of economics in higher education: the integral role of classroom learning environment, instructional practices, and teacher characteristics. *Journal of Learning Development in Higher Education*. https://doi.org/10.47408/jldhe.vi30.1024
4. Nkosi Nkosi Botha, Edward Wilson Ansah, Cynthia Esinam Segbedzi, **Sarah Darkwa** (2023). Public health concerns for food contamination in Ghana: A scoping review. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0288685
5. Roseline Love MacArthur, Ernest Teye, **Sarah Darkwa** (2021). Microbial contamination in palm oil selected from markets in major cities of Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2021.e07681
6. Roseline MacArthur, Ernest Teye, **Sarah Darkwa** (2021). Quality and safety evaluation of important parameters in palm oil from major cities in Ghana. *Scientific African*. https://doi.org/10.1016/j.sciaf.2021.e00860
7. Roseline Love MacArthur, Ernest Teye, **Sarah Darkwa** (2020). Predicting adulteration of Palm oil with Sudan IV dye using shortwave handheld spectroscopy and comparative analysis of models. *Vibrational Spectroscopy*. https://doi.org/10.1016/j.vibspec.2020.103129
8. Esther Kumea Ashun, **Sarah Darkwa**, Christiana Nsiah-Asamoah (2019). Nutritional Quality, Functional Properties and Sensory Acceptability of an Orange - fleshed Sweet Potato - based Complementary Food. *Asian Food Science Journal*. https://doi.org/10.9734/afsj/2019/v11i430067
9. **S Darkwa** (2018). Collection, identification, physico-chemical and microbial quality analysis of non-alcoholic drinks in the Cape Coast Metropolis. *Unpublished master's dissertation, Department of Vocational and Technical Education, University of Cape Coast*. https://ir.ucc.edu.gh/server/api/core/bitstreams/

0ad83084-849e-4934-886e-32b4bbcc9fb5/content

10. **Sarah Darkwa** (2016). An Exploration of Possible Consequences of Indiscriminate Consumption of Bissap Drink in Ghana. *British Microbiology Research Journal*. https://doi.org/10.9734/bmrj/2016/28563
11. Marvel Hinson, **Sarah Darkwa** (2016). Assessment of chemical contaminants in corn dough from selected corn wet milling plants in Mankessim. *Asian Journal of Agriculture and Rural Development*. https://doi.org/10.18488/journal.1005/2016.6.6/1005.6.106.118
12. **Sarah Darkwa**, Hannah Edjah (2016). Campus Sustainability Assessment: The Case of University of Cape Coast, Ghana. *British Journal of Applied Science & Technology*. https://doi.org/10.9734/bjast/2016/25553
13. **Sarah Darkwa** (2016). Environmental Education for Sustainable Development: The Case of University of Cape Coast-Ghana. *Journal of Education Society and Behavioural Science*. https://doi.org/10.9734/bjesbs/2016/25158
14. Grace Annagmeng Mwini, **Sarah Darkwa** (2016). Microbial Contamination Associated with "Wagashi-Cheese" Production in Sissala East District- Ghana. *Journal of Food Research*. https://doi.org/10.5539/jfr.v5n4p11
15. Akosua Fosua Kyei, **Sarah Darkwa** (2015). ASSESSING STUDENT'S KNOWLEDGE OF THE HEALTH RISKS OF PLASTICIZER EXPOSURE. *RePEc: Research Papers in Economics*.
16. **Sarah Darkwa** (2015). Asian Journal of Empirical Research. *Asian Journal of Empirical Research*. https://www.researchgate.net/profile/Sarah-Darkwa-3/publication/280580448_Consumers'_Knowledge_Understanding_and_Use_of_Food_Label_Information_and_How_it_Affects_Purchasing_Decision_in_Ho_Ghana/links/577fcc9b08ae69ab88240d43/Consumers-Knowledge-Understanding-and-Use-of-Food-Label-Information-and-How-it-Affects-Purchasing-Decision-in-Ho-Ghana.pdf
17. Priscilla Cecilia Affram, **Sarah Darkwa** (2015). Consumers' Knowledge, Understanding and Use of Food Label Information, and How it Affects Purchasing Decision in Ho, Ghana. *RePEc: Research Papers in Economics*.
18. Francesca Anowie, **Sarah Darkwa** (2015). The Knowledge, Attitudes and Lifestyle Practices of Hypertensive Patients in the Cape Coast Metropolis-Ghana. *Journal of Scientific Research and Reports*. https://doi.org/10.9734/jsrr/2015/19891
19. **Sarah Darkwa** (2014). Flying under the radar: A study of public attitudes towards unmanned aerial vehicles. *Research & Politics*. https://doi.org/10.1177/2053168014536533
20. **S. Darkwa** (2014). Knowledge of nutrition facts on food labels and their impact on food choices on consumers in Koforidua, Ghana: a case study. *South African Journal of Clinical Nutrition*. https://doi.org/10.1080/16070658.2014.11734479
21. **Sarah Darkwa** (2014). Students' perspectives of the food and nutrition program at the University of Cape Coast Home Economics department and its implication on curriculum change. *Science Journal of Education*. https://www.academia.edu/download/76347888/10.11648.j.sjedu.20140201.12.pdf
22. Eunice, Ayensu, **Sarah**, **Darkwa**, Eunice, Ayensu, Sarah, Darkwa (2013). An Assessment of the Nutritional Status of under Five Children in Four Districts in the Central Region of Ghana. *RePEc: Research Papers in Economics*. https://doi.org/10.22004/ag.econ.198311
23. **Sarah Darkwa** (2013). Asian Journal of Agriculture and Rural Development. *Asian Journal of Agriculture and Rural Development*. https://www.academia.edu/download/32463165/8-346-3112013-AJARD-851-860.pdf
24. **Sarah Darkwa** (2013). Spices and Condiments in Ghana: Their Utilization in Comminuted Meat. *Asian Journal of Agriculture and Rural Development*. https://ir.ucc.edu.gh/server/api/core/bitstreams/0d27fc02-a8b2-4316-bf4d-bb273f90a2a7/content
25. **Sarah Darkwa** (2011). Research Article: Environmental Justice Education: Empowering Ghanaian Students to become Environmental Citizens. *Environmental Practice*. https://doi.org/10.1017/s1466046611000342
26. **Sarah Darkwa**, Richard Smardon (2010). Research Article: Ecosystem Restoration: Evaluating Local Knowledge and Management Systems of Fishermen in Fosu Lagoon, Ghana. *Environmental Practice*. https://doi.org/10.1017/s1466046610000256

27. **Sarah Darkwa** (2005). Aspán, A., see Eriksson, J.(104) 93 Audinet, N., see Gnanou Besse, N.(104) 123. *International Journal of Food Microbiology*. https://scholar.google.com/scholar?cluster=2889615500733825508&hl=en&oi=scholarr

28. **Sarah Darkwa** (2005). Effect of boiling and roasting on the fermentation of soybeans into dawadawa (Soy-dawadaw. *International Journal of Food Microbiology*.

29. **S Darkwa**, E Sakyi-Dawson (2003). The role of bacillus species in the characteristic aroma of traditionally fermented soy dawadawa. *Ghana Journal of Science*. https://scholar.google.com/scholar?cluster=4221911382043646215&hl=en&oi=scholarr

Book chapters 1

1. **Brenda J. Nordenstam and Sarah Darkwa** (2010). Risk consumption and environmental justice in the Great Lakes: The influence of fish advisories on risk perception, knowledge, and behavior of white and minority anglers. *Environment and Social Justice: An International Perspective*.

Reports 1

1. Akwasi Acheampong, AFA Marfo, **Sarah Darkwa**, AO Antwi, MK Baah, E Bessah, Gordon A Awandare (2021). Scientific African. *Scientific African*. https://www.researchgate.net/profile/Temitope-D-Timothy-Oyedotun/publication/356402866_Household_Waste_Generation_Change_in_Waste_Composition_and_the_Exposure_to_COVID-19_in_Guyana_and_Nigeria/links/619fb8b1d7d1af224b241a9b/Household-Waste-Generation-Change-in-Waste-Composition-and-the-Exposure-to-COVID-19-in-Guyana-and-Nigeria.pdf?_sg%5B0%5D=started_experiment_milestone&origin=journalDetail

Theses 1

1. **Sarah Darkwa** (2009). Risk perception, knowledge and behavior: Case studies of fishermen from Lake Ontario, USA and Fosu Lagoon, Ghana. *State University of New York College of Environmental Science and Forestry*. https://search.proquest.com/openview/cd7902cc488a5b458a101dc6173d89f8/1?pq-origsite=gscholar&cbl=18750