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RESEARCH

Areas: Water Science and Technology · Education · Food Science · Pollution · Electrical and Electronic Engineering · Forestry

RESEARCH SUMMARY

8	39	3	2	0.80	13%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 8 publications listed below, 2023–2026. Field-weighted impact is the mean over the 8 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 8 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 8

1. Christopher Yao Gadasu, Emmanuel Kyame Oppong, Kosi Mawuena Novidzro, **Bawa Mbage**, Israel Tefe, Anyetei Boi-Doku (2026). GC-MS based metabolic profiling of endophytic fungus isolated from Psidium guajava roots. *Discover Chemistry.*. https://doi.org/10.1007/s44371-026-00680-y
2. Regina Ama Frimpomaa Udzu, Felix Charlse Mills-Robertson, Samuel Tetteh Lowor, **Bawa Mbage**, Daniel Ako Tetteh, Patrick Twumasi, Eric Gyamerah Ofori, David Osam Acquaye (2026). The Impact of Fermentation Duration and Harvesting Season on the Proximate and Physicochemical Parameters of Cocoa (Theobroma cacao L.) Beans From Ghana. *Journal of Food Quality*. https://doi.org/10.1155/jfq/7543465
3. **Bawa Mbage** (2025). Assessing the Impact of Reflective Practice on Teachers' Professional Practices: A Case Study in Selected Ghanaian school. *EDUCATIO Journal of Education*. https://doi.org/10.29138/educatio.v9i3.1657
4. **Bawa Mbage** (2025). STUDENTS' PERCEPTIONS ABOUT MULTIMODAL INSTRUCTIONAL METHODS OF TEACHING CHEMISTRY CONCEPTS: A COLLEGE OF EDUCATION'S PERSPECTIVE. https://doi.org/10.34218/ije_06_01_001
5. Tibamba Matthew Tichem, Youbao Wang, Raphael B. H. Gameli, **Bawa Mbage**, Abudu Ballu Duwiejuah, Nannan Wang, Li Bing (2023). Mono and simultaneous adsorption of aldrin and toxic metals from aqueous solution using rice husk biochar. *BioResources*. https://doi.org/10.15376/biores.19.1.257-275
6. Tibamba Matthew Tichem, Youbao Wang, Raphael B. H. Gameli, **Bawa Mbage**, Bingbing Li (2023). Multicomponent Adsorption of Pollutants from Wastewater Using Low-Cost Eco-Friendly Iron-Modified Rice Husk Biochar in the Era of Green Chemistry. *Sustainability*. https://doi.org/10.3390/su152316348
7. Emmanuel Kaboja Magna, Ferdinand Tornyie, Francis Ofosu-Koranteng, Emmanuel Tetteh-Doku Mensah, Lloyd Larbi, **Bawa Mbage** (2023). Occurrence and Environmental Risk Assessment of Antibiotics in Water and Sediment from Fish Farms in the Lower Volta Lake of Ghana. *Chemistry Africa*. https://doi.org/10.1007/s42250-023-00727-y
8. **Bawa Mbage**, Yu Qi, Regina Frimpong (2023). Self-Synthesized POM-Chitosan Material with Enzyme Mimetic Activities for Antioxidant Applications. *ChemistrySelect*. https://doi.org/10.1002/slct.202300575