Prof. Emmanuel Kyame Oppong

Department of Chemistry Education
University of Education, Winneba

ORCID 0000-0002-3339-2173 · Profile uew.peerford.com/staff/56553b5b-b64e-4a93-aeec-1b0770366196

RESEARCH

Areas: Education · Pharmacology · Complementary and alternative medicine · Physical and Theoretical Chemistry · Plant Science · Cognitive Neuroscience

RESEARCH SUMMARY

13	36	4	1	0.77	15%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 13 publications listed below, 2009–2026. Field-weighted impact is the mean over the 13 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 13 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 13

1. Solomon Boachie, Francis Quansah, **Emmanuel Kyame Oppong**, Sam Arkoful, Rita Asano (2026). ASSESSING CLASSROOM PRACTICES OF CHEMISTRY LECTURERS IN COLLEGES OF EDUCATION: A QUALITATIVE MULTIPLE-CASE STUDY. *European Journal of Open Education and E-learning Studies*. https://doi.org/10.46827/ejoe.v11i1.6616
2. Solomon Boachie, Francis Quansah, **Emmanuel Kyame Oppong**, Rita Asano (2026). Challenges of Implementing Gender-responsive Pedagogy in Pre-service Teachers' Chemistry Lessons: A Case Study. *European Journal of Education and Pedagogy*. https://doi.org/10.24018/ejedu.2026.7.1.30958
3. Soloman Boachie, Francis Quansah, **Emmanuel Oppong**, Arkoful Sam, Yeboah Adjei (2026). Exploring Stakeholders' Views on Chemistry Curriculum Implementation in Teacher Education. *Teacher Education and Curriculum Studies*. https://doi.org/10.11648/j.tecs.20261101.13
4. 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
5. Esther Nartey, Ernest Koranteng, **Emmanuel Kyame Oppong**, Ruby Hanson (2024). Analysis of undergraduate chemistry students' responses to substitution reaction mechanisms: a road to mastery. *Chemistry Teacher International*. https://doi.org/10.1515/cti-2023-0075
6. Boniface Yaayin, **Emmanuel K. Oppong**, Ruby Hanson (2022). ENHANCING PRE-SERVICE TEACHERS' UNDERSTANDING AND ATTITUDES TOWARD NAMING AND REACTIONS OF ORGANIC COMPOUNDS USING JIGSAW APPROACH. *European Journal of Open Education and E-learning Studies*. https://doi.org/10.46827/ejoe.v7i2.4442
7. **Emmanuel K. Oppong**, Isaac Asare, Joseph Parker, Francis Quansah (2022). INVESTIGATING STUDENTS' ATTITUDE TOWARDS SCIENCE IN THE COLLEGES OF EDUCATION. *European Journal of Open Education and E-learning Studies*. https://doi.org/10.46827/ejoe.v7i1.4138
8. **Emmanuel Oppong**, Francis Quansah, Solomon Boachhie (2022). Improving Pre-service Science Teachers' Performance in Nomenclature of Aliphatic Hydrocarbons using Flipped Classroom Instruction. *Science education international*. https://doi.org/10.33828/sei.v33.i1.11
9. Charity Esenam Anor, Jan Lundell, Ruby Hanson, **Emmanuel Oppong** (2022). Students' engagement in learning by indigenous knowledge-chemistry lesson. *LUMAT International Journal on Math Science and*

Technology Education. https://doi.org/10.31129/lumat.10.1.1715

10. Boniface Yaayin, **Emmanuel K. Oppong**, Ruby Hanson (2021). Efficacy of Jigsaw Model in Improving Pre-Service Teachers' Performance in Selected Functional Group Organics Compounds. *DOAJ (DOAJ: Directory of Open Access Journals)*. https://doi.org/10.33828/sei.v32.i3.2
11. Solomon Boachie, Francis Quansah, **Emmanuel K. Oppong** (2021). THE PRACTICE AND AWARENESS OF GENDER RESPONSIVE INSTRUCTIONAL APPROACHES DURING COLLEGE OF EDUCATION CHEMISTRY LESSONS - A CASE STUDY. *European Journal of Open Education and E-learning Studies*. https://doi.org/10.46827/ejoe.v6i2.4084
12. C Ansah, **E Oppong**, E Woode (2011). Subacute Oral Toxicity Assessment of Alchornea cordifolia (Schumach and Thonn) Müll Arg (Euphorbiaceae) Extract in Rats. *Tropical Journal of Pharmaceutical Research*. https://doi.org/10.4314/tjpr.v10i5.7
13. C Ansah, **E Oppong**, E Woode, M Duwiejua (2009). Toxicity studies on Alchornea cordifolia leaf extract in mince. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v29i1.46424