

Christopher Beccles

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Google Scholar scholar.google.com/citations?user=w2r_OxAAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/66894795-566e-42aa-bdee-84b69b8159b1

RESEARCH

Interests Teacher Education · Methods of Teaching Science · Lesson Study · Classroom interactions · Learning

Areas Education · Applied Mathematics · Demography · Developmental and Educational Psychology · Safety Research

RESEARCH SUMMARY

13	72	6	2	2.89	33%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 13 publications listed below, 2009–2024. Field-weighted impact is the mean over the 6 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 6 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 12

1. Dewi Ria Retnani, Rina Royani, Christopher Beccles, Abderrachid Afras (2024). Improving Science Learning Outcomes on Light and Optical Instruments Through Visual Methods in Junior High Schools. *Schrödinger Journal of Physics Education*. <https://doi.org/10.37251/sjpe.v5i1.883>
2. Perpetual Coker Appiah, Christopher Beccles (2022). ANALYSIS OF THE FACTORS AFFECTING LOW PERFORMANCE OF SENIOR HIGH SCHOOL STUDENTS IN INTEGRATED SCIENCE. *European Journal of Education Studies*. <https://doi.org/10.46827/ejes.v9i10.4492>
3. Ernest Kofi Davis, Forster D. Ntow, Christopher Beccles (2022). Factors Influencing Ghanaian Public Junior High School Students' Performance in English Language, Mathematics and Science and its Implications on the National Policy on Progression. *SAGE Open*. <https://doi.org/10.1177/21582440221123912>
4. Ernest Kofi Davis, Mark Owusu Amponsah, Christopher Yaw Kwaah, Christopher Beccles (2019). Alignment of the planned and implemented curricula in Junior High School English Language, Mathematics and Science in three Districts in Ghana. *The Oguaa Educator*. <https://doi.org/10.47963/toe.v13i.294>
5. Christopher Yarkwah, CY Kwaah, C Beccles, Kofi Ayebi-Arthur (2019). Motivation to become a teacher among preservice teachers in colleges of education in Ghana. *Bangladesh Education Journal*. https://www.researchgate.net/profile/Ernest-Davis/publication/344035050_Motivation_to_Become_a_Teacher_among_Preservice_Teachers_in_Colleges_of_Education_in_Ghana/links/5f4e8341a6fdcc9879c0045f/Motivation-to-Become-a-Teacher-among-Preservice-Teachers-in-Colleges-of-Education-in-Ghana.pdf
6. Ernest Kofi Davis, Christopher Beccles, Etheldreda Intsiful (2019). Primary and junior high school mathematics and science teachers' views on teaching in the Cape Coast Metropolis of Ghana. *African Journal of Educational Studies in Mathematics and Sciences*. <https://doi.org/10.4314/ajesms.v15i2.2>
7. Kwaku Darko Amponsah, Jonas Kwadzo Kotoka, Christopher Beccles, Sipho Nhlanhla Dlamini (2018). Effectiveness of Collaboration on Low and High Achieving School Students' Comprehension of Electrochemistry in South Africa. *European Journal of STEM Education*. <https://doi.org/10.20897/ejsteme/2685>

8. C Beccles, Christopher Yaw Kwaah, DC Otami (2016). Teacher Response Model for the Management of Student Answers. *International Journal of Education, Learning and Development*. <https://scholar.google.com/scholar?cluster=2997570256401947103&hl=en&oi=scholar>
9. Christopher Beccles (2012). 12C-201 Intentions of Science Teachers to use Questions in Junior High Schools in Ghana. *日本理科教育学会全国大会発表論文集*. <https://cir.nii.ac.jp/crid/2051714791872860544>
10. Christopher BECCLES (2011). Science Teachers' and Students' Dialogue in Junior High School Classes in Ghana: A Focus on Teacher Responses to Students' Incorrect Answers. *Journal of Science Education in Japan*. https://www.jstage.jst.go.jp/article/jssej/35/3/35_KJ00007562724/_article/-char/ja/
11. Christopher Beccles (2010). Comparison of Science Teachers in Selected Basic Schools in Ghana with Reported Data from Five Developed Countries in TIMSS 1999 Video Study. *国際協力研究誌*. <https://hiroshima.repo.nii.ac.jp/records/2021911>
12. C Beccles, K. Ayebi-Arthur (2009). Improving the quality of science instruction in primary schools in Cape Coast. *Journal of Science and Mathematics Education*. <https://scholar.google.com/scholar?cluster=16397120736910869899&hl=en&oi=scholar>

Theses 1

1. Christopher Beccles (2012). Science Teaching, Classroom Discussion and Contexts in Junior High Schools in Ghana. *Hiroshima University*. https://www.academia.edu/download/72586378/diss_ko5704.pdf