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RESEARCH

Interests	Measurement and Evaluation · Educational Statistics · Assessment
Areas	Education · Safety Research · Information Systems · Clinical Psychology · Developmental and Educational Psychology · Information Systems and Management

RESEARCH SUMMARY

35	117	8	4	2.29	32%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 35 publications listed below, 2018–2026. Field-weighted impact is the mean over the 25 works scored for it; 1.00 is the world average for works of the same field, type and year. 8 of the 25 papers scored for it are among the world's most cited tenth for their field, type and year.

EDUCATION AND QUALIFICATIONS

Mphil/Measurement and Evaluation 2010–2013
Education and Psychology, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 33

1. Francis Ankomah, **Ruth Keziah Annan-Brew**, Kenneth Asamoah-Gyimah, Regina Mawusi Nugba, Eric Anane, George Oduro-Okyireh (2026). Dependability of preservice clinical teaching scores using Generalizability Theory. *Frontiers in Psychology*. https://doi.org/10.3389/fpsyg.2026.1728374
2. Justice Dadzie, **Ruth Keziah Annan-Brew**, Ivy Ama Kpodoe, Daniel Kweku Anhwere, Daniel Oyeniran, Elizebath Danso (2026). Educational Trends in Ghana: Analyzing Out-of-School Rates, Teacher Qualifications, and Completion Rates Across Levels. *The Clearing House A Journal of Educational Strategies Issues and Ideas*. https://doi.org/10.1080/00098655.2026.2635980
3. Nana Akosua Owusu-Ansah, Joyce Anku, **Ruth Keziah Annan-Brew**, Akwasi Addae Boahene (2025). Exploring the representation of social justice in the Ghanaian curriculum. *Journal of Education and Learning (EduLearn)*. https://doi.org/10.11591/edulearn.v20i1.23732
4. Justice Dadzie, **Ruth Keziah Anaan-Brew**, Elizabeth Danso (2025). Gamification in Ghanaian mathematics classrooms. *American Journal of STEM Education*. https://doi.org/10.32674/6b6sns36
5. Inuusah Mahama, Bakari Yusuf Dramanu, Adam Awini, **Ruth Keziah Annan-Brew**, Joseph Bentil (2025). Gender and Age as Determinants of Technological Efficacy of Teachers in Implementing the Standard-Based Curriculum in the Wa Municipality, Ghana. *Psychology*. https://doi.org/10.4236/psych.2025.1612086
6. Mark Owusu Amponsah, Kyei Anane Ampofo, **Ruth Keziah Annan-Brew**, Justice Dadzie (2024). Academic Resilience and Academic Engagement as Predictors of Academic Burnout among Postgraduate Students at the University of Cape Coast, Ghana. *International Journal of African Higher Education*. https://doi.org/10.6017/ijahe.v10i3.17959
7. Aliu Nandzo, Eric Anane, Andrews Cobbinah, **Ruth Keziah Annan-Brew** (2024). Adherence to Testing Principles: Exploring the Congruence between what Teachers Preach and Practice. *EAST AFRICAN*

JOURNAL OF EDUCATION AND SOCIAL SCIENCES. https://doi.org/10.46606/eajess2024v05i06.0409

8. Justice Dadzie, Stacy Hughey Surman, **Ruth Keziah Annan-Brew**, Ifesinachi Jude Ezugwu, Nicholas Amponsah, Evans Addison (2024). DOES ASSESSMENT QUALITY AND ASSESSMENT LITERACY INFLUENCE STUDENTS' ACADEMIC PERFORMANCE? *European Journal of Education Studies*. https://doi.org/10.46827/ejes.v11i4.5265
9. **Ruth Keziah Annan-Brew**, Ifesinachi Jude Ezugwu, Stacy Hughey Surman, Justice Dadzie (2024). Enhancing pre-service teacher effectiveness: Integration of 21st-century skills during off-campus teaching experiences. *European Journal of Education*. https://doi.org/10.1111/ejed.12737
10. **Ruth Keziah Annan-Brew** (2024). Exploring the Correlation between Students' Performance in Educational Statistics and Research Methods in Education: The Influence of Undergraduate Programs. *African Educational Research Journal*. https://eric.ed.gov/?id=EJ1456592
11. DAVID ARHIN, **Ruth Annan-Brew**, Jephtar Adu-Mensah, Adelaide Yeboah, Alexander Opoku (2024). Perceived Effect of COVID-19 on the Academic Performance and Satisfaction Level of Online Teaching of Sandwich Students. *International Journal of Positivity &amp Well-Being*. https://doi.org/10.61518/ijpw-26
12. David Arhin, Jephtar Adu-Mensah, Dickson Adom, **Ruth Annan-Brew** (2023). Academic Burnout, Self-Efficacy, and Emotional Stress Reaction of Learners: Conditional Process Analysis. *International Journal of Membrane Science and Technology*. https://doi.org/10.15379/ijmst.v10i1.2849
13. **Ruth Annan-Brew**, Jonathan Kwame Mensah, Edward Kofi Ntim, Justice Dadzie, Ivy Ama Kpodoe, Vida Adjeley Akai-Tetteh, Daniel Kweku Anhwere, Kyei Anane Ampofo (2023). Emotional Reactions and Burnout of Instructors Teaching Wards with Exceptional Needs in Inclusive Schools in Offinso Municipality: Moderating Roles of Coping Mechanisms. *Creative Education*. https://doi.org/10.4236/ce.2023.143034
14. David Arhin, **Ruth Annan-Brew**, Ruth Owusuaah (2023). Exploring the Quality of Multiple-Choice Question Type of Test Items in Information and Communication Technology Using Item Analysis. *E-Journal of Humanities Arts and Social Sciences*. https://doi.org/10.38159/ehass.2023414
15. William Ntiamoah Ntim, **Ruth Keziah Annan-Brew**, Kenneth Asamoah-Gyimah, Justice Owusu-Amoako, Ben Adzrolo, Emmanual Adobah (2023). Handling Formative Assessment for and as Learning: The Role of Classroom Teachers. *Psychology*. https://doi.org/10.4236/psych.2023.148069
16. **Ruth Keziah Annan-Brew** (2023). Handling formative assessment and learning: the role of classroom teachers. *Psychology*. https://www.scirp.net/pdf/psych_2023080715562007.pdf
17. Juliana Dontoh, **Ruth Keziah Annan-Brew**, Ivy Ama Kpodoe, Justice Dadzie (2023). Navigating Academic Integrity in the Digital Era: Challenges, Strategies, and Solutions. *Journal of Education and Practice*. https://doi.org/10.7176/jep/14-25-05
18. Peter Eshun, Kyeremeh Tawiah Dabone, **Ruth Keziah Annan-Brew**, Inuusah Mahama, Samuel Ofori Danquah (2023). Personality Traits and Levels of Self-Efficacy as Predictors of Academic Dishonesty among Higher Education Students in Ghana. *Psychology*. https://doi.org/10.4236/psych.2023.141002
19. **R Annan-Brew** (2023). Psychometric characteristics of test anxiety analysis tools. *International Journal of Research and Innovation in Social Science (IJRISS)*. https://scholar.google.com/scholar?cluster=9415631721230239826&hl=en&oi=scholarr
20. Justice Dadzie, **Ruth Annan-Brew** (2023). Strategies for curbing examination malpractices: Perspectives of teachers and students. *Global Journal of Social Sciences Studies*. https://doi.org/10.55284/gjss.v9i1.842
21. Prosper Kissi, David Baidoo-Anu, Eric Anane, **Ruth Keziah Annan-Brew** (2023). Teachers' test construction competencies in examination-oriented educational system: Exploring teachers' multiple-choice test construction competence. *Frontiers in Education*. https://doi.org/10.3389/feduc.2023.1154592
22. Isaac Amoako, Robert Kwadwo Siemoh, Vera Arhin, **Ruth Keziah Annan-Brew**, Adu Joseph, Kenneth Asamoah-Gyimah (2023). Trainee Teachers Attitudes toward Macro-Teaching: Resource Impact and Mentors Perspectives. *Education Quarterly Reviews*. https://doi.org/10.31014/aior.1993.06.03.781
23. Ben Adzrolo, **Ruth Annan-Brew**, Andrews Cobbinah, Kenneth Asamoah-Gyimah (2022). By-Products of Examination Malpractices on Senior High School Students in the Central Region of Ghana. *Journal of*

Advances in Education and Philosophy. https://doi.org/10.36348/jaep.2022.v06i01.001

24. Andrews Cobbinah, **Ruth Keziah Annan- Brew**, Frank Quansah (2022). Item Difficulty as a Source of Variability in Student Achievement in the West African Secondary School Certificate Examination (WASSCE): Application of Generalizability Theory. *Journal of Advances in Education and Philosophy*. https://doi.org/10.36348/jaep.2022.v06i03.001
25. **Dr. Ruth Annan-Brew**, David Arhin (2022). Perceived Challenges Faced By Student-Teachers (Prospective Teachers) From Universities and Colleges in Ghana during Off-Campus Teaching Practice. *Journal of Advances in Education and Philosophy*. https://doi.org/10.36348/jaep.2022.v06i09.008
26. **Ruth Keziah Annan-Brew**, DG Dampson, Y Dzakadzie (2022). Perceived Influence of Teaching and Learning Conditions on Academic Achievement. *International Journal of Innovative Science & Research Technology*. https://www.academia.edu/download/106502862/IJISRT22DEC646_201.pdf
27. Ben Adzrolo, Kenneth Asamoah-Gyimah, Andrews Cobbinah, **Ruth Annan-Brew** (2021). DISCIPLINE IN EDUCATION: CAUSES AND POSSIBLE STRATEGIES TO CURB EXAMINATION MALPRACTICES IN SENIOR HIGH SCHOOLS. *European Journal of Education Studies*. https://doi.org/10.46827/ejes.v8i11.3982
28. **Ruth Keziah Annan-Brew**, Philip Nartey (2021). Reconnaissance of the Function of Social Media on Study Habits Of Undergraduate Students in the University of Cape Coast. *International Journal of Scientific Research and Management (IJSRM)*. https://doi.org/10.18535/ijsrm/v9i6.el01
29. **RUTH ANNAN-BREW** (2021). SENSITIVITY OF DIFAS, jMetrik and STATA SOFTWARE IN DETERMINING GENDER DIF USING MH PROCEDURE. *International Journal of Research in Engineering Technology*.
30. **Ruth Annan-Brew** (2020). Differential item functioning of west African senior school certificate examination in core subjects in southern Ghana. *Unpublished Ph. D. Dissertation, Department of Education and Psychology, University of Cape Coast, Ghana*. https://ir.ucc.edu.gh/server/api/core/bitstreams/91e427f2-8171-4ca8-b5cc-1230aab549e1/content
31. **Ruth Annan Brew**, Andrews Cobbinah (2020). Gender-Related Differential Item Functioning of 2015 Wassce Core Mathematics Results in Southern Ghana Using Logistic Regression Procedure. *European Scientific Journal ESJ*. https://doi.org/10.19044/esj.2020.v16n16p188
32. **Ruth Annan-Brew** (2018). Critical thinking skills as predictors of senior high school students' achievement in mathematics in Cape Coast Metropolis. *Journal of Educational Development and Practice*.
33. **Ruth Annan-Brew** (2018). In Search of Understanding Gomoa-West District. *International Journal of Current Research Key Words*. https://scholar.google.com/scholar?cluster=7162048603490886646&hl=en&oi=scholarr

Conference papers 2

1. **RK Annan-Brew** (2026). BURNOUT AND PERFORMANCE: HOW ACADEMIC FACILITATORS SHAPE POSTGRADUATE SUCCESS. *EDULEARN26 Proceedings*. https://library.iated.org/view/ANNANBREW2026BUR
2. **RK Annan-Brew** (2026). DIGITAL NATIVES AT RISK: PREDICTORS OF CYBERCRIME VULNERABILITY AMONG HIGHER EDUCATION STUDENTS IN THE ERA OF EMERGING TECHNOLOGIES. *EDULEARN26 Proceedings*. https://library.iated.org/view/ANNANBREW2026DIG