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RESEARCH

Interests	Mathematics and Statistics
Areas	Education · Applied Mathematics · Economics and Econometrics · Experimental and Cognitive Psychology · Finance · Global and Planetary Change

RESEARCH SUMMARY

25	163	5	3	1.56	38%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 25 publications listed below, 1998–2026. 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. 3 of the 8 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 21

1. David Kwamena Mensah, **Emmanuel Kojo Amoah**, Nathaniel Howard (2026). Statistical Methods for Consolidated Fire Outbreak Data Extraction in Ghana. *Engineering Reports*. https://doi.org/10.1002/eng2.70895
2. Stephen Junior Appiah, **Emmanuel Kojo Amoah**, Emmanuel Antwi Adjei, Peter Akayuure (2025). Senior high school students thinking levels in permutation and combination using solo taxonomy. *Asian Journal of Contemporary Education*. https://doi.org/10.55493/5052.v9i2.5511
3. Richard Asumadu Oppong, Emmanuel Antwi Adjei, **Emmanuel Kojo Amoah**, Enock Okuleteh, Baba Larri (2024). Analyses of Pre-Service Teachers' Errors in Solving Algebraic Tasks in Ghana. *International Journal of Mathematics and Mathematics Education*. https://doi.org/10.56855/ijmme.v2i3.1134
4. **Emmanuel Amoah** (2024). GENDER AND OTHER SIGNIFICANT FACTORS CAUSING DISPARITIES IN SENIOR HIGH SCHOOL STUDENTS' MATHEMATICS PERFORMANCE. *Türk bilgisayar ve matematik eğitimi dergisi*. https://doi.org/10.61841/turcomat.v15i1.14020
5. **Amoah Emmanuel** (2024). Preferences of Women for Maternal Healthcare Services in the Upper East Region: A Stated Choice Experiment. *Journal of the Iranian Statistical Society*. https://jirss.irstat.ir/article_711320.html
6. Patrick Kyeremeh, Nixon Saba Adzifome, **Emmanuel Kojo Amoah** (2022). In-service mathematics teachers' knowledge of differentiated instruction. *JRAMathEdu (Journal of Research and Advances in Mathematics Education)*. https://doi.org/10.23917/jramathedu.v7i2.16863
7. **Emmanuel Kojo Amoah**, Patrick Kyeremeh, Dennis Osei Yeboah (2022). Students' and lecturers' perceptions about the effectiveness and challenges of online mathematics instruction during the Covid-19 partial lockdown. *African Journal of Educational Studies in Mathematics and Sciences*. https://doi.org/10.4314/ajesms.v17i1.10
8. Patrick Kyeremeh, **Emmanuel Kojo Amoah**, Rufai Sabtiwu (2021). Junior High School Mathematics Teachers' Practice of Differentiated Instruction and Associated Challenges in Tano South Distict. *Journal of Mathematics and Science Teacher*. https://doi.org/10.29333/mathsciteacher/10914
9. R Oduro, **Emmanuel Kojo Amoah** (2020). Gambler's risk of ruin and optimal bet. *Communications in*

Mathematical Finance. https://www.researchgate.net/profile/Richard-Oduro-2/publication/336982716_Gambler's_Risk_of_Ruin_and_Optimal_Bet/links/5dbd0fda4585151435dde604/Gamblers-Risk-of-Ruin-and-Optimal-Bet.pdf

10. **Emmanuel Kojo Amoah** (2020). Predictive Modeling of Association Football Scores Using Bivariate Poisson. *American Journal of Mathematics and Statistics*. https://www.academia.edu/download/88523977/10.5923.j.ajms.20201003.01.pdf
11. Michael Amoh Asiedu, Richard Oduro, **Emmanuel Kojo Amoah** (2019). DOES CAPITAL ASSET PRICING MODEL APPLY IN A VARYING MARKET CONDITIONS? *American Journal of Finance*. https://doi.org/10.47672/ajf.412
12. **Emmanuel Kojo Amoah** (2019). Perceived Risk Factors In Distance Education Delivery: The Case Of University Of Education, Winneba. *European Journal of Accounting, Auditing and Finance Research*.
13. **Emmanuel Kojo Amoah** (2019). Predictive Model for Fire Outbreaks: A Case Study in the Ashanti Region, Ghana. *American Journal of Mathematics and Statistics*. https://www.academia.edu/download/110702337/Predictive_model.pdf
14. **Emmanuel Amoah**, D Opoku (2019). The Determinant Of Monthly Effects On Fire Outbreaks In Ghana. *International Journal of Innovative Research and Advanced Studies (IJIRAS)*. http://www.ijiras.com/2019/Vol_6-Issue_6/paper_7.pdf
15. **Emmanuel Amoah**, E Nyarko (2015). FDI, inflation, exchange rate and growth in Ghana: Evidence from causality and co-integrated analysis. *European Scientific Journal*. https://scholar.google.com/scholar?cluster=13539765147482265089&hl=en&oi=scholarr
16. **EMMANUEL AMOAH** (2003). A lecture delivered by Mr. Emmanuel Amoah on 4th July, 2000 as part of the Festival on Culture and Development in Africa: The Case of Ghana, organised by Division of General …. *Readings in Arts, Culture, and Social Science Education*. https://scholar.google.com/scholar?cluster=12206366585911866888&hl=en&oi=scholarr
17. **EMMANUEL AMOAH** (2003). CHAPTER TWENTY-TWO. *Readings in Arts, Culture, and Social Science Education*. https://scholar.google.com/scholar?cluster=5778565365466182184&hl=en&oi=scholarr
18. **E Amoah** (2003). Traditional political system of Ghana: Yesterday, today and the future. *Readings in arts, culture and social science education. Black Mask Ltd., Accra*. https://scholar.google.com/scholar?cluster=12505266118644446673&hl=en&oi=scholarr
19. **Emmanuel Kojo Amoah** (2001). State of environmental health report of the Greater Accra Metropolitan Area. *Ghana Universities Press*. https://scholar.google.com/scholar?cluster=11090744943836931918&hl=en&oi=scholarr
20. **Emmanuel Kojo Amoah** (1999). Short stature and the age of enrolment in primary school: studies in two African countries. *Social Science and Medicine*. https://research.torrens.edu.au/en/publications/short-stature-and-the-age-of-enrolment-in-primary-school-studies-/
21. **Emmanuel Kojo Amoah** (1998). The health of school-age children: experience from school health programmes in Ghana and Tanzania. *Trans R Soc Trop Med Hyg*. https://scholar.google.com/scholar?cluster=6274597644985218026&hl=en&oi=scholarr

Reports 2

1. **Emmanuel Kojo Amoah** (2006). Environmental Health Watch and Disaster Monitoring in the Greater Accra Metropolitan Area (GAMA), Ghana. *University Press: University of Ghana*. https://scholar.google.com/scholar?cluster=17571590420209719547&hl=en&oi=scholarr
2. **Emmanuel Kojo Amoah** (2005). State of environmental health: Report of the Greater Accra metropolitan area 2001. *University of Ghana Press*. https://scholar.google.com/scholar?cluster=10944637207117159377&hl=en&oi=scholarr

Theses 2

1. **Emmanuel Amoah** (2019). Assessment of health and safety practices for air conditioning installation projects in Ghana; a case study of the Greater Accra region. *KNUST*. https://scholar.google.com/scholar?cluster=16183669981973664940&hl=en&oi=scholarr
2. **AMOAH Emmanuel** (2015). Modeling GDP Using Vector Autoregressive (VAR) Models: An Empirical Evidence from Ghana. *University of Ghana*. https://www.researchgate.net/profile/Emmanuel-Amoah-12/publication/366712786_MODELING_GDP_USING_VECTOR_AUTOREGRESSIVE_VAR_MODELS_AN_EMPIRICAL_EVIDENCE_FROM_GHANA/links/63afafd5c3c99660ebb8dd89/MODELING-GDP-USING-VECTOR-AUTOREGRESSIVE-VAR-MODELS-AN-EMPIRICAL-EVIDENCE-FROM-GHANA.pdf