Dr. Daniel Lawer Egbenya

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RESEARCH

Interests	Neuroscience · Neuropsychology · Global health · Physiology
Areas	Cellular and Molecular Neuroscience · Modeling and Simulation · Psychiatry and Mental health · Social Psychology · Developmental Neuroscience · Education

RESEARCH SUMMARY

27	562	11	12	3.67	6%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 27 publications listed below, 2016–2026. Field-weighted impact is the mean over the 18 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 18 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer
Anatomy and Cell Biology, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD
Neuroscience, University of Oslo, Oslo, Norway

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Head
Knowledge and Technology Transfer, Research and Grant Institute of Ghana, Accra, Ghana

PUBLICATIONS

Journal articles 26

1. Ernest Nyamekye, **Daniel Lawer Egbenya** (2026). Correction: Higher education students' perceptions of ChatGPT: A global study of early reactions. *Plos one*. https://doi.org/10.1371/journal.pone.0349691
2. Akwasi Appiah, Kwasi Agyen-Mensah, Akua Afriyie Karikari, **Daniel Lawer Egbenya** (2026). Lived experiences of young people with epilepsy in a resource-constraint setting: Contemporary findings from Cape Coast, Ghana. *Epilepsy & Behavior Reports*. https://doi.org/10.1016/j.ebr.2026.100879
3. Isaiah K. Arhin, Lord B. Amponsah, Benjamin Fenny, **Daniel L. Egbenya** (2026). Medication Adherence Among Patients With Type 2 Diabetes at the Upper West Regional Hospital, Ghana. *Health Science Reports*. https://doi.org/10.1002/hsr2.71848
4. Ravšelj, Dejan, Keržič, Damijana, Tomaževič, Nina, Umek, Lan, Brezovar, Nejc, Iahad, Noorminshah A., Abdulla, Ali Abdulla, Akopyan, Anait, Segura, Magdalena Waleska Aldana, AlHumaid, Jehan, … **Egbenya, Daniel Lawer** and 89 others (2025). A global study of early reactions. *Portuguese National Funding Agency for Science, Research and Technology (RCAAP Project by FCT)*.
5. Augustine Anane Oppong, Gordon Kyei, Isaiah Kofi Arhin, Abdala Mumuni Ussif, Francis Tanam Djankpa, **Daniel Lawer Egbenya** (2025). Compliance with standard precaution protocols among healthcare workers

at the Cape Coast Metropolitan Hospital, Ghana. *Environmental Disease*. https://doi.org/10.4103/ed.ed_6_25

6. **Daniel L. Egbenya**, Lord B. Amponsah, Ireneaus Nyame, El-Gibbor C. Rolinklaka, Rose Nanabin, Lovinger M. Nyave, Stephen B. G. Oppong, Jephthah K. N. Boadi, Dzifianu A. Edoh-Torgah, Isaac B. Mensah, Akua A. Karikari (2025). Exploring the Nexus Between Alcohol Consumption, Sleep Deprivation, and Memory Among Male Students at a Tertiary Institution in Ghana. *Brain and Behavior*. https://doi.org/10.1002/brb3.70744
7. Dejan Ravšelj, Damijana Keržič, Nina Tomaževič, Lan Umek, Nejc Brezovar, Noorminshah A. Iahad, Ali Abdulla Abdulla, Anait Akopyan, Magdalena Waleska Aldana Segura, Jehan AlHumaid, … **Daniel Lawer Egbenya** and 89 others (2025). Higher education students' perceptions of ChatGPT: A global study of early reactions. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0315011
8. Nana Ama Otua Otabil, Abdala Mumuni Ussif, Francis Tanam Djankpa, Kwasi Agyen-Mensah, **Daniel Lawer Egbenya** (2025). Prior Knowledge of Epilepsy Predicts Positive Attitudes and Practices Toward Persons Living With Epilepsy. *Brain and Behavior*. https://doi.org/10.1002/brb3.71161
9. Gordon Kyei, **Daniel Lawer Egbenya**, Ato Ampomah Brown, Eric Aidoo (2024). Anthropometric Study of Nasal Indices among the Akan People in the Assin Districts of Central Region, Ghana. *Journal of Anatomical Society of India*. https://doi.org/10.4103/jasi.jasi_50_23
10. **Daniel Lawer Egbenya**, RP Andoh (2024). Higher education students' early perceptions of ChatGPT: Global survey data. *Mendeley Data*. https://iris.univr.it/handle/11562/1134187
11. Håvard Ringsevjen, **Daniel Lawer Egbenya**, Malte Bieler, Svend Davanger, Suleman Hussain (2023). Activity-regulated cytoskeletal-associated protein (Arc) in presynaptic terminals and extracellular vesicles in hippocampal synapses. *Frontiers in Molecular Neuroscience*. https://doi.org/10.3389/fnmol.2023.1225533
12. Abdala M Ussif, **Daniel L Egbenya**, Joseph D Kusi, Emmanuel Nyarko, Philip Quartey, Isaac Boateng, Mark B Ulanja, Kwame O Affram, Korantema Mawuena Tsegah, Francis T Djankpa (2023). Assessing knowledge and awareness of COVID-19 among traders and sanitary workers in the Cape Coast Metropolis of Ghana. *Journal of Global Health Reports*. https://doi.org/10.29392/001c.77500
13. John Ekman, Philip Quartey, Abdala Mumuni Ussif, Niklas Ricklund, **Daniel Lawer Egbenya**, Gideon Akuamoah Wiafe, Korantema Mawuena Tsegah, Akua Karikari, Håkan Löfstedt, Francis Tanam Djankpa (2023). Dynamics of pre-shift and post-shift lung function parameters among wood workers in Ghana. *Annals of Occupational and Environmental Medicine*. https://doi.org/10.35371/aoem.2023.35.e39
14. **Daniel Lawer Egbenya**, Emmanuel Kwesi Quayson (2022). Attitude of junior high school students towards the study of science in Ghanaian schools: the case of first-year students in the Cape Coast metropolis. *International Journal of Science Education*. https://doi.org/10.1080/09500693.2022.2126954
15. **Daniel L. Egbenya**, Suleman Hussain, Yi-Chen Lai, Anne E. Anderson, Svend Davanger (2022). Synapse-specific changes in Arc and BDNF in rat hippocampus following chronic temporal lobe epilepsy. *Neuroscience Research*. https://doi.org/10.1016/j.neures.2022.12.006
16. **Daniel Lawer Egbenya**, Samuel Adjorlolo (2021). Advancement of neuroscience and the assessment of mental state at the time of offense. *Forensic Science International Mind and Law*. https://doi.org/10.1016/j.fsiml.2021.100046
17. Robert Peter Biney, Francis Tanam Djankpa, Silas Acheampong Osei, **Daniel Lawer Egbenya**, Benjamin Aboagye, Akua Afriyie Karikari, Abdala Ussif, Gideon Akuamoah Wiafe, David Nuertey (2021). Effects of in utero exposure to monosodium glutamate on locomotion, anxiety, depression, memory and KCC2 expression in offspring. *International Journal of Developmental Neuroscience*. https://doi.org/10.1002/jdn.10158
18. **Daniel Lawer Egbenya**, Eric Aidoo, Gordon Kyei (2021). Glutamate receptors in brain development. *Child s Nervous System*. https://doi.org/10.1007/s00381-021-05266-w
19. **Daniel Lawer Egbenya** (2021). Regions: Leveraging upon the Initial Success of Combating COVID-19 to. *Contemporary Developments and Perspectives in International Health Security: Volume 2*. https://books.google.com/books?hl=en&lr=&id=ebZaEAAAQBAJ&oi=fnd&pg=PA55&dq=info:kxCwdZwEaN8J:s

cholar.google.com&ots=UdfFWmjQf9&sig=0DY5ld2N4JJzAs6L1Je-8A3ZA1Q

20. Samuel Adjorlolo, **Daniel Lawer Egbenya** (2020). A twin disaster: Addressing the COVID-19 pandemic and a cerebrospinal meningitis outbreak simultaneously in a low-resource country. *Global Health Action*. https://doi.org/10.1080/16549716.2020.1795963
21. **Daniel L Egbenya** (2018). Changes in synaptic AMPA receptor concentration and composition in chronic temporal lobe epilepsy. *Molecular and Cellular Neuroscience*. https://www.sciencedirect.com/science/article/pii/S1044743118300836
22. **Daniel Lawer Egbenya** (2017). Cover Image, Volume 27, Issue 11. *Hippocampus*. https://openurl.ebsco.com/contentitem/gcd:125820906?sid=ebsco:plink:crawler-gcd&id=ebsco:gcd:125820906&crl=c&jrnl=10509631
23. **Daniel Lawer Egbenya** (2017). PICK1 facilitates lasting reduction in GluA2 concentration in the hippocampus during chronic epilepsy. *Epilepsy research*. https://www.sciencedirect.com/science/article/pii/S0920121117300256
24. **Daniel Lawer Egbenya** (2017). The calcium sensor synaptotagmin 1 is expressed and regulated in hippocampal postsynaptic spines. *Hippocampus*. https://doi.org/10.1002/hipo.22761
25. S Adjorlolo, **Daniel Lawer Egbenya** (2016). Executive functioning profiles of adult and juvenile male sexual offenders: A systematic review. *The Journal of Forensic Psychiatry & Psychology*. https://doi.org/10.1080/14789949.2016.1141431
26. **Daniel L Egbenya** (2016). SNARE protein syntaxin-1 colocalizes closely with NMDA receptor subunit NR2B in postsynaptic spines in the hippocampus. *Frontiers in Molecular Neuroscience*. https://doi.org/10.3389/fnmol.2016.00010

Book chapters 1

1. **Daniel Lawer Egbenya** (2021). Improving International Health Security in Resource-Scarce Regions: Leveraging upon the Initial Success of Combating COVID-19 to Fight Emerging Health Threats. *IntechOpen eBooks*. https://doi.org/10.5772/intechopen.96038