Emmanuel Kobia-Acquah

Department of Optometry and Visual Science
Kwame Nkrumah University of Science and Technology

ORCID 0000-0002-5955-7992 · Profile knust.peerford.com/staff/b686e33e-1b67-41a6-ac89-58ef9120c3fe

RESEARCH

Areas: Public Health, Environmental and Occupational Health · Ophthalmology · Radiology, Nuclear Medicine and Imaging · Epidemiology · Cognitive Neuroscience · Dermatology

RESEARCH SUMMARY

21	339	12	13	1.39	19%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 21 publications listed below, 2018–2024. Field-weighted impact is the mean over the 21 works scored for it; 1.00 is the world average for works of the same field, type and year. 4 of the 21 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 20

1. Chukwuemeka Junior Obinwanne, Sharon Barrah, **Emmanuel Kobia-Acquah**, Perfect Emefa Titiati, Lucy Akua Afriyie Karikari, Prince Akowuah (2024). Referral Pattern and Comanagement of Patients With Keratoconus in West Africa: A Survey-Based Study of Optometrists in Ghana and Nigeria. *Eye & Contact Lens Science & Clinical Practice*. https://doi.org/10.1097/icl.0000000000001139
2. Prince Kwaku Akowuah, Chukwuemeka Junior Obinwanne, Ebenezer Owusu, Sylvester Kyeremeh, Kwaku Bonsu, Lucy Akua Afriyie Karikari, Felicia Akyaa Akomeah, Ernest Kyei Nkansah, **Emmanuel Kobia-Acquah** (2023). Platelet-rich plasma for treating dry eye disease – A systematic review and meta-analysis. *Contact Lens and Anterior Eye*. https://doi.org/10.1016/j.clae.2023.102091
3. **Emmanuel Kobia-Acquah**, Esther Nutifafa Senanu, Ellen Konadu Antwi-Adjei, Dora Pomaa Appiah, David Ben Kumah, Mohammed Abdul-Kabir, Richard Donkor (2022). Prevalence of keratoconus in Ghana: A hospital-based study of tertiary eye care facilities. *European Journal of Ophthalmology*. https://doi.org/10.1177/11206721221113197
4. Prince Kwaku Akowuah, Samuel Adade, Andrews Nartey, Ebenezer Owusu, Richard Donkor, Stephen Ankamah-Lomotey, Asafo Agyei Frimpong, Joseph Adjei-Anang, **Emmanuel Kobia-Acquah** (2022). Strabismus and amblyopia in Africa – a systematic review and meta-analysis. *Strabismus*. https://doi.org/10.1080/09273972.2022.2157023
5. Ellen Konadu Antwi-Adjei, Emmanuel Owusu, **Emmanuel Kobia-Acquah**, Emmanuella Esi Dadzie, Emmanuel Anarfi, Seth Wanye (2021). Evaluation of postoperative refractive error correction after cataract surgery. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0252787
6. Kwadwo Owusu Akuffo, Akosua Kesewah Asare, Elsie Emelia Yelbert, **Emmanuel Kobia-Acquah**, Emmanuel Kofi Addo, Eldad Agyei-Manu, Thomas Brusah, Prince Antwi Asenso (2021). Job satisfaction and its associated factors among opticians in Ghana: a cross-sectional study. *Human Resources for Health*. https://doi.org/10.1186/s12960-021-00612-0
7. Prince Kwaku Akowuah, **Emmanuel Kobia-Acquah**, Richard Donkor, Joseph Adjei-Anang, Stephen Ankamah-Lomotey (2021). Keratoconus in Africa: A systematic review and meta-analysis. *Ophthalmic and Physiological Optics*. https://doi.org/10.1111/opo.12825
8. Prince Kwaku Akowuah, **Emmanuel Kobia-Acquah**, Richard Donkor, Christabel Arthur, Esther Nutifafa Senanu, Emmanuela Esi Dadzie, Asafo Agyei Frimpong, Fredrick Annan Otabil, Henry Mbilia, Ebenezer

Owusu, Joseph Adjei-Anang (2021). PREVALENCE OF MEIBOMIAN GLAND DYSFUNCTION IN AFRICA: A SYSTEMATIC REVIEW AND META-ANALYSIS OF OBSERVATIONAL STUDIES. *Ophthalmic Epidemiology*. https://doi.org/10.1080/09286586.2021.1958351

9. **Emmanuel Kobia-Acquah**, Stephen Ankamah-Lomotey, Ebenezer Owusu, Sedinam Forfoe, Joseph Bannor, Joana Abokoma Koomson, Martin Opoku, Daniel Mensah Dzikpo, Derrick Nii Okaikwei Mensah, Jedidiah N. Amonoo, Prince Kwaku Akowuah (2021). Prevalence and associated risk factors of symptomatic dry eye in Ghana: A cross-sectional population-based study. *Contact Lens and Anterior Eye*. https://doi.org/10.1016/j.clae.2020.12.067
10. Nana Yaa Koomson, **Emmanuel Kobia-Acquah**, Mohammed Abdul-Kabir, Usman Mutiat Aderonke, Randolph Jeffrey Kwaw, Elisha Eric Arkhurst (2021). Relationship between peripheral refraction, axial lengths and parental myopia of young adult myopes. *Journal of Optometry*. https://doi.org/10.1016/j.optom.2020.10.007
11. Susan Erickson, Amy Gallant Sullivan, Juan Carlos Abad, Monica Alves, Stefano Barabino, Jennifer P. Craig, Maroun Eid, Sarah Farrant, José A.P. Gomes, Leonard Heydenrych, … **Emmanuel Kobia-Acquah** and 15 others (2021). TFOS: Unique challenges and unmet needs for the management of ocular surface diseases throughout the world. *The Ocular Surface*. https://doi.org/10.1016/j.jtos.2021.08.014
12. **Emmanuel Kobia-Acquah**, Gloria Atta-Penkra Gyekye, Ellen K. Antwi-Adjei, Nana Y. Koomson, Francis Cobbina, Richard Donkor, Prince K. Akowuah (2020). Assessment of Ocular Surface Disease in Glaucoma Patients in Ghana. *Journal of Glaucoma*. https://doi.org/10.1097/ijg.0000000000001713
13. **Emmanuel Kobia-Acquah**, Prince Kwaku Akowuah, Emmanuel Anarfi, Ebenezer Owusu, Abena Kesewah Boaitey (2020). Assessment of post-operative visual acuity outcomes in patients with and without pre-operative biometry. *Investigative Ophthalmology & Visual Science*.
14. **Emmanuel Kobia-Acquah**, Ebenezer Owusu, Kwadwo Owusu Akuffo, Nana Yaa Koomson, Tchiakpe Michel Pascal (2020). Career aspirations and factors influencing career choices of optometry students in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0233862
15. Prince Kwaku Akowuah, **Emmanuel Kobia-Acquah** (2020). Childhood Obesity and Overweight in Ghana: A Systematic Review and Meta-Analysis. *Journal of Nutrition and Metabolism*. https://doi.org/10.1155/2020/1907416
16. Prince K. Akowuah, **Emmanuel Kobia-Acquah** (2020). Prevalence of Dry Eye Disease in Africa: A Systematic Review and Meta-analysis. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000001610
17. Angela Ofeibea Amedo, Nana Yaa Koomson, **Emmanuel Kobia Acquah**, Tchiakpe Michel Pascal, Johnson Atuahene, Prince Kwaku Akowuah, Philip Tetteh Djeagbo, Richard Baafi (2019). Comparison of the clinical estimation of cup-to-disk ratio by direct ophthalmoscopy and optical coherence tomography. *Therapeutic Advances in Ophthalmology*. https://doi.org/10.1177/2515841419827268
18. **Emmanuel Kobia-Acquah**, Prince Kwaku Akowuah, Ellen Konadu Antwi-Adjei, Philip Mensah Forkuo, Nana Yaa Koomson, Samuel Odoi Odotei, Emmanuel Alabi, Richard Donkor (2019). Contact lens complications among wearers in Ghana. *Contact Lens and Anterior Eye*. https://doi.org/10.1016/j.clae.2019.11.003
19. **Emmanuel Kobia-Acquah**, Gloria Gyekye Atta-Penkra, Ellen Konadu Antwi-Adjei, Samuel Odoi Odotei, Emmanuel Alabi, Prince Kwaku Akowuah (2019). Prevalence of dry eye disease among glaucoma patients in Ghana. *Investigative Ophthalmology & Visual Science*.
20. **Emmanuel Kobia-Acquah** (2018). Attitudes and Beliefs of Undergraduate Students to Spectacle Wear in Ghana. *Advances in Ophthalmology & Visual System*. https://doi.org/10.15406/aovs.2018.08.00264

Conference papers 1

1. Prince Ebenezer Adjei, Henry Nunoo-Mensah, **Emmanuel Kobia-Acquah**, Emmanuel Kofi Akowuah (2018). Optic cup and optic disc analysis for glaucoma screening using pulse-coupled neural networks and line profile analysis. https://doi.org/10.1109/mecbme.2018.8402434