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RESEARCH

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

RESEARCH SUMMARY

14	290	9	7	1.12	14%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 14 publications listed below, 2013–2026. Field-weighted impact is the mean over the 14 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 14 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 14

1. Mohammed Abdul-Kabir, Michael Kwesi Asante, Bright Boakye, Felix Kofi Awuriki, Prince Mintah, Abdul-Sadik Ahmed, **Nana Yaa Koomson**, Richchris Konadu Yiadom, Isabella Amoabeng Sam, Stephanie Adjei, Ernest Dartey Kumi (2026). Knowledge and Awareness of Age-Related Eye Conditions among Adults in Oforikrom Municipality, Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v44i1.4
2. Marfo Melvic Amponsah, Hagar Asantewaa Awuni, Sylvester Kyeremeh, **Nana Yaa Koomson** (2024). Association Between Myopia And The Abo/Rh Blood Groups Among College Of Science Students, KNUST. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v1i1.10s
3. **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
4. 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
5. 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
6. **Nana Yaa Koomson**, Hayford Adaboh, Ernest Kyei Nkansah, Joseph Kumi Amponsah, Daniel Larbi, Samuel Odoi Odotei (2019). Accessibility and Barriers to Uptake of Ophthalmic Services among Rural Communities in the Upper Denkyira West District, Ghana. *Journal of Ophthalmic Science*. https://doi.org/10.14302/issn.2470-0436.jos-19-2602
7. 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
8. 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

9. Eugene Appenteng Osae, Angela Ofeibea Amedo, Kwadwo Amoah, **Nana Yaa Koomson**, David Kumah (2016). Assessment of corneal astigmatism following frown and straight incision forms in sutureless manual small incision cataract surgery. *Clinical Optometry*. https://doi.org/10.2147/opto.s98920
10. Angela Ofeibea Amedo, Samuel Adade, **Nana Yaa Koomson**, Eugene Appenteng Osae (2016). INFLUENCE OF VISUAL IMPAIRMENT ON THE QUALITY OF LIFE: A SURVEY OF PATIENTS REPORTING AT THE LOW VISION CENTRE OF THE EASTERN REGIONAL HOSPITAL OF GHANA. *Journal of Ophthalmic Science*. https://doi.org/10.14302/issn.2470-0436.jos-16-940
11. **Nana Yaa Koomson**, Angela Ofeibea Amedo, Collins Opoku-Baah, Percy Boateng Ampeh, Emmanuel Ankamah, Kwaku Bonsu (2016). Relationship between Reduced Accommodative Lag and Myopia Progression. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000000867
12. M Abdul-Kabir, DB Kumah, **NY Koomson**, C Afari (2015). Prevalence of accommodative insufficiency and accommodative infacility among junior high school students in a Ghanaian town. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v34i2.7
13. **NY Koomson**, SY Lartey, KK Adjah (2013). Prevalence of Myopia amongst patients with refractive error in the Kumasi Metropolis of Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v33i2.7
14. Ben D. Kumah, Anne Ebri, Mohammed Abdul-Kabir, Abdul-Sadik Ahmed, **Nana Ya Koomson**, Samual Aikins, Amos Aikins, Angela Amedo, Seth Lartey, Kovin Naidoo (2013). Refractive Error and Visual Impairment in Private School Children in Ghana. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000000099