Ilechie Alex Azuka

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RESEARCH

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

RESEARCH SUMMARY

26	343	13	16	0.89	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 26 publications listed below, 2011–2024. Field-weighted impact is the mean over the 26 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 26 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 26

1. SAMUEL BERT BOADI-KUSI OD, Dominic Kwarteng, Michael Ntodie, Patience Ayerakwah, Samuel Bert Boadi-Kusi, Khathutshelo Percy Mashige, **Alex Ilechie** (2024). Early assessment of vision-related quality of life predicts long-term spectacle-wear compliance. *Discover Public Health*. https://doi.org/10.1186/s12982-024-00307-6
2. **Alex Ilechie**, Naa Adjeley Addo, Elsie Aidoo, Anthony Armah, Fateena Faheem, Bismark A.A. Achimah (2024). Physical properties of soft contact lens multipurpose solutions commercially available in Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2024.e32491
3. **Alex Ilechie**, Thomas Mensah, Carl Halladay Abraham, Naa Adjeley Addo, Michael Ntodie, Stephen Ocansey, Samuel Bert Boadi-Kusi, Andrew Owusu-Ansah, Ngozi Ezinne (2022). Assessment of four validated questionnaires for screening of dry eye disease in an African cohort. *PubMed*. https://doi.org/10.1016/j.clae.2021.101468
4. Ngozika Esther Ezinne, Kingsley Kene Ekemiri, Gabrielle Nora Harbajan, Anesha Cameisha Crooks, Danquah Douglas, **Alex Azuka Ilechie**, Khathutshelo Percy Mashige (2022). Contact Lens Prescribing Patterns in a University Clinic in Trinidad and Tobago. *Vision*. https://doi.org/10.3390/vision6030055
5. Ngozika E. Ezinne, Dipesh Bhattarai, Kingsley K. Ekemiri, Gabrielle N. Harbajan, Anesha C. Crooks, Khathutshelo P. Mashige, **Alex A. Ilechie**, Ferial M. Zeried, Uchechukwu L. Osuagwu (2022). Demographic profiles of contact lens wearers and their association with lens wear characteristics in Trinidad and Tobago: A retrospective study. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0264659
6. **Alex Azuka Ilechie**, Naa Adjeley Addo, Carl Halladay Abraham, Andrew Owusu-Ansah, Alex Annan-Prah (2021). Accuracy of Noncycloplegic Refraction for Detecting Refractive Errors in School-aged African Children. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000001742
7. **Alex Azuka Ilechie**, Douglas Danquah, Michael Ntodie, Ebenezer Andoh, Naa Adjeley Addo, Daniel Odoi, Felix Otabil, Frank Assiamah (2021). Contact Lens– and Patient-related Factors Associated with Contact Lens Discomfort among Contact Lens Wearers in an African Cohort. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000001765
8. Stephen Ocansey, Emmanuel K. Abu, Carl Halladay Abraham, Andrews Owusu-Ansah, Caleb Acheampong, Frederick Mensah, Charles Darko-Takyi, **Alex Ilechie** (2021). Socio-demographic factors modify awareness, knowledge, and perceived risk of glaucoma in rural and urban residents in Ghana: a

population-based survey. *Therapeutic Advances in Ophthalmology*. https://doi.org/10.1177/2515841421998099

9. **Alex Ilechie**, Seth Wanye, Carl H Abraham, Josiah B Sarpong, Emmanuel Abu, Samuel Abokyi, Enyam Morny, Bismark Mensah, Maclean O Amoako, Simon Fosu-gyeabour (2020). Inter-regional trends in causes of childhood blindness and low vision in Ghana. *Clinical and Experimental Optometry*. https://doi.org/10.1111/cxo.13041
10. SAMUEL BERT BOADI-KUSI OD, Emmanuel Kwasi Abu, Andrew Owusu-Ansah, Shadrack Mensah, John Oduro-Boateng, Rene Abalo Kojo, Samuel Kyei, Samuel Bert Boadi-Kusi, Obed Amoah-Smith, Enyam Komla Amewuho Morny, Charles Darko-Takyi, Carl Halladay Abraham, Benjamin Appiah Nyamekye, **Alex Azuka Ilechie** (2020). Normative Values of Retinal Nerve Fibre Layer Thickness and Optic Nerve Head Parameters and Their Association with Visual Function in an African Population. *Journal of Ophthalmology*. https://doi.org/10.1155/2020/7150673
11. SAMUEL BERT BOADI-KUSI OD, Emmanuel Kwasi Abu, Carl Halladay Abraham, Andrew Owusu-Ansah, Samuel Bert Boadi-Kusi, **Alex Azuka Ilechie**, Desmond Omane Acheampong (2020). Ocular Symptoms of SARS-CoV-2: Indication of Possible Ocular Transmission or Viral Shedding. *Ocular Immunology and Inflammation*. https://doi.org/10.1080/09273948.2020.1799035
12. **Alex A. Ilechie**, Mohammed M. Jeduah, Carl H. Abraham, Stephen Ocansey, Emmanuel Abu, Theophilus Okyere, Obarijima Ngosaro (2020). Oral consumption ofGarcinia kola(Bitter kola) lowers intraocular pressure. *Acta Ophthalmologica*. https://doi.org/10.1111/aos.14440
13. Ngozika E. Ezinne, Khathutshelo P. Mashige, Obinna F. Akano, **Alex A. Ilechie**, Kingsley K. Ekemiri (2020). Spectacle utilisation rate and reasons for non-compliance with wearing of spectacles amongst primary school children in Onitsha, Anambra state, Nigeria. *African vision and eye health*. https://doi.org/10.4102/aveh.v79i1.544
14. **Alex Azuka Ilechie**, Samuel Abokyi, Samuel Boadi-Kusi, Eugene Enimah, Ezinne Ngozi (2019). Self-adjustable Spectacle Wearing Compliance and Associated Factors among Rural School Children in Ghana. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000001382
15. Samuel Abokyi, George Manuh, Heinz Otchere, **Alex Ilechie** (2017). Knowledge, usage and barriers associated with contact lens wear in Ghana. *Contact Lens and Anterior Eye*. https://doi.org/10.1016/j.clae.2017.05.006
16. Samuel Abokyi, **Alex Ilechie**, Gifty Boateng, GeorgeAsumeng Koffuor (2016). Effect of preserved and preservative-free timolol eye drops on tear film stability in healthy Africans. *Nigerian Medical Journal*. https://doi.org/10.4103/0300-1652.182071
17. Emmanuel Kwasi Abu, Johnson Nyarko Boampong, Joseph Kwame Amoabeng, **Alex A. Ilechie**, Samuel Kyei, Andrew Owusu-Ansah, Samuel Bert Boadi-Kusi, Benjamin Amoani, Irene Ayi (2016). Epidemiology of Ocular Toxoplasmosis in Three Community Surveys in the Central Region of Ghana, West Africa. *Ophthalmic Epidemiology*. https://doi.org/10.3109/09286586.2015.1089579
18. Verner N. Orish, **Alex Ilechie**, Theophilus Combey, Onyekachi S. Onyeabor, Chuku Okorie, Adekunle O. Sanyaolu (2016). Evaluation of Blood Transfusions in Anemic Children in Effia Nkwanta Regional Hospital, Sekondi-Takoradi, Ghana. *American Journal of Tropical Medicine and Hygiene*. https://doi.org/10.4269/ajtmh.15-0310
19. SAMUEL BERT BOADI-KUSI OD, Rekha Hansraj, Khathutshelo Percy Mashige, Alfred Osafo-Kwaako, **Alex Azuka Ilechie**, Samuel Abokyi (2016). Prevalence and Causes of Visual Impairment and Blindness among Cocoa Farmers in Ghana. *Ophthalmic Epidemiology*. https://doi.org/10.1080/09286586.2016.1254805
20. Samuel B Boadi-Kusi, Rekha Hansraj, Khathutshelo P Mashige, **Alex Azuka Ilechie** (2015). Factors associated with protective eyewear use among cocoa farmers in Ghana. *Injury Prevention*. https://doi.org/10.1136/injuryprev-2014-041531
21. Samuel Abokyi, **Alex Ilechie**, Kwansema Adadzewa Asaam, Michael Ntodie (2015). Fasting Plasma Sugar: A Predictor of Accommodative Function in Diabetes. *Current Eye Research*. https://doi.org/10.3109/02713683.2015.1056803

22. **Alex Azuka Ilechie**, Samuel Abokyi, Andrew Owusu-Ansah, Samuel Bert Boadi-Kusi, Andrew Kofi Denkyira, Carl Halladay Abraham (2015). Self-refraction Accuracy with Adjustable Spectacles among Children in Ghana. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000000561

23. Samuel Abokyi, **Alex Ilechie**, Peter Nsiah, Charles Darko-Takyi, Emmanuel Kwasi Abu, Yaw Jnr Osei-Akoto, Mathurin Youfegan-Baanam (2015). Visual impairment attributable to uncorrected refractive error and other causes in the Ghanaian youth: The University of Cape Coast Survey. *Journal of Optometry*. https://doi.org/10.1016/j.optom.2015.04.002

24. **A.A. Ilechie**, V.A. Essuman, S. Enyionam (2013). Prevalence of congenital eye anomalies in a paediatric clinic in Ghana. *Eastern Mediterranean Health Journal*. https://doi.org/10.26719/2013.19.supp3.s76

25. **Alex Ilechie**, Kwapong, Kyei, Mate-Kole, Darko-Takyi (2012). The efficacy of stingless bee honey for the treatment of bacteria-induced conjunctivitis in guinea pigs. *Journal of Experimental Pharmacology*. https://doi.org/10.2147/jep.s28415

26. **Alex Ilechie**, Tetteh (2011). Acute effects of consumption of energy drinks on intraocular pressure and blood pressure. *Clinical Optometry*. https://doi.org/10.2147/opto.s16229