Sylvester Kyeremeh

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RESEARCH

Interests	Visual impairment and rehabilitation · Myopia · Contact lens · Eye health services · Clinical optometry
Areas	Epidemiology · Radiology, Nuclear Medicine and Imaging · Ophthalmology · Cognitive Neuroscience · Occupational Therapy · Automotive Engineering

RESEARCH SUMMARY

26	75	5	3	1.18	13%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 26 publications listed below, 1–2026. Field-weighted impact is the mean over the 16 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 16 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer
Optometry and Visual Science, KNUST, Kumasi, Ghana

Optometrist
The Lens Eye and Optical Center, Kumasi, Ghana

Part-time lecturer
Optometry and Vision Science, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Optometrist
Eye, St. Martin's Catholic Hospital, Agroyesum, Kumasi, Ghana

Yeboah Christian Optical Center LTD
Berekum, Ghana

EDUCATION AND QUALIFICATIONS

PhD Student
Optometry, University of KwaZulu-Natal, Durban, South Africa

Master of Optometry
Discipline of optometry, UKZN, Durban, South Africa

Doctor of Optometry
Optometry and Vision Science, KNUST, Kumasi, Ghana

PUBLICATIONS

Journal articles 24

1. Nana Akwasi Owusu Mensah, Josephine Ampomah Boateng, Isaiah Osei Duah Junior, Albert Kwadjo Amoah Andoh, Godsway Commanda Osei, **Sylvester Kyeremeh**, Sylvia Agyekum, Gabriel Kwaku Agbeshie, Werner Eisenbarth, Kwadwo Owusu Akuffo (2026). Childhood visual impairment and health-related quality of life in Ghana: evidence from a cross-sectional study. *Health and Quality of Life Outcomes*. https://doi.org/10.1186/s12955-026-02565-1
2. Kwadwo Owusu Akuffo, Sylvia Agyekum, **Sylvester Kyeremeh**, Albert Kwadjo Amoah Andoh, Isaiah Osei Duah Junior, Josephine Ampomah Boateng, Nana Akwasi Owusu Mensah, Eldrick Adu Acquah, David Owiredu, Samson Darrah, Debora Abena Baidoo, Werner Eisenbarth (2026). Effectiveness of low vision rehabilitation on visual function and quality of life in Sub-Saharan Africa: a systematic review. *Frontiers in Rehabilitation Sciences*. https://doi.org/10.3389/fresc.2026.1878737
3. Kwadwo Owusu Akuffo, **Sylvester Kyeremeh**, Sylvia Agyekum, Isaiah Osei Duah Junior, Josephine Ampong, Mallissa Okine, Albert Kwadjo Amoah Andoh, Gabriel Kwaku Agbeshie, Josephine Ampomah Boateng, Nana Akwasi Owusu Mensah, Werner Eisenbarth (2026). Low vision services in sub-Saharan Africa: a systematic review. *Frontiers in Health Services*. https://doi.org/10.3389/frhs.2026.1839924
4. **Sylvester Kyeremeh**, Khathutshelo Percy Mashige, Kovin Shunmugan Naidoo (2026). Myopia awareness and preferences for myopia information: Perception of basic school children in the Kumasi Metropolis and Bekwai Municipality, Ghana. *Journal of Interventional Epidemiology and Public Health*. https://doi.org/10.37432/jieph-d-25-00162
5. **S Kyeremeh** (2026). Prevalence Of Aniseikonia Among Students Wearers of Corrective Spectacles And Pseudophakes in The Kumasi Metropolis: Aniseikonia among selected spectacles wearers. *Journal of Science and Technology*. https://www.ajol.info/index.php/just/article/view/320318/314624
6. Mohammed ABDUL-KABIR, **S Kyeremeh**, DB Kumah (2026). Prevalence and associated risk factors of symptomatic dry eye in a Ghanaian student population. *Investigative Ophthalmology & Visual Science*. https://iovs.arvojournals.org/article.aspx?articleid=2817684
7. Josephine Ampomah Boateng, Werner Eisenbarth, **Sylvester Kyeremeh**, Albert Kwadjo Amoah Andoh, Isaiah Osei Duah Junior, Debora Abena Baidoo, Sylvia Agyekum, Daniel Boateng, Emmanuel Antwi, Kwadwo Owusu Akuffo (2026). Prevalence of visual impairment and associated risk factors: a cross-sectional community-based study among children and adolescents in Ghana. *Frontiers in Ophthalmology*. https://doi.org/10.3389/fopht.2026.1829462
8. **Sylvester Kyeremeh**, Khathutshelo Percy Mashige, Kovin Shunmugam Naidoo, Kingsley Emwinyore Agho (2026). Systematic review and meta-analysis of refractive errors in Ghana with emphasis on myopia. *BMC Ophthalmology*. https://doi.org/10.1186/s12886-026-05179-9
9. **Sylvester Kyeremeh**, NAO Mensah (2026). Visual Impairment and Pediatric Quality of life in the Ashanti Region of Ghana. *Investigative Ophthalmology & Visual Science*. https://iovs.arvojournals.org/article.aspx?articleid=2817299
10. Sylvia Agyekum, **S Kyeremeh** (2026). Visual impairment among children living in the Ashanti Region of Ghana. *Investigative Ophthalmology & Visual Science*. https://iovs.arvojournals.org/article.aspx?articleid=2816066
11. Uchechukwu Levi Osuagwu, Tuwani Rasengane, Godwin O Ovenseri-Ogbomo, Naomi Nsubuga, Pirindhavellie Govender, Thokozile I Metsing, **Sylvester Kyeremeh**, Khathutshelo Percy Mashige, DIakité Daoudu, Bernadine Ekpenyong and 12 others (2025). Mapping the landscape of optometric education in Sub-Saharan Africa. *Clinical and Experimental Optometry*. https://doi.org/10.1080/08164622.2024.2446473
12. **Sylvester Kyeremeh**, Percy K. Mashige, Kovin S. Naidoo (2025). Myopia awareness and knowledge among parents in Kumasi Metropolis and Bekwai Municipality. *Journal of Public Health in Africa*. https://doi.org/10.4102/jphia.v16i1.1522

13. Ngozika N. Ezinne, Samuel Kyei, Chukwuemeka Junior Obinwanne, Tuwani A. Rasengane, Khathutshelo Percy Mashige, Kingsley E. Agho, Randy Asiamah, Bernadine N. Ekpenyong, Stephen Ocansey, Antor O. Ndep, **Sylvester Kyeremeh**, Godwin Ovenseri-Ogbomo, Edgar Ekure, Kelechi C. Ogbuehi, Kovin Shunmugan Naidoo, Nalova Westbrook, Haile Waretow, Kofi Asiedu, Uchechukwu L. Osuagwu (2025). Normative corneal biometric parameters in African populations: A systematic review and meta-analysis. *Contact Lens and Anterior Eye*. https://doi.org/10.1016/j.clae.2025.102412

14. Kwadwo Owusu Akuffo, **S Kyeremeh**, S Agyekum (2025). Visual impairment in disability schools in the Ashanti region of Ghana. *Investigative Ophthalmology & Visual Science*. https://iovs.arvojournals.org/article.aspx?articleid=2808796

15. 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

16. KO Akuffo, **S Kyeremeh** (2024). Challenges to use of low vision assistive devices among patients with residual vision. *Investigative Ophthalmology & Visual Science*. https://iovs.arvojournals.org/article.aspx?articleid=2799362

17. Abdul-Sadik Ahmed, Abdul-Kabir Mohammed, Winifred Yeboah, Shiella Emefa Kokui Amedoe, Emmanuel Addo, **Sylvester Kyeremeh** (2024). Dry Eye and Sleep Disorders among Optometry Students in KNUST Amidst On-Line Teaching and Learning: A Cross- Sectional Study. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v42i3.2

18. Kwadwo Owusu Akuffo, **S Kyeremeh** (2024). Systematic Approach to Low Vision: a Novel Protocol to Optimize Low Vision Care in West Africa. *Investigative Ophthalmology & Visual Science*. https://iovs.arvojournals.org/article.aspx?articleid=2799060

19. Uchechukwu L. Osuagwu, Stephen Ocansey, Antor O. Ndep, **Sylvester Kyeremeh**, Godwin Ovenseri-Ogbomo, Bernadine N. Ekpenyong, Kingsley E. Agho, Edgar Ekure, Khathutshelo Percy Mashige, Kelechi C. Ogbuehi, Tuwani Rasengane, Nana Darkoah Nkansah, Kovin Shunmugan Naidoo (2023). Demographic factors associated with myopia knowledge, attitude and preventive practices among adults in Ghana: a population-based cross-sectional survey. *BMC Public Health*. https://doi.org/10.1186/s12889-023-16587-7

20. 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

21. Stephen Ocansey, Edgar Ekure, Uchechukwu L. Osuagwu, Bernadine N. Ekpenyong, Godwin Ovenseri-Ogbomo, **Sylvester Kyeremeh**, Kelechi C. Ogbuehi, Kingsley E. Agho, Khathutshelo P. Mashige, Antor O. Ndep, Kovin S. Naidoo (2023). Profiling and factors associated with glaucoma diagnostic practice in sub-Saharan Africa-a cross sectional study of Nigerian and Ghanaian optometrists. *BMC Ophthalmology*. https://doi.org/10.1186/s12886-023-03083-0

22. Bhavana Singh, LNE Aduku, DB Kumah, **S Kyeremeh** (2022). Macular pigment optical density in the Bosomtwi District, Ghana. *Investigative Ophthalmology & Visual Science*. https://iovs.arvojournals.org/article.aspx?articleid=2781350

23. **Sylvester Kyeremeh**, Khathutshelo P Mashige (2021). Availability of low vision services and barriers to their provision and uptake in Ghana: practitioners' perspectives. *African Health Sciences*. https://doi.org/10.4314/ahs.v21i2.51

24. David Kumah, AK Mohammed, **S Kyeremeh** (2017). Eye Conditions among Fire Officers in the Brong Ahafo Region, Ghana. *International Journal of open Access Ophthalmology*. https://doi.org/10.15226/2474-9249/2/1/00118

Reports 1

1. **S Kyeremeh** (1). Systematic review and meta-analysis of refractive errors in Ghana with emphasis on. *1. Discipline of Optometry*. https://doi.org/10.1186/s12886-026-05179-9_reference

Theses 1

1. **Sylvester Kyeremeh** (2018). The availability and accessibility of low vision services in Ashanti and Brong Ahafo regions of Ghana. *University of KwaZulu-Natal, Westville*. https://scholar.google.com/scholar?cluster=9331898374184605355&hl=en&oi=scholarr