

Samuel Kyei

Professor · Optometry
University of Cape Coast

ORCID [0000-0003-2568-8246](https://orcid.org/0000-0003-2568-8246) · Google Scholar scholar.google.com/citations?user=UB1ZAx8AAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/b12b7ec6-74a6-48f6-960f-1ec5fa036b91

PROFILE

Dr. Samuel Kyei is a Professor at the School of Optometry and Vision Sciences, University of Cape Coast, Ghana where he has been teaching and engaged in clinical training of Optometry students for the past 14 years.

Apart from clinical supervision and teaching, he is committed to clinical and experimental optometry and vision science research. His research focuses on ocular therapeutics and pharmacology with specific interest in understanding the impact of orthodox and unorthodox ophthalmic formulations in the management of glaucoma, cataract and allergies in animal models. He has expertise in ocular drug discovery techniques in assessing the utility of unorthodox or indigenous medicine in the management of glaucoma, cataract and ocular allergies. As the PI or co-PI on several departmental-projects, he laid the groundwork for the previous researches by developing effective measures of animal and human studies relevant to drug discovery, safety assessment, monitoring and evaluation in eye care. He has made laudable progress and obtained promising findings from his previous basic sciences studies.

He was the 2018 Roche Collaborative Research Award winner of the Association for Research in Vision and Ophthalmology (ARVO) where he collaborated with Dr Lyne Racette of Department of Ophthalmology and Visual Sciences, University of Alabama at Birmingham, Alabama, USA on the project entitled " Assessing adherence to glaucoma treatment in Ghana."

He have also served in other capacities as the Departmental Examination and Registration officer, School Registration Officer, and a member on committees and boards. He served as the Examinations and Registration Officer for the School Allied Health Sciences at the University and he currently head of Department of imaging Technology and Sonography, School of Allied Health Sciences, University of Cape Coast.

RESEARCH

Interests Optometry · Ocular Pharmacology · Vision Science · Ocular Health · IPC in Eye Care
Areas Ophthalmology · Epidemiology · Public Health, Environmental and Occupational Health ·
Radiology, Nuclear Medicine and Imaging · Molecular Biology · Physiology

RESEARCH SUMMARY

168	1,754	21	59	1.19	11%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 168 publications listed below, 2012–2026. Field-weighted impact is the mean over the 141 works scored for it; 1.00 is the world average for works of the same field, type and year. 16 of the 141 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer	2011–present
Optometry, University of Cape Coast, Cape Coast, Ghana	

EDUCATION AND QUALIFICATIONS

Ph.D.	2013–2016
Optometry, University of KwaZulu-Natal, Durban, South Africa	

PUBLICATIONS

Journal articles 164

1. Michael A. Kwarteng, Samuel Kyei, Jehu Azure, Randy Asiamah (2026). Agreement and diagnostic accuracy of noncycloplegic retinoscopy, subjective and autorefraction in a young adult Ghanaian population. *Ghana Medical Journal*. <https://doi.org/10.4314/gmj.v60i1.5>
2. Nyaradzo Ellen Masango, Ernest Amponsah Asiamah, Orleans Martey, Justice Kwaku Addo, Samuel Kyei, Alex Boye (2026). Aqueous Extract of *Opuntia ficus-indica* (L. Mill) Cladodes Demonstrates Antidiabetic Effect in Normoglycemic and STZ-Induced Diabetic Rats. *BioMed Research International*. <https://doi.org/10.1155/bmri/5516794>
3. Paul Owusu, Pious Tawiah Amoako, Randy Asiamah, Gideon Owusu, Joseph Mannyeya Sa-Ambo, Patrick Evans Agyiri, Samuel Bert Boadi-Kusi, Samuel Kyei (2026). Bibliometric mapping of the contribution of African optometry researchers to ophthalmic literature. *Clinical and Experimental Optometry*. <https://doi.org/10.1080/08164622.2025.2601299>
4. Samuel Bert Boadi-Kusi, Selina Holdbrook, Enyam Komla Morny, Randy Asiamah, Samuel Kyei, Emmanuella Konama Boahen, Rita Yelimaa Benyem (2026). Contrast sensitivity and stereoacuity predict road traffic accidents among drivers in Ghana: a case-control study. *BMC Public Health*. <https://doi.org/10.1186/s12889-026-28786-z>
5. Carl Halladay Abraham, Emmanuel Kwasi Abu, Paul Owusu, Thomas Osei Mensah, Ebenezer Botchway, Philip Abakah Mensah, Albert Kofi Dadzie, Samuel Kyei (2026). Disease-specific data augmentation enhances deep learning classification of age-related macular degeneration, diabetic retinopathy, and glaucoma. *Digital Health*. <https://doi.org/10.1177/20552076261461391>
6. Pious Tawiah Amoako, Samuel Kyei, Charles Darko-Takyi, Emmanuel Kwasi Abu (2026). Epidemiology of non-strabismic binocular vision anomalies in Africa: a systematic review and meta-analysis. *Clinical and Experimental Optometry*. <https://doi.org/10.1080/08164622.2026.2722996>
7. Samuel Kyei, Randy Asiamah, Pious Tawiah Amoako, Michael Agyemang Kwarteng, Selina Holdbrook (2026). Epidemiology of visual impairment and blindness in Africa: a systematic review and Bayesian meta-analysis. *The Lancet Regional Health - Africa*. <https://doi.org/10.1016/j.lanafr.2026.100065>
8. Muhi-deen Wonwana Mohammed, Yussif Owusu Aboagye, Akwasi Anyanful, Samuel Kyei, Kwame Kumi Asare (2026). Evidence Gaps and Global Patterns in Leishmaniasis Control: A Scoping Review of Clinical, Diagnostic, and Treatment Strategies. *Journal of Parasitology Research*. <https://doi.org/10.1155/japr/8882865>
9. Samuel Kyei, Derrick Ansah Ofosu, Paul Owusu, Randy Asiamah (2026). Eyelash Extension Wear Potentiates Clinical Signs of Ocular Surface Diseases Among Young Women. *Cornea*. <https://doi.org/10.1097/ico.0000000000004105>
10. Samuel Kyei (2026). Gaps in Glaucoma Diagnosis and Management in Low-Resource Settings: Evidence, Challenges, and Practical Solutions for West Africa. *Integrated Health Research Journal*. <https://doi.org/10.47963/ihrj.v3i1.2079>
11. Nyaradzo Ellen Masango, Justice Kwaku Addo, Timothy Makwo, Evans Akimat, Morgan Otundo Wasilwa, Alkhair Adam Khalil Mohamed, Samuel Kyei (2026). In Silico screening and molecular dynamics simulations predict flinderole a as a putative binder of the dengue virus NS3 helicase RNA-binding cavity. *In Silico Research in Biomedicine*. <https://doi.org/10.1016/j.insr.2026.100342>
12. Frank Adusei-Mensah, Charity Owusu, Albert Ofori, Samuel Kyei, Carl Halladay Abraham, Sunday Olaleye, Samson Oluwafemi Balogun, Richard Osei Agjei, David K. Essumang (2026). Knowledge, Attitudes, Practice and the Prevalence of Eye Conditions Among Commercial Fish Smokers in Abuesi, Ghana: A Cross-Sectional Study. *Health Science Reports*. <https://doi.org/10.1002/hsr2.72493>
13. Michael Agyemang Kwarteng, Hailey George, Amelia Lalmansingh, Selassie Tagoh, Samuel Kyei (2026). Ocular response to energy drink consumption: A pre-post analysis of visual fatigue in young adults in Trinidad and Tobago. *Indian Journal of Clinical and Experimental Ophthalmology*. <https://doi.org/10.18231/j.ijceo.12630.1768640462>

14. Randy Asiamah, Pious Tawiah Amoako, Michael Agyemang Kwarteng, Selina Holdbrook, **Samuel Kyei** (2026). Prevalence and Causes of Visual Impairment and Blindness in Ghana: A Systematic Review and Meta-Analysis. *Ophthalmic Epidemiology*. <https://doi.org/10.1080/09286586.2026.2627990>
15. Bright V. Okyere, Minette Devenier, Tuwani Rasengane, **Samuel Kyei**, Benedict Ayobi (2026). Prevalence and associated factors of visual impairment in two rural communities in Ghana. *African vision and eye health*. <https://doi.org/10.4102/aveh.v85i1.1081>
16. **Samuel Kyei**, Randy Asiamah, Gideon Owusu, Emmanuel Ekow Ampiah (2026). Symptoms of Depression and Anxiety among Myopes: A Systematic Review and Meta-Analysis. *British and Irish Orthoptic Journal*. <https://doi.org/10.22599/bioj.500>
17. Grace Ogonna, Elizabeth Phiri, Ngozika Esther Ezinne, Rosemary Ehigbor, Miriam Chikohza, George Moyo, **Samuel Kyei**, Michael Agyemang Kwarteng (2026). The prevalence of dry eye disease among patients with diabetes in Malawi: A hospital based study. *International Journal of Diabetes in Developing Countries*. <https://doi.org/10.1007/s13410-026-01622-1>
18. Randy Asiamah, **Samuel Kyei**, Paul Owusu, Keren Koomson, Prince Arthur (2025). Association between gene polymorphisms and glaucoma susceptibility among Africans: a systematic review and meta-analysis. *Ophthalmic Genetics*. <https://doi.org/10.1080/13816810.2024.2447501>
19. Michael Agyemang Kwarteng, Mitchel Goto, **Samuel Kyei**, Ngozika Esther Ezinne, Selassie Tagoh, Eugene Buah Enimah (2025). Awareness and Knowledge of Ocular Allergy among Undergraduate Students in Public Universities in Zimbabwe: An online survey. *African Journal of Health Sciences*. <https://doi.org/10.4314/ajhs.v37i4.12>
20. **Samuel Kyei** (2025). Epidemiology of Uncorrected Refractive Error and Vision Impairment Among Pupils in Bindura, Zimbabwe: A Cross-sectional Study. *Nigerian Health Journal*. <https://pure.hud.ac.uk/en/publications/epidemiology-of-uncorrected-refractive-error-and-vision-impairmen/>
21. Randy Asiamah, Gideon Owusu, Pious Tawiah Amoako, Richmond Amponsah, Emmanuel Adator, **Samuel Kyei** (2025). Epidemiology of ophthalmia neonatorum: a systematic review and meta-analysis. *BMC Pediatrics*. <https://doi.org/10.1186/s12887-024-05382-x>
22. Samuel Ankamah, Pious Tawiah Amoako, Joseph Mannyeya Sa-Ambo, Kelvin Osei-Bonsu, Leticia Homatekpor, Enyam Komla Amewuho Morny, **Samuel Kyei** (2025). Exploring the Landscape: A Comprehensive Bibliometric Analysis of Ophthalmology and Optometry Research Fields in Africa. *Journal of Current Ophthalmology*. https://doi.org/10.4103/joco.joco_114_24
23. Randy Asiamah, Enyonam Ampo, Emmanuel Ekow Ampiah, Mark Ofori Nketia, **Samuel Kyei** (2025). Impact of smoking on ocular health: A systematic review and meta-meta-analysis. *European Journal of Ophthalmology*. <https://doi.org/10.1177/11206721251334705>
24. Pious T. Amoako, **Samuel Kyei**, Paul Owusu, Joseph M. Sa-Ambo, Gideon Owusu, Randy Asiamah, Patrick Evans Agyiri, Samuel Ankamah, Khathutshelo P. Mashige (2025). Leading optometry research institutions and countries in Africa: Lessons for building synergy and resilient education. *African vision and eye health*. <https://doi.org/10.4102/aveh.v84i1.1068>
25. **Samuel Kyei**, Randy Asiamah, Sandra Owusu, Nyaradzo Ellen Masango (2025). Microbial Contamination of Eye Drops: A Systematic Review and Meta-analysis. *Journal of Patient Safety*. <https://doi.org/10.1097/pts.0000000000001334>
26. 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 Oveneri-Ogbomo, Edgar Ekure, Kelechi C. Ogbuehi, Kavin 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>
27. Randy Asiamah, **Samuel Kyei**, Gideon Owusu, Patrick Evans Agyiri (2025). Prevalence of glaucoma in Africa: A systematic review and Bayesian meta-analysis. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0330567>
28. **Samuel Kyei**, Paul Owusu, Joseph Mannyeya Sa-Ambo, Gideon Owusu, Randy Asiamah, Rita Yelimaa

Benyem, Pious Tawiah Amoako, Raphael Osei Owusu, Samuel Ankamah, Samuel Bert Boadi-Kusi (2025). Ranking of top 50 optometry academics in African universities by research impact. *Clinical and Experimental Optometry*. <https://doi.org/10.1080/08164622.2025.2540350>

29. Samuel Kyei, Moses Obah, Randy Asiamah, Michael Agyemang Kwarteng, Rexford Gyaami (2025). Spectacle wear compliance and quality of life among youthful myopes in the Cape Coast metropolis, Ghana: a prospective cohort study. *Discover Public Health*. <https://doi.org/10.1186/s12982-025-00481-1>
30. Charity Owusu, Albert Ofori, Frank Adusei-Mensah, Carl Halladay Abraham, Samuel Kyei, Reginald Quansah, David Kofi Essumang (2025). The Association Between Occupational Smoke Exposures and the Prevalence of Eye and Respiratory Health Conditions Among Commercial Fish Smokers in Abuesi, Ghana: A Cross-Sectional Self-Reported Study. *Environmental Health Insights*. <https://doi.org/10.1177/11786302251317056>
31. Michael Kwarteng, Tinotenda Marowa, Samuel Kyei, Ngozika Esther Ezinne, Selassie Tagoh, Eugene Buah Enimah (2024). Awareness of ocular hazards among welders in Bindura, Zimbabwe. *Journal of Public Health and Development*. <https://doi.org/10.55131/jphd/2024/220318>
32. Kwame Gyimah Owusu, Randy Asiamah, Kwame Kumi Asare, Emmanuel Birikorang, Samuel Kyei (2024). Care practices of contact lens solutions and microbial contamination among wearers in Ghana. *Contact Lens and Anterior Eye*. <https://doi.org/10.1016/j.clae.2024.102252>
33. Samuel Kyei, Regina Adoma Antwi, Madison Adanusa, Michael Agyemang Kwarteng, Randy Asiamah, Ebenezer Afrifa-Yamoah (2024). Cataract blindness related falls among older adults: A prospective cohort study in Ghana. *Eye & ENT Research*. <https://doi.org/10.1002/eer3.23>
34. Kwame Kumi Asare, Daniel Edem Azumah, Czarina Owusua Adu-Gyamfi, Yeboah Kwaku Opoku, Edward Morkporkpor Adela, Philip Afful, Godwin Kwami Abotsi, Ernest Awuakye Abban, Paul Ekow Duntu, Akwasi Anyamful, Alberta Bedford Moses, Emmanuel Botchway, Philimon Mwintige, Samuel Kyei, Linda Eva Amoah, Emmanuel Owusu Ekuman (2024). Comparison of microscopic and xpert MTB diagnoses of presumptive mycobacteria tuberculosis infection: retrospective analysis of routine diagnosis at Cape Coast Teaching Hospital. *BMC Infectious Diseases*. <https://doi.org/10.1186/s12879-024-09566-9>
35. Michael A. Kwarteng, Khathutshelo P. Mashige, Samuel Kyei, Pirindhavellie Govender-Poonsamy, Daniel S.Q. Dogbe (2024). Compliance with spectacle wear among learners with hearing impairment in Ghana. *African Journal of Disability*. <https://doi.org/10.4102/ajod.v13i0.1314>
36. Samuel Kyei, Godwin Avornyo, Randy Asiamah, Samuel B. Boadi-Kusi, Michael Agyemang Kwarteng (2024). Dynamics of Myopia Progression in Ghana—Evidence From Clinical Practice: A Retrospective Cohort Study. *Health Science Reports*. <https://doi.org/10.1002/hsr2.70273>
37. Samuel Kyei, George Panyin Annan, Kwame Kumi Asare, Emmanuel Birikorang, Akwasi Anyanful, Randy Asiamah (2024). Efficacy of common decontamination techniques used in eye care facilities in Ghana. *AJO International*. <https://doi.org/10.1016/j.ajoint.2024.100024>
38. Samuel Kyei, Rexford Kwasi Gyaami, John Baptist Abowine, Ebenezer Zaabaar, Augustine Nti, Kofi Asiedu, Samuel Bert Boadi-Kusi, Bismark Owusu-Afriyie, Frank Assiamah, Anthony Armah (2024). Epidemiology and demographic risk factors for myopia in Ghana: a 5-year retrospective study. *Discover Social Science and Health*. <https://doi.org/10.1007/s44155-024-00081-5>
39. Vimbainashe Evidence Kahoto, Michael Agyemang Kwarteng, Bismark Owusu-Afriyie, Ebenezer Zaabaar, Samuel Kyei (2024). Epidemiology and trends in the uptake of refractive error services in Harare, Zimbabwe: a hospital-based retrospective study. *Malawi Medical Journal*. <https://doi.org/10.4314/mmj.v35i4.3>
40. Michael A. Kwarteng, Khathutshelo P. Mashige, Samuel Kyei, Pirindhavellie Govender-Poonsamy, Daniel S.Q. Dogbe (2024). Impact of spectacle wear on the quality of life of learners with hearing impairment in Ghana. *African vision and eye health*. <https://doi.org/10.4102/aveh.v83i1.875>
41. Ebenezer Zaabaar, Randy Asiamah, Samuel Kyei, Samuel Ankamah (2024). Myopia control strategies: A systematic review and meta-meta-analysis. *Ophthalmic and Physiological Optics*. <https://doi.org/10.1111/opo.13417>
42. Vanessa Ama Asifuaba Koomson, Claudio Ngoni Mtuwa, Samuel Kyei, Michael Agyemang Kwarteng

(2024). Preschool Vision Screening and Policy: Availability, Awareness and Perceptions of Stakeholders in Selected Locations in Harare and Mashonaland East Provinces. *Child Care Health and Development*. <https://doi.org/10.1111/cch.70024>

43. Samuel Kyei, Mary Nkansah, Kofi Asiedu, Randy Asiamah, Ebenezer Zaabaar, Ebenezer Afrifa-Yamoah (2024). Prevalence and risk factors of Vernal Keratoconjunctivitis among a Ghanaian clinical cohort: A case-control study. *Health Science Reports*. <https://doi.org/10.1002/hsr2.1957>
44. Samuel Kyei, Rexford Kwasi Gyaami, John Baptist Abowine, Ebenezer Zaabaar, Kofi Asiedu, Samuel Bert Boadi-Kusi, Jacob Mensah Mesuh, Frank Assiamah, Anthony Armah, Patience Ansomah Ayerakwah (2024). Risk of major myopia-associated non-communicable ocular health disorders in Ghana. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0297052>
45. Godwin Kwami Abotsi, Czarina Owusua Adu-Gyamfi, Samuel Kyei, Kwame Kumi Asare (2024). Schistosomiasis–Microbiota Interactions. *Pathogens*. <https://bonndoc.ulb.uni-bonn.de/xmlui/handle/20.500.11811/13333>
46. Philip Afful, Godwin Kwami Abotsi, Czarina Owusua Adu-Gyamfi, George Benyem, Gnatoulma Katawa, Samuel Kyei, Kathrin Arndts, Manuel Ritter, Kwame Kumi Asare (2024). Schistosomiasis–Microbiota Interactions: A Systematic Review and Meta-Analysis. *Pathogens*. <https://doi.org/10.3390/pathogens13100906>
47. Michael Agyemang Kwarteng, Khathutshelo Percy Mashige, Samuel Kyei, Daniel Sunkwa Quarcoo Dogbe, Pirindhavellie Govender-Poonsamy, Collins Asomani, Dominic Kwarteng, Gershon Hayford-Mbrah, Mercy Oforiwa Berchie, Maame Kyerewaa Darko Kwarteng (2024). Visual Impairment and Refractive Error Among Deaf and Hard of Hearing Learners in Ghana. *Journal of Visual Impairment & Blindness*. <https://doi.org/10.1177/0145482x241287544>
48. Samuel Kyei, Eric Kwao, Percy Khathutshelo Mashige, Sampson Listowell Abu, Lyne Racette (2023). Adherence to Ocular Hypotensive Medication in Patients With Primary Open Angle Glaucoma in Ghana. *Journal of Glaucoma*. <https://doi.org/10.1097/ijg.0000000000002227>
49. Adwoa Frema Amanfo, Samuel Kyei, Yaw Duah Boakye, Clement Osei Akoto, Justice Kwaku Addo, Kofi Oduro Yeboah, Newman Osafo (2023). Anticataract Effect of the Aqueous Extract of the Flowers of *Aspilia africana* in Murine Model of Diabetic and Age-Related Cataracts. *Advances in Pharmacological and Pharmaceutical Sciences*. <https://doi.org/10.1155/2023/7867497>
50. Samuel Kyei, Samuel Bert Boadi-Kusi, Mary Nana Effriam-Menyah, Paulina Duah (2023). Effect of the Clinical Usage of Tetracaine Hydrochloride Ophthalmic Solution on Multiple Antibiotic Resistant *Staphylococcus Aureus*. *Integrated Health Research Journal*. <https://doi.org/10.47963/ihrij.v1i1.1173>
51. Samuel Kyei, Frederick Afum Asare, John Kwesi Assan, Ebenezer Zaabaar, Frank Assiamah, Eric Obour Obeng, Kofi Asiedu (2023). Efficacy of intravitreal bevacizumab on diabetic macular oedema in an African population. *Irish Journal of Medical Science (1971 -)*. <https://doi.org/10.1007/s11845-023-03348-z>
52. Ikechukwu Jacob Okoro, Parker Elijah Joshua, Samuel Kyei, Innocent Uzochukwu Okagu, Christian Chijioke Amah, Vitus Ikenna Nnamani, Victor Nwadiogbu Ogugua (2023). Ocular hypotensive effect of fermented *Pentaclethra macrophylla* seeds in experimentally-induced glaucoma. *All Life*. <https://doi.org/10.1080/26895293.2023.2200578>
53. Samuel Kyei, Michael Agyemang Kwarteng, Frederick Afum Asare, Moses Jemitara, Claudio Ngoni Mtuwa (2023). Ocular trauma among patients attending a tertiary teaching hospital in Zimbabwe. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0292392>
54. Daniel Anokwah, Evelyn Asante-Kwatia, Yakubu Jibira, Isaac Kingsley Amponsah, Samuel Kyei, Grace Pinkrah Cobbold, Benjamin Adzekey, Ernest Obese, Elvis Ofori Ameyaw, Robert Peter Biney, Abraham Yeboah Mensah (2023). Pharmacognostic study, anti-inflammatory and, antioxidant activities of *Loeseneriella africana*. *South African Journal of Botany*. <https://doi.org/10.1016/j.sajb.2023.03.027>
55. Sandra Owusu, Ebenezer Zaabaar, Michael Kwarteng, Samuel Ankamah, John Baptist Abowine, Samuel Kyei (2023). Scheimpflug-Derived Keratometric, Pachymetric and Pachymetric Progression Indices in the Diagnosis of Keratoconus: A Systematic Review and Meta-Analysis. *Clinical ophthalmology*. <https://doi.org/10.2147/ophth.s436492>

56. Adwoa Frema Amanfo, Samuel Kyei, Yaw Duah Boakye, Clement Osei Akoto, Justice Kwaku Addo, Kofi Oduro Yeboah, Newman Osafo (2023). The Aqueous Stem Bark Extract of *Alstonia boonei* Exhibits Anticataract Activity in Sprague Dawley Rat. *Scientifica*. <https://doi.org/10.1155/2023/5524137>
57. Samuel Kyei, John Baptist Vianney Abowine, Ebenezer Zaabaar, Samuel Bert Boadi-Kusi, Frank Assiamah, Mohammed Abdul-Kabir, Kofi Asiedu (2022). Age- and sex-related differences in the measures of anterior segment parameters in a myopic clinical sample using Pentacam Scheimpflug tomography. *International Ophthalmology*. <https://doi.org/10.1007/s10792-021-02192-3>
58. Michael Agyemang Kwarteng, Chido Cleopatra Katsvanga, Samuel Kyei (2022). Childhood vision impairment and refractive error in Zimbabwe: A hospital-based retrospective study. *Ethiopian Journal of Health Sciences*. <https://doi.org/10.4314/ejhs.v32i4.8>
59. Samuel Kyei, Ebenezer Zaabaar, Samuel Bert Boadi-Kusi, John Baptist Vianney Abowine, Maame Ama Amamoah Parkson Brew, Frank Assiamah, Kofi Asiedu (2022). Comparison of anterior segment parameters in myopia with and without primary open-angle glaucoma. *International Ophthalmology*. <https://doi.org/10.1007/s10792-022-02627-5>
60. S Kyei, M Adanusa, Richard Kobina Dadzie Ephraim (2022). Correction: Dry eye, its clinical subtypes and associated factors in healthy pregnancy: A cross-sectional study. *Plos one*. <https://doi.org/10.1371/journal.pone.0263426>
61. Emmanuel K Abu, Amanfo O Ofori, Samuel B Boadi-Kusi, Stephen Ocansey, Richard K Yankah, Samuel Kyei, Asante Y Awuku (2022). Dry eye disease and meibomian gland dysfunction among a clinical sample of type 2 diabetes patients in Ghana. *African Health Sciences*. <https://doi.org/10.4314/ahs.v22i1.36>
62. Du-Bois Asante, Korantema M. Tsegah, Ebenezer Afrifa-Yamoah, Samuel Kyei, Dunyah J. Dzidzor, Reindolf Anokye (2022). Facial dermatosis papulosa nigra, a risk for the development of pterygium and myopia: a descriptive cross-sectional study in Ghana. *Journal of Public Health in Africa*. <https://doi.org/10.4081/jphia.2022.1757>
63. Kofi Asiedu, Selassie Dzasimatu, Samuel Kyei (2022). Impact of meibomian gland dysfunction on quality of life and mental health in a clinical sample in Ghana: a cross-sectional study. *BMJ Open*. <https://doi.org/10.1136/bmjopen-2022-061758>
64. Michael Agyemang Kwarteng, Khathutshelo Percy Mashige, Samuel Kyei, Daniel Sunkwa Quarcoo Dogbe, Pirindhavellie Govender-Poonsamy (2022). Prevalence and causes of visual impairment amongst hearing impaired school-going children in sub-Saharan Africa: a scoping review. *African Health Sciences*. <https://doi.org/10.4314/ahs.v22i4.24>
65. Madison Adanusa, Seth Kofi Pobee, Ebenezer Zaabaar, Vukey Mawuko, Kofi Asiedu, Solomon Kweku Amuzu, Wendy Adubofour, Celestine Bazayeya, Ethel Enam Yawo Senaya, Desiree Citsofe Ofori, Samuel Kyei (2022). Prevalence and risk factors for Falls among older adults in a primary care facility in Ghana. *Malawi Medical Journal*. <https://doi.org/10.4314/mmj.v34i4.1>
66. Stuart Keel, Gareth Lingham, Neha Misra, Sandra Block, Rupert Bourne, Margarita Calonge, Ching-Yu Cheng, David S. Friedman, João M. Furtado, Rohit Khanna, ... Samuel Kyei and 89 others (2022). Toward Universal Eye Health Coverage—Key Outcomes of the World Health Organization Package of Eye Care Interventions. *JAMA Ophthalmology*. <https://doi.org/10.1001/jamaophthalmol.2022.4716>
67. Augustine N. Nti, Bismark Owusu-Afriyie, Uchechukwu Levi Osuagwu, Samuel Kyei, Godwin Ovenseri-Ogbomo, Kelechi C. Ogbuehi, Mhamed Ouzzani, Kingsley E. Agho, Khathutshelo Percy Mashige, Edgar Ekure, Bernadine N. Ekpennyong, Stephen Ocansey, Antor O. Ndep, Chukwuemeka Junior Obinwanne, David A. Berntsen, James S. Wolffsohn, Kovin S. Naidoo (2022). Trends in myopia management attitudes and strategies in clinical practice: Survey of eye care practitioners in Africa. *Contact Lens and Anterior Eye*. <https://doi.org/10.1016/j.clae.2022.101597>
68. S Kyei (2022). Visual functioning among learners with hearing impairment in schools for the deaf in Ghana. *Proceedings of the 1st DBI Africa conference on deafblindness 12th–14th May*. https://www.researchgate.net/profile/Michael-Kwarteng-2/publication/363095316_Visual_functioning_among_learners_with_hearing_impairment_in_schools_for_the_deaf_in_Ghana/links/664f48ff0b0d284574532e88/Visual-functioning-among-learners-with-hearing-impairment-in-schools-for-the-deaf-in-Ghana.pdf

69. SAMUEL BERT BOADI-KUSI OD, Samuel Kyei, Selina Holdbrook, Emmanuel Kwasi Abu, Jonathan Ntow, Abena Mantebea Ateko (2021). A study of Ophthalmia Neonatorum in the Central Reion of Ghana: Causative Agents and Antibiotic Susceptibility Patterns. *Global Pediatric Health*. <https://doi.org/10.1177/2333794x211019700>
70. Samuel Kyei, Nana Yaw Abaka Dadzie, Ebenezer Zaabaar, Kwasi Antwi Asamoah Dwomoh, Kofi Asiedu (2021). Age and Sex Variation in the Duration of Action and Corneal Touch Threshold (CTT) following Instillation of 0.5% Topical Ophthalmic Proparacaine and Tetracaine Hydrochlorides. *Journal of Ophthalmology*. <https://doi.org/10.1155/2021/8661098>
71. SAMUEL BERT BOADI-KUSI OD, Samuel Kyei, Stephen Ocansey, Michael Ntodie, Dziffa-Bella Ofori-Agyei, Khathutshelo Percy Mashige (2021). Assessment of infection prevention and control measures adopted by eye care practitioners in Ghana and South Africa against COVID-19. *Scientific African*. <https://doi.org/10.1016/j.sciaf.2021.e00766>
72. Samuel Kyei, Bismark Owusu-Afriyie, Selassie Tagoh, Michael Agyemang Kwarteng, Peter Nsiah, Solomon Guramatunhu (2021). Clinical and sociodemographic characteristics of glaucoma patients at a tertiary referral facility in Zimbabwe. *PubMed*. <https://doi.org/10.4314/mmj.v33i1.3>
73. Samuel Kyei, Ebenezer Zaabaar, Frank Assiamah, Michael Agyemang Kwarteng, Kofi Asiedu (2021). Comparison of the Outcomes of Manual Small Incision Cataract Surgery (MSICS) and Phacoemulsification (PHACO) in Ghana. *Annals of African Surgery*. <https://doi.org/10.4314/aas.v18i3.4>
74. Kofi Asiedu, Samuel Kyei, Madison Adanusa, Richard Kobina Dadzie Ephraim, Stephen Animful, Stephen Karim Ali-Baya, Belinda Akorsah, Mabel Antwiwaa Sekyere (2021). Dry eye, its clinical subtypes and associated factors in healthy pregnancy: A cross-sectional study. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0258233>
75. Samuel Kyei, Patience Asantewaa Obeng, Michael Agyemang Kwarteng, Frank Assiamah (2021). Epidemiology and clinical presentation of glaucoma in a referral facility in Ghana: Any lessons for public health intervention? *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0245486>
76. SAMUEL BERT BOADI-KUSI OD, Selina Holdbrook, Samuel Kyei, Emmanuel Kwasi Abu (2021). Knowledge, Attitudes and Practices of Postnatal Mothers on Ophthalmia Neonatorum in the Central Region, Ghana. *Health Services Insights*. <https://doi.org/10.1177/11786329211033248>
77. Samuel Kyei, Kofi Asiedu, Richard K.D. Ephraim, Stephen Animful, Madison Adanusa, Stephen Karim Ali-Baya, Belinda Akorsah, Mabel Antwiwaa Sekyere (2021). Meibomian Gland Dysfunction and Lipid Profile: A Study Among Pregnant Women. *Eye & Contact Lens Science & Clinical Practice*. <https://doi.org/10.1097/icl.0000000000000815>
78. Samuel Kyei, Eric Kwao, Sampson Listowell Abu, Percy K. Mashige, Lyne Racette (2021). Objectively-measured adherence to hypotensive ocular medication in patients with glaucoma in Ghana. *Investigative Ophthalmology & Visual Science*.
79. Kyei Samuel, Tagoh Selassie, Kwarteng Michael, Aboagye Evans (2021). Ophthalmic Anthropometry among Rural Dwellers in Mashonaland Central Province, Zimbabwe. *Rwanda Journal of Medicine and Health Sciences*. <https://doi.org/10.4314/rjmhs.v4i1.8>
80. Samuel Kyei, Kofi Asiedu, Richard K. D. Ephraim, Madison Adanusa (2021). Posterior Blepharitis and Associated Potential Factors: A Study among Pregnant Women. *Ocular Immunology and Inflammation*. <https://doi.org/10.1080/09273948.2021.1896007>
81. Ebenezer Zaabaar, Samuel Kyei, Maame Ama Amamoah Parkson Brew, Samuel Bert Boadi-Kusi, Frank Assiamah, Kofi Asiedu (2021). The utility of measures of anterior segment parameters of a Pentacam Scheimpflug tomographer in discriminating high myopic astigmatism from keratoconus. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0260648>
82. Samuel Kyei, Bio Kwadwo Amponsah, Kofi Asiedu, Yaw Osei Akoto (2021). Visual function, spectacle independence, and patients' satisfaction after cataract surgery- a study in the Central Region of Ghana. *African Health Sciences*. <https://doi.org/10.4314/ahs.v21i1.55>
83. Samuel Kyei, Cynthia Pakyennu Gboglu, Michael Agyemang Kwarteng, Frank Assiamah (2020). Comparative assessment of the goldmann applanation and noncontact tonometers in intraocular pressure

measurements in a sample of glaucoma patients in the Cape Coast Metropolis, Ghana. *Nigerian Medical Journal*. https://doi.org/10.4103/nmj.nmj_177_20

84. Samuel Kyei, Richard K. Dadzie Ephraim, Stephen Animful, Madison Adanusa, Stephen Karim Ali-Baya, Belinda Akorsah, Mabel Antwiwaa Sekyere, Kofi Asiedu (2020). Impact of Serum Prolactin and Testosterone Levels on the Clinical Parameters of Dry Eye in Pregnant Women. *Journal of Ophthalmology*. <https://doi.org/10.1155/2020/1491602>
85. Peter Osei-Wusu Adueming, Moses Jojo Eghan, Benjamin Anderson, Samuel Kyei, Jerry Opoku-Ansah, Charles Lloyd Yeboah Amuah, Charles Darko Takyi, Paul Kingsley Buah-Bassuah (2020). Laser-induced autofluorescence assisted by multivariate techniques discriminates a cataractous lens from healthy lens tissues of Sprague–Dawley rats. *Journal of the Optical Society of America A*. <https://doi.org/10.1364/josaa.394555>
86. 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>
87. Samuel Kyei (2020). Ocular biometry in an adult Ghanaian population. *Kerala Journal of Ophthalmology*. https://journals.lww.com/kjop/fulltext/2020/32030/Ocular_biometry_in_an_adult_Ghanaian_population.7.aspx
88. Samuel Kyei, Justice Aberor, Frank Assiamah, Michael Agyemang Kwarteng (2020). Optical coherence tomography indices in the diagnosis and discrimination of stages of primary open-angle glaucoma in an African population. *International Ophthalmology*. <https://doi.org/10.1007/s10792-020-01652-6>
89. Selassie Tagoh, Samuel Kyei, Michael Agyemang Kwarteng, Evans Aboagye (2020). Prevalence of Refractive Error and Visual Impairment among Rural Dwellers in Mashonaland Central Province, Zimbabwe. *Journal of Current Ophthalmology*. https://doi.org/10.4103/joco.joco_224_20
90. Samuel Kyei, Frank Assiamah, Michael Agyemang Kwarteng, Cynthia Pakyennu Gboglu (2020). The Association of Central Corneal Thickness and Intraocular Pressure Measures by Non-Contact Tonometry and Goldmann Applanation Tonometry among Glaucoma Patients. *Ethiopian Journal of Health Sciences*. <https://doi.org/10.4314/ejhs.v30i6.18>
91. Samuel Kyei, Eric Dogbadze, Selassie Tagoh, Estele Mwanza (2020). Unorthodox ophthalmic preparations on the Ghanaian market: a potential risk for ocular and enteric infections. *African Health Sciences*. <https://doi.org/10.4314/ahs.v20i1.58>
92. Enyam Komla Amewuho Morny, Samuel Bert Boadi-Kusi, Stephen Ocansey, Samuel Kyei, Kwame Yeboah, Maureen Adanna Mmaduagwu (2019). Assessing the Progress towards Achieving “VISION 2020: The Right to Sight” Initiative in Ghana. *Journal of Environmental and Public Health*. <https://doi.org/10.1155/2019/3813298>
93. Samuel Kyei, Michael Quayson-Dadzie, Peter Nsiah (2019). Care and maintenance of ocular diagnostic drugs in eye care facilities in 'Ghana'. *Journal of Patient Safety & Infection Control*. https://doi.org/10.4103/jpsic.jpsic_27_19
94. Samuel Kyei, Raphael Mensah, Godwin Kwakye-Nuako, Emmanuel Kwasi Abu (2019). Microbial Contamination of Topical Therapeutic Ophthalmic Medications in Cape Coast Metropolis, Ghana. *Nigerian Journal of Ophthalmology*. https://doi.org/10.4103/njo.njo_38_18
95. Samuel Kyei, Eric Appiah, Eunice Ampadubea Ayerakwa, Clara Bemmah Antwi, Kofi Asiedu (2019). Microbial safety implications of in-use topical diagnostic ophthalmic medications in eye clinics in Ghana. *Journal of Optometry*. <https://doi.org/10.1016/j.optom.2019.02.002>
96. S Kyei, P Adu (2019). Safety Concerns of Glaucoma Chemotherapy among G6PD Deficient Glaucoma Patients: A Pilot Study. *J. Hematol. Blood Disord*. <https://ir.ucc.edu.gh/server/api/core/bitstreams/a5210acb-e6ad-4eba-82cc-89ba8a6e4b2c/content>
97. Samuel Bert Boadi-Kusi, Samuel Kyei, Emmanuel Duodu (2019). The use of sea water as a homemade

remedy for infectious conjunctivitis-any cause for alarm? *Scientific African*. <https://doi.org/10.1016/j.sciaf.2019.e00108>

98. S Kyei (2019). Topical ocular anesthetics harbour clinically important microbes. *Journal of the Nigerian Optometric Association*. https://www.researchgate.net/profile/Samuel-Kyei-2/publication/335465394_Topical_Ocular_Anesthetics_Harbour_Clinically_Important_Microbes/links/5d67a673458515b5b4210a7a/Topical-Ocular-Anesthetics-Harbour-Clinically-Important-Microbes.pdf
99. C Darko-Takyi, M Ntodie, S Abokyi, S Kyei (2018). Accommodative anomalies in symptomatic school children in Cape Coast Metropolis, Ghana. *Journal of the Nigerian Optometric Association*. <https://www.ajol.info/index.php/jnoa/article/view/173691>
100. Samuel Kyei, Selassie Kojo Dzasimatu, Kofi Asiedu, Patience Ansomah Ayerakwah (2018). Association between dry eye symptoms and signs. *Journal of Current Ophthalmology*. <https://doi.org/10.1016/j.joco.2018.05.002>
101. Kofi Asiedu, Selassie K. Dzasimatu, Samuel Kyei (2018). Clinical subtypes of dry eye in youthful clinical sample in Ghana. *Contact Lens and Anterior Eye*. <https://doi.org/10.1016/j.clae.2018.10.005>
102. SAMUEL BERT BOADI-KUSI OD, Samuel Kyei, Vandyke Bright Okyere, Sampson Listowell Abu (2018). Factors influencing the decision of GHANAIAN optometry students to practice in rural areas after graduation. *BMC Medical Education*. <https://doi.org/10.1186/s12909-018-1302-3>
103. Kofi Asiedu, Selassie K. Dzasimatu, Samuel Kyei (2018). Impact of Dry Eye on Psychosomatic Symptoms and Quality of Life in a Healthy Youthful Clinical Sample. *Eye & Contact Lens Science & Clinical Practice*. <https://doi.org/10.1097/icl.0000000000000550>
104. Samuel Kyei, Franklin Lartey Otoo, Emmanuel Kwasi Abu, Anastasia Adomah Ofori (2018). Knowledge, attitude and practices of Ghanaian midwives regarding the use of ophthalmic medications among pregnant women. *International Journal of Africa Nursing Sciences*. <https://doi.org/10.1016/j.ijans.2018.03.002>
105. Kofi Asiedu, Samuel Kyei, Selassie K. Dzasimatu, Enyam K. A. Morny (2018). Meibomian Gland Dysfunction in a Youthful Clinical Sample in Ghana. *Optometry and Vision Science*. <https://doi.org/10.1097/oxp.0000000000001192>
106. Samuel Kyei, David France, Kofi Asiedu (2018). Microbial contamination of multiple-use bottles of fluorescein ophthalmic solution. *Clinical and Experimental Optometry*. <https://doi.org/10.1111/cxo.12821>
107. Samuel Kyei (2018). Ocular allergy: An underestimated disorder of the 21st century. *Current Allergy & Clinical Immunology*. <https://doi.org/10.10520/ejc-10958edb8d>
108. Linda Gyanfosu, George Asumeng Koffuor, Samuel Kyei, Ben Ababio-Danso, Kwabena Peprah-Donkor, Wilson Bright Nyansah, Frederick Asare (2017). Efficacy and safety of extemporaneously prepared miconazole eye drops in *Candida albicans*-induced keratomycosis. *International Ophthalmology*. <https://doi.org/10.1007/s10792-017-0707-z>
109. Peter Osei-Wusu Adueming, Moses Jojo Eghan, Benjamin Anderson, Samuel Kyei, Jerry Opoku-Ansah, Charles L. Y. Amuah, Samuel Sonko Sackey, Paul Kingsley Buah-Bassuah (2017). Multispectral Imaging in Combination with Multivariate Analysis Discriminates Selenite Induced Cataractous Lenses from Healthy Lenses of Sprague-Dawley Rats. *Open Journal of Biophysics*. <https://doi.org/10.4236/ojbiphys.2017.73011>
110. Michael Ntodie, Sampson L. Abu, Samuel Kyei, Samuel Abokyi, Emmanuel K. Abu (2017). Near vision spectacle coverage and barriers to near vision correction among adults in the Cape Coast Metropolis of Ghana. *African Health Sciences*. <https://doi.org/10.4314/ahs.v17i2.31>
111. Samuel Kyei, Alfred Asiem Nketsiah, Kofi Asiedu, Agnes Awuah, Andrew Owusu-Ansah (2017). Onset and duration of cycloplegic action of 1% cyclopentolate – 1% tropicamide combination. *African Health Sciences*. <https://doi.org/10.4314/ahs.v17i3.36>
112. Elvis Ofori Ameyaw, Kennedy Kwami Edem Kukuia, Ama Kyerea Thomford, Samuel Kyei, Priscilla Kolibea Mante, Johnson Nyarko Boampong (2016). Analgesic properties of aqueous leaf extract of *Haematostaphis barteri*: involvement of ATP-sensitive potassium channels, adrenergic, opioidergic, muscarinic, adenosinergic and serotoninergic pathways. *Journal of Basic and Clinical Physiology and Pharmacology*. <https://doi.org/10.1515/jbcp-2015-0108>

113. Samuel Kyei, George A. Koffuor, Paul Ramkissoon, Emmanuel K. Abu, Josephine F. Sarpong (2016). Anti-Cataract Potential of *Heliotropium indicum* Linn on Galactose-Induced Cataract in Sprague-Dawley Rats. *Current Eye Research*. <https://doi.org/10.1080/02713683.2016.1198486>
114. Samuel Kyei, George Asumeng Koffuor, Paul Ramkissoon, Elvis Ofori Ameyaw, Emmanuel Akomanin Asiamah (2016). Anti-inflammatory effect of *Heliotropium indicum* Linn on lipopolysaccharide-induced uveitis in New Zealand white rabbits. *International Journal of Ophthalmology*. <https://doi.org/10.18240/ijo.2016.04.08>
115. Emmanuel Kwasi Abu, Johnson N. Boampong, Samuel Kyei, Richmond Afoakwah, Irene Ayi (2016). Associations between Polymorphisms within Interferon Gamma and Tumor Necrosis Factor Genes and Toxoplasma Retinochoroiditis in Ghanaian Patients. *Ocular Immunology and Inflammation*. <https://doi.org/10.3109/09273948.2016.1159315>
116. Kofi Asiedu, Samuel Kyei, Emmanuel Ekow Ampiah (2016). Autorefraction, Retinoscopy, Javal's Rule, and Grosvenor's Modified Javal's Rule: The Best Predictor of Refractive Astigmatism. *Journal of Ophthalmology*. <https://doi.org/10.1155/2016/3584137>
117. SAMUEL BERT BOADI-KUSI OD, Samuel Kyei, Ama Diafo, Kwabena Nkansah Darfor, Samuel Bert Boadi-Kusi, Peter B. Aglobitse (2016). Cost of the medical management and prescription pattern for primary open angle glaucoma (POAG) in Ghana—a retrospective cross-sectional study from three referral facilities. *BMC Health Services Research*. <https://doi.org/10.1186/s12913-016-1528-x>
118. Elvis Ameyaw, George Koffuor, Kwame Asare, Daniels Konja, Asante Dubois, Samuel Kyei, Arnold Forkuo, Richard Mensah (2016). Cryptolepine, an indoloquinoline alkaloid, in the management of diabetes mellitus and its associated complications. *Journal of Intercultural Ethnopharmacology*. <https://doi.org/10.5455/jice.20160606124435>
119. 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>
120. Samuel Kyei, Bernard Tettey, Kofi Asiedu, Agnes Awuah (2016). Knowledge and awareness of ocular allergy among undergraduate students of public universities in Ghana. *BMC Ophthalmology*. <https://doi.org/10.1186/s12886-016-0366-2>
121. Samuel Kyei, Andrew Owusu-Ansah, Samuel Bert Boadi-Kusi, Dennis Nii Abbey, Emmanuel Kwasi Abu (2016). Occupational hazards correlates of ocular disorders in Ghanaian fisheries. *Healthcare in Low-resource Settings*. <https://doi.org/10.4081/hls.2016.5482>
122. Samuel Kyei, Yaw Asamoah, Felix Amoah, Stephen Ocansey, Samuel Bert Boadi-Kusi (2016). Ophthalmic diagnosis and medication use: How much do patients know? *New Frontiers in Ophthalmology*. <https://doi.org/10.15761/nfo.1000111>
123. Kofi Asiedu, Samuel Kyei, Frank Okyere Agyemang, Kweku Mensah Gyamfi (2016). Self Medication with Over-the Counter Topical Ophthalmic Medications: A Study of Undergraduates in Ghana. *Indo Global Journal of Pharmaceutical Sciences*. <https://doi.org/10.35652/igjps.2016.08>
124. Kofi Asiedu, Samuel Kyei, Benedict Ayobi, Frank Okyere Agyemang, Reynolds Kwame Ablordeppey (2016). Survey of eye practitioners' preference of diagnostic tests and treatment modalities for dry eye in Ghana. *Contact Lens and Anterior Eye*. <https://doi.org/10.1016/j.clae.2016.08.001>
125. Boampong Godfred, Samuel Kyei, Frank Boampong, Stephen Ocansey (2016). Symptomatic Dry Eye and Its Associated Factors: A Study of University Undergraduate Students in Ghana. *Eye & Contact Lens Science & Clinical Practice*. <https://doi.org/10.1097/icl.0000000000000256>
126. Agnes Awuah, Kofi Asiedu, Madison Adanusa, Michael Ntodie, Ebo Acquah, Samuel Kyei (2015). A case of leukemic retinopathy mimicking common ischemic retinopathies. *Clinical Case Reports*. <https://doi.org/10.1002/ccr3.457>
127. Ameyaw Elvis Ofori, Woode Eric, Kyei Samuel, Biny Peter Robert, Boampong Johnson Nyarko (2015). Anti-Nociceptive Synergism of Pregabalin and Xylopic acid Co-administration in Paclitaxel induced Neuropathy: Isobolographic Analysis. *Pharmacognosy Journal*. <https://doi.org/10.5530/pj.2015.6.8>

128. George Asumeng Koffuor, Alex Boye, Samuel Kyei, Jones Ofori-Amoah, Emmanuel Akomanin Asiamah, Atsu Barku, Jacqueline Acheampong, Elikplim Amegashie, Albert Kumi Awuku (2015). Anti-asthmatic property and possible mode of activity of an ethanol leaf extract of *Polyscias fruticosa*. *Pharmaceutical Biology*. <https://doi.org/10.3109/13880209.2015.1077465>
129. Samuel Kyei, George Asumeng Koffuor, Paul Ramkissoon, Osei Owusu-Afriyie (2015). Anti-glaucoma potential of *Heliotropium indicum* Linn in experimentally-induced glaucoma. *Eye and Vision*. <https://doi.org/10.1186/s40662-015-0027-1>
130. George Koffuor, Alex Boye, Jones Ofori-Amoah, Samuel Kyei, Cyrille Nouoma, Agyemang Debrah (2015). Evaluating Muco-suppressant, Anti-tussive and Safety Profile of *Polyscias fruticosa* (L.) Harms (Araliaceae) in Asthma Management. *Journal of Advances in Medicine and Medical Research*. <https://doi.org/10.9734/bjmmr/2015/19403>
131. Kofi Asiedu, Samuel Kyei, Sekyere N. Mensah, Stephen Ocansey, Listowell S. Abu, Elvis A. Kyere (2015). Ocular Surface Disease Index (OSDI) Versus the Standard Patient Evaluation of Eye Dryness (SPEED). *Cornea*. <https://doi.org/10.1097/ico.0000000000000712>
132. Emmanuel Kwasi Abu, Samuel Bert Boadi-Kusi, Prince Opuni Quarcoo, Samuel Kyei, Andrew Owusu-Ansah, Charles Darko-Takyi (2015). Ocular health and safety assessment among mechanics of the cape coast metropolis, Ghana. *Journal of Ophthalmic and Vision Research*. <https://doi.org/10.4103/2008-322x.158890>
133. Samuel Kyei, George Asumeng Koffuor, Paul Ramkissoon, Du-Bois Asante (2015). Oral and Ocular Safety Profile of Whole Plant Aqueous Extract of *Heliotropium indicum* L. in Rodents. *Research Journal of Medicinal Plant*. <https://doi.org/10.3923/rjmp.2015.321.330>
134. Samuel Kyei, George Asumeng Koffuor, Paul Ramkissoon, Samuel Abokyi, Osei Owusu-Afriyie, Eric Addo Wiredu (2015). Possible Mechanism of Action of the Antiallergic Effect of an Aqueous Extract of *Heliotropium indicum* L. in Ovalbumin-Induced Allergic Conjunctivitis. *Journal of Allergy*. <https://doi.org/10.1155/2015/245370>
135. Samuel Kyei, George Asumeng Koffuor, Paul Ramkissoon, Clement Afari, Emmanuel Akomanin Asiamah (2015). The Claim of Anti-Cataract Potential of *Heliotropium indicum*: A Myth or Reality? *Ophthalmology and Therapy*. <https://doi.org/10.1007/s40123-015-0042-2>
136. SAMUEL BERT BOADI-KUSI OD, Samuel Kyei, Frederick Afum Asare, Andrew Owusu-Ansah, Agnes Awuah, Charles Darko-Takyi (2015). Visual function among commercial vehicle drivers in the central region of Ghana. *Journal of Optometry*. <https://doi.org/10.1016/j.optom.2015.06.004>
137. George Asumeng Koffuor, Alex Boye, Jones Ofori-Amoah, Samuel Kyei, Samuel Abokyi, Raymond Appiah Nyarko, Ruth Naalukyem Bangfu (2014). Anti-inflammatory and safety assessment of *Polyscias fruticosa* (L.) Harms (Araliaceae) leaf extract in ovalbumin-induced asthma. *The Journal of Phytopharmacology*. <https://doi.org/10.31254/phyto.2014.3506>
138. George Koffuor, Jones Ofori-Amoah, Samuel Kyei, Stephen Antwi, Samuel Abokyi (2014). Anti-tussive, muco-suppressant and expectorant properties, and the safety profile of a hydro-ethanolic extract of *Scoparia dulcis*. *International Journal of Basic & Clinical Pharmacology*. <https://doi.org/10.5455/2319-2003.ijbcp20140606>
139. Samuel Kyei, EO Ameyaw, JN Boampong (2014). Anti-uveitogenic effect of xylopic acid in Sprague Dawley rats. *Eur J Exp Biol*. <https://ir.ucc.edu.gh/server/api/core/bitstreams/0d2392f1-43b7-4aae-bbb5-a7268c9fde01/content>
140. George Asumeng Koffuor, Samuel Kyei, Emmanuel A Asiamah, Clement Nsobire Atobiga, Agnes Awuah, Samuel Abokyi (2014). Antiallergic effect of an aqueous leaf extract of *Pistia stratiotes* in murine model of ovalbumin-induced allergic conjunctivitis. *Pharmacognosy Research*. <https://doi.org/10.4103/0974-8490.138243>
141. Samuel Kyei, Stephen Ocansey, Emmanuel Kwasi Abu, Bismark Nyarko Gyedu (2014). Appraisal of the practice of ocular self-medication in Cape Coast Metropolis, Ghana. *Optometry Reports*. <https://doi.org/10.4081/optometry.2014.2164>
142. SAMUEL BERT BOADI-KUSI OD, Samuel Kyei, Khathutshelo P Mashige, Rekha Hansraj, Carl Halladay

Abraham, Stephen Ocansey, Elvis L Agbedzie (2014). Awareness, knowledge and self-care practices toward glaucoma among final year health science university students in Ghana. *Clinical and Experimental Optometry*. <https://doi.org/10.1111/cxo.12224>

143. Samuel Kyei, Elvis Ofori Ameyaw, Johnson Nyarko Boampong, Akua Afriyie Karikari (2014). CODEN (USA): EJEBAU. *European Journal of Experimental Biology*. <https://ir.ucc.edu.gh/server/api/core/bitstreams/99d84172-fd4c-47f3-ab9c-ab8d8216d777/content>
144. OCANSEY STEPHEN, Samuel Kyei, Khathutshelo Percy Mashige, Emmanuel Kwasi Abu, Daniel Antwi-Boasiako, Abraham Carl Halladay (2014). Demographic characteristics of Ghanaian optometry students and factors influencing their career choice and institution of learning. *Advances in Health Sciences Education*. <https://doi.org/10.1007/s10459-014-9505-9>
145. Emmanuel K Abu, Abena A Yeboah, Stephen Ocansey, Samuel Kyei, Samuel Abokyi (2014). Epidemiology of ocular disorders and visual impairment among school pupils in the Cape Coast Metropolis, Ghana. *British Journal of Visual Impairment*. <https://doi.org/10.1177/0264619614561690>
146. Kukuia Kennedy Kwami Edem, Boampong Johnson Nyarko, Samuel Kyei, Annane Rex Frimpong, Ernest Obese (2014). Ethanolic Root Extract of *Jatropha curcas* L. relieves Hyperalgesia in Arthritis Model in Rats. *Scholar Science Journals - International Journal of Biomedical Research*. <https://doi.org/10.7439/ijpr.v4i1.64>
147. OCANSEY STEPHEN, Samuel Kyei, A Awuah (2014). Eye care seeking behaviour: a study of the people of Cape Coast Metropolis of Ghana. *J Behav Health*. <https://www.academia.edu/download/77126131/e0d926e9083c723f202b9fc19513f2678c7f.pdf>
148. Samuel Bert Boadi-Kusi, Rekha Hansraj, Akwasi Kumi-Kyereme, Khathutshelo Percy Mashige, Kofi Awusabo-Asare, Stephen Ocansey, Samuel Kyei (2014). Ocular Health Assessment of Cocoa Farmers in a Rural Community in Ghana. *Journal of Agromedicine*. <https://doi.org/10.1080/1059924x.2014.886537>
149. Samuel Kyei, S Abokyi (2014). Patients' Information Leaflets: Its' Influence on Ophthalmic Patient Education and Medication Compliance. *Journal of Advances in Medicine and Medical Research*. <https://doi.org/10.9734/bjmmr/2014/6383>
150. Samuel Kyei, George Asumeng Koffuor, Elvis Ofori Ameyaw, Paul Ramkissoo, Daniel Adu-Agyeman (2014). Self-reported adverse reactions associated with topical ophthalmic medication use: a cross-sectional survey. *Drugs and Therapy Studies*. <https://doi.org/10.4081/dts.2014.5278>
151. E Ameyaw, J Boampong, S Kyei (2013). Ethanolic root extract of *Jatropha curcas* L. ameliorates paclitaxel-induced neuropathic pain in rats. *Res Rev J Pharmacol*. <https://scholar.google.com/scholar?cluster=14197897870618656792&hl=en&oi=scholar>
152. Boampong, Elvis Ameyaw, Samuel Kyei, Aboagye, Asare, Afoakwah, Boye, Donfack (2013). In vivo antimalarial activity of stem bark extracts of *Plumeria alba* against *Plasmodium berghei* in imprinting control region mice. *Reports in Parasitology*. <https://doi.org/10.2147/rip.s45492>
153. OCANSEY STEPHEN, A Kumi-Kyereme, Kofi Awusabo-Asare, S Kyei (2013). Perceptions about Vision and Utilization of Eye Care Services among Cocoa Farmers in a Rural Community in Ghana. *International Journal of Health Research*. https://www.academia.edu/download/83604137/Perceptions_about_Vision_and_Utilization20220409-28809-a6ccd2.pdf
154. J. N. Boampong, E. O. Ameyaw, B. Aboagye, K. Asare, S. Kyei, J. H. Donfack, E. Woode (2013). The Curative and Prophylactic Effects of Xylopic Acid on *Plasmodium berghei* Infection in Mice. *Journal of Parasitology Research*. <https://doi.org/10.1155/2013/356107>
155. Kwaku Antwi Osei, Godwin Ovenseri-Ogbomo, Samuel Kyei, Michael Ntodie (2013). The Effect of Caffeine on Tear Secretion. *Optometry and Vision Science*. <https://doi.org/10.1097/oxp.000000000000129>
156. Samuel Kyei, Carl Halladay Abraham (2012). Dry Eyes: An Adverse Effect of Systemic Antihistamine Use In Allergic Conjunctivitis Management. *Research Journal of Pharmacology*.
157. S Abokyi, M Ntodie, S Kyei (2012). Epidemiological profile and pharmacological management of allergic conjunctivitis: A study in Ghana. *Int J Pharm Biomed Res*. https://www.academia.edu/download/71018094/Epidemiological_profile_and_pharmacologi20211002-20467-1127m37.pdf

158. S Abokyi, M Ntodie, S Kyei (2012). International Journal of PHARMACEUTICAL AND BIOMEDICAL. *Int J Pharm.* <https://ir.ucc.edu.gh/server/api/core/bitstreams/f7fea13b-cfd9-4381-842d-a6354009b26c/content>
159. Samuel Kyei, JN Boampong, O Owusu-Afriyie (2012). Ocular anti-inflammatory effect of aqueous and ethanolic leaf extracts of *Pistia stratiotes* Linn (Araceae) in endotoxin-induced uveitis. *J Nat Pharm.* <https://www.academia.edu/download/96462373/f72334d7236e6ede46b8c97132b7599e6b79.pdf>
160. S Kyei (2012). Ocular discomforts following eyelash extension. *Journal of Medical and Biomedical sciences.* https://www.researchgate.net/profile/Clement-Afari/publication/230705218_Ocular_discomforts_following_eyelash_extension/links/0fcfd5033e65309577000000/Ocular-discomforts-following-eyelash-extension.pdf
161. GO Ovenseri-Ogbomo, S Ocansey, EK Abu, S Kyei, SB Boadi-Kusi (2012). Oculo-Visual Findings among Industrial Mine Workers at Goldfields Ghana Limited, Tarkwa. *Ophthalmology and Eye Diseases.* <https://doi.org/10.4137/oed.s9204>
162. Samuel Kyei, E Ekuadzi (2012). Possible mechanism of anti-inflammatory activity and safety profile of aqueous and ethanolic leaf extracts of *Pistia stratiotes* Linn (Araceae). *Journal of the Ghana Science Association.* <https://ir.ucc.edu.gh/server/api/core/bitstreams/82ce3394-9b8a-4528-8fbb-7d39e0b6f0d1/content>
163. OCANSEY STEPHEN, EK Abu, S Kyei (2012). Self-reported eye disorders and visual hazards among Ghanaian mine workers. *Journal of Medical and Biomedical Sciences.* <https://www.ajol.info/index.php/jmbs/article/download/80230/70488>
164. S Kyei, JN Boampong (2012). The efficacy of aqueous and ethanolic leaf extracts of *Pistia stratiotes* linn in the management of arthritis and fever. *Journal of Medical and Biomedical Sciences.* <https://www.ajol.info/index.php/jmbs/article/download/77550/67990>

Reports 2

1. Samuel Kyei, Elvis Ofori Ameyaw (2016). Anti-inflammatory effect of Linn on lipopolysaccharide-induced uveitis in New Zealand white rabbits. *University of Cape Coast.* <https://ir.ucc.edu.gh/items/efe6042f-506d-471e-96a8-33b9f88c0713>
2. Samuel Kyei (2012). Effect of the working environment on oculo-visual health of some sand and stone miners in Ghana. *University of Cape Coast.* <https://ir.ucc.edu.gh/items/3498bb4f-6a50-4bc2-ada7-0bc7c09334bb>

Theses 1

1. S Kyei (2012). Anti-inflammatory, anti-pyretic and safety assessment of aqueous and methanolic leaf extracts of *Pistia stratiotes* Linn (Araceae). *MSc Thesis. Kwame Nkrumah University of Science and Technology.* <https://scholar.google.com/scholar?cluster=13957942136153074934&hl=en&oi=scholar>

Other publications 1

1. S Kyei, R Asiamah (2022). Eyelash Extension Wear Potentiates Clinical Signs of Ocular Surface Diseases Among Young Women. *Cornea.*