Development and Validation of a Smartphone-Based Vi
Clinical Practice and Community-Based Fieldwork

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Citation Report

#	Article	IF	Citations
2	Trachoma and Relative Poverty: A Case-Control Study. PLoS Neglected Tropical Diseases, 2015, 9, e0004228.	1.3	54
3	The Impact of Trachomatous Trichiasis on Quality of Life: A Case Control Study. PLoS Neglected Tropical Diseases, 2015, 9, e0004254.	1.3	18
4	Smartphone-Based Visual Acuity Measurement for Screening and Clinical Assessment. JAMA - Journal of the American Medical Association, 2015, 314, 2682.	3.8	46
5	Measuring Disability in Population Based Surveys: The Interrelationship between Clinical Impairments and Reported Functional Limitations in Cameroon and India. PLoS ONE, 2016, 11, e0164470.	1.1	64
6	Impact of Trichiasis Surgery on Quality of Life: A Longitudinal Study in Ethiopia. PLoS Neglected Tropical Diseases, 2016, 10, e0004627.	1.3	15
7	Comparison of Smartphone Ophthalmoscopy With Slit-Lamp Biomicroscopy for Grading Vertical Cup-to-Disc Ratio. Journal of Glaucoma, 2016, 25, e777-e781.	0.8	55
8	Posterior lamellar versus bilamellar tarsal rotation surgery for trachomatous trichiasis in Ethiopia: a randomised controlled trial. The Lancet Global Health, 2016, 4, e175-e184.	2.9	46
9	Visual Acuity Screening Among Asymptomatic Older Adults. JAMA - Journal of the American Medical Association, 2016, 315, 875.	3.8	3
10	Visual acuity measured with a smartphone app is more accurate than Snellen testing by emergency department providers. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1175-1180.	1.0	46
12	Increasing access to eye care â€¦ there's an app for that. Peek: smartphone technology for eye health. International Journal of Epidemiology, 2016, 45, dyw086.	0.9	17
13	Clinical Validation of a Smartphone-Based Adapter for Optic Disc Imaging in Kenya. JAMA Ophthalmology, 2016, 134, 151.	1.4	117
14	A comparative analysis of Patient-Reported Expanded Disability Status Scale tools. Multiple Sclerosis Journal, 2016, 22, 1349-1358.	1.4	54
15	Predictors of Trachomatous Trichiasis Surgery Outcome. Ophthalmology, 2017, 124, 1143-1155.	2.5	21
16	JAMA Ophthalmology Year in Review, 2016. JAMA Ophthalmology, 2017, 135, 187.	1.4	0
17	PupilScreen. , 2017, 1, 1-27.		34
18	Universal eye health: are we getting closer?. The Lancet Global Health, 2017, 5, e843-e844.	2.9	14
19	Optic disc and cup segmentation methods for glaucoma detection with modification of U-Net convolutional neural network. Pattern Recognition and Image Analysis, 2017, 27, 618-624.	0.6	307
20	Diabetes in sub-Saharan Africa: from clinical care to health policy. Lancet Diabetes and Endocrinology,the, 2017, 5, 622-667.	5.5	328

#	Article	IF	Citations
21	Study protocol: Insight 46 â€“ a neuroscience sub-study of the MRC National Survey of Health and Development. BMC Neurology, 2017, 17, 75.	0.8	64
22	Effectiveness of a novel mobile health education intervention (Peek) on spectacle wear among children in India: study protocol for a randomized controlled trial. Trials, 2017, 18, 168.	0.7	17
23	BiliScreen. , 2017, 1, 1-26.		31
24	Management of Congenital Cataract in Sub-Saharan Africa. , 2017, , 121-130.		1
25	The search for the holy grail: frugal innovation in healthcare from low-income or middle-income countries for reverse innovation to developed countries. BMJ Innovations, 2017, 3, 212-220.	1.0	34
26	Electronic Referrals and Digital Imaging Systems in Ophthalmology: A Global Perspective. , 2017, 6, 3-7.		6
27	Impact of trichiasis surgery on daily living: A longitudinal study in Ethiopia. Wellcome Open Research, 2017, 2, 69.	0.9	3
28	Connected health and multiple sclerosis. Revue Neurologique, 2018, 174, 480-485.	0.6	6
29	Oral doxycycline for the prevention of postoperative trachomatous trichiasis in Ethiopia: a randomised, double-blind, placebo-controlled trial. The Lancet Global Health, 2018, 6, e579-e592.	2.9	18
30	Glaucoma Features in an East African Population: A 6-Year Cohort Study of Older Adults in Nakuru, Kenya. Journal of Glaucoma, 2018, 27, 455-463.	0.8	14
31	Medical Use of Sensor-Based Devices, the Debates Around and Implementation in Education. Reports in Advances of Physical Sciences, 2018, 02, 1850001.	0.6	0
32	Validation of Peek Acuity application in pediatric screening programs in Paraguay. International Journal of Ophthalmology, 2018, 11, 1384-1389.	0.5	17
33	Prevalence and causes of visual impairment among schoolchildren in Mekelle, Ethiopia. Cogent Medicine, 2018, 5, 1554832.	0.7	10
35	Optic Disc Segmentation Based on Correlation Feature Information. , 2018, , .		1
36	Evaluation of the self-eye examination method for health promotion. Revista Da Escola De Enfermagem Da U S P, 2018, 52, e03340.	0.3	2
37	Smartphone Spectrometers. Sensors, 2018, 18, 223.	2.1	107
38	Deep Learning for Predicting Refractive Error From Retinal Fundus Images. , 2018, 59, 2861.		127
39	Antarctica eye study: a prospective study of the effects of overwintering on ocular parameters and visual function. BMC Ophthalmology, 2018, 18, 149.	0.6	2

#	Article	IF	Citations
40	Expanding the Capacity of Otolaryngologists in Kenya through Mobile Technology. OTO Open, 2018, 2, 2473974X18766824.	0.6	17
41	Accuracy and Feasibility of an Android-Based Digital Assessment Tool for Post Stroke Visual Disordersâ€"The StrokeVision App. Frontiers in Neurology, 2018, 9, 146.	1.1	15
42	Smartphone-based screening for visual impairment in Kenyan school children: a cluster randomised controlled trial. The Lancet Global Health, 2018, 6, e924-e932.	2.9	86
43	Population need for primary eye care in Rwanda: A national survey. PLoS ONE, 2018, 13, e0193817.	1.1	12
44	Visual Acuity Assessment and Vision Screening Using a Novel Smartphone Application. Journal of Pediatrics, 2019, 213, 203-210.e1.	0.9	38
45	Parents' performance using the AAPOS Vision Screening App to test visual acuity in Malaysian preschoolers. Journal of AAPOS, 2019, 23, 268.e1-268.e6.	0.2	9
46	Posterior lamellar versus bilamellar tarsal rotation surgery for trachomatous trichiasis: Long-term outcomes from a randomised controlled trial. EClinicalMedicine, 2019, 17, 100202.	3.2	3
47	Peek Community Eye Health - mHealth system to increase access and efficiency of eye health services in Trans Nzoia County, Kenya: study protocol for a cluster randomised controlled trial. Trials, 2019, 20, 502.	0.7	19
48	Development and Validation of a Smartphone-Based Visual Acuity Test (Vision at Home). Translational Vision Science and Technology, 2019, 8, 27.	1.1	38
49	Development and Validation of a Smartphone-based Contrast Sensitivity Test. Translational Vision Science and Technology, 2019, 8, 13.	1.1	20
50	Delay Along the Care Seeking Journey of Patients with Microbial Keratitis in Uganda. Ophthalmic Epidemiology, 2019, 26, 311-320.	0.8	15
51	Undermining a common language: smartphone applications for eye emergencies. Medical Devices: Evidence and Research, 2019, Volume 12, 21-40.	0.4	8
52	Utilisation and perceptions towards smart device visual acuity assessment in Australia: a mixed methods approach. BMJ Open, 2019, 9, e024266.	0.8	4
53	Portable Perimetry Using Eye-Tracking on a Tablet Computerâ€"A Feasibility Assessment. Translational Vision Science and Technology, 2019, 8, 17.	1.1	52
54	Innovative Diagnostic Tools for Ophthalmology in Low-Income Countries. , 0, , .		5
55	Agreement on the use of sensory screening techniques by nurses for older adults with cognitive impairment in long-term care: a mixed-methods consensus approach. BMJ Open, 2019, 9, e027803.	0.8	6
56	Compared Near-Vision Testing With the Nintendo 3DS PDI Check Game on the Thaiâ€"Burma Border. Asia-Pacific Journal of Ophthalmology, 2019, 8, 330-334.	1.3	7
57	Rapid Assessment of Avoidable Blindness: looking back, looking forward. British Journal of Ophthalmology, 2019, 103, 1549-1552.	2.1	34

#	Article	IF	Citations
58	The impact of microbial keratitis on quality of life in Uganda. BMJ Open Ophthalmology, 2019, 4, e000351.	0.8	13
60	Validation of an Affordable Handheld Wavefront Autorefractor. Optometry and Vision Science, 2019, 96, 726-732.	0.6	18
61	Sensitivity and Specificity of Smartphone-Based Retinal Imaging for Diabetic Retinopathy. Ophthalmology Retina, 2019, 3, 146-153.	1.2	52
63	Retinoblastoma, the visible CNS tumor: A review. Journal of Neuroscience Research, 2019, 97, 29-44.	1.3	119
64	Implementing a School Vision Screening Program in Botswana Using Smartphone Technology. Telemedicine Journal and E-Health, 2020, 26, 255-258.	1.6	19
65	Looking at antiretroviral adherence through a disability lens: a cross-sectional analysis of the intersection of disability, adherence, and health status. Disability and Rehabilitation, 2020, 42, 806-813.	0.9	8
66	Smartphone use in ophthalmology: What is their place in clinical practice?. Survey of Ophthalmology, 2020, 65, 250-262.	1.7	50
67	Severity of Visual Field Loss at First Presentation to Glaucoma Clinics in England and Tanzania. Ophthalmic Epidemiology, 2020, 27, 10-18.	0.8	19
68	Epidemiology of Microbial Keratitis in Uganda: A Cohort Study. Ophthalmic Epidemiology, 2020, 27, 121-131.	0.8	12
69	Development and validation of a machine learning, smartphone-based tonometer. British Journal of Ophthalmology, 2020, 104, 1394-1398.	2.1	17
70	Implementation of a Novel Near Visual Acuity Chart in an Emergency Department Setting. Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality, 2020, 42, e58-e65.	0.3	0
71	StimuliApp: Psychophysical tests on mobile devices. Behavior Research Methods, 2021, 53, 1301-1307.	2.3	7
72	Is your vision blurry? A systematic review of home-based visual acuity for telemedicine. Journal of Telemedicine and Telecare, 2023, 29, 81-90.	1.4	21
73	Teleophthalmology: an essential tool in the era of the novel coronavirus 2019. Current Opinion in Ophthalmology, 2020, 31, 366-373.	1.3	40
74	Validation of the visual acuity iPad app Eye Chart Pro compared to the standard Early Treatment Diabetic Retinopathy Study chart in a low-vision population. Journal of Telemedicine and Telecare, 2022, 28, 680-686.	1.4	4
75	Topical chlorhexidine 0.2% versus topical natamycin 5% for fungal keratitis in Nepal: rationale and design of a randomised controlled non-inferiority trial. BMJ Open, 2020, 10, e038066.	0.8	15
76	Teleâ€"Neuro-Ophthalmology: Vision for 20/20 and Beyond. Journal of Neuro-Ophthalmology, 2020, 40, 378-384.	0.4	36
77	Tele-Neuro-Ophthalmology During the Age of COVID-19. Journal of Neuro-Ophthalmology, 2020, 40, 292-304.	0.4	28

#	Article	IF	Citations
78	Better one or two? A systematic review of portable automated refractors. Journal of Telemedicine and Telecare, 2022, 28, 404-411.	1.4	6
79	A Novel Automated Visual Acuity Test Using a Portable Head-mounted Display. Optometry and Vision Science, 2020, 97, 591-597.	0.6	9
80	Evaluation of Tablet-Based Tests of Visual Acuity and Contrast Sensitivity in Older Adults. Ophthalmic Epidemiology, 2021, 28, 293-300.	0.8	10
81	Too Many Shades of Grey: Photometrically and Spectrally Mismatched Targets and Backgrounds in Printed Acuity Tests for Infants and Young Children. Translational Vision Science and Technology, 2020, 9, 12.	1.1	0
82	Effectiveness of a novel mobile health (Peek) and education intervention on spectacle wear amongst children in India: Results from a randomized superiority trial in India. EClinicalMedicine, 2020, 28, 100594.	3.2	8
83	Eye Care Utilization in A Community-oriented Mobile Screening Programme for Improving Eye Health in Iran: A Cluster Randomized Trial. Ophthalmic Epidemiology, 2020, 27, 417-428.	0.8	5
84	Incorporating Video Visits into Ophthalmology Practice: A Retrospective Analysis and Patient Survey to Assess Initial Experiences and Patient Acceptability at an Academic Eye Center. Ophthalmology and Therapy, 2020, 9, 549-562.	1.0	24
85	Community health workerâ€based hearing screening on a mobile platform: A scalable protocol piloted in Haiti. Laryngoscope Investigative Otolaryngology, 2020, 5, 305-312.	0.6	8
86	A critical review of intervention and policy effects on the health of older people in sub-Saharan Africa. Social Science and Medicine, 2020, 250, 112887.	1.8	9
87	Rationale and feasibility of a combined rapid assessment of avoidable blindness and hearing loss protocol. PLoS ONE, 2020, 15, e0229008.	1.1	9
88	Refinement and preliminary evaluation of two tabletâ€based tests of realâ€world visual function. Ophthalmic and Physiological Optics, 2020, 40, 35-46.	1.0	5
89	Could telehealth help eye care practitioners adapt contact lens services during the COVID-19 pandemic?. Contact Lens and Anterior Eye, 2020, 43, 204-207.	0.8	42
90	Teleophthalmology: Evaluation of Phone-based Visual Acuity in a Pediatric Population. American Journal of Ophthalmology, 2021, 221, 199-206.	1.7	31
91	Digital technology, tele-medicine and artificial intelligence in ophthalmology: A global perspective. Progress in Retinal and Eye Research, 2021, 82, 100900.	7.3	261
92	A critical review: Psychophysical assessments of diabetic retinopathy. Survey of Ophthalmology, 2021, 66, 213-230.	1.7	21
93	The Lancet Global Health Commission on Global Eye Health: vision beyond 2020. The Lancet Global Health, 2021, 9, e489-e551.	2.9	549
94	Saving space: Comparing mini - logMAR with standard logMAR visual acuity. Indian Journal of Ophthalmology, 2021, 69, 48.	0.5	1
95	Validation of visual acuity applications for teleophthalmology during COVID-19. Indian Journal of Ophthalmology, 2021, 69, 385.	0.5	20

#	Article	IF	Citations
96	Evaluating simple, affordable technology for ophthalmic diagnoses in rural Malawi: a potential tool to address skill shortage. BMJ Innovations, 2021, 7, 452-455.	1.0	0
97	Smartphone applications in ophthalmology: A quantitative analysis. Indian Journal of Ophthalmology, 2021, 69, 548.	0.5	14
98	Detection of retinal abnormalities in fundus image using CNN deep learning networks. , 2021, , 19-61.		11
99	Parental Home Vision Testing of Children During Covid-19 Pandemic. British and Irish Orthoptic Journal, 2021, 17, 13.	0.1	15
100	The Gambia National Eye Health Survey 2019: survey protocol. Wellcome Open Research, 2021, 6, 10.	0.9	4
101	Evaluation of a New Method to Track Changes in Vision at Home for Children Undergoing Amblyopia Treatment. British and Irish Orthoptic Journal, 2021, 17, 70-78.	0.1	6
102	Visual Acuity Apps for Rapid Integration in Teleconsultation Services in all Resource Settings: A Review. Asia-Pacific Journal of Ophthalmology, 2021, 10, 350-354.	1.3	12
103	Comparison of Visual Acuity Measurement Using Three Methods: Standard ETDRS Chart, Near Chart and a Smartphone-Based Eye Chart Application. Clinical Ophthalmology, 2021, Volume 15, 859-869.	0.9	26
105	The reliability of visual acuity measurements from inpatient referrals to ophthalmology. Eye, 2021, , .	1.1	1
106	Adverse events using shorter MDR-TB regimens: outcomes from Port Moresby, Papua New Guinea. Public Health Action, 2021, 11, 2-4.	0.4	3
107	Visual Acuity Testing for Telehealth Using Mobile Applications. JAMA Ophthalmology, 2021, 139, 344.	1.4	22
108	Home Monitoring for Glaucoma: Current Applications and Future Directions. Seminars in Ophthalmology, 2021, 36, 310-314.	0.8	13
109	Alleviating an Increasingly Burdened Healthcare System with Telemedicine: Anterior Segment. Ophthalmology and Therapy, 2021, 10, 225-229.	1.0	5
111	Community-Based Hearing and Vision Screening in Schools in Low-Income Communities Using Mobile Health Technologies. Language, Speech, and Hearing Services in Schools, 2021, 52, 568-580.	0.7	12
112	The use and impact of mHealth by community health workers in developing and least developed countries: a systematic review. Research on Biomedical Engineering, 2021, 37, 563-582.	1.5	7
113	Virtual consultation for red eye. BMJ, The, 2021, 373, n1490.	3.0	5
114	Estimating Need for Glasses and Hearing Aids in The Gambia: Results from a National Survey and Comparison of Clinical Impairment and Self-Report Assessment Approaches. International Journal of Environmental Research and Public Health, 2021, 18, 6302.	1.2	1
115	Digital Tools for the Self-Assessment of Visual Acuity: A Systematic Review. Ophthalmology and Therapy, 2021, 10, 715-730.	1.0	12

#	Article	IF	Citations
116	Development and Validation of a Mobile Visual Acuity Examination App for Universal Use, Including Remote and Rural Regions. , 0, , .		0
117	Development and Validation of a Mobile Visual Acuity Examination App for Universal Use, Including Remote and Rural Regions. , 0, , .		0
118	Learning curve evaluation upskilling retinal imaging using smartphones. Scientific Reports, 2021, 11, 12691.	1.6	6
119	Comparing a Home Vision Self-Assessment Test to Office-Based Snellen Visual Acuity. Clinical Ophthalmology, 2021, Volume 15, 3205-3211.	0.9	9
120	Effectiveness of an mHealth system on access to eye health services in Kenya: a cluster-randomised controlled trial. The Lancet Digital Health, 2021, 3, e414-e424.	5.9	19
121	Emergence of nonâ€AI digital health innovations in ophthalmology: A systematic review. Clinical and Experimental Ophthalmology, 2021, 49, 741-756.	1.3	4
123	Chlorhexidine gluconate 0.2% as a treatment for recalcitrant fungal keratitis in Uganda: a pilot study. BMJ Open Ophthalmology, 2021, 6, e000698.	0.8	6
124	Digital Transformation in Ophthalmic Clinical Care During the COVID-19 Pandemic. Asia-Pacific Journal of Ophthalmology, 2021, 10, 381-387.	1.3	10
125	The evaluation of a web-based tool for measuring the uncorrected visual acuity and refractive error in keratoconus eyes: A method comparison study. PLoS ONE, 2021, 16, e0256087.	1.1	9
126	Clinical validation of a novel web-application for remote assessment of distance visual acuity. Eye, 2022, 36, 2057-2061.	1.1	19
127	Telemedicine in neuro-ophthalmology. Current Opinion in Ophthalmology, 2021, 32, 499-503.	1.3	5
128	Novel web application for self-assessment of distance visual acuity to support remote consultation: a real-world validation study in children. BMJ Open Ophthalmology, 2021, 6, e000801.	0.8	8
129	Smart Social Development Key for Smart African Cities. Advances in 21st Century Human Settlements, 2019, , 393-421.	0.3	2
130	The distance threshold of reliable eyewitness identification.. Law and Human Behavior, 2019, 43, 527-541.	0.6	15
131	Impact of trichiasis surgery on daily living: A longitudinal study in Ethiopia. Wellcome Open Research, 0, 2, 69.	0.9	1
132	Smartphones for community health in rural Cambodia: A feasibility study. Wellcome Open Research, 2018, 3, 69.	0.9	8
133	Podoconiosis, trachomatous trichiasis and cataract in northern Ethiopia: A comparative cross sectional study. PLoS Neglected Tropical Diseases, 2017, 11, e0005388.	1.3	7
134	Photometric Compliance of Tablet Screens and Retro-Illuminated Acuity Charts As Visual Acuity Measurement Devices. PLoS ONE, 2016, 11, e0150676.	1.1	18

#	Article	IF	Citations
135	Effective cataract surgical coverage: An indicator for measuring quality-of-care in the context of Universal Health Coverage. PLoS ONE, 2017, 12, e0172342.	1.1	70
136	A new visual acuity test on touchpad for vision screening in children. International Journal of Ophthalmology, 2020, 13, 1436-1442.	0.5	3
137	Investigating Software Requirements for Systems Supporting Task-Shifted Interventions: Usability Study. Journal of Medical Internet Research, 2019, 21, e11346.	2.1	9
138	Validation of an Independent Web-Based Tool for Measuring Visual Acuity and Refractive Error (the) Tj ETQq1 1 0.784314 rgBT /Overlo Trial.. Journal of Medical Internet Research, 2019, 21, e14808.	2.1	36
139	Smartphone-Guided Algorithms for Use by Community Volunteers to Screen and Refer People With Eye Problems in Trans Nzoia County, Kenya: Development and Validation Study. JMIR MHealth and UHealth, 2020, 8, e16345.	1.8	9
140	Acceptability, Usability, and Views on Deployment of Peek, a Mobile Phone mHealth Intervention for Eye Care in Kenya: Qualitative Study. JMIR MHealth and UHealth, 2016, 4, e30.	1.8	75
141	Does the EyeChart App for iPhones Give Comparable Measurements to Traditional Visual Acuity Charts?. British and Irish Orthoptic Journal, 2020, 16, 19-24.	0.1	10
142	Rapid assessment of avoidable blindness for health service planning. Bulletin of the World Health Organization, 2018, 96, 726-728.	1.5	16
143	Hearing and vision screening for preschool children using mobile technology, South Africa. Bulletin of the World Health Organization, 2019, 97, 672-680.	1.5	39
144	Trials and Tribulations of Collecting Evidence on Effectiveness in Disability-Inclusive Development: A Narrative Review. Sustainability, 2020, 12, 7823.	1.6	9
145	Telemedicine in diabetic retinopathy: Access to rural India. Indian Journal of Ophthalmology, 2016, 64, 84.	0.5	24
146	Mediosâ€“ An offline, smartphone-based artificial intelligence algorithm for the diagnosis of diabetic retinopathy. Indian Journal of Ophthalmology, 2020, 68, 391.	0.5	32
147	Designing a screening program for prevention of avoidable blindness in Iran through a participatory action approach. Journal of Ophthalmic and Vision Research, 2019, 14, 52.	0.7	6
148	Effect of Door-to-Door Screening and Awareness Generation Activities in the Catchment Areas of Vision Centers on Service Use: Protocol for a Randomized Experimental Study. JMIR Research Protocols, 2021, 10, e31951.	0.5	2
149	The Gambia National Eye Health Survey 2019: survey protocol. Wellcome Open Research, 0, 6, 10.	0.9	7
150	Current Challenges Supporting School-Aged Children with Vision Problems: A Rapid Review. Applied Sciences (Switzerland), 2021, 11, 9673.	1.3	10
151	What are Your Eyes Revealing? The Contemporary Bedside Neuro-Ophthalmological Examination. The Malaysian Journal of Medical Sciences, 2021, 28, 142-148.	0.3	0
152	Selective laser trabeculoplasty versus 0Â·5% timolol eye drops for the treatment of glaucoma in Tanzania: a randomised controlled trial. The Lancet Global Health, 2021, 9, e1589-e1599.	2.9	24

#	Article	IF	Citations
153	Rate of Strabismus Detection on Digital Photographs Increases by Using Off-center Near Target. Journal of Pediatric Ophthalmology and Strabismus, 2017, 54, 90-96.	0.3	4
154	Apps and Social Networking Pages for Basic Workup. Current Practices in Ophthalmology, 2018, , 5-39.	0.1	0
155	Technology and Innovation for Eye Care. Essentials in Ophthalmology, 2019, , 57-68.	0.0	0
156	Innovative Approaches in the Delivery of Eye Care: Cataract. Essentials in Ophthalmology, 2019, , 107-125.	0.0	1
157	Validation of Vis-Screen Mobile Application for Easy Vision Test by General Public: A pilot study. Environment-Behaviour Proceedings Journal, 2019, 4, 173.	0.1	1
158	Effect of repeated epilation for minor trachomatous trichiasis on lash burden, phenotype and surgical management willingness: A cohort study. PLoS Neglected Tropical Diseases, 2020, 14, e0008882.	1.3	5
160	Smartphone-Based Data Collection in Ophthalmology. Klinische Monatsblatter Fur Augenheilkunde, 2020, 237, 1420-1428.	0.3	0
161	Use of Mobile Apps for Visual Acuity Assessment: Systematic Review and Meta-analysis. JMIR MHealth and UHealth, 2022, 10, e26275.	1.8	8
162	Perspectives of working-age adults with aphasia regarding social participation. African Journal of Disability, 2020, 9, 713.	0.7	7
164	A Pilot Study on the Validation of Vis-Screen Mobile Application for Vision Test. Journal of ASIAN Behavioural Studies, 2020, 5, 1-16.	0.2	1
165	Peek Acuity vs Snellen Chart for visual impairment screening in leprosy: a cross-sectional study. Leprosy Review, 2020, 91, 262-273.	0.1	2
166	Using mHealth to improve eye care in remote areas of Iran. Community Eye Health Journal, 2019, 32, 65-66.	0.4	0
167	Ebola and the eye. Community Eye Health Journal, 2020, 33, 81-82.	0.4	0
168	Cluster-randomised trial of community-based screening for eye disease in adults in Nepal: the Village-Integrated Eye Worker Trial II (VIEW II) trial protocol. BMJ Open, 2020, 10, e040219.	0.8	0
169	ValidaÃ§Ã£o de aplicativos no contexto da saÃºde: revisÃ£o integrativa. Research, Society and Development, 2021, 10, e201101522847.	0.0	1
170	Cluster-randomised trial of community-based screening for eye disease in adults in Nepal: the Village-Integrated Eye Worker Trial II (VIEW II) trial protocol. BMJ Open, 2020, 10, e040219.	0.8	2
171	Digital Applications for Eye-Health Screening of Children: Challenges, Opportunities and Solutions. , 2021, , .		0
172	Comparison of visual acuity measured by ETDRS based smart phone applications I sight pro and Peek acuity versus traditional Snellen's chart visual acuity in children 6-14 years in a tertiary care institute in India. Indian Journal of Clinical and Experimental Ophthalmology, 2022, 7, 634-637.	0.1	1

#	Article	IF	Citations
173	Prevalence and characteristics of hearing and vision loss in preschool children from low income South African communities: results of a screening program of 10,390 children. BMC Pediatrics, 2022, 22, 22.	0.7	4
174	Delivering Refractive Care to Populations With Near and Distance Vision Impairment: 2 Novel Social Enterprise Models. Asia-Pacific Journal of Ophthalmology, 2022, 11, 59-65.	1.3	2
175	Development of a Spatio-temporal Contrast Sensitivity Test for Clinical Use. Journal of Ophthalmic and Vision Research, 2022, 17, 69-77.	0.7	0
176	Telemedicine Curriculum in an Ophthalmology Residency Program. Journal of Academic Ophthalmology (2017), 2022, 14, e93-e102.	0.2	3
177	Validation of Home Visual Acuity Tests for Telehealth in the COVID-19 Era. JAMA Ophthalmology, 2022, 140, 465.	1.4	15
178	Analysis of the Reliability and Repeatability of Distance Visual Acuity Measurement with EyeSpy 20/20. Clinical Ophthalmology, 2022, Volume 16, 1099-1108.	0.9	1
179	The Contribution of Artificial Intelligence in Achieving the Sustainable Development Goals (SDGs): What Can Eye Health Can Learn From Commercial Industry and Early Lessons From the Application of Machine Learning in Eye Health Programmes. Frontiers in Public Health, 2021, 9, 752049.	1.3	3
180	Topical Chlorhexidine 0.2% versus Topical Natamycin 5% for the Treatment of Fungal Keratitis in Nepal. Ophthalmology, 2022, 129, 530-541.	2.5	8
181	Prevalence of blindness and distance vision impairment in the Gambia across three decades of eye health programming. British Journal of Ophthalmology, 2023, 107, 876-882.	2.1	4
182	Development and validation of a new method for visual acuity assesment on tablet in pediatric population: eMOVA test. BMC Ophthalmology, 2022, 22, 180.	0.6	0
183	Comparison of smartphone application-based visual acuity with traditional visual acuity chart for use in tele-ophthalmology. Taiwan Journal of Ophthalmology, 2022, 12, 155.	0.3	4
184	Prevalence and Causes of Avoidable Blindness in Subjects Over 50 Years of Age in Honduras. Journal of Ophthalmic and Vision Research, 0, , .	0.7	0
185	Sociodemographic characteristics of community eye screening participants: protocol for cross-sectional equity analyses in Botswana, Kenya, and Nepal. Wellcome Open Research, 0, 7, 144.	0.9	1
186	Feasibility study for measuring patients' visual acuity at home by their caregivers. Indian Journal of Ophthalmology, 2022, 70, 2125.	0.5	2
187	Technology Considerations for Implementing an Eye Telehealth Program. , 2023, , 145-173.		0
188	A method for measuring intraocular pressure using artificial intelligence technology and fixed-force applanation tonometry. Rossiiskii Oftal'mologicheskii Zhurnal, 2022, 15, 49-56.	0.1	2
189	Improving equity, efficiency and adherence to referral in Pakistan's eye health programmes: Pre- and post-pandemic onset. Frontiers in Public Health, 0, 10, .	1.3	2
190	â€œSmart Optometryâ€•phone-based application as a visual acuity testing tool among pediatric population. Journal of King Abdulaziz University, Islamic Economics, 2022, 43, 946-953.	0.5	2

#	Article	IF	Citations
191	Dual Band Computational Infrared Spectroscopy via Large Aperture Meta-Optics. ACS Photonics, 0, , .	3.2	5
192	Development and Validation of a New Design Selfassessment logMAR Visual Acuity Test (â€œChudjaneâ€) Tj ETQq1 1 0.784314 rgBT /O 590-599.	0.1	0
193	Door-to-door Screening as a New Model Augmenting School Eye Screening: Reaching Out to School Age Children in the Midst of a Pandemic. Ophthalmic Epidemiology, 0, , 1-9.	0.8	0
194	Ease and willingness to use Smartphone applications for visual acuity assessment among patients in Ahmadu Bello University Teaching Hospital, Zaria. Journal of the West African Colleges of Surgeons, 2021, 11, 13.	0.0	0
195	The Philippine Peso Bill as an Alternative Near Visual Acuity Chart in Filipino Eyes: A Pilot Study. Clinical Ophthalmology, 0, Volume 16, 3437-3445.	0.9	1
196	The effectiveness of using peek acuity in vision screening for the admission of elementary school students. Bali Medical Journal, 2022, 11, 671-675.	0.1	0
197	Optimal Typeface and Type Size on Thai Drug Labeling and Drug Documentation: A Recommendation for Legal Development. Archives of Design Research, 2022, 35, 49-71.	0.1	1
199	Validation of a novel iPhone application for evaluating near functional visual acuity. Scientific Reports, 2022, 12, .	1.6	0
200	Two-Stage U-Net for Optic Disc/Cup Segmentation. , 2022, , .		0
201	Development and Validation of a Digital (Peek) Near Visual Acuity Test for Clinical Practice, Community-Based Survey, and Research. Translational Vision Science and Technology, 2022, 11, 18.	1.1	5
202	Evaluation of a visual acuity eHealth tool in cataract patients. Journal of Cataract and Refractive Surgery, 2022, Publish Ahead of Print, .	0.7	1
203	The Accuracy of a Web-Based Visual Acuity Self-assessment Tool Performed Independently by Eye Care Patients at Home: Method Comparison Study. JMIR Formative Research, 0, 7, e41045.	0.7	7
204	Differentiating stages of functional vision loss from glaucoma using the Disc Damage Likelihood Scale and cup:disc ratio. British Journal of Ophthalmology, 2024, 108, 349-356.	2.1	0
205	A comparative study on peek (Smartphone based) Visual acuity test and LogMAR visual acuity test. TNOA Journal of Ophthalmic Science and Research, 2023, 61, 94.	0.0	1
206	Validation of a multipleâ€'lead smartphone-based electrocardiograph with automated lead placement for layman use in patients with hypertrophic cardiomyopathy. Journal of Electrocardiology, 2023, 79, 1-7.	0.4	0
207	The evaluation of an online nurseâ€assisted eyeâ€screening tool in older adults receiving home healthcare. Ophthalmic and Physiological Optics, 2023, 43, 725-737.	1.0	1
208	Home-based screening tools for amblyopia: a systematic review. Eye, 0, , .	1.1	0
209	Validation of a web-based distance visual acuity test. Journal of Cataract and Refractive Surgery, 2023, 49, 666-671.	0.7	2

#	Article	IF	Citations
210	Socioeconomic position and eye health outcomes: identifying inequality in rapid population-based surveys. BMJ Open, 2023, 13, e069325.	0.8	1
211	Combined hearing and vision screening programs: A scoping review. Frontiers in Public Health, 0, 11, .	1.3	4
212	Design and Validation of a Novel Smartphone-Based Visual Acuity Test: The K-VA Test. Ophthalmology and Therapy, 0, , .	1.0	2
220	Smartphone Technology for Teleophthalmology. , 2023, , 37-53.		0