Matthew J Burton

List of Publications by Year
in descending order

260	8,508	57631	79541
papers	citations	44 h-index	73 g-index

273	273	273	5797
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Lancet Global Health Commission on Global Eye Health: vision beyond 2020. The Lancet Global Health, 2021, 9, e489-e551.	2.9	549
2	Diabetes in sub-Saharan Africa: from clinical care to health policy. Lancet Diabetes and Endocrinology,the, 2017, 5, 622-667.	5.5	328
3	Trachoma. Lancet, The, 2014, 384, 2142-2152.	6.3	289
4	Development and Validation of a Smartphone-Based Visual Acuity Test (Peek Acuity) for Clinical Practice and Community-Based Fieldwork. JAMA Ophthalmology, 2015, 133, 930.	1.4	245
5	Strategies for control of trachoma: observational study with quantitative PCR. Lancet, The, 2003, 362, 198-204.	6.3	216
6	The Global Burden of Trachoma: A Review. PLoS Neglected Tropical Diseases, 2009, 3, e460.	1.3	185
7	The global incidence and diagnosis of fungal keratitis. Lancet Infectious Diseases, The, 2021, 21, e49-e57.	4.6	172
8	A global review of publicly available datasets for ophthalmological imaging: barriers to access, usability, and generalisability. The Lancet Digital Health, 2021, 3, e51-e66.	5.9	153
9	Epidemiology of ocular surface squamous neoplasia in <scp>A</scp>frica. Tropical Medicine and International Health, 2013, 18, 1424-1443.	1.0	152
10	The conjunctival microbiome in health and trachomatous disease: a case control study. Genome Medicine, 2014, 6, 99.	3.6	144
11	Re-emergence of Chlamydia trachomatis infection after mass antibiotic treatment of a trachoma-endemic Gambian community: a longitudinal study. Lancet, The, 2005, 365, 1321-1328.	6.3	134
12	Epidemiology and control of trachoma: systematic review. Tropical Medicine and International Health, 2010, 15, 673-691.	1.0	134
13	Which Members of a Community Need Antibiotics to Control Trachoma? ConjunctivalChlamydia trachomatisInfection Load in Gambian Villages. , 2003, 44, 4215.		124
14	Clinical Validation of a Smartphone-Based Adapter for Optic Disc Imaging in Kenya. JAMA Ophthalmology, 2016, 134, 151.	1.4	117
15	Trachoma: Protective and Pathogenic Ocular Immune Responses to Chlamydia trachomatis. PLoS Neglected Tropical Diseases, 2013, 7, e2020.	1.3	111
16	Comprehensive global genome dynamics of Chlamydia trachomatis show ancient diversification followed by contemporary mixing and recent lineage expansion. Genome Research, 2017, 27, 1220-1229.	2.4	106
17	A randomised controlled trial of azithromycin following surgery for trachomatous trichiasis in the Gambia. British Journal of Ophthalmology, 2005, 89, 1282-1288.	2.1	102
18	Pathophysiology of ocular surface squamous neoplasia. Experimental Eye Research, 2014, 129, 172-182.	1.2	94

#	Article	IF	Citations
19	The Development of an Age-Structured Model for Trachoma Transmission Dynamics, Pathogenesis and Control. PLoS Neglected Tropical Diseases, 2009, 3, e462.	1.3	89
20	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
21	The SAFE stragety for trachoma control: using operational research for policy, planning and implementation. Bulletin of the World Health Organization, 2006, 84, 613-619.	1.5	83
22	Microbial Keratitis in East Africa: Why are the Outcomes so Poor?. Ophthalmic Epidemiology, 2011, 18, 158-163.	0.8	79
23	Cytokine and Fibrogenic Gene Expression in the Conjunctivas of Subjects from a Gambian Community Where Trachoma Is Endemic. Infection and Immunity, 2004, 72, 7352-7356.	1.0	78
24	A Global Assessment of Eye Health and Quality of Life. JAMA Ophthalmology, 2021, 139, 526.	1.4	78
25	Prospective Study of the Diagnostic Accuracy of the InÂVivo Laser Scanning Confocal Microscope for Severe Microbial Keratitis. Ophthalmology, 2016, 123, 2285-2293.	2.5	77
26	Trachoma: an overview. British Medical Bulletin, 2007, 84, 99-116.	2.7	71
27	Global economic productivity losses from vision impairment and blindness. EClinicalMedicine, 2021, 35, 100852.	3.2	71
28	Epidemiology, risk factors, and clinical outcomes in severe microbial keratitis in South India. Ophthalmic Epidemiology, 2018, 25, 297-305.	0.8	70
29	Altered Patterns of Fungal Keratitis at a London Ophthalmic Referral Hospital: An Eight-Year Retrospective Observational Study. American Journal of Ophthalmology, 2016, 168, 227-236.	1.7	69
30	What Is Causing Active Trachoma? The Role of Nonchlamydial Bacterial Pathogens in a Low Prevalence Setting. , 2011, 52, 6012.		67
31	Prevalence, Risk Factors, and Complications of Diabetes in the Kilimanjaro Region: A Population-Based Study from Tanzania. PLoS ONE, 2016, 11, e0164428.	1.1	66
32	Risk of trachomatous scarring and trichiasis in Gambians varies with SNP haplotypes at the interferon-gamma and interleukin-10 loci. Genes and Immunity, 2005, 6, 332-340.	2.2	65
33	Trachomatous Trichiasis and its Management in Endemic Countries. Survey of Ophthalmology, 2012, 57, 105-135.	1.7	62
34	The Relationship between Active Trachoma and Ocular Chlamydia trachomatis Infection before and after Mass Antibiotic Treatment. PLoS Neglected Tropical Diseases, 2016, 10, e0005080.	1.3	60
35	Conjunctival Transcriptome in Scarring Trachoma. Infection and Immunity, 2011, 79, 499-511.	1.0	59
36	Association between vision impairment and mortality: a systematic review and meta-analysis. The Lancet Global Health, 2021, 9, e418-e430.	2.9	59

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37	Long term outcome of trichiasis surgery in the Gambia. British Journal of Ophthalmology, 2005, 89, 575-579.	2.1	58
38	Human Conjunctival Transcriptome Analysis Reveals the Prominence of Innate Defense inChlamydia trachomatisInfection. Infection and Immunity, 2010, 78, 4895-4911.	1.0	58
39	Profound and Sustained Reduction in Chlamydia trachomatis in The Gambia: A Five-Year Longitudinal Study of Trachoma Endemic Communities. PLoS Neglected Tropical Diseases, 2010, 4, e835.	1.3	56
40	Clinical Presentation of Ocular Surface Squamous Neoplasia in Kenya. JAMA Ophthalmology, 2015, 133, 1305.	1.4	55
41	A coding polymorphism in matrix metalloproteinase 9 reduces risk of scarring sequelae of ocular Chlamydia trachomatisinfection. BMC Medical Genetics, 2006, 7, 40.	2.1	54
42	Trachoma and Relative Poverty: A Case-Control Study. PLoS Neglected Tropical Diseases, 2015, 9, e0004228.	1.3	54
43	Towards a safe and effective chlamydial vaccine: Lessons from the eye. Vaccine, 2014, 32, 1572-1578.	1.7	53
44	Pathogenesis of Progressive Scarring Trachoma in Ethiopia and Tanzania and Its Implications for Disease Control: Two Cohort Studies. PLoS Neglected Tropical Diseases, 2015, 9, e0003763.	1.3	52
45	Infectious corneal ulceration: a proposal for neglected tropical disease status. Bulletin of the World Health Organization, 2019, 97, 854-856.	1.5	52
46	In vivo confocal microscopy appearance ofFusariumandAspergillusspecies in fungal keratitis. British Journal of Ophthalmology, 2017, 101, 1119-1123.	2.1	49
47	Mycotic Keratitisâ€"A Global Threat from the Filamentous Fungi. Journal of Fungi (Basel, Switzerland), 2021, 7, 273.	1.5	49
48	Bacterial Infection in Scarring Trachoma. , 2011, 52, 2181.		48
49	Epilepsy in Tanzanian children: Association with perinatal events and other risk factors. Epilepsia, 2012, 53, 752-760.	2.6	48
50	The Long-Term Natural History of Trachomatous Trichiasis in The Gambia. , 2006, 47, 847.		47
51	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
52	Blinding Trachoma: Systematic Review of Rates and Risk Factors for Progressive Disease. PLoS Neglected Tropical Diseases, 2016, 10, e0004859.	1.3	46
53	Active Trachoma Is Associated with Increased Conjunctival Expression ofIL17Aand Profibrotic Cytokines. Infection and Immunity, 2011, 79, 4977-4983.	1.0	44
54	Conjunctival MicroRNA Expression in Inflammatory Trachomatous Scarring. PLoS Neglected Tropical Diseases, 2013, 7, e2117.	1.3	44

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55	Estimating Household and Community Transmission of Ocular Chlamydia trachomatis. PLoS Neglected Tropical Diseases, 2009, 3, e401.	1.3	42
56	Absorbable Versus Silk Sutures for Surgical Treatment of Trachomatous Trichiasis in Ethiopia: A Randomised Controlled Trial. PLoS Medicine, 2011, 8, e1001137.	3.9	41
57	Inverse relationship between microRNA-155 and -184 expression with increasing conjunctival inflammation during ocular Chlamydia trachomatis infection. BMC Infectious Diseases, 2015, 16, 60.	1.3	41
58	A smartphone based ophthalmoscope. , 2014, 2014, 2177-80.		40
59	InÂVivo Confocal Microscopy Cellular Features of Host and Organism in Bacterial, Fungal, and A canthamoeba Keratitis. American Journal of Ophthalmology, 2018, 190, 24-33.	1.7	38
60	Announcing The Lancet Global Health Commission on Global Eye Health. The Lancet Global Health, 2019, 7, e1612-e1613.	2.9	38
61	Diagnosing Ocular Surface Squamous Neoplasia in East Africa. Ophthalmology, 2014, 121, 484-491.	2.5	37
62	Conjunctival Expression of Matrix Metalloproteinase and Proinflammatory Cytokine Genes after Trichiasis Surgery. , 2010, 51, 3583.		35
63	Innate Immune Responses and Modified Extracellular Matrix Regulation Characterize Bacterial Infection and Cellular/Connective Tissue Changes in Scarring Trachoma. Infection and Immunity, 2012, 80, 121-130.	1.0	35
64	Doxycycline Prevents Matrix Remodeling and Contraction by Trichiasis-Derived Conjunctival Fibroblasts. , 2013, 54, 4675.		35
65	Interventions for trachoma trichiasis. The Cochrane Library, 2016, 2016, CD004008.	1.5	35
66	Persistence of Innate Immune Pathways in Late Stage Human Bacterial and Fungal Keratitis: Results from a Comparative Transcriptome Analysis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 193.	1.8	35
67	Trichiasis Surgery in The Gambia: A 4-Year Prospective Study. , 2010, 51, 4996.		34
68	Rapid Assessment of Avoidable Blindness: looking back, looking forward. British Journal of Ophthalmology, 2019, 103, 1549-1552.	2.1	34
69	Bacterial Infection and Trachoma in The Gambia: A Caseâ€“Control Study. , 2007, 48, 4440.		33
70	Why Do People Not Attend for Treatment for Trachomatous Trichiasis in Ethiopia? A Study of Barriers to Surgery. PLoS Neglected Tropical Diseases, 2012, 6, e1766.	1.3	32
71	Detecting extra-ocular Chlamydia trachomatisÂin a trachoma-endemic community in Ethiopia: Identifying potential routes of transmission. PLoS Neglected Tropical Diseases, 2020, 14, e0008120.	1.3	32
72	The Clinical Phenotype of Trachomatous Trichiasis in Ethiopia: Not All Trichiasis Is Due to Entropion. , 2011, 52, 7974.		30

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73	Surgery Versus Epilation for the Treatment of Minor Trichiasis in Ethiopia: A Randomised Controlled Noninferiority Trial. PLoS Medicine, 2011, 8, e1001136.	3.9	30
74	Diabetic retinopathy in Tanzania: prevalence and risk factors at entry into a regional screening programme. Tropical Medicine and International Health, 2016, 21, 417-426.	1.0	30
75	Effective refractive error coverage: an eye health indicator to measure progress towards universal health coverage. Ophthalmic and Physiological Optics, 2020, 40, 1-5.	1.0	30
76	Chlamydia trachomatis ompA Variants in Trachoma: What Do They Tell Us?. PLoS Neglected Tropical Diseases, 2008, 2, e306.	1.3	30
77	Conjunctival Chlamydial 16S Ribosomal RNA Expression in Trachoma: Is Chlamydial Metabolic Activity Required for Disease to Develop?. Clinical Infectious Diseases, 2006, 42, 463-470.	2.9	29
78	When Can Antibiotic Treatments for Trachoma Be Discontinued? Graduating Communities in Three African Countries. PLoS Neglected Tropical Diseases, 2009, 3, e458.	1.3	29
79	Behavioural comorbidity in Tanzanian children with epilepsy: a community-based case-control study. Developmental Medicine and Child Neurology, 2011, 53, 1135-1142.	1.1	29
80	Clearing the Backlog: Trichiasis Surgeon Retention and Productivity in Northern Ethiopia. PLoS Neglected Tropical Diseases, 2011, 5, e1014.	1.3	29
81	Topical fluorouracil after surgery for ocular surface squamous neoplasia in Kenya: a randomised, double-blind, placebo-controlled trial. The Lancet Global Health, 2016, 4, e378-e385.	2.9	29
82	Risk factors for ocular surface squamous neoplasia in Kenya: a caseâ€“control study. Tropical Medicine and International Health, 2016, 21, 1522-1530.	1.0	29
83	Clinical signs of trachoma are prevalent among Solomon Islanders who have no persistent markers of prior infection with Chlamydia trachomatis. Wellcome Open Research, 2018, 3, 14.	0.9	29
84	The prevalence of cataract in two villages of Northern Pakistan with different levels of ultraviolet radiation. Eye, 1997, 11, 95-101.	1.1	28
85	Fibroblasts profiling in scarring trachoma identifies IL-6 as a functional component of a fibroblast-macrophage pro-fibrotic and pro-inflammatory feedback loop. Scientific Reports, 2016, 6, 28261.	1.6	27
86	The incidence of diabetes mellitus and diabetic retinopathy in a population-based cohort study of people age 50Âyears and over in Nakuru, Kenya. BMC Endocrine Disorders, 2017, 17, 19.	0.9	27
87	Keeping an eye on eye care: monitoring progress towards effective coverage. The Lancet Global Health, 2021, 9, e1460-e1464.	2.9	27
88	Pathway-Focused Arrays Reveal Increased Matrix Metalloproteinase-7 (Matrilysin) Transcription in Trachomatous Trichiasis. , 2010, 51, 3893.		26
89	Interventions for trachoma trichiasis. , 2006, , CD004008.		25
90	Epilation for Trachomatous Trichiasis and the Risk of Corneal Opacification. Ophthalmology, 2012, 119, 84-89.	2.5	25

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91	Posterior segment eye disease in subâ€‹<scp>S</scp>aharan <scp>A</scp>frica: review of recent populationâ€‹based studies. Tropical Medicine and International Health, 2014, 19, 600-609.	1.0	25
92	Antibiotic Dosage in Trachoma Control Programs: Height as a Surrogate for Weight in Children. , 2003, 44, 1464.		24
93	In Vitro Activity of Chlorhexidine Compared with Seven Antifungal Agents against 98 Fusarium Isolates Recovered from Fungal Keratitis Patients. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	24
94	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
95	The economics of vision impairment and its leading causes: A systematic review. EClinicalMedicine, 2022, 46, 101354.	3.2	24
96	Innate immunity in ocular Chlamydia trachomatis infection: contribution of IL8 and CSF2 gene variants to risk of trachomatous scarring in Gambians. BMC Medical Genetics, 2009, 10, 138.	2.1	23
97	In Vivo Confocal Microscopy in Scarring Trachoma. Ophthalmology, 2011, 118, 2138-2146.	2.5	23
98	The Nakuru eye disease cohort study: methodology & rationale. BMC Ophthalmology, 2014, 14, 60.	0.6	23
99	Targeting Antibiotics to Households for Trachoma Control. PLoS Neglected Tropical Diseases, 2010, 4, e862.	1.3	22
100	Cataract surgery in Southern Ethiopia: distribution, rates and determinants of service provision. BMC Health Services Research, 2013, 13, 480.	0.9	22
101	The Outcome of Trachomatous Trichiasis Surgery in Ethiopia: Risk Factors for Recurrence. PLoS Neglected Tropical Diseases, 2013, 7, e2392.	1.3	22
102	Reduced-cost Chlamydia trachomatis -specific multiplex real-time PCR diagnostic assay evaluated for ocular swabs and use by trachoma research programmes. Journal of Microbiological Methods, 2017, 139, 95-102.	0.7	22
103	Intense Simulation-Based Surgical Education for Manual Small-Incision Cataract Surgery. JAMA Ophthalmology, 2021, 139, 9.	1.4	22
104	Prevention, treatment and rehabilitation. Community Eye Health Journal, 2009, 22, 33-5.	0.4	22
105	Co-morbidity of epilepsy in Tanzanian children: A community-based caseâ€“control study. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 169-174.	0.9	21
106	Differential frequency of NKG2C/KLRC2 deletion in distinct African populations and susceptibility to Trachoma: a new method for imputation of KLRC2 genotypes from SNP genotyping data. Human Genetics, 2016, 135, 939-951.	1.8	21
107	Predictors of Trachomatous Trichiasis Surgery Outcome. Ophthalmology, 2017, 124, 1143-1155.	2.5	21
108	Chlamydial Positivity of Nasal Discharge at Baseline Is Associated with Ocular Chlamydial Positivity 2 Months following Azithromycin Treatment. , 2006, 47, 4767.		20

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109	In Vivo Confocal Microscopy of Trachoma in Relation to Normal Tarsal Conjunctiva. Ophthalmology, 2011, 118, 747-754.	2.5	20
110	Post-Operative Recurrent Trachomatous Trichiasis Is Associated with Increased Conjunctival Expression of S100A7 (Psoriasin). PLoS Neglected Tropical Diseases, 2012, 6, e1985.	1.3	20
111	Toluidine Blue 0.05% Vital Staining for the Diagnosis of Ocular Surface Squamous Neoplasia in Kenya. JAMA Ophthalmology, 2015, 133, 1314.	1.4	20
112	Enhanced antibiotic distribution strategies and the potential impact of facial cleanliness and environmental improvements for the sustained control of trachoma: a modelling study. BMC Medicine, 2016, 14, 71.	2.3	20
113	Development and Validation of a Smartphone-based Contrast Sensitivity Test. Translational Vision Science and Technology, 2019, 8, 13.	1.1	20
114	Eye health and quality of life: an umbrella review protocol. BMJ Open, 2020, 10, e037648.	0.8	20
115	In Vitro Topical Delivery of Chlorhexidine to the Cornea: Enhancement Using Drug-Loaded Contact Lenses and Î²-Cyclodextrin Complexation, and the Importance of Simulating Tear Irrigation. Molecular Pharmaceutics, 2020, 17, 1428-1441.	2.3	20
116	Conjunctival Scarring in Trachoma Is Associated with the HLA-C Ligand of KIR and Is Exacerbated by Heterozygosity at KIR2DL2/KIR2DL3. PLoS Neglected Tropical Diseases, 2014, 8, e2744.	1.3	19
117	Immunofibrogenic Gene Expression Patterns in Tanzanian Children with Ocular Chlamydia trachomatis Infection, Active Trachoma and Scarring: Baseline Results of a 4-Year Longitudinal Study. Frontiers in Cellular and Infection Microbiology, 2017, 7, 406.	1.8	19
118	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
119	Severity of Visual Field Loss at First Presentation to Glaucoma Clinics in England and Tanzania. Ophthalmic Epidemiology, 2020, 27, 10-18.	0.8	19
120	Ocular Chlamydia trachomatis infection, anti-Pgp3 antibodies and conjunctival scarring in Vanuatu and Tarawa, Kiribati before antibiotic treatment for trachoma. Journal of Infection, 2020, 80, 454-461.	1.7	19
121	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
122	Grand Challenges in global eye health: a global prioritisation process using Delphi method. The Lancet Healthy Longevity, 2022, 3, e31-e41.	2.0	19
123	Advancing the Sustainable Development Goals through improving eye health: a scoping review. Lancet Planetary Health, The, 2022, 6, e270-e280.	5.1	19
124	The Impact of Trachomatous Trichiasis on Quality of Life: A Case Control Study. PLoS Neglected Tropical Diseases, 2015, 9, e0004254.	1.3	18
125	The Arclight Ophthalmoscope: A Reliable Low-Cost Alternative to the Standard Direct Ophthalmoscope. Journal of Ophthalmology, 2015, 2015, 1-6.	0.6	18
126	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

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127	Ophthalmic Simulated Surgical Competency Assessment Rubric for manual small-incision cataract surgery. Journal of Cataract and Refractive Surgery, 2019, 45, 1252-1257.	0.7	18
128	Viability PCR shows that non-ocular surfaces could contribute to transmission of Chlamydia trachomatisÂinfection in trachoma. PLoS Neglected Tropical Diseases, 2020, 14, e0008449.	1.3	18
129	Validation of handheld fundus camera with mydriasis for retinal imaging of diabetic retinopathy screening in China: a prospective comparison study. BMJ Open, 2020, 10, e040196.	0.8	18
130	Using a Nonparametric Multilevel Latent Markov Model to Evaluate Diagnostics for Trachoma. American Journal of Epidemiology, 2013, 177, 913-922.	1.6	17
131	Epilation for Minor Trachomatous Trichiasis: Four-Year Results of a Randomised Controlled Trial. PLoS Neglected Tropical Diseases, 2015, 9, e0003558.	1.3	16
132	What are the priorities for improving cataract surgical outcomes in Africa? Results of a Delphi exercise. International Ophthalmology, 2018, 38, 1409-1414.	0.6	16
133	Progression of scarring trachoma in Tanzanian children: A four-year cohort study. PLoS Neglected Tropical Diseases, 2019, 13, e0007638.	1.3	16
134	Rapid assessment of avoidable blindness for health service planning. Bulletin of the World Health Organization, 2018, 96, 726-728.	1.5	16
135	The Lancet Global Health Commission on global eye health: Vision beyond 2020. , 0, 1, 16-18.		16
136	Retinopathy in Gambian Children Admitted to Hospital with Malaria. Tropical Doctor, 2004, 34, 214-218.	0.2	15
137	In vivo confocal microscopy and histopathology of the conjunctiva in trachomatous scarring and normal tissue: a systematic comparison. British Journal of Ophthalmology, 2013, 97, 1333-1337.	2.1	15
138	Impact of Trichiasis Surgery on Quality of Life: A Longitudinal Study in Ethiopia. PLoS Neglected Tropical Diseases, 2016, 10, e0004627.	1.3	15
139	Non-Chlamydial Bacterial Infection and Progression of Conjunctival Scarring in Trachoma. , 2018, 59, 2339.		15
140	Delay Along the Care Seeking Journey of Patients with Microbial Keratitis in Uganda. Ophthalmic Epidemiology, 2019, 26, 311-320.	0.8	15
141	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
142	How can we improve the quality of cataract services for all? A global scoping review. Clinical and Experimental Ophthalmology, 2021, 49, 672-685.	1.3	15
143	Ophthalmology training in sub-Saharan Africa: a scoping review. Eye, 2021, 35, 1066-1083.	1.1	15
144	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

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145	Conjunctival Microbiome-Host Responses Are Associated With Impaired Epithelial Cell Health in Both Early and Late Stages of Trachoma. Frontiers in Cellular and Infection Microbiology, 2019, 9, 297.	1.8	14
146	Primary Eye Care in Eastern Nepal. Ophthalmic Epidemiology, 2020, 27, 165-176.	0.8	14
147	Immunohistochemical Analysis of Scarring Trachoma Indicates Infiltration by Natural Killer and Undefined CD45 Negative Cells. PLoS Neglected Tropical Diseases, 2016, 10, e0004734.	1.3	14
148	Selective hypertrophy of the cauda equina nerve roots. Journal of Neurology, 2002, 249, 337-340.	1.8	13
149	The impact of microbial keratitis on quality of life in Uganda. BMJ Open Ophthalmology, 2019, 4, e000351.	0.8	13
150	Ophthalmic simulated surgical competency assessment rubric (Sim-OSSCAR) for trabeculectomy. BMJ Open Ophthalmology, 2019, 4, e000313.	0.8	13
151	Red reflex examination in reproductive and child health clinics for early detection of paediatric cataract and ocular media disorders: cross-sectional diagnostic accuracy and feasibility studies from Kilimanjaro, Tanzania. Eye, 2021, 35, 1347-1353.	1.1	13
152	Eye care delivery models to improve access to eye care for Indigenous peoples in high-income countries: a scoping review. BMJ Global Health, 2021, 6, e004484.	2.0	13
153	Six-Year Incidence of Blindness and Visual Impairment in Kenya: The Nakuru Eye Disease Cohort Study. , 2016, 57, 5974.		12
154	Six-Year Incidence and Progression of Age-Related Macular Degeneration in Kenya. JAMA Ophthalmology, 2017, 135, 631.	1.4	12
155	Epidemiology of Microbial Keratitis in Uganda: A Cohort Study. Ophthalmic Epidemiology, 2020, 27, 121-131.	0.8	12
156	Responses of the putative trachoma vector, Musca sorbens, to volatile semiochemicals from human faeces. PLoS Neglected Tropical Diseases, 2020, 14, e0007719.	1.3	12
157	Distinguishing fungal and bacterial keratitis on clinical signs. Community Eye Health Journal, 2015, 28, 6-7.	0.4	12
158	Azithromycin for the treatment and control of trachoma. Expert Opinion on Pharmacotherapy, 2002, 3, 113-120.	0.9	11
159	Conjunctival fibrosis and the innate barriers to Chlamydia trachomatis intracellular infection: a genome wide association study. Scientific Reports, 2015, 5, 17447.	1.6	11
160	Estimating the Future Impact of a Multi-Pronged Intervention Strategy on Ocular Disease Sequelae Caused by Trachoma: A Modeling Study. Ophthalmic Epidemiology, 2015, 22, 394-402.	0.8	11
161	Increased Epithelial Expression of CTGF and S100A7 with Elevated Subepithelial Expression of IL-1Î² in Trachomatous Trichiasis. PLoS Neglected Tropical Diseases, 2016, 10, e0004752.	1.3	11
162	Defining Ocular Surface Disease Activity and Damage Indices by an International Delphi Consultation. Ocular Surface, 2017, 15, 97-111.	2.2	11

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163	Ocular immune responses, Chlamydia trachomatis infection and clinical signs of trachoma before and after azithromycin mass drug administration in a treatment naÃ¯ve trachoma-endemic Tanzanian community. PLoS Neglected Tropical Diseases, 2019, 13, e0007559.	1.3	11
164	Incidence of Visually Impairing Cataracts Among Older Adults in Kenya. JAMA Network Open, 2019, 2, e196354.	2.8	11
165	Selecting behaviour change priorities for trachoma â€¯Fâ€™ and â€¯Eâ€™ interventions: AÂformative research study in Oromia, Ethiopia. PLoS Neglected Tropical Diseases, 2019, 13, e0007784.	1.3	11
166	Mortality during 6 years of follow-up in relation to visual impairment and eye disease: results from a population-based cohort study of people aged 50 years and above in Nakuru, Kenya. BMJ Open, 2019, 9, e029700.	0.8	11
167	Risk Factors of Microbial Keratitis in Uganda: A Case Control Study. Ophthalmic Epidemiology, 2020, 27, 98-104.	0.8	11
168	Estimating the global cost of vision impairment and its major causes: protocol for a systematic review. BMJ Open, 2020, 10, e036689.	0.8	11
169	Simulation-based surgical education for glaucoma versus conventional training alone: the GLAucoma Simulated Surgery (GLASS) trial. A multicentre, multicountry, randomised controlled, investigator-masked educational intervention efficacy trial in Kenya, South Africa, Tanzania, Uganda and Zimbabwe. British Journal of Ophthalmology, 2022, 106, 863-869.	2.1	11
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171	Ocular rhinosporidiosis mimicking conjunctival squamous papilloma in Kenya â€“ a case report. BMC Ophthalmology, 2014, 14, 45.	0.6	10
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