

Ecosse L Lamoureux

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

370 papers	12,790 citations	52 h-index	98 g-index
404 ext. papers	15,494 ext. citations	4.5 avg, IF	6.17 L-index

#	Paper	IF	Citations
370	Global prevalence and major risk factors of diabetic retinopathy. <i>Diabetes Care</i> , 2012 , 35, 556-64	14.6	2476
369	Development and Validation of a Deep Learning System for Diabetic Retinopathy and Related Eye Diseases Using Retinal Images From Multiethnic Populations With Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 2211-2223	27.4	838
368	A randomized controlled trial of corneal collagen cross-linking in progressive keratoconus: preliminary results. <i>Journal of Refractive Surgery</i> , 2008 , 24, S720-5	3.3	270
367	Methodology of the Singapore Indian Chinese Cohort (SICC) eye study: quantifying ethnic variations in the epidemiology of eye diseases in Asians. <i>Ophthalmic Epidemiology</i> , 2009 , 16, 325-36	1.9	269
366	The Impact of Vision Impairment Questionnaire: an evaluation of its measurement properties using Rasch analysis. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4732-41		163
365	Visual impairment, causes of vision loss, and falls: the singapore malay eye study. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 528-33		158
364	The determinants of participation in activities of daily living in people with impaired vision. <i>American Journal of Ophthalmology</i> , 2004 , 137, 265-70	4.9	158
363	Incidence and progression of diabetic retinopathy: a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 140-149	18.1	150
362	Impact of age related macular degeneration on quality of life. <i>British Journal of Ophthalmology</i> , 2006 , 90, 593-6	5.5	136
361	Remediating serious flaws in the National Eye Institute Visual Function Questionnaire. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 718-32	2.3	120
360	The effectiveness of low-vision rehabilitation on participation in daily living and quality of life. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 1476-82		118
359	The impact of vision impairment questionnaire: an assessment of its domain structure using confirmatory factor analysis and rasch analysis. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 1001-6		115
358	Prevalence and causes of visual impairment and blindness in an urban Indian population: the Singapore Indian Eye Study. <i>Ophthalmology</i> , 2011 , 118, 1798-804	7.3	109
357	Ageing effects on the attention demands of walking. <i>Human Movement Science</i> , 2002 , 21, 961-72	2.4	107
356	The psychometric validity of the NEI VFQ-25 for use in a low-vision population 2010 , 51, 2878-84		101
355	Visual impairment, age-related eye diseases, and cognitive function: the Singapore Malay Eye study. <i>JAMA Ophthalmology</i> , 2012 , 130, 895-900		89
354	The impact of cataract surgery on quality of life. <i>Current Opinion in Ophthalmology</i> , 2011 , 22, 19-27	5.1	88

353	Cost-effectiveness of a National Telemedicine Diabetic Retinopathy Screening Program in Singapore. <i>Ophthalmology</i> , 2016 , 123, 2571-2580	7.3	87
352	A head-to-head comparison of 16 cataract surgery outcome questionnaires. <i>Ophthalmology</i> , 2011 , 118, 2374-81	7.3	84
351	Differential association of serum lipids with diabetic retinopathy and diabetic macular edema 2011 , 52, 7464-9		84
350	Barriers to accessing low vision services. <i>Ophthalmic and Physiological Optics</i> , 2003 , 23, 321-7	4.1	83
349	The impact of diabetic retinopathy on participation in daily living. <i>JAMA Ophthalmology</i> , 2004 , 122, 84-8		82
348	An update on the molecular actions of fenofibrate and its clinical effects on diabetic retinopathy and other microvascular end points in patients with diabetes. <i>Diabetes</i> , 2013 , 62, 3968-75	0.9	81
347	The importance of rating scales in measuring patient-reported outcomes. <i>Health and Quality of Life Outcomes</i> , 2012 , 10, 80	3	81
346	Vision-specific distress and depressive symptoms in people with vision impairment 2010 , 51, 2891-6		76
345	Are obesity and anthropometry risk factors for diabetic retinopathy? The diabetes management project 2011 , 52, 4416-21		75
344	The Impact of Vision Impairment for Children (IVI_C): validation of a vision-specific pediatric quality-of-life questionnaire using Rasch analysis 2011 , 52, 1632-40		73
343	Retinal microvascular signs and risk of stroke: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Stroke</i> , 2012 , 43, 3245-51	6.7	73
342	Social and emotional impact of diabetic retinopathy: a review. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 27-38	2.4	70
341	Vision-specific quality-of-life research: a need to improve the quality. <i>American Journal of Ophthalmology</i> , 2011 , 151, 195-7.e2	4.9	69
340	Retinal ganglion cell neuronal damage in diabetes and diabetic retinopathy. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 243-50	2.4	68
339	Assessing participation in daily living and the effectiveness of rehabilitation in age related macular degeneration patients using the impact of vision impairment scale. <i>Ophthalmic Epidemiology</i> , 2008 , 15, 105-13	1.9	67
338	Artificial intelligence for teleophthalmology-based diabetic retinopathy screening in a national programme: an economic analysis modelling study. <i>The Lancet Digital Health</i> , 2020 , 2, e240-e249	14.4	65
337	Impact of the severity of distance and near-vision impairment on depression and vision-specific quality of life in older people living in residential care 2009 , 50, 4103-9		65
336	Myopia. <i>Nature Reviews Disease Primers</i> , 2020 , 6, 99	51.1	64

335	Singapore Malay Eye Study: rationale and methodology of 6-year follow-up study (SiMES-2). <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 557-68	2.4	64
334	The impact of diabetic retinopathy on quality of life: qualitative findings from an item bank development project. <i>Quality of Life Research</i> , 2012 , 21, 1771-82	3.7	64
333	Are myopic eyes less likely to have diabetic retinopathy?. <i>Ophthalmology</i> , 2010 , 117, 524-30	7.3	64
332	Associations between glaucomatous visual field loss and participation in activities of daily living. <i>Clinical and Experimental Ophthalmology</i> , 2003 , 31, 482-6	2.4	64
331	The effects of improved strength on obstacle negotiation in community-living older adults. <i>Gait and Posture</i> , 2003 , 17, 273-83	2.6	62
330	Prevalence and risk factors of diabetic retinopathy in migrant Indians in an urbanized society in Asia: the Singapore Indian eye study. <i>Ophthalmology</i> , 2012 , 119, 2119-24	7.3	61
329	Genome-wide association study for sight-threatening diabetic retinopathy reveals association with genetic variation near the GRB2 gene. <i>Diabetologia</i> , 2015 , 58, 2288-97	10.3	60
328	The impact of diabetic retinopathy and diabetic macular edema on health-related quality of life in type 1 and type 2 diabetes 2012 , 53, 677-84		59
327	The impact of vision impairment on vision-specific quality of life in Germany 2011 , 52, 3613-9		58
326	Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore 2018 , 59, 4603-4613		57
325	Distribution and determinants of choroidal thickness and volume using automated segmentation software in a population-based study. <i>American Journal of Ophthalmology</i> , 2015 , 159, 293-301.e3	4.9	55
324	The impact of diabetic retinopathy: understanding the patient's perspective. <i>British Journal of Ophthalmology</i> , 2011 , 95, 774-82	5.5	55
323	Smoking, socioeconomic factors, and age-related cataract: The Singapore Malay Eye study. <i>JAMA Ophthalmology</i> , 2010 , 128, 1029-35		55
322	Impact of diabetic retinopathy on vision-specific function. <i>Ophthalmology</i> , 2010 , 117, 757-65	7.3	53
321	Retinal vascular geometry in Asian persons with diabetes and retinopathy. <i>Journal of Diabetes Science and Technology</i> , 2012 , 6, 595-605	4.1	53
320	Ethnic Differences in the Prevalence and Risk Factors of Diabetic Retinopathy: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , 2018 , 125, 529-536	7.3	53
319	Association of Diabetic Macular Edema and Proliferative Diabetic Retinopathy With Cardiovascular Disease: A Systematic Review and Meta-analysis. <i>JAMA Ophthalmology</i> , 2017 , 135, 586-593	3.9	52
318	Prevalence and determinants of undiagnosed diabetic retinopathy and vision-threatening retinopathy in a multiethnic Asian cohort: the Singapore Epidemiology of Eye Diseases (SEED) study. <i>British Journal of Ophthalmology</i> , 2015 , 99, 1614-21	5.5	52

317	Measuring outcomes of cataract surgery using the Visual Function Index-14. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 1181-8	2.3	51
316	Systemic associations of dynamic retinal vessel analysis: a review of current literature. <i>Microcirculation</i> , 2013 , 20, 257-68	2.9	50
315	Singapore Indian Eye Study-2: methodology and impact of migration on systemic and eye outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 779-789	2.4	49
314	A single-nucleotide polymorphism in the MicroRNA-146a gene is associated with diabetic nephropathy and sight-threatening diabetic retinopathy in Caucasian patients. <i>Acta Diabetologica</i> , 2016 , 53, 643-50	3.9	49
313	An evaluation of the reliability and validity of the visual functioning questionnaire (VF-11) using Rasch analysis in an Asian population 2009 , 50, 2607-13		49
312	Rasch analysis of the quality of life and vision function questionnaire. <i>Optometry and Vision Science</i> , 2009 , 86, E836-44	2.1	47
311	Ancestry, Socioeconomic Status, and Age-Related Cataract in Asians: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology</i> , 2015 , 122, 2169-78	7.3	46
310	Defining the content for a new quality of life questionnaire for students with low vision (the Impact of Vision Impairment on Children: IVI_C). <i>Ophthalmic Epidemiology</i> , 2008 , 15, 114-20	1.9	46
309	Fractal analysis of the retinal vasculature and chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 2252-8	4.3	45
308	Vision impairment, ocular conditions, and vision-specific function: the Singapore Malay Eye Study. <i>Ophthalmology</i> , 2008 , 115, 1973-81	7.3	45
307	Association Between Diabetes-Related Eye Complications and Symptoms of Anxiety and Depression. <i>JAMA Ophthalmology</i> , 2016 , 134, 1007-14	3.9	45
306	The Association of Estimated Glomerular Filtration Rate With Diabetic Retinopathy and Macular Edema 2015 , 56, 4810-6		44
305	Vitreous biomarkers in diabetic retinopathy: a systematic review and meta-analysis. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 419-25	3.2	44
304	The impact of corrected and uncorrected refractive error on visual functioning: the Singapore Malay Eye Study 2009 , 50, 2614-20		44
303	Differential Association of Generalized and Abdominal Obesity With Diabetic Retinopathy in Asian Patients With Type 2 Diabetes. <i>JAMA Ophthalmology</i> , 2016 , 134, 251-7	3.9	43
302	Retinal vascular caliber and diabetes in a multiethnic Asian population. <i>Microcirculation</i> , 2009 , 16, 534-43	2.9	43
301	An evaluation of the 10-item vision core measure 1 (VCM1) scale (the Core Module of the Vision-Related Quality of Life scale) using Rasch analysis. <i>Ophthalmic Epidemiology</i> , 2008 , 15, 224-33	1.9	43
300	Rasch analysis of visual function and quality of life questionnaires. <i>Optometry and Vision Science</i> , 2009 , 86, 1160-8	2.1	42

299	Catquest questionnaire: re-validation in an Australian cataract population. <i>Clinical and Experimental Ophthalmology</i> , 2009 , 37, 785-94	2.4	42
298	Association between preoperative anaemia with length of hospital stay among patients undergoing primary total knee arthroplasty in Singapore: a single-centre retrospective study. <i>BMJ Open</i> , 2017 , 7, e016403	3	41
297	Can clinicians use the PHQ-9 to assess depression in people with vision loss?. <i>Optometry and Vision Science</i> , 2009 , 86, 139-45	2.1	41
296	Prevalence of signs and symptoms of ocular surface disease in individuals treated and not treated with glaucoma medication. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 675-81	2.4	40
295	Longer axial length is protective of diabetic retinopathy and macular edema. <i>Ophthalmology</i> , 2012 , 119, 1754-9	7.3	40
294	Impact of cataract surgery on quality of life in patients with early age-related macular degeneration. <i>Optometry and Vision Science</i> , 2007 , 84, 683-8	2.1	40
293	Identifying content for the glaucoma-specific item bank to measure quality-of-life parameters. <i>Journal of Glaucoma</i> , 2015 , 24, 12-9	2.1	38
292	Detection of depression in patients with low vision. <i>Optometry and Vision Science</i> , 2009 , 86, 1328-36	2.1	38
291	Body mass index and retinopathy in Asian populations with diabetes mellitus. <i>Acta Diabetologica</i> , 2015 , 52, 73-80	3.9	36
290	Improvements in visual ability with first-eye, second-eye, and bilateral cataract surgery measured with the visual symptoms and quality of life questionnaire. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 1208-16	2.3	36
289	Availability and variability in guidelines on diabetic retinopathy screening in Asian countries. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1352-1360	5.5	35
288	An anomaly detection approach for the identification of DME patients using spectral domain optical coherence tomography images. <i>Computer Methods and Programs in Biomedicine</i> , 2017 , 139, 109-119	4.7	35
287	Methods to Develop the Eye-tem Bank to Measure Ophthalmic Quality of Life. <i>Optometry and Vision Science</i> , 2016 , 93, 1485-1494	2.1	34
286	Health burden associated with visual impairment in Singapore: the Singapore epidemiology of eye disease study. <i>Ophthalmology</i> , 2014 , 121, 1837-42	7.3	34
285	Early retinal arteriolar changes and peripheral neuropathy in diabetes. <i>Diabetes Care</i> , 2012 , 35, 1098-104	4.6	34
284	Racial differences in the prevalence of diabetes but not diabetic retinopathy in a multi-ethnic Asian population 2011 , 52, 7586-92		34
283	The relationship between lower body strength and obstructed gait in community-dwelling older adults. <i>Journal of the American Geriatrics Society</i> , 2002 , 50, 468-73	5.6	34
282	Vision-related quality of life and visual outcomes after small-incision lenticule extraction and laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 2136-44	2.3	33

281	Glaucoma and associated visual acuity and field loss significantly affect glaucoma-specific psychosocial functioning. <i>Ophthalmology</i> , 2015 , 122, 494-501	7.3	33
280	Activities of Daily Vision Scale: what do the subscales measure? 2010 , 51, 694-700		33
279	Cataract surgery in high-risk age-related macular degeneration: a randomized controlled trial. <i>Clinical and Experimental Ophthalmology</i> , 2009 , 37, 570-6	2.4	33
278	Deep learning in estimating prevalence and systemic risk factors for diabetic retinopathy: a multi-ethnic study. <i>Npj Digital Medicine</i> , 2019 , 2, 24	15.7	32
277	Persistence of patients receiving topical glaucoma monotherapy in an Asian population. <i>JAMA Ophthalmology</i> , 2011 , 129, 643-8		32
276	The relationship between visual function, duration and main causes of vision loss and falls in older people with low vision. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2010 , 248, 527-33	3.8	32
275	Self-management programs for adults with low vision: needs and challenges. <i>Patient Education and Counseling</i> , 2007 , 69, 39-46	3.1	32
274	HbA1c, systolic blood pressure variability and diabetic retinopathy in Asian type 2 diabetics. <i>Journal of Diabetes</i> , 2017 , 9, 200-207	3.8	31
273	Increased Burden of Vision Impairment and Eye Diseases in Persons with Chronic Kidney Disease - A Population-Based Study. <i>EBioMedicine</i> , 2016 , 5, 193-7	8.8	31
272	Impact of Visual Impairment and Eye diseases on Mortality: the Singapore Malay Eye Study (SiMES). <i>Scientific Reports</i> , 2015 , 5, 16304	4.9	31
271	Axial length, retinal function, and oxygen consumption: a potential mechanism for a lower risk of diabetic retinopathy in longer eyes 2013 , 54, 7691-8		31
270	The impact of the severity of vision loss on vision-related quality of life in India: an evaluation of the IND-VFQ-33 2011 , 52, 6081-8		31
269	A questionnaire-based assessment of symptoms associated with tear film dysfunction and lid margin disease in an Asian population. <i>Ophthalmic Epidemiology</i> , 2009 , 16, 31-7	1.9	31
268	A genetic variant regulating miR-126 is associated with sight threatening diabetic retinopathy. <i>Diabetes and Vascular Disease Research</i> , 2015 , 12, 133-8	3.3	30
267	Impact of migration and acculturation on prevalence of type 2 diabetes and related eye complications in Indians living in a newly urbanised society. <i>PLoS ONE</i> , 2012 , 7, e34829	3.7	30
266	Development of the FitSight Fitness Tracker to Increase Time Outdoors to Prevent Myopia. <i>Translational Vision Science and Technology</i> , 2017 , 6, 20	3.3	29
265	The Associations of Dietary Intake of Polyunsaturated Fatty Acids With Diabetic Retinopathy in Well-Controlled Diabetes 2015 , 56, 7473-9		29
264	Diagnosis of diabetes mellitus using HbA1c in Asians: relationship between HbA1c and retinopathy in a multiethnic Asian population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 689-96	5.6	29

263	Beliefs and adherence to glaucoma treatment: a comparison of patients from diverse cultures. <i>Journal of Glaucoma</i> , 2014 , 23, 293-8	2.1	29
262	Visual impairment as a function of visual acuity in both eyes and its impact on patient reported preferences. <i>PLoS ONE</i> , 2013 , 8, e81042	3.7	29
261	Impact of early and late age-related macular degeneration on vision-specific functioning. <i>British Journal of Ophthalmology</i> , 2011 , 95, 666-70	5.5	28
260	Metabolic syndrome and eye diseases. <i>Diabetes Research and Clinical Practice</i> , 2016 , 113, 86-100	7.4	27
259	Dietary intake and diabetic retinopathy: A systematic review. <i>PLoS ONE</i> , 2018 , 13, e0186582	3.7	27
258	Lack of awareness of common eye conditions in the community. <i>Ophthalmic Epidemiology</i> , 2013 , 20, 52-60	9	27
257	A randomised controlled trial of a self-management programme for low vision implemented in low vision rehabilitation services. <i>Patient Education and Counseling</i> , 2015 , 98, 174-81	3.1	27
256	C-reactive protein and retinal microvascular caliber in a multiethnic asian population. <i>American Journal of Epidemiology</i> , 2010 , 171, 206-13	3.8	27
255	Retinal Vessel Tortuosity and Its Relation to Traditional and Novel Vascular Risk Markers in Persons with Diabetes. <i>Current Eye Research</i> , 2016 , 41, 551-7	2.9	26
254	Pupillary Responses to Full-Field Chromatic Stimuli Are Reduced in Patients with Early-Stage Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2018 , 125, 1362-1371	7.3	26
253	Are standard instruments valid for the assessment of quality of life and symptoms in glaucoma?. <i>Optometry and Vision Science</i> , 2007 , 84, 789-96	2.1	26
252	Vision-Related Quality of Life Outcomes in the BEVORDEX Study: A Clinical Trial Comparing Ozurdex Sustained Release Dexamethasone Intravitreal Implant and Bevacizumab Treatment for Diabetic Macular Edema 2016 , 57, 5541-5546		26
251	How much eye care services do Asian populations need? Projection from the Singapore Epidemiology of Eye Disease (SEED) study 2013 , 54, 2171-7		25
250	Cataract prevalence varies substantially with assessment systems: comparison of clinical and photographic grading in a population-based study. <i>Ophthalmic Epidemiology</i> , 2011 , 18, 164-70	1.9	25
249	Visual functioning and quality of life under low luminance: evaluation of the German Low Luminance Questionnaire 2011 , 52, 8241-9		25
248	Accuracy of diabetic retinopathy screening by trained non-physician graders using non-mydratic fundus camera. <i>Singapore Medical Journal</i> , 2012 , 53, 715-9	1.9	25
247	Characterisation of choroidal morphological and vascular features in diabetes and diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1038-1044	5.5	24
246	Prevalence and Determinants of Suboptimal Vitamin D Levels in a Multiethnic Asian Population. <i>Nutrients</i> , 2017 , 9,	6.7	24

245	Methodology and early findings of the Diabetes Management Project: a cohort study investigating the barriers to optimal diabetes care in diabetic patients with and without diabetic retinopathy. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 73-82	2.4	24
244	Evaluation of item candidates for a diabetic retinopathy quality of life item bank. <i>Quality of Life Research</i> , 2013 , 22, 1851-8	3.7	24
243	Factors associated with knowledge of diabetes in patients with type 2 diabetes using the Diabetes Knowledge Test validated with Rasch analysis. <i>PLoS ONE</i> , 2013 , 8, e80593	3.7	24
242	Sociodemographic, lifestyle, and medical risk factors for visual impairment in an urban asian population: the singapore malay eye study. <i>JAMA Ophthalmology</i> , 2009 , 127, 1640-7		24
241	The impact of bilateral or unilateral cataract surgery on visual functioning: when does second eye cataract surgery benefit patients?. <i>British Journal of Ophthalmology</i> , 2012 , 96, 846-51	5.5	24
240	Differences in the neuromuscular capacity and lean muscle tissue in old and older community-dwelling adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2001 , 56, M381-5	6.4	24
239	Vision impairment and major causes of vision loss impacts on vision-specific functioning independent of socioeconomic factors. <i>Ophthalmology</i> , 2013 , 120, 415-22	7.3	23
238	Future requirements for and supply of ophthalmologists for an aging population in Singapore. <i>Human Resources for Health</i> , 2015 , 13, 86	4.6	23
237	Depression screening among older adults attending low-vision rehabilitation and eye-care services: Characteristics of those who screen positive and client acceptability of screening. <i>Australasian Journal on Ageing</i> , 2015 , 34, 229-34	1.5	23
236	Identifying distinct risk factors for vision-specific distress and depressive symptoms in people with vision impairment 2013 , 54, 7431-8		23
235	Detection and management of depression in patients with vision impairment. <i>Optometry and Vision Science</i> , 2009 , 86, 948-54	2.1	23
234	Evaluation of iris recognition system for wavefront-guided laser in situ keratomileusis for myopic astigmatism. <i>Journal of Cataract and Refractive Surgery</i> , 2008 , 34, 215-21	2.3	23
233	Vitamin D insufficiency and cognitive impairment in Asians: a multi-ethnic population-based study and meta-analysis. <i>Journal of Internal Medicine</i> , 2016 , 280, 300-11	10.8	23
232	Association of Vision Impairment and Major Eye Diseases With Mobility and Independence in a Chinese Population. <i>JAMA Ophthalmology</i> , 2016 , 134, 1087-1093	3.9	23
231	Addressing risk factors, screening, and preventative treatment for diabetic retinopathy in developing countries: a review. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 300-20	2.4	23
230	Rasch analysis reveals problems with multiplicative scoring in the macular disease quality of life questionnaire. <i>Ophthalmology</i> , 2012 , 119, 2351-7	7.3	22
229	A self-management program for low vision: program overview and pilot evaluation. <i>Disability and Rehabilitation</i> , 2010 , 32, 808-15	2.4	22
228	Literacy is an independent risk factor for vision impairment and poor visual functioning 2011 , 52, 7634-9		22

227	Peripapillary choroidal thickness assessed using automated choroidal segmentation software in an Asian population. <i>British Journal of Ophthalmology</i> , 2015 , 99, 920-6	5.5	21
226	Optic Disc Classification by Deep Learning versus Expert Neuro-Ophthalmologists. <i>Annals of Neurology</i> , 2020 , 88, 785-795	9.4	21
225	The impact of cataract, cataract types, and cataract grades on vision-specific functioning using Rasch analysis. <i>American Journal of Ophthalmology</i> , 2012 , 154, 29-38.e2	4.9	21
224	The cost of care for people with impaired vision in Australia. <i>JAMA Ophthalmology</i> , 2009 , 127, 1377-81		21
223	Validity of a visual impairment questionnaire in measuring cataract surgery outcomes. <i>Journal of Cataract and Refractive Surgery</i> , 2008 , 34, 925-33	2.3	21
222	Prevalence, Risk Factors, and Impact of Undiagnosed Visually Significant Cataract: The Singapore Epidemiology of Eye Diseases Study. <i>PLoS ONE</i> , 2017 , 12, e0170804	3.7	20
221	Integrated depression management: a proposed trial of a new model of care in a low vision rehabilitation setting. <i>Ophthalmic Epidemiology</i> , 2013 , 20, 321-9	1.9	20
220	Patient acceptance and attitude toward an alternative method of subconjunctival injection for the medical treatment of glaucoma. <i>Journal of Glaucoma</i> , 2013 , 22, 190-4	2.1	20
219	Combined poor diabetes control indicators are associated with higher risks of diabetic retinopathy and macular edema than poor glycemic control alone. <i>PLoS ONE</i> , 2017 , 12, e0180252	3.7	20
218	Prediabetes, diagnosed and undiagnosed diabetes, their risk factors and association with knowledge of diabetes in rural Bangladesh: The Bangladesh Population-based Diabetes and Eye Study. <i>Journal of Diabetes</i> , 2016 , 8, 260-8	3.8	20
217	The relationship between diabetic retinopathy and psychosocial functioning: a systematic review. <i>Quality of Life Research</i> , 2019 , 28, 2017-2039	3.7	19
216	Assessment of the psychometric properties of the Chinese Impact of Vision Impairment questionnaire in a population-based study: findings from the Singapore Chinese Eye Study. <i>Quality of Life Research</i> , 2016 , 25, 871-80	3.7	19
215	Diabetic Retinopathy and Macular Edema Quality-of-Life Item Banks: Development and Initial Evaluation Using Computerized Adaptive Testing 2017 , 58, 6379-6387		19
214	The Influence of Coping on Vision-Related Quality of Life in Patients With Low Vision: A Prospective Longitudinal Study 2015 , 56, 2416-22		19
213	Validation and reliability of the VF-14 questionnaire in a German population 2011 , 52, 8919-26		19
212	Vision impairment and major eye diseases reduce vision-specific emotional well-being in a Chinese population. <i>British Journal of Ophthalmology</i> , 2017 , 101, 686-690	5.5	18
211	Relationship Between Peripapillary Choroid and Retinal Nerve Fiber Layer Thickness in a Population-Based Sample of Nonglaucomatous Eyes. <i>American Journal of Ophthalmology</i> , 2016 , 161, 4-11.e1-2	4.9	18
210	Is chronic kidney disease associated with diabetic retinopathy in Asian adults?. <i>Journal of Diabetes</i> , 2014 , 6, 556-63	3.8	18

209	Health literacy, computer skills and quality of patient-physician communication in Chinese patients with cataract. <i>PLoS ONE</i> , 2014 , 9, e107615	3.7	18
208	The relative impact of vision impairment and cardiovascular disease on quality of life: the example of pseudoxanthoma elasticum. <i>Health and Quality of Life Outcomes</i> , 2011 , 9, 113	3	18
207	Using Rasch analysis to revisit the validity of the Cataract TyPE Spec instrument for measuring cataract surgery outcomes. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 1509-17	2.3	18
206	The associations of objectively measured sleep duration and sleep disturbances with diabetic retinopathy. <i>Diabetes Research and Clinical Practice</i> , 2020 , 159, 107967	7.4	18
205	Visual and refractive associations with falls after first-eye cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2017 , 43, 1313-1321	2.3	17
204	Serum Cystatin C, Markers of Chronic Kidney Disease, and Retinopathy in Persons with Diabetes. <i>Journal of Diabetes Research</i> , 2015 , 2015, 404280	3.9	17
203	The longitudinal impact of macular telangiectasia (MacTel) type 2 on vision-related quality of life 2011 , 52, 2520-4		17
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183	Frequency and risk factors of non-retinopathy ocular conditions in people with diabetes: the Singapore Malay Eye Study. <i>Diabetic Medicine</i> , 2013 , 30, e32-40	3.5	15
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180	Retinal microvascular calibre and risk of incident diabetes: the multi-ethnic study of atherosclerosis. <i>Diabetes Research and Clinical Practice</i> , 2012 , 95, 265-74	7.4	15
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147	Development and validation of a vision-specific quality-of-life questionnaire for Timor-Leste 2008 , 49, 4284-9		12
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120	Urinary Isoprostane Levels and Age-Related Macular Degeneration 2017 , 58, 2538-2543		8

119	Inter-relationship between visual symptoms, activity limitation and psychological functioning in patients with diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2018 , 102, 948-953	5.5	8
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111	Assessment of optic disc cupping with digital fundus photographs. <i>American Journal of Ophthalmology</i> , 2005 , 140, 529-31	4.9	8
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102	Retinal artery and venular caliber grading: a semi-automated evaluation tool. <i>Computers in Biology and Medicine</i> , 2014 , 44, 1-9	7	7

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99	Impact of bilateral open and closed-angle glaucoma on glaucoma-specific functioning in Asians. <i>Journal of Glaucoma</i> , 2013 , 22, 330-5	2.1	7
98	Delivering problem-solving treatment in low-vision rehabilitation: A pilot feasibility study. <i>Rehabilitation Psychology</i> , 2018 , 63, 349-356	2.7	7
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96	Computerized Adaptive Tests: Efficient and Precise Assessment of the Patient-Centered Impact of Diabetic Retinopathy. <i>Translational Vision Science and Technology</i> , 2020 , 9, 3	3.3	6
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91	Impact of diabetic retinopathy on patients' beliefs about diabetes. <i>Australasian journal of optometry, The</i> , 2012 , 95, 371-6	2.7	6
90	Impact of a low-vision self-management program on informal caregivers. <i>Optometry and Vision Science</i> , 2011 , 88, 1486-95	2.1	6
89	Prevalence and predictors of myopic macular degeneration among Asian adults: pooled analysis from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , 2021 , 105, 1140-1148	5.5	6
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86	Projection of Eye Disease Burden in Singapore. <i>Annals of the Academy of Medicine, Singapore</i> , 2018 , 47, 13-28	2.8	6
85	Six-year incidence and progression of diabetic retinopathy in Indian adults: the Singapore Indian Eye study. <i>British Journal of Ophthalmology</i> , 2019 , 103, 1732-1739	5.5	5
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77	Beyond vision loss: the independent impact of diabetic retinopathy on vision-related quality of life in a Chinese Singaporean population. <i>British Journal of Ophthalmology</i> , 2019 , 103, 1314-1319	5.5	5
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71	IndividualsSPerspectives on Coping with Vision Loss from Diabetic Retinopathy. <i>Optometry and Vision Science</i> , 2018 , 95, 362-372	2.1	4
70	A randomized, single-center study of equivalence of 2 intraocular lenses used in cataract surgery. <i>Ophthalmology</i> , 2013 , 120, 482-488	7.3	4
69	Flicker-induced retinal arteriole dilation is reduced by ambient lighting 2014 , 55, 5476-81		4
68	Ethnic differences in undercorrected refractive error in Asians. <i>Optometry and Vision Science</i> , 2014 , 91, 212-20	2.1	4
67	The impact of cataract surgery questionnaire: re-evaluation using Rasch analysis. <i>Acta Ophthalmologica</i> , 2011 , 89, 423-8	3.7	4
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58	Developing an item bank to measure the coping strategies of people with hereditary retinal diseases. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 1291-1298	3.8	3
57	Frequency of Evidence-Based Screening for Diabetic Retinopathy. <i>New England Journal of Medicine</i> , 2017 , 377, 194-195	59.2	3
56	The Prevalence and Determinants of Desire for and Use of Psychological Support in Patients With Low Vision. <i>Asia-Pacific Journal of Ophthalmology</i> , 2014 , 3, 286-93	3.5	3
55	Development and reliability of retinal arteriolar central light reflex quantification system: a new approach for severity grading. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 7975-81		3
54	Circulating biomarkers of diabetic retinopathy: a systematic review and meta-analysis. <i>Diabetes Management</i> , 2012 , 2, 157-169	0	3
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51	Impact of Early and Late Age-Related Macular Degeneration on Quality of Life. <i>Essentials in Ophthalmology</i> , 2013 , 181-192	0.2	3
50	Public Health Impact of Pathologic Myopia 2014 , 75-81		3
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45	Can we address depression in vision rehabilitation settings? Professionals Perspectives on the barriers to integrating problem-solving treatment. <i>Disability and Rehabilitation</i> , 2018 , 40, 287-295	2.4	2
44	Using Adherence-Contingent Rebates on Chronic Disease Treatment Costs to Promote Medication Adherence: Results from a Randomized Controlled Trial. <i>Applied Health Economics and Health Policy</i> , 2019 , 17, 841-855	3.4	2
43	Effect of pan-retinal photocoagulation treatment on vision-related quality of life of patients with proliferative diabetic retinopathy. <i>Retina</i> , 2013 , 33, 1479	3.6	2
42	Vessel Segmentation from Color Retinal Images with Varying Contrast and Central Reflex Properties 2010 ,		2
41	Republished article: The impact of diabetic retinopathy: understanding the patient's perspective. <i>Postgraduate Medical Journal</i> , 2012 , 88, 167-75	2	2
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