

Louis Mg Tong

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.

225 papers	7,853 citations	44 h-index	80 g-index
240 ext. papers	9,429 ext. citations	4 avg, IF	6.13 L-index

#	Paper	IF	Citations
225	TFOS DEWS II Diagnostic Methodology report. <i>Ocular Surface</i> , 2017 , 15, 539-574	6.5	720
224	Atropine for the treatment of childhood myopia. <i>Ophthalmology</i> , 2006 , 113, 2285-91	7.3	343
223	The international workshop on meibomian gland dysfunction: report of the subcommittee on the epidemiology of, and associated risk factors for, MGD 2011 , 52, 1994-2005		315
222	Incidence and progression of myopia in Singaporean school children. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 51-7		267
221	Outdoor activity and myopia in Singapore teenage children. <i>British Journal of Ophthalmology</i> , 2009 , 93, 997-1000	5.5	265
220	Identification of tear fluid biomarkers in dry eye syndrome using iTRAQ quantitative proteomics. <i>Journal of Proteome Research</i> , 2009 , 8, 4889-905	5.6	219
219	Extensive characterization of human tear fluid collected using different techniques unravels the presence of novel lipid amphiphiles. <i>Journal of Lipid Research</i> , 2014 , 55, 289-98	6.3	180
218	Atropine for the treatment of childhood myopia: effect on myopia progression after cessation of atropine. <i>Ophthalmology</i> , 2009 , 116, 572-9	7.3	180
217	Myopia-related optic disc and retinal changes in adolescent children from singapore. <i>Ophthalmology</i> , 2011 , 118, 2050-7	7.3	178
216	Phospholipase D in the human ocular surface and in pterygium. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2008 , 27, 693-8	3.1	172
215	Application of empirical mode decomposition (emd) for automated detection of epilepsy using EEG signals. <i>International Journal of Neural Systems</i> , 2012 , 22, 1250027	6.2	154
214	Meibum lipid composition in Asians with dry eye disease. <i>PLoS ONE</i> , 2011 , 6, e24339	3.7	118
213	Dry eye disease and oxidative stress. <i>Acta Ophthalmologica</i> , 2018 , 96, e412-e420	3.7	104
212	Rho protein GTPases and their interactions with NFB: crossroads of inflammation and matrix biology. <i>Bioscience Reports</i> , 2014 , 34,	4.1	96
211	Nuclear Factor-B: central regulator in ocular surface inflammation and diseases. <i>Ocular Surface</i> , 2012 , 10, 137-48	6.5	95
210	Refractive error and monochromatic aberrations in Singaporean children. <i>Vision Research</i> , 2002 , 42, 1809-24	2.24	90
209	Cornea biomechanical characteristics and their correlates with refractive error in Singaporean children 2008 , 49, 3852-7		89

208	Application of intrinsic time-scale decomposition (ITD) to EEG signals for automated seizure prediction. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350023	6.2	78
207	Effects of environment pollution on the ocular surface. <i>Ocular Surface</i> , 2018 , 16, 198-205	6.5	74
206	Proteomic profiling of inflammatory signaling molecules in the tears of patients on chronic glaucoma medication 2011 , 52, 7385-91		74
205	A systematic review on the impact of diabetes mellitus on the ocular surface. <i>Nutrition and Diabetes</i> , 2017 , 7, e251	4.7	73
204	Association of tear proteins with Meibomian gland disease and dry eye symptoms. <i>British Journal of Ophthalmology</i> , 2011 , 95, 848-52	5.5	73
203	Computer aided diagnosis of atrial arrhythmia using dimensionality reduction methods on transform domain representation. <i>Biomedical Signal Processing and Control</i> , 2014 , 13, 295-305	4.9	72
202	Screening for meibomian gland disease: its relation to dry eye subtypes and symptoms in a tertiary referral clinic in singapore 2010 , 51, 3449-54		70
201	Impact of symptomatic dry eye on vision-related daily activities: the Singapore Malay Eye Study. <i>Eye</i> , 2010 , 24, 1486-91	4.4	68
200	Direct costs of myopia in Singapore. <i>Eye</i> , 2009 , 23, 1086-9	4.4	67
199	Lipidomic analysis of human tear fluid reveals structure-specific lipid alterations in dry eye syndrome. <i>Journal of Lipid Research</i> , 2014 , 55, 299-306	6.3	66
198	Prevalence and risk factors of meibomian gland dysfunction: the Singapore Malay eye study. <i>Cornea</i> , 2012 , 31, 1223-8	3.1	64
197	Hyperosmolarity-induced cornification of human corneal epithelial cells is regulated by JNK MAPK. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 539-49		64
196	Prevalence rates and epidemiological risk factors for astigmatism in Singapore school children. <i>Optometry and Vision Science</i> , 2002 , 79, 606-13	2.1	64
195	Expression and regulation of cornified envelope proteins in human corneal epithelium. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 1938-46		59
194	Computer-aided diagnosis of glaucoma using fundus images: A review. <i>Computer Methods and Programs in Biomedicine</i> , 2018 , 165, 1-12	6.9	58
193	The prevalence of and risk factors for pterygium in an urban Malay population: the Singapore Malay Eye Study (SiMES). <i>British Journal of Ophthalmology</i> , 2010 , 94, 977-81	5.5	57
192	Ocular surface manifestations of coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis. <i>PLoS ONE</i> , 2020 , 15, e0241661	3.7	56
191	Distribution and determinants of ocular biometric parameters in an Asian population: the Singapore Malay eye study 2010 , 51, 103-9		55

190	Corneal thickness determination and correlates in Singaporean schoolchildren. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 4004-9		54
189	Non-hormonal systemic medications and dry eye. <i>Ocular Surface</i> , 2011 , 9, 212-26	6.5	52
188	Heidelberg retinal tomography of optic disc and nerve fiber layer in singapore children: variations with disc tilt and refractive error. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4939-44		49
187	COVID-19 and the Ocular Surface: A Review of Transmission and Manifestations. <i>Ocular Immunology and Inflammation</i> , 2020 , 28, 726-734	2.8	48
186	S100A proteins as molecular targets in the ocular surface inflammatory diseases. <i>Ocular Surface</i> , 2014 , 12, 23-31	6.5	47
185	Dietary factors, myopia, and axial dimensions in children. <i>Ophthalmology</i> , 2010 , 117, 993-997.e4	7.3	47
184	Lipid-containing lubricants for dry eye: a systematic review. <i>Optometry and Vision Science</i> , 2012 , 89, 1654-1661	4.6	46
183	Detection of meibomian glands and classification of meibography images. <i>Journal of Biomedical Optics</i> , 2012 , 17, 086008	3.5	45
182	The eye in epidermolysis bullosa. <i>British Journal of Ophthalmology</i> , 1999 , 83, 323-6	5.5	45
181	Relevance of Lipid-Based Products in the Management of Dry Eye Disease. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017 , 33, 647-661	2.6	43
180	Effects of Punctal Occlusion on Clinical Signs and Symptoms and on Tear Cytokine Levels in Patients with Dry Eye. <i>Ocular Surface</i> , 2016 , 14, 233-41	6.5	42
179	Intra-observer and inter-observer repeatability of ocular surface interferometer in measuring lipid layer thickness. <i>BMC Ophthalmology</i> , 2015 , 15, 53	2.3	40
178	The relation between birth size and the results of refractive error and biometry measurements in children. <i>British Journal of Ophthalmology</i> , 2004 , 88, 538-42	5.5	40
177	Choice of artificial tear formulation for patients with dry eye: where do we start?. <i>Cornea</i> , 2012 , 31 Suppl 1, S32-6	3.1	39
176	Quantitation of 47 human tear proteins using high resolution multiple reaction monitoring (HR-MRM) based-mass spectrometry. <i>Journal of Proteomics</i> , 2015 , 115, 36-48	3.9	38
175	Anisometropia in Singapore school children. <i>American Journal of Ophthalmology</i> , 2004 , 137, 474-9	4.9	38
174	Diagnosis of retinal health in digital fundus images using continuous wavelet transform (CWT) and entropies. <i>Computers in Biology and Medicine</i> , 2017 , 84, 89-97	7	36
173	Automated diagnosis of Age-related Macular Degeneration using greyscale features from digital fundus images. <i>Computers in Biology and Medicine</i> , 2014 , 53, 55-64	7	36

172	Effect of chronic anti-glaucoma medications and trabeculectomy on tear osmolarity. <i>Eye</i> , 2013 , 27, 1142-44	36
171	The nuclear-factor kappaB pathway is activated in pterygium 2011 , 52, 230-6	36
170	Decision support system for age-related macular degeneration using discrete wavelet transform. <i>Medical and Biological Engineering and Computing</i> , 2014 , 52, 781-96	3.1 35
169	Local configuration pattern features for age-related macular degeneration characterization and classification. <i>Computers in Biology and Medicine</i> , 2015 , 63, 208-18	7 35
168	A Randomized, Controlled Treatment Trial of Eyelid-Warming Therapies in Meibomian Gland Dysfunction. <i>Ophthalmology and Therapy</i> , 2014 , 3, 37-48	5 35
167	Longitudinal study of anisometropia in Singaporean school children. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 3247-52	35
166	Cost of dry eye treatment in an Asian clinic setting. <i>PLoS ONE</i> , 2012 , 7, e37711	3.7 34
165	Aberrant DNA methylation of matrix remodeling and cell adhesion related genes in pterygium. <i>PLoS ONE</i> , 2011 , 6, e14687	3.7 34
164	A New Perspective on Dry Eye Classification: Proposal by the Asia Dry Eye Society. <i>Eye and Contact Lens</i> , 2020 , 46 Suppl 1, S2-S13	3.2 34
163	Longitudinal changes in tear fluid lipidome brought about by eyelid-warming treatment in a cohort of meibomian gland dysfunction. <i>Journal of Lipid Research</i> , 2014 , 55, 1959-69	6.3 33
162	The eye: a window of opportunity in rheumatoid arthritis?. <i>Nature Reviews Rheumatology</i> , 2014 , 10, 552-60	32
161	Calcium-binding S100 protein expression in pterygium. <i>Molecular Vision</i> , 2009 , 15, 335-42	2.3 32
160	Lipid-Based Therapy for Ocular Surface Inflammation and Disease. <i>Trends in Molecular Medicine</i> , 2015 , 21, 736-748	11.5 31
159	Clinical Trial of Thermal Pulsation (LipiFlow) in Meibomian Gland Dysfunction With Pretreatment Meibography. <i>Eye and Contact Lens</i> , 2016 , 42, 339-346	3.2 31
158	Involvement of SPARC and MMP-3 in the pathogenesis of human pterygium 2012 , 53, 587-95	31
157	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
156	Barrier function in the ocular surface: from conventional paradigms to new opportunities. <i>Ocular Surface</i> , 2015 , 13, 103-9	6.5 30
155	EPILEPTIC EEG CLASSIFICATION USING NONLINEAR PARAMETERS ON DIFFERENT FREQUENCY BANDS. <i>Journal of Mechanics in Medicine and Biology</i> , 2015 , 15, 1550040	0.7 30

154	S100A expression in normal corneal-limbal epithelial cells and ocular surface squamous cell carcinoma tissue. <i>Molecular Vision</i> , 2011 , 17, 2263-71	2.3	30
153	A randomised, parallel-group comparison study of diquafosol ophthalmic solution in patients with dry eye in China and Singapore. <i>British Journal of Ophthalmology</i> , 2015 , 99, 903-8	5.5	29
152	Prevalence and risk factors of undercorrected refractive errors among Singaporean Malay adults: the Singapore Malay Eye Study 2009 , 50, 3621-8		29
151	Optic disk and retinal characteristics in myopic children. <i>American Journal of Ophthalmology</i> , 2004 , 138, 160-2	4.9	28
150	Deep anterior lamellar keratoplasty in a patient with descemetocoele following gonococcal keratitis. <i>American Journal of Ophthalmology</i> , 2004 , 138, 506-7	4.9	28
149	Systematic review of randomized controlled trials in the treatment of dry eye disease in Sjogren syndrome. <i>Journal of Inflammation</i> , 2017 , 14, 26	6.7	27
148	Sensitivity and specificity of visual acuity screening for refractive errors in school children. <i>Optometry and Vision Science</i> , 2002 , 79, 650-7	2.1	27
147	MicroRNA-215 Regulates Fibroblast Function: Insights from a Human Fibrotic Disease. <i>Cell Cycle</i> , 2015 , 14, 1973-84	4.7	26
146	Prevalence of cataract in rural Indonesia. <i>Ophthalmology</i> , 2005 , 112, 1255-62	7.3	26
145	Tissue resident memory T cells in the human conjunctiva and immune signatures in human dry eye disease. <i>Scientific Reports</i> , 2017 , 7, 45312	4.9	25
144	Dry Eye-Related Visual Blurring and Irritative Symptoms and Their Association with Depression and Anxiety in Eye Clinic Patients. <i>Current Eye Research</i> , 2016 , 41, 590-9	2.9	25
143	Preoperative optimization of ocular surface disease before cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2017 , 43, 1596-1607	2.3	25
142	Agreement of noninvasive tear break-up time measurement between Tomey RT-7000 Auto Refractor-Keratometer and Oculus Keratograph 5M. <i>Clinical Ophthalmology</i> , 2016 , 10, 1785-1790	2.5	25
141	Detection of Pathological Myopia by PAMELA with Texture-Based Features through an SVM Approach. <i>Journal of Healthcare Engineering</i> , 2010 , 1, 1-12	3.7	24
140	Relationship of retinal vascular caliber with optic disc diameter in children. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4945-8		24
139	Association of macular involvement with proliferative retinopathy in Type 2 diabetes. <i>Diabetic Medicine</i> , 2001 , 18, 388-94	3.5	24
138	A Review on Evidence-Based Treatments for Meibomian Gland Dysfunction. <i>Eye and Contact Lens</i> , 2020 , 46, 3-16	3.2	24
137	Application of different imaging modalities for diagnosis of Diabetic Macular Edema: A review. <i>Computers in Biology and Medicine</i> , 2015 , 66, 295-315	7	23

136	Automated detection of age-related macular degeneration using empirical mode decomposition. <i>Knowledge-Based Systems</i> , 2015 , 89, 654-668	7.3	23
135	The dry eye disease activity log study. <i>Scientific World Journal, The</i> , 2012 , 2012, 589875	2.2	23
134	Hyperosmolarity-mediated mitochondrial dysfunction requires Transglutaminase-2 in human corneal epithelial cells. <i>Journal of Cellular Physiology</i> , 2011 , 226, 693-9	7	23
133	A distinct cytokines profile in tear film of dry eye disease (DED) patients with HIV infection. <i>Cytokine</i> , 2016 , 88, 77-84	4	22
132	Tear eicosanoids in healthy people and ocular surface disease. <i>Scientific Reports</i> , 2018 , 8, 11296	4.9	22
131	Practical issues concerning tear protein assays in dry eye. <i>Eye and Vision (London, England)</i> , 2014 , 1, 6	4.9	22
130	Associations of systemic diseases, smoking and contact lens wear with severity of dry eye. <i>Ophthalmic and Physiological Optics</i> , 2012 , 32, 518-26	4.1	22
129	Longitudinal Changes in Tear Evaporation Rates After Eyelid Warming Therapies in Meibomian Gland Dysfunction 2016 , 57, 1974-81		22
128	Rapid and sensitive profiling of tear wax ester species using high performance liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1308, 166-71	4.5	21
127	Distinct gene subsets in pterygia formation and recurrence: dissecting complex biological phenomenon using genome wide expression data. <i>BMC Medical Genomics</i> , 2009 , 2, 14	3.7	21
126	Transglutaminase participates in UVB-induced cell death pathways in human corneal epithelial cells. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4295-301		21
125	Zika Virus and the Eye. <i>Ocular Immunology and Inflammation</i> , 2018 , 26, 654-659	2.8	20
124	Review of autoantigens in Sjögren's syndrome: an update. <i>Journal of Inflammation Research</i> , 2017 , 10, 97-105	4.8	20
123	Patient acceptability of tear collection in the primary healthcare setting. <i>Optometry and Vision Science</i> , 2014 , 91, 452-8	2.1	20
122	Corneal biomechanics, thickness and optic disc morphology in children with optic disc tilt. <i>British Journal of Ophthalmology</i> , 2008 , 92, 1461-6	5.5	20
121	Incidence and progression of astigmatism in Singaporean children. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 3914-8		20
120	Targeted inhibition of p57 and p15 blocks transforming growth factor beta-inhibited proliferation of primary cultured human limbal epithelial cells. <i>Molecular Vision</i> , 2006 , 12, 983-94	2.3	20
119	Dynamic change in natural killer cell type in the human ocular mucosa in situ as means of immune evasion by adenovirus infection. <i>Mucosal Immunology</i> , 2016 , 9, 159-70	9.2	19

118	Automated diagnosis of dry eye using infrared thermography images. <i>Infrared Physics and Technology</i> , 2015 , 71, 263-271	2.7	18
117	Repeatability of tear meniscus evaluation using spectral-domain Cirrus® HD-OCT and time-domain Visante® OCT. <i>Contact Lens and Anterior Eye</i> , 2015 , 38, 368-72	4.1	18
116	More to stable tears than thickness of the tear film lipid layer. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 1601		18
115	A multiple regression approach to study optical components of myopia in Singapore school children. <i>Ophthalmic and Physiological Optics</i> , 2002 , 22, 32-7	4.1	18
114	Corneal and refractive error astigmatism in Singaporean schoolchildren: a vector-based Javal® rule. <i>Optometry and Vision Science</i> , 2001 , 78, 881-7	2.1	18
113	Application of higher-order spectra for automated grading of diabetic maculopathy. <i>Medical and Biological Engineering and Computing</i> , 2015 , 53, 1319-31	3.1	17
112	Repeatability of a new method for measuring tear evaporation rates. <i>Optometry and Vision Science</i> , 2013 , 90, 366-71	2.1	17
111	Rho GTPases and regulation of cell migration and polarization in human corneal epithelial cells. <i>PLoS ONE</i> , 2013 , 8, e77107	3.7	17
110	Bioimage informatics approach to automated meibomian gland analysis in infrared images of meibography. <i>Journal of Optometry</i> , 2013 , 6, 194-204	2.6	16
109	Molecular mechanism of transglutaminase-2 in corneal epithelial migration and adhesion. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 1304-15	4.9	16
108	Corneal staining characteristics in limited zones compared with whole cornea documentation for the detection of dry eye subtypes 2013 , 54, 8013-9		16
107	Phospholipase D in the Human Ocular Surface and in Pterygium. <i>Cornea</i> , 2008 , 27, 693-698	3.1	16
106	Experimental modeling of cornea wound healing in diabetes: clinical applications and beyond. <i>BMJ Open Diabetes Research and Care</i> , 2019 , 7, e000779	4.5	16
105	The penetration and distribution of topical atropine in animal ocular tissues. <i>Acta Ophthalmologica</i> , 2019 , 97, e238-e247	3.7	16
104	Screening for myopia and refractive errors using LogMAR visual acuity by optometrists and a simplified visual acuity chart by nurses. <i>Optometry and Vision Science</i> , 2004 , 81, 684-91	2.1	15
103	Human tear analysis with miniaturized multiplex cytokine assay on "wall-less" 96-well plate. <i>Molecular Vision</i> , 2015 , 21, 1151-61	2.3	15
102	Expression, purification and characterization of fourth FAS1 domain of TGFβ-associated corneal dystrophic mutants. <i>Protein Expression and Purification</i> , 2012 , 84, 108-15	2	14
101	Incidence and risk factors of symptomatic dry eye disease in Asian Malays from the Singapore Malay Eye Study. <i>Ocular Surface</i> , 2017 , 15, 742-748	6.5	13

100	Diagnosis of response and non-response to dry eye treatment using infrared thermography images. <i>Infrared Physics and Technology</i> , 2014 , 67, 497-503	2.7	13
99	Comparison of gene expression profiles in primary and immortalized human pterygium fibroblast cells. <i>Experimental Cell Research</i> , 2013 , 319, 2781-9	4.2	13
98	Ocular surface disease in posttrabeculectomy/mitomycin C patients. <i>Clinical Ophthalmology</i> , 2015 , 9, 187-91	2.5	13
97	Evaluation of global differential gene and protein expression in primary Pterygium: S100A8 and S100A9 as possible drivers of a signaling network. <i>PLoS ONE</i> , 2014 , 9, e97402	3.7	13
96	Comparative analysis of two femtosecond LASIK platforms using iTRAQ quantitative proteomics 2014 , 55, 3396-402		13
95	Repeatability of ocular blood flow pneumotonometry. <i>Ophthalmology</i> , 2003 , 110, 1551-4	7.3	13
94	Specialized moisture retention eyewear for evaporative dry eye. <i>Current Eye Research</i> , 2015 , 40, 490-5	2.9	12
93	Automatic detection of pathological myopia using variational level set. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 3609-12	0.9	12
92	Comparison of gene expression profiles of conjunctival cell lines with primary cultured conjunctival epithelial cells and human conjunctival tissue. <i>Gene Expression</i> , 2009 , 14, 265-78	3.4	12
91	Role of tear film biomarkers in the diagnosis and management of dry eye disease. <i>Taiwan Journal of Ophthalmology</i> , 2019 , 9, 150-159	1.4	12
90	Effects of punctal occlusion on global tear proteins in patients with dry eye. <i>Ocular Surface</i> , 2017 , 15, 736-741	6.5	11
89	Lubricant with gelling agent in treating dry eye in adult Chinese patients. <i>Optometry and Vision Science</i> , 2012 , 89, 1647-53	2.1	11
88	Update on the role of impression cytology in ocular surface disease. <i>Taiwan Journal of Ophthalmology</i> , 2019 , 9, 141-149	1.4	11
87	Tear Proteins Calcium binding protein A4 (S100A4) and Prolactin Induced Protein (PIP) are Potential Biomarkers for Thyroid Eye Disease. <i>Scientific Reports</i> , 2018 , 8, 16936	4.9	11
86	Acupuncture and herbal formulation compared with artificial tears alone: evaluation of dry eye symptoms and associated tests in randomised clinical trial. <i>BMJ Open Ophthalmology</i> , 2018 , 3, e000150	3.2	10
85	Satisfaction and convenience of using terpenoid-impregnated eyelid wipes and teaching method in people without blepharitis. <i>Clinical Ophthalmology</i> , 2018 , 12, 91-98	2.5	10
84	Meibomian gland dysfunction is the primary determinant of dry eye symptoms: Analysis of 2346 patients. <i>Ocular Surface</i> , 2020 , 18, 604-612	6.5	10
83	Effects of wearing a daily disposable lens on tear film: a randomised controlled trial. <i>Australasian journal of optometry, The</i> , 2016 , 99, 241-7	2.7	10

82	Tear Lactoferrin and Features of Ocular Allergy in Different Severities of Meibomian Gland Dysfunction. <i>Optometry and Vision Science</i> , 2018 , 95, 930-936	2.1	10
81	Topical Delivery of Senicapoc Nanoliposomal Formulation for Ocular Surface Treatments. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	10
80	Red-green colour blindness in Singaporean children. <i>Clinical and Experimental Ophthalmology</i> , 2008 , 36, 464-7	2.4	10
79	Relationship Between Sleep and Symptoms of Tear Dysfunction in Singapore Malays and Indians 2019 , 60, 1889-1897		9
78	Toll-like receptor 2-mediated NF-kappa B pathway activation in ocular surface epithelial cells. <i>Eye and Vision (London, England)</i> , 2017 , 4, 17	4.9	9
77	Acupuncture has effect on increasing tear break-up time: acupuncture for treating dry eye, a randomized placebo-controlled trial. <i>Acta Ophthalmologica</i> , 2012 , 90, e73	3.7	9
76	Clinical considerations in proinflammatory cytokine profiling of tears from patients with dry eye by means of antibody microarrays 2011 , 52, 9610; author reply 9610-1		9
75	Improvement of reproducibility of macular volume measurements using the Heidelberg retinal tomograph. <i>British Journal of Ophthalmology</i> , 2000 , 84, 1194-7	5.5	9
74	A Comparison of Efficacy and Safety of Two Lipid-Based Lubricant Eye Drops for the Management of Evaporative Dry Eye Disease. <i>Clinical Ophthalmology</i> , 2020 , 14, 1665-1673	2.5	8
73	Need for Animal Models of Meibomian Gland Dysfunction. <i>Ophthalmology and Therapy</i> , 2016 , 5, 129-134		8
72	Knowledge, attitude, and practice of dry eye treatment by institutional Chinese physicians in Singapore. <i>Scientific World Journal, The</i> , 2012 , 2012, 923059	2.2	8
71	Level of tear cytokines in population-level participants and correlation with clinical features. <i>Cytokine</i> , 2018 , 110, 452-458	4	8
70	Dataset of tear film cytokine levels in dry eye disease (DED) patients with and without HIV infection. <i>Data in Brief</i> , 2017 , 10, 14-16	1.2	7
69	Ocular lubricant use in medically and surgically treated glaucoma: a retrospective longitudinal analysis. <i>Clinical Ophthalmology</i> , 2017 , 11, 1191-1196	2.5	7
68	Coping with dry eyes: a qualitative approach. <i>BMC Ophthalmology</i> , 2018 , 18, 8	2.3	7
67	Spatial Distribution of Noninvasive Break Up Times and Clinical Relevance in Healthy Participants and Mild Dry Eye. <i>Translational Vision Science and Technology</i> , 2019 , 8, 30	3.3	7
66	Autologous plasma eyedrops prepared in a closed system: a treatment for dry eye. <i>Eye</i> , 2013 , 27, 1102	4.4	7
65	Conjunctivochalasis is the precursor to pterygium. <i>Medical Hypotheses</i> , 2013 , 81, 927-30	3.8	7

64	Transglutaminase-2 in cell adhesion: all roads lead to paxillin?. <i>Cell Adhesion and Migration</i> , 2013 , 7, 412-3.2	7	7
63	Comparison of corneal sensitivity, tear function and corneal staining following laser in situ keratomileusis with two femtosecond laser platforms. <i>Clinical Ophthalmology</i> , 2013 , 7, 591-8	2.5	7
62	Aspirin and dry eye?. <i>Ophthalmology</i> , 2009 , 116, 167-167.e1	7.3	7
61	Agreement between Scheimpflug photography and A-scan ultrasonography in anterior segment ocular measurements in children. <i>Optometry and Vision Science</i> , 2003 , 80, 529-34	2.1	7
60	Sensitivity and specificity of a new scoring system for diabetic macular oedema detection using a confocal laser imaging system. <i>British Journal of Ophthalmology</i> , 2001 , 85, 34-9	5.5	7
59	Objective Imaging Diagnostics for Dry Eye Disease. <i>Journal of Ophthalmology</i> , 2020 , 2020, 3509064	2	7
58	Effects of Anti-Glaucoma Prostaglandin Ophthalmic Solutions on Cultured Human Corneal Epithelial Cells. <i>Current Eye Research</i> , 2019 , 44, 856-862	2.9	6
57	AUTOMATED CHARACTERIZATION AND DETECTION OF DIABETIC RETINOPATHY USING TEXTURE MEASURES. <i>Journal of Mechanics in Medicine and Biology</i> , 2015 , 15, 1550045	0.7	6
56	Review of Literature on Measurements of Non-invasive Break Up Times, Lipid Morphology and Tear Meniscal Height Using Commercially Available Hand-held Instruments. <i>Current Eye Research</i> , 2018 , 43, 567-575	2.9	6
55	Linc-9432 is a novel pterygium lincRNA which regulates differentiation of fibroblasts. <i>FEBS Letters</i> , 2018 , 592, 1173-1184	3.8	6
54	Passing the DVLA field regulations following bilateral macular photocoagulation in diabetics. <i>Eye</i> , 2000 , 14 (Pt 1), 35-8	4.4	6
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