

Louis Mg Tong

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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	Impact of Incomplete Blinking Analyzed Using a Deep Learning Model With the Keratograph 5M in Dry Eye Disease.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 38	3.3	0
224	The ocular surface and diabetes, the other 21st Century epidemic.. <i>Experimental Eye Research</i> , 2022 , 109099	3.7	0
223	Evaluation of ocular surface and tear function - A review of current approaches for dry eye. <i>Indian Journal of Ophthalmology</i> , 2022 , 70, 1883	1.6	
222	A Systematic Review on the Association Between Tear Film Metrics and Higher Order Aberrations in Dry Eye Disease and Treatment. <i>Ophthalmology and Therapy</i> , 2021 , 1	5	1
221	Changes in Tear Proteome After Acupuncture Treatment in Dry Eye. <i>Clinical Ophthalmology</i> , 2021 , 15, 4585-4590	2.5	
220	A Review of the Impact of Alterations in Gut Microbiome on the Immunopathogenesis of Ocular Diseases. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
219	Role of anterior segment optical coherence tomography angiography in assessing limbal vasculature in acute chemical injury of the eye. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	3
218	Comparison of tear proteomic and neuromediator profiles changes between small incision lenticule extraction (SMILE) and femtosecond laser-assisted in-situ keratomileusis (LASIK). <i>Journal of Advanced Research</i> , 2021 , 29, 67-81	13	6
217	Corneal Collagen Cross-Linking Pretreatment Mitigates Injury-Induced Inflammation, Hemangiogenesis and Lymphangiogenesis In Vivo. <i>Translational Vision Science and Technology</i> , 2021 , 10, 11	3.3	1
216	Cyclosporine Anionic and Cationic Ophthalmic Emulsions in Dry Eye Disease: A Literature Review. <i>Ocular Immunology and Inflammation</i> , 2020 , 1-10	2.8	0
215	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
214	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
213	Change of tear lipid mediators in a post-trabeculectomy cohort. <i>Ocular Surface</i> , 2020 , 18, 565-574	6.5	3
212	Thoughts concerning the application of thermogram images for automated diagnosis of dry eye: A review. <i>Infrared Physics and Technology</i> , 2020 , 106, 103271	2.7	1
211	Severe dysfunctional tear syndrome patients and resolution of central corneal staining: retrospective cohort study. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1669-1675	5.5	2
210	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
209	A Review on Evidence-Based Treatments for Meibomian Gland Dysfunction. <i>Eye and Contact Lens</i> , 2020 , 46, 3-16	3.2	24

208	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
207	Profile of tear lipid mediator as a biomarker of inflammation for meibomian gland dysfunction and ocular surface diseases: Standard operating procedures. <i>Ocular Surface</i> , 2020 ,	6.5	3
206	Short-Term Changes in Tear Lipid Layer Thickness After Instillation of Lipid Containing Eye Drops. <i>Translational Vision Science and Technology</i> , 2020 , 9, 29	3.3	2
205	Novel Cytokine Multiplex Assay for Tear Fluid Analysis in Sjogren's Syndrome. <i>Ocular Immunology and Inflammation</i> , 2020 , 1-6	2.8	4
204	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
203	Polysaccharide Suppresses Expression of Fibrotic Proteins in Primary Human Corneal Fibroblasts. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
202	Objective Imaging Diagnostics for Dry Eye Disease. <i>Journal of Ophthalmology</i> , 2020 , 2020, 3509064	2	7
201	Evaluation of Strip Meniscometry and Association with Clinical and Demographic Variables in a Community Eye Study (in Bangladesh). <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
200	Prevalence and Risk Factors of Severe Dry Eye in Bangladesh-Based Factory Garment Workers. <i>Diagnostics</i> , 2020 , 10,	3.8	3
199	Changes of tear lipid mediators after eyelid warming or thermopulsation treatment for meibomian gland dysfunction. <i>Prostaglandins and Other Lipid Mediators</i> , 2020 , 151, 106474	3.7	6
198	Ocular surface manifestations of coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis 2020 , 15, e0241661		
197	Ocular surface manifestations of coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis 2020 , 15, e0241661		
196	Ocular surface manifestations of coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis 2020 , 15, e0241661		
195	Ocular surface manifestations of coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis 2020 , 15, e0241661		
194	Relationship Between Sleep and Symptoms of Tear Dysfunction in Singapore Malays and Indians 2019 , 60, 1889-1897		9
193	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
192	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
191	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

190	Update on the role of impression cytology in ocular surface disease. <i>Taiwan Journal of Ophthalmology</i> , 2019 , 9, 141-149	1.4	11
189	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
188	Systematic Review on Therapeutic Strategies to Minimize Corneal Stromal Scarring After Injury. <i>Eye and Contact Lens</i> , 2019 , 45, 347-355	3.2	5
187	The penetration and distribution of topical atropine in animal ocular tissues. <i>Acta Ophthalmologica</i> , 2019 , 97, e238-e247	3.7	16
186	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
185	Linc-9432 is a novel pterygium lincRNA which regulates differentiation of fibroblasts. <i>FEBS Letters</i> , 2018 , 592, 1173-1184	3.8	6
184	Effects of environment pollution on the ocular surface. <i>Ocular Surface</i> , 2018 , 16, 198-205	6.5	74
183	Meibomian gland dysfunction and blepharokeratoconjunctivitis: spectrum of one disease?. <i>Acta Ophthalmologica</i> , 2018 , 96, e655	3.7	1
182	Zika Virus and the Eye. <i>Ocular Immunology and Inflammation</i> , 2018 , 26, 654-659	2.8	20
181	Expression, Regulation, and Effects of Interleukin-17f in the Human Ocular Surface. <i>Ocular Immunology and Inflammation</i> , 2018 , 26, 1069-1077	2.8	5
180	Factors that influence tear meniscus area and conjunctivochalasis: The Singapore Indian eye study. <i>Ophthalmic Epidemiology</i> , 2018 , 25, 70-78	1.9	5
179	Dry eye disease and oxidative stress. <i>Acta Ophthalmologica</i> , 2018 , 96, e412-e420	3.7	104
178	Tear eicosanoids in healthy people and ocular surface disease. <i>Scientific Reports</i> , 2018 , 8, 11296	4.9	22
177	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
176	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
175	Coping with dry eyes: a qualitative approach. <i>BMC Ophthalmology</i> , 2018 , 18, 8	2.3	7
174	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
173	Mechanistic role of transglutaminase-2 in focal adhesions. <i>Scientific Reports</i> , 2018 , 8, 12370	4.9	5

172	Altered expression level of inflammation-related genes and long-term changes in ocular surface after trabeculectomy, a prospective cohort study. <i>Ocular Surface</i> , 2018 , 16, 441-447	6.5	4
171	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
170	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
169	Topical Delivery of Senicapoc Nanoliposomal Formulation for Ocular Surface Treatments. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	10
168	Level of tear cytokines in population-level participants and correlation with clinical features. <i>Cytokine</i> , 2018 , 110, 452-458	4	8
167	Dataset of longitudinal analysis of tear cytokine levels, CD4, CD8 counts and HIV viral load in dry eye patients with HIV infection. <i>Data in Brief</i> , 2017 , 11, 152-154	1.2	3
166	Evaluation of Evaporative Dry Eye Disease Using Thermal Images of Ocular Surface Regions with DWT and Gabor Transform. <i>Series in Bioengineering</i> , 2017 , 359-375	0.7	
165	Effects of punctal occlusion on global tear proteins in patients with dry eye. <i>Ocular Surface</i> , 2017 , 15, 736-741	6.5	11
164	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
163	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
162	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
161	A systematic review on the impact of diabetes mellitus on the ocular surface. <i>Nutrition and Diabetes</i> , 2017 , 7, e251	4.7	73
160	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
159	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
158	PERFORMANCE EVALUATION OF DRY EYE DETECTION SYSTEM USING HIGHER-ORDER SPECTRA FEATURES FOR DIFFERENT NOISE LEVELS IN IR THERMAL IMAGES. <i>Journal of Mechanics in Medicine and Biology</i> , 2017 , 17, 1740010	0.7	1
157	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
156	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
155	Ocular lubricant use in medically and surgically treated glaucoma: a retrospective longitudinal analysis. <i>Clinical Ophthalmology</i> , 2017 , 11, 1191-1196	2.5	7

154	A Non-invasive Way to Isolate and Phenotype Cells from the Conjunctiva. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	2
153	TFOS DEWS II Diagnostic Methodology report. <i>Ocular Surface</i> , 2017 , 15, 539-574	6.5	720
152	A Chronic Autoimmune Dry Eye Rat Model with Increase in Effector Memory T Cells in Eyeball Tissue. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	5
151	Preoperative optimization of ocular surface disease before cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2017 , 43, 1596-1607	2.3	25
150	Review of autoantigens in Sjögren's syndrome: an update. <i>Journal of Inflammation Research</i> , 2017 , 10, 97-105	4.8	20
149	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
148	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
147	Need for Animal Models of Meibomian Gland Dysfunction. <i>Ophthalmology and Therapy</i> , 2016 , 5, 129-134	5	8
146	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
145	Clinical Trial of Thermal Pulsation (LipiFlow) in Meibomian Gland Dysfunction With Pre-treatment Meibography. <i>Eye and Contact Lens</i> , 2016 , 42, 339-346	3.2	31
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	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
142	Longitudinal Changes in Tear Evaporation Rates After Eyelid Warming Therapies in Meibomian Gland Dysfunction 2016 , 57, 1974-81		22
141	Effects of wearing a daily disposable lens on tear film: a randomised controlled trial. <i>Australasian journal of optometry</i> , 2016 , 99, 241-7	2.7	10
140	In vitro secretomics study of pterygium-derived fibroblasts by iTRAQ-based quantitative proteomics strategy. <i>Experimental Eye Research</i> , 2016 , 153, 14-22	3.7	5
139	Automated diagnosis of dry eye using infrared thermography images. <i>Infrared Physics and Technology</i> , 2015 , 71, 263-271	2.7	18
138	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
137	Specialized moisture retention eyewear for evaporative dry eye. <i>Current Eye Research</i> , 2015 , 40, 490-5	2.9	12

136	Barrier function in the ocular surface: from conventional paradigms to new opportunities. <i>Ocular Surface</i> , 2015 , 13, 103-9	6.5	30
135	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
134	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
133	More to stable tears than thickness of the tear film lipid layer. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 1601		18
132	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
131	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
130	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
129	Lipid-Based Therapy for Ocular Surface Inflammation and Disease. <i>Trends in Molecular Medicine</i> , 2015 , 21, 736-748	11.5	31
128	Automated detection of age-related macular degeneration using empirical mode decomposition. <i>Knowledge-Based Systems</i> , 2015 , 89, 654-668	7.3	23
127	Ocular surface disease in posttrabeculectomy/mitomycin C patients. <i>Clinical Ophthalmology</i> , 2015 , 9, 187-91	2.5	13
126	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
125	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
124	MicroRNA-215 Regulates Fibroblast Function: Insights from a Human Fibrotic Disease. <i>Cell Cycle</i> , 2015 , 14, 1973-84	4.7	26
123	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
122	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
121	S100A proteins as molecular targets in the ocular surface inflammatory diseases. <i>Ocular Surface</i> , 2014 , 12, 23-31	6.5	47
120	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
119	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

118	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
117	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
116	The eye: a window of opportunity in rheumatoid arthritis?. <i>Nature Reviews Rheumatology</i> , 2014 , 10, 552-60		32
115	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
114	Comparative analysis of two femtosecond LASIK platforms using iTRAQ quantitative proteomics 2014 , 55, 3396-402		13
113	Lost to follow-up for appointments in a dedicated dry eye clinic. <i>Patient Preference and Adherence</i> , 2014 , 8, 1409-18	2.4	3
112	Practical issues concerning tear protein assays in dry eye. <i>Eye and Vision (London, England)</i> , 2014 , 1, 6	4.9	22
111	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
110	Rho protein GTPases and their interactions with NFB: crossroads of inflammation and matrix biology. <i>Bioscience Reports</i> , 2014 , 34,	4.1	96
109	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
108	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
107	A Randomized, Controlled Treatment Trial of Eyelid-Warming Therapies in Meibomian Gland Dysfunction. <i>Ophthalmology and Therapy</i> , 2014 , 3, 37-48	5	35
106	Patient acceptability of tear collection in the primary healthcare setting. <i>Optometry and Vision Science</i> , 2014 , 91, 452-8	2.1	20
105	Autologous plasma eyedrops prepared in a closed system: a treatment for dry eye. <i>Eye</i> , 2013 , 27, 1102	4.4	7
104	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
103	Conjunctivochalasis is the precursor to pterygium. <i>Medical Hypotheses</i> , 2013 , 81, 927-30	3.8	7
102	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
101	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

100	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
99	Effect of chronic anti-glaucoma medications and trabeculectomy on tear osmolarity. <i>Eye</i> , 2013 , 27, 1142-50	4.4	36
98	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
97	Corneal refractive surgery-related dry eye: risk factors and management. <i>Expert Review of Ophthalmology</i> , 2013 , 8, 561-575	1.5	1
96	Transglutaminase-2 in cell adhesion: all roads lead to paxillin?. <i>Cell Adhesion and Migration</i> , 2013 , 7, 412-3	3.2	7
95	Corneal staining characteristics in limited zones compared with whole cornea documentation for the detection of dry eye subtypes 2013 , 54, 8013-9		16
94	Repeatability of a new method for measuring tear evaporation rates. <i>Optometry and Vision Science</i> , 2013 , 90, 366-71	2.1	17
93	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
92	Rho GTPases and regulation of cell migration and polarization in human corneal epithelial cells. <i>PLoS ONE</i> , 2013 , 8, e77107	3.7	17
91	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
90	Dry eye. <i>BMJ, The</i> , 2012 , 345, e7533	5.9	4
89	Focus on molecules: Phospholipase D. <i>Experimental Eye Research</i> , 2012 , 103, 121-2	3.7	2
88	Nuclear Factor- κ B: central regulator in ocular surface inflammation and diseases. <i>Ocular Surface</i> , 2012 , 10, 137-48	6.5	95
87	Expression, purification and characterization of fourth FAS1 domain of TGF β -associated corneal dystrophic mutants. <i>Protein Expression and Purification</i> , 2012 , 84, 108-15	2	14
86	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
85	Cost of dry eye treatment in an Asian clinic setting. <i>PLoS ONE</i> , 2012 , 7, e37711	3.7	34
84	Correlation between tear matrix metalloproteinases and the SchirmerQ test 2012 , 53, 1592		2
83	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

82	The dry eye disease activity log study. <i>Scientific World Journal, The</i> , 2012 , 2012, 589875	2.2	23
81	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
80	Involvement of SPARC and MMP-3 in the pathogenesis of human pterygium 2012 , 53, 587-95		31
79	Detection of meibomian glands and classification of meibography images. <i>Journal of Biomedical Optics</i> , 2012 , 17, 086008	3.5	45
78	Lipid-containing lubricants for dry eye: a systematic review. <i>Optometry and Vision Science</i> , 2012 , 89, 1654-61	4.6	46
77	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
76	Assessment and Management of Dry Eye Patients for Non-Ophthalmic Healthcare Practitioners. <i>Proceedings of Singapore Healthcare</i> , 2012 , 21, 15-22	0.5	2
75	Prevalence and risk factors of meibomian gland dysfunction: the Singapore Malay eye study. <i>Cornea</i> , 2012 , 31, 1223-8	3.1	64
74	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
73	Myopia-related optic disc and retinal changes in adolescent children from singapore. <i>Ophthalmology</i> , 2011 , 118, 2050-7	7.3	178
72	Comments: acupuncture for treating dry eye: a randomized placebo-controlled trial. <i>Acta Ophthalmologica</i> , 2011 , 89, e371-2; author reply e372	3.7	3
71	Non-hormonal systemic medications and dry eye. <i>Ocular Surface</i> , 2011 , 9, 212-26	6.5	52
70	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
69	Aberrant DNA methylation of matrix remodeling and cell adhesion related genes in pterygium. <i>PLoS ONE</i> , 2011 , 6, e14687	3.7	34
68	The use of HRT with and without the aid of disc photographs. <i>Journal of Glaucoma</i> , 2011 , 20, 207-10	2.1	3
67	A new method of high-speed cellular protein separation and insight into subcellular compartmentalization of proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 767-75	4.4	2
66	Hyperosmolarity-mediated mitochondrial dysfunction requires Transglutaminase-2 in human corneal epithelial cells. <i>Journal of Cellular Physiology</i> , 2011 , 226, 693-9	7	23
65	The nuclear-factor kappaB pathway is activated in pterygium 2011 , 52, 230-6		36

64	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
63	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
62	Proteomic profiling of inflammatory signaling molecules in the tears of patients on chronic glaucoma medication 2011 , 52, 7385-91		74
61	Transglutaminases (TGs) in ocular and periocular tissues: effect of muscarinic agents on TGs in scleral fibroblasts. <i>PLoS ONE</i> , 2011 , 6, e18326	3.7	2
60	Meibum lipid composition in Asians with dry eye disease. <i>PLoS ONE</i> , 2011 , 6, e24339	3.7	118
59	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
58	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
57	Distribution and determinants of ocular biometric parameters in an Asian population: the Singapore Malay eye study 2010 , 51, 103-9		55
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