

Kazuo Tsubota

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739 papers	27,638 citations	84 h-index	135 g-index
783 ext. papers	32,326 ext. citations	4.5 avg, IF	7.12 L-index

#	Paper	IF	Citations
739	TFOS DEWS II Definition and Classification Report. <i>Ocular Surface</i> , 2017 , 15, 276-283	6.5	1099
738	The international workshop on meibomian gland dysfunction: executive summary 2011 , 52, 1922-9		545
737	Treatment of severe ocular-surface disorders with corneal epithelial stem-cell transplantation. <i>New England Journal of Medicine</i> , 1999 , 340, 1697-703	59.2	387
736	Surgical reconstruction of the ocular surface in advanced ocular cicatricial pemphigoid and Stevens-Johnson syndrome. <i>American Journal of Ophthalmology</i> , 1996 , 122, 38-52	4.9	385
735	The international workshop on meibomian gland dysfunction: report of the subcommittee on management and treatment of meibomian gland dysfunction 2011 , 52, 2050-64		352
734	Impaired functional visual acuity of dry eye patients. <i>American Journal of Ophthalmology</i> , 2002 , 133, 181-6	4.9	327
733	Drusen, choroidal neovascularization, and retinal pigment epithelium dysfunction in SOD1-deficient mice: a model of age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 11282-7	11.5	325
732	Amniotic membrane transplantation for ocular surface reconstruction in patients with chemical and thermal burns. <i>Ophthalmology</i> , 1997 , 104, 2068-76	7.3	314
731	Antiinflammatory effects of amniotic membrane transplantation in ocular surface disorders. <i>Cornea</i> , 2001 , 20, 408-13	3.1	280
730	Transplantation of human limbal epithelium cultivated on amniotic membrane for the treatment of severe ocular surface disorders. <i>Ophthalmology</i> , 2002 , 109, 1285-90	7.3	258
729	Dry eyes and video display terminals. <i>New England Journal of Medicine</i> , 1993 , 328, 584	59.2	257
728	Randomized clinical trial of deep lamellar keratoplasty vs penetrating keratoplasty. <i>American Journal of Ophthalmology</i> , 2002 , 134, 159-65	4.9	250
727	New Perspectives on Dry Eye Definition and Diagnosis: A Consensus Report by the Asia Dry Eye Society. <i>Ocular Surface</i> , 2017 , 15, 65-76	6.5	245
726	Tear dynamics and dry eye. <i>Progress in Retinal and Eye Research</i> , 1998 , 17, 565-96	20.5	245
725	Prevalence of dry eye disease among Japanese visual display terminal users. <i>Ophthalmology</i> , 2008 , 115, 1982-8	7.3	229
724	Meibomian gland dysfunction in patients with Sjögren syndrome. <i>Ophthalmology</i> , 1998 , 105, 1485-8	7.3	221
723	Autologous serum application in the treatment of neurotrophic keratopathy. <i>Ophthalmology</i> , 2004 , 111, 1115-20	7.3	220

722	Revised Japanese criteria for Sjögren's syndrome (1999): availability and validity. <i>Modern Rheumatology</i> , 2004 , 14, 425-34	3.3	211
721	Prevalence of dry eye disease and its risk factors in visual display terminal users: the Osaka study. <i>American Journal of Ophthalmology</i> , 2013 , 156, 759-66	4.9	208
720	Reconstruction of the corneal epithelium by limbal allograft transplantation for severe ocular surface disorders. <i>Ophthalmology</i> , 1995 , 102, 1486-96	7.3	208
719	New grading system for the evaluation of chronic ocular manifestations in patients with Stevens-Johnson syndrome. <i>Ophthalmology</i> , 2007 , 114, 1294-302	7.3	199
718	Defective cellular trafficking of lacrimal gland aquaporin-5 in Sjögren's syndrome. <i>Lancet, The</i> , 2001 , 357, 688-9	4.0	199
717	Effects of blue light on the circadian system and eye physiology. <i>Molecular Vision</i> , 2016 , 22, 61-72	2.3	192
716	The effect of autologous serum eyedrops in the treatment of severe dry eye disease: a prospective randomized case-control study. <i>American Journal of Ophthalmology</i> , 2005 , 139, 242-6	4.9	190
715	Prevalence and risk factors of dry eye disease in Japan: Koumi study. <i>Ophthalmology</i> , 2011 , 118, 2361-7	7.3	189
714	Blinking is controlled primarily by ocular surface conditions. <i>American Journal of Ophthalmology</i> , 1997 , 124, 24-30	4.9	189
713	Multilayered amniotic membrane transplantation for severe ulceration of the cornea and sclera. <i>American Journal of Ophthalmology</i> , 2001 , 131, 324-31	4.9	177
712	Laboratory findings in tear fluid analysis. <i>Clinica Chimica Acta</i> , 2006 , 369, 17-28	6.2	173
711	Ocular fatigue is the major symptom of dry eye. <i>Acta Ophthalmologica</i> , 1993 , 71, 347-52	3.7	170
710	Isolation of multipotent neural crest-derived stem cells from the adult mouse cornea. <i>Stem Cells</i> , 2006 , 24, 2714-22	5.8	169
709	Effects of ocular surface area and blink rate on tear dynamics. <i>JAMA Ophthalmology</i> , 1995 , 113, 155-8		160
708	Results of a population-based questionnaire on the symptoms and lifestyles associated with dry eye. <i>Cornea</i> , 1999 , 18, 408-11	3.1	159
707	Suppression of diabetes-induced retinal inflammation by blocking the angiotensin II type 1 receptor or its downstream nuclear factor-kappaB pathway. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4342-50		158
706	Decrease in corneal sensitivity and change in tear function in dry eye. <i>Cornea</i> , 1996 , 15, 235-9	3.1	157
705	Important concepts for treating ocular surface and tear disorders. <i>American Journal of Ophthalmology</i> , 1997 , 124, 825-35	4.9	154

704	Quantitative videographic analysis of blinking in normal subjects and patients with dry eye. <i>JAMA Ophthalmology</i> , 1996 , 114, 715-20		151
703	Abnormal protein profiles in tears with dry eye syndrome. <i>American Journal of Ophthalmology</i> , 2003 , 136, 291-9	4.9	147
702	Dry eye with only decreased tear break-up time is sometimes associated with allergic conjunctivitis. <i>Ophthalmology</i> , 1995 , 102, 302-9	7.3	145
701	Application of visante optical coherence tomography tear meniscus height measurement in the diagnosis of dry eye disease. <i>Ophthalmology</i> , 2010 , 117, 1923-9	7.3	143
700	Tear evaporation dynamics in normal subjects and subjects with obstructive meibomian gland dysfunction. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 533-9		143
699	Cytokeratin 15 can be used to identify the limbal phenotype in normal and diseased ocular surfaces. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4780-6		137
698	The features of dry eye disease in a Japanese elderly population. <i>Optometry and Vision Science</i> , 2006 , 83, 797-802	2.1	136
697	Practical double vital staining for ocular surface evaluation. <i>Cornea</i> , 1993 , 12, 366-7	3.1	133
696	Involvement of oxidative stress on corneal epithelial alterations in a blink-suppressed dry eye. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 1552-8		128
695	Association between meibomian gland changes and aging, sex, or tear function. <i>Cornea</i> , 2006 , 25, 651-5	3.1	126
694	(Pro)renin receptor-mediated signal transduction and tissue renin-angiotensin system contribute to diabetes-induced retinal inflammation. <i>Diabetes</i> , 2009 , 58, 1625-33	0.9	123
693	Dry eye disease and work productivity loss in visual display users: the Osaka study. <i>American Journal of Ophthalmology</i> , 2014 , 157, 294-300	4.9	120
692	International Chronic Ocular Graft-vs-Host-Disease (GVHD) Consensus Group: proposed diagnostic criteria for chronic GVHD (Part I). <i>Scientific Reports</i> , 2013 , 3, 3419	4.9	120
691	Neuroprotective effect of an antioxidant, lutein, during retinal inflammation 2009 , 50, 1433-9		120
690	Neuroprotective effects of lutein in the retina. <i>Current Pharmaceutical Design</i> , 2012 , 18, 51-6	3.3	118
689	Macular pigment lutein is antiinflammatory in preventing choroidal neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2555-62	9.4	118
688	Long-term outcome of cultivated oral mucosal epithelial sheet transplantation in treatment of total limbal stem cell deficiency. <i>Ophthalmology</i> , 2011 , 118, 1524-30	7.3	117
687	Treatment of superior limbic keratoconjunctivitis by application of autologous serum. <i>Cornea</i> , 2001 , 20, 807-10	3.1	116

686	Treatment of severe dry eye. <i>Lancet, The</i> , 1996 , 348, 123	4.0	114
685	TFOS DEWS II Introduction. <i>Ocular Surface</i> , 2017 , 15, 269-275	6.5	113
684	Clinical and molecular characteristics of childhood-onset Stargardt disease. <i>Ophthalmology</i> , 2015 , 122, 326-34	7.3	111
683	The application of a new continuous functional visual acuity measurement system in dry eye syndromes. <i>American Journal of Ophthalmology</i> , 2005 , 139, 253-8	4.9	109
682	Deep anterior lamellar keratoplasty. <i>Current Opinion in Ophthalmology</i> , 2006 , 17, 349-55	5.1	109
681	A randomised, double-masked comparison study of diquafosol versus sodium hyaluronate ophthalmic solutions in dry eye patients. <i>British Journal of Ophthalmology</i> , 2012 , 96, 1310-5	5.5	108
680	The importance of the Schirmer test with nasal stimulation. <i>American Journal of Ophthalmology</i> , 1991 , 111, 106-8	4.9	106
679	NAMPT-Mediated NAD(+) Biosynthesis Is Essential for Vision In Mice. <i>Cell Reports</i> , 2016 , 17, 69-85	10.6	106
678	Angiotensin II type 1 receptor-mediated inflammation is required for choroidal neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2252-9	9.4	105
677	Angiotensin II type 1 receptor signaling contributes to synaptophysin degradation and neuronal dysfunction in the diabetic retina. <i>Diabetes</i> , 2008 , 57, 2191-8	0.9	104
676	A new method for tear film stability analysis using videokeratography. <i>American Journal of Ophthalmology</i> , 2003 , 135, 607-12	4.9	100
675	Beta-catenin activation and epithelial-mesenchymal transition in the pathogenesis of pterygium. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 1511-7		99
674	A new noninvasive tear stability analysis system for the assessment of dry eyes. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 1369-74		98
673	Tearful relations: oxidative stress, inflammation and eye diseases. <i>Arquivos Brasileiros De Oftalmologia</i> , 2008 , 71, 72-9	1.1	97
672	Evaluation of lipid oxidative stress status in Sjögren syndrome patients 2013 , 54, 201-10		96
671	Neuroprotective effects of angiotensin II type 1 receptor (AT1R) blocker, telmisartan, via modulating AT1R and AT2R signaling in retinal inflammation. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 5545-52		96
670	Expression of cell adhesion molecules in the salivary and lacrimal glands of Sjogren's syndrome. <i>Journal of Clinical Laboratory Analysis</i> , 1993 , 7, 180-7	3	95
669	A longitudinal study of Stargardt disease: quantitative assessment of fundus autofluorescence, progression, and genotype correlations 2013 , 54, 8181-90		94

668	Efficacy and safety of diquafosol ophthalmic solution in patients with dry eye syndrome: a Japanese phase 2 clinical trial. <i>Ophthalmology</i> , 2012 , 119, 1954-60	7.3	93
667	Increased Tear Fluid Production as a Compensatory Response to Meibomian Gland Loss: A Multicenter Cross-sectional Study. <i>Ophthalmology</i> , 2015 , 122, 925-33	7.3	92
666	Hydrogen and N-acetyl-L-cysteine rescue oxidative stress-induced angiogenesis in a mouse corneal alkali-burn model 2011 , 52, 427-33		92
665	Retinal dysfunction and progressive retinal cell death in SOD1-deficient mice. <i>American Journal of Pathology</i> , 2008 , 172, 1325-31	5.8	92
664	Functional lacrimal gland regeneration by transplantation of a bioengineered organ germ. <i>Nature Communications</i> , 2013 , 4, 2497	17.4	91
663	Age-related dysfunction of the lacrimal gland and oxidative stress: evidence from the Cu,Zn-superoxide dismutase-1 (Sod1) knockout mice. <i>American Journal of Pathology</i> , 2012 , 180, 1879-96	5.8	90
662	Autologous serum eye drops for the treatment of dry eye diseases. <i>Cornea</i> , 2008 , 27 Suppl 1, S25-30	3.1	90
661	A longitudinal study of stargardt disease: clinical and electrophysiologic assessment, progression, and genotype correlations. <i>American Journal of Ophthalmology</i> , 2013 , 155, 1075-1088.e13	4.9	88
660	Induction of epithelial progenitors in vitro from mouse embryonic stem cells and application for reconstruction of damaged cornea in mice. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 4320-6		88
659	Functional corneal endothelium derived from corneal stroma stem cells of neural crest origin by retinoic acid and Wnt/βcatenin signaling. <i>Stem Cells and Development</i> , 2013 , 22, 828-39	4.4	87
658	The efficacy, sensitivity, and specificity of in vivo laser confocal microscopy in the diagnosis of meibomian gland dysfunction. <i>Ophthalmology</i> , 2010 , 117, 665-72	7.3	87
657	Roles of AMP-activated protein kinase in diabetes-induced retinal inflammation 2011 , 52, 9142-8		85
656	Epithelial ingrowth after laser in situ keratomileusis: clinical features and possible mechanisms. <i>American Journal of Ophthalmology</i> , 2002 , 134, 801-7	4.9	85
655	Clinical and molecular analysis of Stargardt disease with preserved foveal structure and function. <i>American Journal of Ophthalmology</i> , 2013 , 156, 487-501.e1	4.9	84
654	Suppression of ocular inflammation in endotoxin-induced uveitis by inhibiting nonproteolytic activation of prorenin. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 2686-92		84
653	Violet Light Exposure Can Be a Preventive Strategy Against Myopia Progression. <i>EBioMedicine</i> , 2017 , 15, 210-219	8.8	82
652	A review on the epidemiology of myopia in school children worldwide. <i>BMC Ophthalmology</i> , 2020 , 20, 27	2.3	82
651	Three different types of dry eye syndrome. <i>Cornea</i> , 1994 , 13, 202-9	3.1	82

650	Autologous Serum Eye Drops for Dry Eye After LASIK. <i>Journal of Refractive Surgery</i> , 2006 , 22, 61-66	3.3	81
649	Resveratrol prevents light-induced retinal degeneration via suppressing activator protein-1 activation. <i>American Journal of Pathology</i> , 2010 , 177, 1725-31	5.8	80
648	Conjunctival epithelium expression of HLA-DR in dry eye patients. <i>Ophthalmologica</i> , 1999 , 213, 16-9	3.7	80
647	Oxidative stress induced inflammation initiates functional decline of tear production. <i>PLoS ONE</i> , 2012 , 7, e45805	3.7	79
646	Comparison of deep lamellar keratoplasty and penetrating keratoplasty for lattice and macular corneal dystrophies. <i>American Journal of Ophthalmology</i> , 2006 , 142, 304-9	4.9	79
645	The use of induced pluripotent stem cells to reveal pathogenic gene mutations and explore treatments for retinitis pigmentosa. <i>Molecular Brain</i> , 2014 , 7, 45	4.5	78
644	Lacrimal hypofunction as a new mechanism of dry eye in visual display terminal users. <i>PLoS ONE</i> , 2010 , 5, e11119	3.7	78
643	Corneal fluorescein staining correlates with visual function in dry eye patients 2011 , 52, 9516-22		78
642	Vision preservation during retinal inflammation by anthocyanin-rich bilberry extract: cellular and molecular mechanism. <i>Laboratory Investigation</i> , 2012 , 92, 102-9	5.9	78
641	Melanocytes in the corneal limbus interact with K19-positive basal epithelial cells. <i>Experimental Eye Research</i> , 2005 , 81, 218-23	3.7	78
640	Strip meniscometry: a new and simple method of tear meniscus evaluation. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 1895-901		78
639	Inhibition of choroidal neovascularization with an anti-inflammatory carotenoid astaxanthin. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 1679-85		77
638	Concept of functional visual acuity and its applications. <i>Cornea</i> , 2007 , 26, S29-35	3.1	77
637	Successful treatment of dry eye in two patients with chronic graft-versus-host disease with systemic administration of FK506 and corticosteroids. <i>Cornea</i> , 2001 , 20, 430-4	3.1	77
636	The application of in vivo laser confocal microscopy to the diagnosis and evaluation of meibomian gland dysfunction. <i>Molecular Vision</i> , 2008 , 14, 1263-71	2.3	77
635	The impact of contact lens wear and visual display terminal work on ocular surface and tear functions in office workers. <i>American Journal of Ophthalmology</i> , 2011 , 152, 933-940.e2	4.9	76
634	Improved functional visual acuity after punctal occlusion in dry eye patients. <i>American Journal of Ophthalmology</i> , 2003 , 135, 704-5	4.9	76
633	Global rise of potential health hazards caused by blue light-induced circadian disruption in modern aging societies. <i>Npj Aging and Mechanisms of Disease</i> , 2017 , 3, 9	5.5	75

632	Proliferation and differentiation of transplantable rabbit epithelial sheets engineered with or without an amniotic membrane carrier. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 597-604		75
631	Japan Ministry of Health study on prevalence of dry eye disease among Japanese high school students. <i>American Journal of Ophthalmology</i> , 2008 , 146, 925-9.e2	4.9	74
630	Potential Role of Oxidative Stress in Ocular Surface Inflammation and Dry Eye Disease 2018 , 59, DES163-DES168		74
629	Biological role of lutein in the light-induced retinal degeneration. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 423-9	6.3	73
628	The evaluation of the treatment response in obstructive meibomian gland disease by in vivo laser confocal microscopy. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2009 , 247, 821-9	3.8	73
627	Endoscopic injection sclerotherapy for 1,000 patients with esophageal varices: a nine-year prospective study. <i>Hepatology</i> , 1992 , 15, 69-75	11.2	73
626	Conjunctival in vivo confocal scanning laser microscopy in patients with Sjögren syndrome 2010 , 51, 144-50		72
625	Factors influencing outcomes in cultivated limbal epithelial transplantation for chronic cicatricial ocular surface disorders. <i>American Journal of Ophthalmology</i> , 2007 , 143, 945-53	4.9	72
624	Subthreshold UV radiation-induced peroxide formation in cultured corneal epithelial cells: the protective effects of lactoferrin. <i>Experimental Eye Research</i> , 1996 , 63, 519-26	3.7	72
623	Importance of tear film instability in dry eye disease in office workers using visual display terminals: the Osaka study. <i>American Journal of Ophthalmology</i> , 2015 , 159, 748-54	4.9	71
622	The use of human mesenchymal stem cell-derived feeder cells for the cultivation of transplantable epithelial sheets 2009 , 50, 2109-15		71
621	Computer-synthesis of an interference color chart of human tear lipid layer, by a colorimetric approach. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 4693-7		69
620	Suppression of ocular inflammation in endotoxin-induced uveitis by blocking the angiotensin II type 1 receptor. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 2925-31		69
619	The contribution of the posterior surface to the corneal aberrations in eyes after keratoplasty 2011 , 52, 6222-9		68
618	Efficacy of a new warm moist air device on tear functions of patients with simple meibomian gland dysfunction. <i>Cornea</i> , 2006 , 25, 644-50	3.1	68
617	Portal and gastric mucosal hemodynamics in cirrhotic patients with portal-hypertensive gastropathy. <i>Hepatology</i> , 1994 , 20, 1432-6	11.2	68
616	Role of nonproteolytically activated prorenin in pathologic, but not physiologic, retinal neovascularization. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 422-9		67
615	Serum application for the treatment of ocular surface disorders. <i>International Ophthalmology Clinics</i> , 2000 , 40, 113-22	1.7	67

614	Neural degeneration in the retina of the streptozotocin-induced type 1 diabetes model. <i>Experimental Diabetes Research</i> , 2011 , 2011, 108328		66
613	Noninvasive interference tear meniscometry in dry eye patients with Sjögren syndrome. <i>American Journal of Ophthalmology</i> , 2007 , 144, 232-237	4.9	66
612	Selective suppression of pathologic, but not physiologic, retinal neovascularization by blocking the angiotensin II type 1 receptor. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 1078-84		66
611	High prevalence of sleep and mood disorders in dry eye patients: survey of 1,000 eye clinic visitors. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 889-94	3.1	65
610	Alteration of tear mucin 5AC in office workers using visual display terminals: The Osaka Study. <i>JAMA Ophthalmology</i> , 2014 , 132, 985-92	3.9	65
609	Classification of Fluorescein Breakup Patterns: A Novel Method of Differential Diagnosis for Dry Eye. <i>American Journal of Ophthalmology</i> , 2017 , 180, 72-85	4.9	64
608	Hydroxypropyl methylcellulose for the treatment of severe dry eye associated with Sjögren's syndrome. <i>Cornea</i> , 1996 , 15, 120-8	3.1	64
607	Lutein acts via multiple antioxidant pathways in the photo-stressed retina. <i>Scientific Reports</i> , 2016 , 6, 30226	4.9	64
606	Predictive factors for non-response to intravitreal ranibizumab treatment in age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1186-91	5.5	62
605	Effect of oral administration of nicotinamide mononucleotide on clinical parameters and nicotinamide metabolite levels in healthy Japanese men. <i>Endocrine Journal</i> , 2020 , 67, 153-160	2.9	61
604	Successful tear lipid layer treatment for refractory dry eye in office workers by low-dose lipid application on the full-length eyelid margin. <i>American Journal of Ophthalmology</i> , 2006 , 142, 264-70	4.9	59
603	Amniotic membrane transplantation with conjunctival autograft for recurrent pterygium. <i>Ophthalmology</i> , 2003 , 110, 119-24	7.3	59
602	Features of obsessive-compulsive disorder in patients primarily diagnosed with schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2003 , 57, 67-74	6.2	57
601	Associations between subjective happiness and dry eye disease: a new perspective from the Osaka study. <i>PLoS ONE</i> , 2015 , 10, e0123299	3.7	57
600	Morphologic evaluation of meibomian glands in chronic graft-versus-host disease using in vivo laser confocal microscopy. <i>Molecular Vision</i> , 2011 , 17, 2533-43	2.3	57
599	Pharmacotherapy of dry eye. <i>Expert Opinion on Pharmacotherapy</i> , 2011 , 12, 325-34	4	56
598	The formation of an angiogenic astrocyte template is regulated by the neuroretina in a HIF-1-dependent manner. <i>Developmental Biology</i> , 2012 , 363, 106-14	3.1	55
597	(Pro)renin receptor promotes choroidal neovascularization by activating its signal transduction and tissue renin-angiotensin system. <i>American Journal of Pathology</i> , 2008 , 173, 1911-8	5.8	55

596	Punctal occlusion in the management of chronic Stevens-Johnson syndrome. <i>Ophthalmology</i> , 2004 , 111, 895-900	7.3	55
595	Interferometry in the evaluation of precorneal tear film thickness in dry eye. <i>American Journal of Ophthalmology</i> , 2011 , 151, 18-23.e1	4.9	54
594	Retinal ganglion cell loss in superoxide dismutase 1 deficiency 2011 , 52, 4143-50		54
593	Donor source affects the outcome of ocular surface reconstruction in chemical or thermal burns of the cornea. <i>Ophthalmology</i> , 2004 , 111, 38-44	7.3	54
592	von Hippel-Lindau protein regulates transition from the fetal to the adult circulatory system in retina. <i>Development (Cambridge)</i> , 2010 , 137, 1563-71	6.6	53
591	Roles of STAT3/SOCS3 pathway in regulating the visual function and ubiquitin-proteasome-dependent degradation of rhodopsin during retinal inflammation. <i>Journal of Biological Chemistry</i> , 2008 , 283, 24561-70	5.4	53
590	Transcorneal electrical stimulation of retina to treat longstanding retinal artery occlusion. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2007 , 245, 1773-80	3.8	53
589	Functional visual acuity in Stevens-Johnson syndrome. <i>American Journal of Ophthalmology</i> , 2006 , 142, 917-22	4.9	53
588	Disruption of cell-cell junctions and induction of pathological cytokines in the retinal pigment epithelium of light-exposed mice 2013 , 54, 4555-62		52
587	Effect of anterior and posterior corneal surface irregularity on vision after Descemet-stripping endothelial keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 688-94	2.3	52
586	Albumin rescues ocular epithelial cells from cell death in dry eye. <i>Current Eye Research</i> , 2007 , 32, 83-8	2.9	52
585	Associations between problematic Internet use and psychiatric symptoms among university students in Japan. <i>Psychiatry and Clinical Neurosciences</i> , 2018 , 72, 531-539	6.2	51
584	Functional MRI of brain activation by eye blinking. <i>Experimental Eye Research</i> , 1999 , 69, 1-7	3.7	51
583	The clinical effect of homozygous ABCA4 alleles in 18 patients. <i>Ophthalmology</i> , 2013 , 120, 2324-31	7.3	50
582	A new mouse model of dry eye disease: oxidative stress affects functional decline in the lacrimal gland. <i>Cornea</i> , 2012 , 31 Suppl 1, S63-7	3.1	50
581	D-beta-hydroxybutyrate protects against corneal epithelial disorders in a rat dry eye model with jogging board. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 2379-87		50
580	Trabeculectomy With the Use of Amniotic Membrane for Uncontrollable Glaucoma. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 1998 , 29, 428-431	1.4	50
579	Effects of diquafosol tetrasodium administration on visual function in short break-up time dry eye. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013 , 29, 595-603	2.6	49

578	The association between primary open-angle glaucoma and motor vehicle collisions 2011 , 52, 4177-81		49
577	Spectacle side panels and moist inserts for the treatment of dry-eye patients. <i>Cornea</i> , 1994 , 13, 197-201	3.1	49
576	Selenoprotein P controls oxidative stress in cornea. <i>PLoS ONE</i> , 2010 , 5, e9911	3.7	48
575	Epithelial mesenchymal transition in human ocular chronic graft-versus-host disease. <i>American Journal of Pathology</i> , 2009 , 175, 2372-81	5.8	48
574	Atopic ocular surface disease: implications on tear function and ocular surface mucins. <i>Cornea</i> , 2005 , 24, S18-S23	3.1	48
573	Efficacy and safety of infrared warming of the eyelids. <i>Cornea</i> , 1999 , 18, 188-93	3.1	48
572	Protective effect of blue-light shield eyewear for adults against light pollution from self-luminous devices used at night. <i>Chronobiology International</i> , 2016 , 33, 134-9	3.6	47
571	Blue light-induced inflammatory marker expression in the retinal pigment epithelium-choroid of mice and the protective effect of a yellow intraocular lens material in vivo. <i>Experimental Eye Research</i> , 2015 , 132, 48-51	3.7	47
570	Immunologic rejection of the central graft after limbal allograft transplantation combined with penetrating keratoplasty. <i>Cornea</i> , 2001 , 20, 149-52	3.1	47
569	The relation of functional visual acuity measurement methodology to tear functions and ocular surface status. <i>Japanese Journal of Ophthalmology</i> , 2011 , 55, 451-459	2.6	46
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236	Ocular Surface and Tear Film Characteristics in a Sclerodermatous Chronic Graft-Versus-Host Disease Mouse Model. <i>Cornea</i> , 2018 , 37, 486-494	3.1	7
235	Functional Role of Lacrimal Gland Fibroblasts in a Mouse Model of Chronic Graft-Versus-Host Disease. <i>Cornea</i> , 2018 , 37, 102-108	3.1	7
234	The Effect of Dietary Supplementation of Crocetin for Myopia Control in Children: A Randomized Clinical Trial. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	7
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229	Blockade of vascular adhesion protein-1 attenuates choroidal neovascularization. <i>Molecular Vision</i> , 2012 , 18, 593-600	2.3	7
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225	Characteristics of Individuals with Dry Eye Symptoms Without Clinical Diagnosis: Analysis of a Web-Based Survey. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
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222	Clinical and Genetic Characteristics of 18 Patients from 13 Japanese Families with CRX-associated retinal disorder: Identification of Genotype-phenotype Association. <i>Scientific Reports</i> , 2020 , 10, 9531	4.9	6
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220	Hypoxia-Inducible Factor Inhibitors Derived from Marine Products Suppress a Murine Model of Neovascular Retinopathy. <i>Nutrients</i> , 2020 , 12,	6.7	6
219	Predicting Future Self-Reported Motor Vehicle Collisions in Subjects with Primary Open-Angle Glaucoma Using the Penalized Support Vector Machine Method. <i>Translational Vision Science and Technology</i> , 2017 , 6, 14	3.3	6

218	Inhibition of Vascular Adhesion Protein-1 for Treatment of Graft-Versus-Host Disease in Mice. <i>FASEB Journal</i> , 2018 , 32, 4085-4095	0.9	6
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208	Elevation of preoperative recipient aqueous cytokine levels in eyes with primary graft failure after corneal transplantation. <i>Molecular Vision</i> , 2018 , 24, 613-620	2.3	6
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138	Updates on the Current Treatments for Diabetic Retinopathy and Possibility of Future Oral Therapy. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
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125	Association of Epithelial Atypia With Recurrence After Surgical Excision in Conjunctival Papilloma. <i>Eye and Contact Lens</i> , 2018 , 44 Suppl 1, S77-S81	3.2	3
124	Effect of Ultrasonic Moisture Glasses on Dry Eye Signs and Symptoms. <i>Translational Vision Science and Technology</i> , 2018 , 7, 18	3.3	3
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108	Effect of midazolam, medetomidine, and butorphanol tartrate combination anesthetic on electroretinograms of mice. <i>Molecular Vision</i> , 2019 , 25, 645-653	2.3	2
107	Effect of Violet Light-Transmitting Eyeglasses on Axial Elongation in Myopic Children: A Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
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105	Corneal Disease and Regenerative Medicine. <i>Trends in the Sciences</i> , 2010 , 15, 8-13	0	2
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85	Loss of Concentration May Occur by Blink Inhibition in DED Simulation Models. <i>Life</i> , 2020 , 10,	3	1
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83	Estimation of the Minimum Effective Dose of Dietary Supplement Crocetin for Prevention of Myopia Progression in Mice. <i>Nutrients</i> , 2020 , 12,	6.7	1
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