

Stephen C Pflugfelder

List of Publications by Year in Descending Order

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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.

221
papers

16,372
citations

68
h-index

121
g-index

229
ext. papers

18,651
ext. citations

4.8
avg. IF

6.71
L-index

#	Paper	IF	Citations
221	Gut-derived butyrate suppresses ocular surface inflammation.. <i>Scientific Reports</i> , 2022 , 12, 4512	4.9	0
220	Gut Microbiota From Sjögren syndrome Patients Causes Decreased T Regulatory Cells in the Lymphoid Organs and Desiccation-Induced Corneal Barrier Disruption in Mice.. <i>Frontiers in Medicine</i> , 2022 , 9, 852918	4.9	0
219	IL-17 Producing Lymphocytes Cause Dry Eye and Corneal Disease With Aging in RXR β Mutant Mouse.. <i>Frontiers in Medicine</i> , 2022 , 9, 849990	4.9	3
218	A multicenter report of the use of plasma rich in growth factors (PRGF) for the treatment of patients with ocular surface diseases in North America.. <i>Ocular Surface</i> , 2022 , 25, 40-48	6.5	1
217	Nicotinic acetylcholine receptor stimulation: A new approach for stimulating tear secretion in dry eye disease.. <i>Ocular Surface</i> , 2022 , 25, 58-64	6.5	1
216	Video Viewing Blink Rate in Normal and Dry Eyes. <i>Eye and Contact Lens</i> , 2021 , 47, 442-444	3.2	2
215	Single-cell transcriptomics identifies limbal stem cell population and cell types mapping its differentiation trajectory in limbal basal epithelium of human cornea. <i>Ocular Surface</i> , 2021 , 20, 20-32	6.5	13
214	Single-Cell Transcriptomics Identifies a Unique Entity and Signature Markers of Transit-Amplifying Cells in Human Corneal Limbus 2021 , 62, 36		3
213	Differentially Expressed Gene Pathways in the Conjunctiva of Sjögren Syndrome Keratoconjunctivitis Sicca. <i>Frontiers in Immunology</i> , 2021 , 12, 702755	8.4	2
212	Ocular surface disease associated with dupilumab treatment for atopic diseases. <i>Ocular Surface</i> , 2021 , 19, 151-156	6.5	11
211	Desiccation Induced Conjunctival Monocyte Recruitment and Activation - Implications for Keratoconjunctivitis. <i>Frontiers in Immunology</i> , 2021 , 12, 701415	8.4	5
210	Conjunctivochalasis and Tear Osmolarity Are Associated With Reduced Conjunctival Epithelial Thickness in Dry Eye. <i>American Journal of Ophthalmology</i> , 2021 , 227, 35-44	4.9	1
209	Expert consensus on the identification, diagnosis, and treatment of neurotrophic keratopathy. <i>BMC Ophthalmology</i> , 2021 , 21, 327	2.3	2
208	Combined therapy of ocular surface disease with plasma rich in growth factors and scleral contact lenses. <i>Ocular Surface</i> , 2021 , 23, 162-162	6.5	2
207	Dry eye disease flares: A rapid evidence assessment. <i>Ocular Surface</i> , 2021 , 22, 51-59	6.5	6
206	IL-36 β /IL-36RA/IL-38 signaling mediates inflammation and barrier disruption in human corneal epithelial cells under hyperosmotic stress. <i>Ocular Surface</i> , 2021 , 22, 163-171	6.5	7
205	Retinoid Regulation of Ocular Surface Innate Inflammation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3

204	Defining Dry Eye from a Clinical Perspective. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	36
203	IL-33/ST2/IL-9/IL-9R signaling disrupts ocular surface barrier in allergic inflammation. <i>Mucosal Immunology</i> , 2020 , 13, 919-930	9.2	5
202	Biological functions of tear film. <i>Experimental Eye Research</i> , 2020 , 197, 108115	3.7	36
201	Regional Comparison of Goblet Cell Number and Area in Exposed and Covered Dry Eyes and Their Correlation with Tear MUC5AC. <i>Scientific Reports</i> , 2020 , 10, 2933	4.9	3
200	Immune - Goblet cell interaction in the conjunctiva. <i>Ocular Surface</i> , 2020 , 18, 326-334	6.5	21
199	The cornea in keratoconjunctivitis sicca. <i>Experimental Eye Research</i> , 2020 , 201, 108295	3.7	9
198	Unilateral pediatric neurotrophic keratitis due to congenital left trigeminal nerve aplasia with PROSE (prosthetic replacement of the ocular surface ecosystem) treatment. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 20, 100854	1.3	2
197	Inflammatory basis for dry eye disease flares. <i>Experimental Eye Research</i> , 2020 , 201, 108294	3.7	17
196	Goblet cells promote tolerance induction in the conjunctiva. <i>Mucosal Immunology</i> , 2020 , 13, 717-718	9.2	1
195	Rapamycin Eyedrops Increased CD4Foxp3 Cells and Prevented Goblet Cell Loss in the Aged Ocular Surface. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
194	Autophagy Activation Protects Ocular Surface from Inflammation in a Dry Eye Model In Vitro. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
193	Calcineurin Inhibitor Voclosporin Preserves Corneal Barrier and Conjunctival Goblet Cells in Experimental Dry Eye. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2020 , 36, 679-685	2.6	6
192	Trehalose Induces Autophagy Against Inflammation by Activating TFEB Signaling Pathway in Human Corneal Epithelial Cells Exposed to Hyperosmotic Stress 2020 , 61, 26		15
191	Topical Recombinant Human Nerve Growth Factor (Cenergermin) for Neurotrophic Keratopathy: A Multicenter Randomized Vehicle-Controlled Pivotal Trial. <i>Ophthalmology</i> , 2020 , 127, 14-26	7.3	84
190	The gut-eye-lacrimal gland-microbiome axis in Sjögren Syndrome. <i>Ocular Surface</i> , 2020 , 18, 335-344	6.5	30
189	Age-associated antigen-presenting cell alterations promote dry-eye inducing Th1 cells. <i>Mucosal Immunology</i> , 2019 , 12, 897-908	9.2	22
188	Short ragweed pollen promotes M2 macrophage polarization via TSLP/TSLPR/OX40L signaling in allergic inflammation. <i>Mucosal Immunology</i> , 2019 , 12, 1141-1149	9.2	7
187	Dysbiosis Modulates Ocular Surface Inflammatory Response to Liposaccharide 2019 , 60, 4224-4233		11

186	Topical cyclosporine A therapy for dry eye syndrome. <i>The Cochrane Library</i> , 2019 , 9, CD010051	5.2	20
185	IL-27 signaling deficiency develops Th17-enhanced Th2-dominant inflammation in murine allergic conjunctivitis model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 910-921	9.3	20
184	Ocular complications of atopic dermatitis. <i>Cutis</i> , 2019 , 104, 189-193	0.4	11
183	Reduced intraepithelial corneal nerve density and sensitivity accompany desiccating stress and aging in C57BL/6 mice. <i>Experimental Eye Research</i> , 2018 , 169, 91-98	3.7	42
182	Near-infrared laser thermal conjunctivoplasty. <i>Scientific Reports</i> , 2018 , 8, 3863	4.9	4
181	Suppression of Th1-Mediated Keratoconjunctivitis Sicca by Lifitegrast. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2018 , 34, 543-549	2.6	22
180	Protective role of commensal bacteria in Sjögren Syndrome. <i>Journal of Autoimmunity</i> , 2018 , 93, 45-56	15.5	45
179	Goblet cell-produced retinoic acid suppresses CD86 expression and IL-12 production in bone marrow-derived cells. <i>International Immunology</i> , 2018 , 30, 457-470	4.9	19
178	Sjögren-Like Lacrimal Keratoconjunctivitis in Germ-Free Mice. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	35
177	Goblet cell loss abrogates ocular surface immune tolerance. <i>JCI Insight</i> , 2018 , 3,	9.9	28
176	Accessibility to and Quality of Human Eye Tissue for Research: A Cross-Sectional Survey of ARVO Members 2018 , 59, 4783-4792		12
175	Bilateral Candida parapsilosis infiltration of nonhealing indolent epithelial defects in a diabetic patient with neurotrophic keratopathy. <i>Canadian Journal of Ophthalmology</i> , 2018 , 53, e224-e226	1.4	0
174	Reduced Corneal Innervation in the CD25 Null Model of Sjögren Syndrome. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	17
173	Severity of Sjögren Syndrome Keratoconjunctivitis Sicca Increases with Increased Percentage of Conjunctival Antigen-Presenting Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	21
172	Mitochondrial DNA oxidation induces imbalanced activity of NLRP3/NLRP6 inflammasomes by activation of caspase-8 and BRCC36 in dry eye. <i>Journal of Autoimmunity</i> , 2017 , 80, 65-76	15.5	48
171	Anterior Segment Optical Coherence Tomography (AS-OCT) in the Management of Dry Eye. <i>International Ophthalmology Clinics</i> , 2017 , 57, 13-22	1.7	8
170	What We Have Learned From Animal Models of Dry Eye. <i>International Ophthalmology Clinics</i> , 2017 , 57, 109-118	1.7	24
169	Intranasal Tear Neurostimulation: An Emerging Concept in the Treatment of Dry Eye. <i>International Ophthalmology Clinics</i> , 2017 , 57, 101-108	1.7	16

168	Evolving risk factors and antibiotic sensitivity patterns for microbial keratitis at a large county hospital. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1483-1487	5.5	37
167	Randomized Controlled Crossover Trial Comparing the Impact of Sham or Intranasal Tear Neurostimulation on Conjunctival Goblet Cell Degranulation. <i>American Journal of Ophthalmology</i> , 2017 , 177, 159-168	4.9	27
166	LFA-1/ICAM-1 Interaction as a Therapeutic Target in Dry Eye Disease. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017 , 33, 5-12	2.6	60
165	The Pathophysiology of Dry Eye Disease: What We Know and Future Directions for Research. <i>Ophthalmology</i> , 2017 , 124, S4-S13	7.3	169
164	Study design and baseline findings from the progression of ocular findings (PROOF) natural history study of dry eye. <i>BMC Ophthalmology</i> , 2017 , 17, 265	2.3	11
163	Matrix metalloproteinase-9 in the pathophysiology and diagnosis of dry eye syndrome. <i>Metalloproteinases in Medicine</i> , 2017 , Volume 4, 37-46	0.7	14
162	Identification for Differential Localization of Putative Corneal Epithelial Stem Cells in Mouse and Human. <i>Scientific Reports</i> , 2017 , 7, 5169	4.9	17
161	Age-related spontaneous lacrimal keratoconjunctivitis is accompanied by dysfunctional T regulatory cells. <i>Mucosal Immunology</i> , 2017 , 10, 743-756	9.2	45
160	Inhibition of NLRP3 Inflammasome Pathway by Butyrate Improves Corneal Wound Healing in Corneal Alkali Burn. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	42
159	Goblet Cells Contribute to Ocular Surface Immune Tolerance-Implications for Dry Eye Disease. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	51
158	Long-term outcomes of ciliary sulcus versus capsular bag fixation of intraocular lenses in children: An ultrasound biomicroscopy study. <i>PLoS ONE</i> , 2017 , 12, e0172979	3.7	14
157	Tear Volume-based Diagnostic Classification for Tear Dysfunction. <i>International Ophthalmology Clinics</i> , 2017 , 57, 1-12	1.7	9
156	Synergistic Cysteamine Delivery Nanowafer as an Efficacious Treatment Modality for Corneal Cystinosis. <i>Molecular Pharmaceutics</i> , 2016 , 13, 3468-3477	5.6	16
155	Blueberry Component Pterostilbene Protects Corneal Epithelial Cells from Inflammation via Anti-oxidative Pathway. <i>Scientific Reports</i> , 2016 , 6, 19408	4.9	66
154	Pollen/TLR4 Innate Immunity Signaling Initiates IL-33/ST2/Th2 Pathways in Allergic Inflammation. <i>Scientific Reports</i> , 2016 , 6, 36150	4.9	24
153	Lifitegrast, a Novel Integrin Antagonist for Treatment of Dry Eye Disease. <i>Ocular Surface</i> , 2016 , 14, 207-155	11.0	
152	Differential Effects of Dexamethasone and Doxycycline on Inflammation and MMP Production in Murine Alkali-Burned Corneas Associated with Dry Eye. <i>Ocular Surface</i> , 2016 , 14, 242-54	6.5	43
151	Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis--A Comprehensive Review and Guide to Therapy. I. Systemic Disease. <i>Ocular Surface</i> , 2016 , 14, 2-19	6.5	85

150	Interferon-gamma deficiency protects against aging-related goblet cell loss. <i>Oncotarget</i> , 2016 , 7, 64605-64614	19
149	Altered Mucosal Microbiome Diversity and Disease Severity in Sjögren Syndrome. <i>Scientific Reports</i> , 2016 , 6, 23561	4.9 184
148	Inflammatory Response to Lipopolysaccharide on the Ocular Surface in a Murine Dry Eye Model 2016 , 57, 2443-51	26
147	Dexamethasone Drug Eluting Nanowafers Control Inflammation in Alkali-Burned Corneas Associated With Dry Eye 2016 , 57, 3222-30	25
146	MMP-8 Is Critical for Dexamethasone Therapy in Alkali-Burned Corneas Under Dry Eye Conditions. <i>Journal of Cellular Physiology</i> , 2016 , 231, 2506-16	7 11
145	Acute and Chronic Ophthalmic Involvement in Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis - A Comprehensive Review and Guide to Therapy. II. Ophthalmic Disease. <i>Ocular Surface</i> , 2016 , 14, 168-88	6.5 121
144	Interferon-Induced Unfolded Protein Response in Conjunctival Goblet Cells as a Cause of Mucin Deficiency in Sjögren Syndrome. <i>American Journal of Pathology</i> , 2016 , 186, 1547-58	5.8 65
143	Dexamethasone nanowafer as an effective therapy for dry eye disease. <i>Journal of Controlled Release</i> , 2015 , 213, 168-174	11.7 48
142	Effects of Dry Eye Therapies on Environmentally Induced Ocular Surface Disease. <i>American Journal of Ophthalmology</i> , 2015 , 160, 135-42.e1	4.9 39
141	Altered balance of interleukin-13/interferon-gamma contributes to lacrimal gland destruction and secretory dysfunction in CD25 knockout model of Sjögren's syndrome. <i>Arthritis Research and Therapy</i> , 2015 , 17, 53	5.7 27
140	Macrophage Phenotype in the Ocular Surface of Experimental Murine Dry Eye Disease. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015 , 63, 299-304	4 25
139	Clinical guidelines for management of dry eye associated with Sjögren disease. <i>Ocular Surface</i> , 2015 , 13, 118-32	6.5 127
138	Effects of azithromycin on gene expression profiles of proinflammatory and anti-inflammatory mediators in the eyelid margin and conjunctiva of patients with meibomian gland disease. <i>JAMA Ophthalmology</i> , 2015 , 133, 1117-23	3.9 41
137	Corneal Sensitivity in Tear Dysfunction and its Correlation With Clinical Parameters and Blink Rate. <i>American Journal of Ophthalmology</i> , 2015 , 160, 858-866.e5	4.9 33
136	Effects of L-carnitine, erythritol and betaine on pro-inflammatory markers in primary human corneal epithelial cells exposed to hyperosmotic stress. <i>Current Eye Research</i> , 2015 , 40, 657-67	2.9 49
135	Desiccating Stress-Induced MMP Production and Activity Worsens Wound Healing in Alkali-Burned Corneas 2015 , 56, 4908-18	24
134	IL-13 Stimulates Proliferation and Expression of Mucin and Immunomodulatory Genes in Cultured Conjunctival Goblet Cells 2015 , 56, 4186-97	60
133	Protective Effects of L-Carnitine Against Oxidative Injury by Hyperosmolarity in Human Corneal Epithelial Cells 2015 , 56, 5503-11	35

132	Improvement of Outcome Measures of Dry Eye by a Novel Integrin Antagonist in the Murine Desiccating Stress Model 2015 , 56, 5888-95		19
131	Clusterin Seals the Ocular Surface Barrier in Mouse Dry Eye. <i>PLoS ONE</i> , 2015 , 10, e0138958	3.7	20
130	Age-Related Conjunctival Disease in the C57BL/6.NOD-Aec1Aec2 Mouse Model of Sjögren Syndrome Develops Independent of Lacrimal Dysfunction 2015 , 56, 2224-33		26
129	Aqueous Tear Deficiency Increases Conjunctival Interferon- γ Expression and Goblet Cell Loss 2015 , 56, 7545-50		84
128	Unique expression pattern and functional role of periostin in human limbal stem cells. <i>PLoS ONE</i> , 2015 , 10, e0117139	3.7	11
127	Oxidative stress markers induced by hyperosmolarity in primary human corneal epithelial cells. <i>PLoS ONE</i> , 2015 , 10, e0126561	3.7	76
126	A Novel Innate Response of Human Corneal Epithelium to Heat-killed <i>Candida albicans</i> by Producing Peptidoglycan Recognition Proteins. <i>PLoS ONE</i> , 2015 , 10, e0128039	3.7	15
125	In vivo confocal microscopy of the ocular surface: from bench to bedside. <i>Current Eye Research</i> , 2014 , 39, 213-31	2.9	148
124	Tear meniscus dimensions in tear dysfunction and their correlation with clinical parameters. <i>American Journal of Ophthalmology</i> , 2014 , 157, 301-310.e1	4.9	62
123	Atopic keratoconjunctivitis: A review. <i>Journal of the American Academy of Dermatology</i> , 2014 , 70, 569-754.5		92
122	Complications related to a cosmetic eye-whitening procedure. <i>American Journal of Ophthalmology</i> , 2014 , 158, 967-73	4.9	13
121	Treatment of blepharitis: recent clinical trials. <i>Ocular Surface</i> , 2014 , 12, 273-84	6.5	52
120	Topical interferon-gamma neutralization prevents conjunctival goblet cell loss in experimental murine dry eye. <i>Experimental Eye Research</i> , 2014 , 118, 117-24	3.7	54
119	Effect of desiccating stress on mouse meibomian gland function. <i>Ocular Surface</i> , 2014 , 12, 59-68	6.5	47
118	New testing options for diagnosing and grading dry eye disease. <i>American Journal of Ophthalmology</i> , 2014 , 157, 1122-9	4.9	29
117	Desiccating stress-induced chemokine expression in the epithelium is dependent on upregulation of NKG2D/RAE-1 and release of IFN- γ in experimental dry eye. <i>Journal of Immunology</i> , 2014 , 193, 5264-72 ^{5.3}		40
116	Ocular surface disease and dacryoadenitis in aging C57BL/6 mice. <i>American Journal of Pathology</i> , 2014 , 184, 631-43	5.8	56
115	A potential link between bacterial pathogens and allergic conjunctivitis by dendritic cells. <i>Experimental Eye Research</i> , 2014 , 120, 118-26	3.7	12

114	Osmoprotectants suppress the production and activity of matrix metalloproteinases induced by hyperosmolarity in primary human corneal epithelial cells. <i>Molecular Vision</i> , 2014 , 20, 1243-52	2.3	20
113	PROSE therapy used to minimize corneal trauma in patients with corneal epithelial defects. <i>American Journal of Ophthalmology</i> , 2013 , 155, 615-619, 619.e1-2	4.9	32
112	Patient ocular conditions and clinical outcomes using a PROSE scleral device. <i>Contact Lens and Anterior Eye</i> , 2013 , 36, 159-63	4.1	50
111	T helper cytokines in dry eye disease. <i>Experimental Eye Research</i> , 2013 , 117, 118-25	3.7	98
110	Increasing prevalence and severity of conjunctivochalasis with aging detected by anterior segment optical coherence tomography. <i>American Journal of Ophthalmology</i> , 2013 , 155, 238-242.e2	4.9	39
109	Dry eye as a mucosal autoimmune disease. <i>International Reviews of Immunology</i> , 2013 , 32, 19-41	4.6	206
108	Toll-like receptor expression and activation in mice with experimental dry eye 2013 , 54, 1554-63		42
107	Dendritic cell-derived thrombospondin-1 is critical for the generation of the ocular surface Th17 response to desiccating stress. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 1293-301	6.5	25
106	Long-term Supplementation With n-6 and n-3 PUFAs Improves Moderate-to-Severe Keratoconjunctivitis Sicca: A Randomized Double-Blind Clinical Trial. <i>Cornea</i> , 2013 , 32, 1297-304	3.1	54
105	Morphologic alterations of the palpebral conjunctival epithelium in a dry eye model. <i>Cornea</i> , 2013 , 32, 483-90	3.1	14
104	Factors predicting the ocular surface response to desiccating environmental stress 2013 , 54, 3325-32		47
103	Chemokine receptors CCR6 and CXCR3 are necessary for CD4(+) T cell mediated ocular surface disease in experimental dry eye disease. <i>PLoS ONE</i> , 2013 , 8, e78508	3.7	41
102	Deletion of interferon- γ delays onset and severity of dacryoadenitis in CD25KO mice. <i>Arthritis Research and Therapy</i> , 2012 , 14, R234	5.7	29
101	Autoantibodies contribute to the immunopathogenesis of experimental dry eye disease 2012 , 53, 2062-75		52
100	Resolvin E1 (RX-10001) reduces corneal epithelial barrier disruption and protects against goblet cell loss in a murine model of dry eye. <i>Cornea</i> , 2012 , 31, 1299-303	3.1	69
99	Topical cyclosporine A therapy for dry eye syndrome. <i>The Cochrane Library</i> , 2012 ,	5.2	1
98	NK cells promote Th-17 mediated corneal barrier disruption in dry eye. <i>PLoS ONE</i> , 2012 , 7, e36822	3.7	62
97	Short ragweed pollen triggers allergic inflammation through Toll-like receptor 4-dependent thymic stromal lymphopoietin/OX40 ligand/OX40 signaling pathways. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 1318-1325.e2	11.5	92

96	The impact of the Boston ocular surface prosthesis on wavefront higher-order aberrations. <i>American Journal of Ophthalmology</i> , 2011 , 151, 682-690.e2	4.9	46
95	Tear dysfunction and the cornea: LXVIII Edward Jackson Memorial Lecture. <i>American Journal of Ophthalmology</i> , 2011 , 152, 900-909.e1	4.9	79
94	Desiccating stress induces CD4+ T-cell-mediated Sjögren® syndrome-like corneal epithelial apoptosis via activation of the extrinsic apoptotic pathway by interferon- γ <i>American Journal of Pathology</i> , 2011 , 179, 1807-14	5.8	54
93	Challenges in the clinical measurement of ocular surface disease in glaucoma patients. <i>Clinical Ophthalmology</i> , 2011 , 5, 1575-83	2.5	22
92	Biodegradable PLGA-Based Drug Delivery Systems for Modulating Ocular Surface Disease under Experimental Murine Dry Eye. <i>Journal of Clinical & Experimental Ophthalmology</i> , 2011 , 2,	0	17
91	Noninvasive assessment of tear stability with the tear stability analysis system in tear dysfunction patients 2011 , 52, 456-61		62
90	Disruption of TGF- β signaling improves ocular surface epithelial disease in experimental autoimmune keratoconjunctivitis sicca. <i>PLoS ONE</i> , 2011 , 6, e29017	3.7	37
89	Ocular surface APCs are necessary for autoreactive T cell-mediated experimental autoimmune lacrimal keratoconjunctivitis. <i>Journal of Immunology</i> , 2011 , 187, 3653-62	5.3	109
88	Interferon- β exacerbates dry eye-induced apoptosis in conjunctiva through dual apoptotic pathways 2011 , 52, 6279-85		87
87	Pharmacological cholinergic blockade stimulates inflammatory cytokine production and lymphocytic infiltration in the mouse lacrimal gland 2011 , 52, 3221-7		31
86	A Novel Epithelial Proallergic Cytokine IL-33 Serves As A Biomarker For Ocular Allergic Inflammation. <i>FASEB Journal</i> , 2011 , 25, lb345	0.9	
85	Suppressive effects of azithromycin on zymosan-induced production of proinflammatory mediators by human corneal epithelial cells 2010 , 51, 5623-9		58
84	Desiccating stress promotion of Th17 differentiation by ocular surface tissues through a dendritic cell-mediated pathway 2010 , 51, 3083-91		71
83	Expression of CXCL9, -10, -11, and CXCR3 in the tear film and ocular surface of patients with dry eye syndrome 2010 , 51, 643-50		122
82	Association between high tear epidermal growth factor levels and corneal subepithelial fibrosis in dry eye conditions 2010 , 51, 844-9		30
81	TSLP and downstream molecules in experimental mouse allergic conjunctivitis 2010 , 51, 3076-82		42
80	Age-related T-cell cytokine profile parallels corneal disease severity in Sjogren® syndrome-like keratoconjunctivitis sicca in CD25KO mice. <i>Rheumatology</i> , 2010 , 49, 246-58	3.9	81
79	Corneal nerve regeneration in neurotrophic keratopathy following autologous plasma therapy. <i>British Journal of Ophthalmology</i> , 2010 , 94, 584-91	5.5	50

78	Anterior segment optical coherence tomography: a diagnostic instrument for conjunctivochalasis. <i>American Journal of Ophthalmology</i> , 2010 , 150, 798-806	4.9	53
77	Spontaneous autoimmune dacryoadenitis in aged CD25KO mice. <i>American Journal of Pathology</i> , 2010 , 177, 744-53	5.8	34
76	Multicenter open-label study evaluating the efficacy of azithromycin ophthalmic solution 1% on the signs and symptoms of subjects with blepharitis. <i>Cornea</i> , 2010 , 29, 871-7	3.1	68
75	Evaluation of the transforming growth factor-beta activity in normal and dry eye human tears by CCL-185 cell bioassay. <i>Cornea</i> , 2010 , 29, 1048-54	3.1	28
74	Induction of Th17 differentiation by corneal epithelial-derived cytokines. <i>Journal of Cellular Physiology</i> , 2010 , 222, 95-102	7	39
73	Production and activity of matrix metalloproteinase-9 on the ocular surface increase in dysfunctional tear syndrome 2009 , 50, 3203-9		255
72	Human corneal epithelium-derived thymic stromal lymphopoietin links the innate and adaptive immune responses via TLRs and Th2 cytokines 2009 , 50, 2702-9		53
71	Topical ophthalmic cyclosporine: pharmacology and clinical uses. <i>Survey of Ophthalmology</i> , 2009 , 54, 321-38	6.1	130
70	Tear cytokine profiles in dysfunctional tear syndrome. <i>American Journal of Ophthalmology</i> , 2009 , 147, 198-205. e1	4.9	344
69	Corneal epithelial opacity in dysfunctional tear syndrome. <i>American Journal of Ophthalmology</i> , 2009 , 148, 376-82	4.9	25
68	Cleavage of functional IL-2 receptor alpha chain (CD25) from murine corneal and conjunctival epithelia by MMP-9. <i>Journal of Inflammation</i> , 2009 , 6, 31	6.7	28
67	Essential role for c-Jun N-terminal kinase 2 in corneal epithelial response to desiccating stress. <i>JAMA Ophthalmology</i> , 2009 , 127, 1625-31		31
66	Desiccating environmental stress exacerbates autoimmune lacrimal keratoconjunctivitis in non-obese diabetic mice. <i>Journal of Autoimmunity</i> , 2008 , 30, 212-21	15.5	43
65	In vitro expanded CD4+CD25+Foxp3+ regulatory T cells maintain a normal phenotype and suppress immune-mediated ocular surface inflammation 2008 , 49, 5434-40		48
64	Interleukin-1 receptor-1-deficient mice show attenuated production of ocular surface inflammatory cytokines in experimental dry eye. <i>Cornea</i> , 2008 , 27, 811-7	3.1	44
63	Effects of sequential artificial tear and cyclosporine emulsion therapy on conjunctival goblet cell density and transforming growth factor-beta2 production. <i>Cornea</i> , 2008 , 27, 64-9	3.1	124
62	Desiccating stress decreases apical corneal epithelial cell size--modulation by the metalloproteinase inhibitor doxycycline. <i>Cornea</i> , 2008 , 27, 935-40	3.1	35
61	Effects of contact lens multipurpose solutions on human corneal epithelial survival and barrier function. <i>Eye and Contact Lens</i> , 2008 , 34, 281-6	3.2	36

60	Epithelial-immune cell interaction in dry eye. <i>Cornea</i> , 2008 , 27 Suppl 1, S9-11	3.1	78
59	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
58	Prevalence, burden, and pharmacoeconomics of dry eye disease. <i>American Journal of Managed Care</i> , 2008 , 14, S102-6	2.1	102
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