Christophe Baudouin

List of Publications by Year in descending order

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391 papers 20,995 citations

70 h-index 117 g-index

515 all docs

515 docs citations

515 times ranked 9553 citing authors

#	Article	IF	CITATIONS
1	Preservatives in eyedrops: The good, the bad and the ugly. Progress in Retinal and Eye Research, 2010, 29, 312-334.	15.5	787
2	Tear Osmolarity in the Diagnosis and Management of Dry Eye Disease. American Journal of Ophthalmology, 2011, 151, 792-798.e1.	3.3	512
3	Prevalence of ocular symptoms and signs with preserved and preservative free glaucoma medication. British Journal of Ophthalmology, 2002, 86, 418-423.	3.9	502
4	The International Workshop on Meibomian Gland Dysfunction: Report of the Subcommittee on Management and Treatment of Meibomian Gland Dysfunction. , 2011, 52, 2050.		470
5	Role of Hyperosmolarity in the Pathogenesis and Management of Dry Eye Disease: Proceedings of the OCEAN Group Meeting. Ocular Surface, 2013, 11, 246-258.	4.4	359
6	Ocular surface inflammatory changes induced by topical antiglaucoma drugs. Ophthalmology, 1999, 106, 556-563.	5.2	352
7	Ocular Symptoms and Signs with Preserved and Preservative-Free Glaucoma Medications. European Journal of Ophthalmology, 2007, 17, 341-349.	1.3	338
8	Revisiting the vicious circle of dry eye disease: a focus on the pathophysiology of meibomian gland dysfunction. British Journal of Ophthalmology, 2016, 100, 300-306.	3.9	332
9	TFOS DEWS II iatrogenic report. Ocular Surface, 2017, 15, 511-538.	4.4	304
10	The Pathology of Dry Eye. Survey of Ophthalmology, 2001, 45, S211-S220.	4.0	271
11	Conjunctival Proinflammatory and Proapoptotic Effects of Latanoprost and Preserved and Unpreserved Timolol: An Ex Vivo and In Vitro Study. Investigative Ophthalmology and Visual Science, 2004, 45, 1360-1368.	3.3	250
12	Neurotrophic keratopathy. Progress in Retinal and Eye Research, 2018, 66, 107-131.	15.5	250
13	Effects of benzalkonium chloride on growth and survival of Chang conjunctival cells. Investigative Ophthalmology and Visual Science, 1999, 40, 619-30.	3.3	226
14	Flow cytometric analysis of inflammatory markers in conjunctival epithelial cells of patients with dry eyes. Investigative Ophthalmology and Visual Science, 2000, 41, 1356-63.	3.3	224
15	Detrimental effect of preservatives in eyedrops: implications for the treatment of glaucoma. Acta Ophthalmologica, 2008, 86, 716-726.	1.1	217
16	Dry Eye Disease after Refractive Surgery. Ophthalmology, 2015, 122, 669-676.	5.2	213
17	Rethinking Dry Eye Disease: A Perspective on Clinical Implications. Ocular Surface, 2014, 12, S1-S31.	4.4	189
18	Conjunctival epithelial cell expression of interleukins and inflammatory markers in glaucoma patients treated over the long term. Ophthalmology, 2004, 111, 2186-2192.	5.2	185

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19	<i>In Vivo</i> Confocal Microscopy of the Ocular Surface: From Bench to Bedside. Current Eye Research, 2014, 39, 213-231.	1.5	184
20	Inflammation in Glaucoma: From the back to the front of the eye, and beyond. Progress in Retinal and Eye Research, 2021, 83, 100916.	15.5	183
21	The Ocular Surface of Glaucoma Patients Treated over the Long Term Expresses Inflammatory Markers Related to Both T-Helper 1 and T-Helper 2 Pathways. Ophthalmology, 2008, 115, 109-115.	5.2	179
22	Histopathological effects of topical ophthalmic preservatives on rat corneoconjunctival surface. Current Eye Research, 1998, 17, 419-425.	1.5	169
23	Diagnosing the severity of dry eye: a clear and practical algorithm. British Journal of Ophthalmology, 2014, 98, 1168-1176.	3.9	167
24	In Vitro Study of Inflammatory Potential and Toxicity Profile of Latanoprost, Travoprost, and Bimatoprost in Conjunctiva-Derived Epithelial Cells., 2005, 46, 2444.		162
25	Corneal Nerve Structure and Function in Patients With Non-Sj \tilde{A}^{q} gren Dry Eye: Clinical Correlations. , 2013, 54, 5144.		161
26	Flow cytometric analysis of conjunctival epithelium in ocular rosacea and keratoconjunctivitis sicca. Ophthalmology, 2000, 107, 1841-1849.	5.2	155
27	The Relationship between Subbasal Nerve Morphology and Corneal Sensation in Ocular Surface Disease. , 2012, 53, 4926.		153
28	Dry eye disease, dry eye symptoms and depression: the Beijing Eye Study. British Journal of Ophthalmology, 2013, 97, 1399-1403.	3.9	152
29	Quaternary ammoniums and other preservatives' contribution in oxidative stress and apoptosis on Chang conjunctival cells. Investigative Ophthalmology and Visual Science, 2001, 42, 642-52.	3.3	152
30	Prospective, Unmasked Evaluation of the iStent \hat{A}^{\otimes} Inject System for Open-Angle Glaucoma: Synergy Trial. Advances in Therapy, 2014, 31, 189-201.	2.9	150
31	Toxicity of preserved and unpreserved antiglaucoma topical drugs in an in vitro model of conjunctival cells. Current Eye Research, 2000, 20, 85-94.	1.5	147
32	Flow cytometric analysis of inflammatory markers in KCS: 6-month treatment with topical cyclosporin A. Investigative Ophthalmology and Visual Science, 2001, 42, 90-5.	3.3	142
33	Side effects of antiglaucomatous drugs on the ocular surface. Current Opinion in Ophthalmology, 1996, 7, 80-86.	2.9	140
34	Short term comparative study of topical 2% carteolol with and without benzalkonium chloride in healthy volunteers. British Journal of Ophthalmology, 1998, 82, 39-42.	3.9	140
35	Efficacy and Safety of 0.1% Cyclosporine a Cationic Emulsion in the Treatment of Severe Dry Eye Disease: A Multicenter Randomized Trial. European Journal of Ophthalmology, 2016, 26, 287-296.	1.3	137
36	Comparison of the Effects of Preserved and Unpreserved Formulations of Timolol on the Ocular Surface of Albino Rabbits. Ophthalmic Research, 2000, 32, 3-8.	1.9	128

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37	Tear Film Aberration Dynamics and Vision-Related Quality of Life in Patients with Dry Eye Disease. Ophthalmology, 2012, 119, 1811-1818.	5.2	128
38	Role of corneal nerves in ocular surface homeostasis and disease. Acta Ophthalmologica, 2019, 97, 137-145.	1.1	125
39	Ocular Surface Epithelial Thickness Evaluation with Spectral-Domain Optical Coherence Tomography. , 2011, 52, 9116.		120
40	Expression of Inflammatory Membrane Markers by Conjunctival Cells in Chronically Treated Patients with Glaucoma. Ophthalmology, 1994, 101, 454-460.	5.2	119
41	In Vivo Confocal Microscopy Study of Blebs after Filtering Surgery. Ophthalmology, 2005, 112, 1979.e1-1979.e9.	5.2	119
42	Defining Dry Eye from a Clinical Perspective. International Journal of Molecular Sciences, 2020, 21, 9271.	4.1	118
43	A multicentre, double-masked, randomized, controlled trial assessing the effect of oral supplementation of omega-3 and omega-6 fatty acids on a conjunctival inflammatory marker in dry eye patients. Acta Ophthalmologica, 2011, 89, e591-e597.	1.1	115
44	Measurement of inflammatory cytokines by multicytokine assay in tears of patients with glaucoma topically treated with chronic drugs. British Journal of Ophthalmology, 2007, 91, 29-32.	3.9	113
45	In Vitro Studies of Antiglaucomatous Prostaglandin Analogues: Travoprost with and without Benzalkonium Chloride and Preserved Latanoprost. , 2007, 48, 4123.		111
46	Multiple Endpoint Analysis of the 3D-Reconstituted Corneal Epithelium after Treatment with Benzalkonium Chloride: Early Detection of Toxic Damage., 2009, 50, 1644.		111
47	Evaluation of corneal stromal changes in vivo after laser in situ keratomileusis with confocal microscopy. Ophthalmology, 2001, 108, 1744-1750.	5.2	110
48	Comparison of Toxicological Profiles of Benzalkonium Chloride and Polyquaternium-1: An Experimental Study. Journal of Ocular Pharmacology and Therapeutics, 2006, 22, 267-278.	1.4	109
49	New Tools for the Evaluation of Toxic Ocular Surface Changes in the Rat. , 2007, 48, 5473.		107
50	Conjunctival and corneal reactions in rabbits following short- and repeated exposure to preservative-free tafluprost, commercially available latanoprost and 0.02% benzalkonium chloride. British Journal of Ophthalmology, 2008, 92, 1275-1282.	3.9	107
51	Optic Disc Vascularization in Glaucoma: Value of Spectral-Domain Optical Coherence Tomography Angiography. Journal of Ophthalmology, 2016, 2016, 1-9.	1.3	107
52	Emerging strategies for the diagnosis and treatment of meibomian gland dysfunction: Proceedings of the OCEAN group meeting. Ocular Surface, 2017, 15, 179-192.	4.4	107
53	Contribution of In Vivo Confocal Microscopy to the Diagnosis and Management of Infectious Keratitis. Ocular Surface, 2009, 7, 41-52.	4.4	102
54	In vivo confocal microscopy in fungal keratitis. British Journal of Ophthalmology, 2007, 91, 588-591.	3.9	100

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55	Clinical impact of inflammation in dry eye disease: proceedings of the <scp>ODISSEY</scp> group meeting. Acta Ophthalmologica, 2018, 96, 111-119.	1.1	100
56	In Vitro Comparison of Cytoprotective and Antioxidative Effects of Latanoprost, Travoprost, and Bimatoprost on Conjunctiva-Derived Epithelial Cells., 2005, 46, 4594.		98
57	Prevalence of vernal keratoconjunctivitis: a rare disease?. British Journal of Ophthalmology, 2008, 92, 1097-1102.	3.9	93
58	A New Safety Concern for Glaucoma Treatment Demonstrated by Mass Spectrometry Imaging of Benzalkonium Chloride Distribution in the Eye, an Experimental Study in Rabbits. PLoS ONE, 2012, 7, e50180.	2.5	92
59	Toxicity of preserved and unpreserved antiglaucoma topical drugs in an in vitro model of conjunctival cells. Current Eye Research, 2000, 20, 85-94.	1.5	91
60	Growth Factors in Vitreous and Subretinal Fluid Cells from Patients with Proliferative Vitreoretinopathy. Ophthalmic Research, 1993, 25, 52-59.	1.9	90
61	Direct epithelial–stromal interaction in corneal wound healing: Role of EMMPRIN/CD147 in MMPs induction and beyond. Progress in Retinal and Eye Research, 2009, 28, 19-33.	15.5	90
62	Immunopathological findings in conjunctival cells using immunofluorescence staining of impression cytology specimens British Journal of Ophthalmology, 1992, 76, 545-549.	3.9	89
63	Allergic reaction to topical eyedrops. Current Opinion in Allergy and Clinical Immunology, 2005, 5, 459-463.	2.3	88
64	Trehalose: an intriguing disaccharide with potential for medical application in ophthalmology. Clinical Ophthalmology, 2011, 5, 577.	1.8	88
65	Effects of aFGF and bFGF on wound healing in rabbit corneas. Current Eye Research, 1987, 6, 1205-1209.	1.5	87
66	Ocular Surface Changes Induced by Contact Lens Wear. Cornea, 2001, 20, 820-825.	1.7	86
67	<i>In Vitro</i> Effects of Preservative-Free Tafluprost and Preserved Latanoprost, Travoprost, and Bimatoprost in a Conjunctival Epithelial Cell Line. Current Eye Research, 2008, 33, 303-312.	1.5	86
68	In Vivo Corneal Confocal Microscopy Comparison of Intralase Femtosecond Laser and Mechanical Microkeratome for Laser In Situ Keratomileusis., 2006, 47, 2803.		83
69	Efficacy and safety of preservative-free latanoprost eyedrops, compared with BAK-preserved latanoprost in patients with ocular hypertension or glaucoma. British Journal of Ophthalmology, 2013, 97, 196-200.	3.9	82
70	Efficacy and safety of 0.18% sodium hyaluronate in patients with moderate dry eye syndrome and superficial keratitis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 531-538.	1.9	81
71	Prevalence and Risk Factors for Ocular Surface Disease among Patients Treated over the Long Term for Glaucoma or Ocular Hypertension. European Journal of Ophthalmology, 2013, 23, 47-54.	1.3	79
72	The Eye Drop Preservative Benzalkonium Chloride Potently Induces Mitochondrial Dysfunction and Preferentially Affects LHON Mutant Cells., 2017, 58, 2406.		79

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73	Mitochondrial activity and glutathione injury in apoptosis induced by unpreserved and preserved beta-blockers on Chang conjunctival cells. Investigative Ophthalmology and Visual Science, 2001, 42, 2525-33.	3.3	79
74	Flow cytometry in conjunctival impression cytology: a new tool for exploring ocular surface pathologies. Experimental Eye Research, 2004, 78, 473-481.	2.6	78
75	Ocular inflammation induces trigeminal pain, peripheral and central neuroinflammatory mechanisms. Neurobiology of Disease, 2016, 88, 16-28.	4.4	78
76	Reconsidering the central role of mucins in dry eye and ocular surface diseases. Progress in Retinal and Eye Research, 2019, 71, 68-87.	15.5	78
77	The Impact of Dry Eye Disease on Visual Performance While Driving. American Journal of Ophthalmology, 2013, 156, 184-189.e3.	3.3	77
78	Flow cytometry in impression cytology specimens. A new method for evaluation of conjunctival inflammation. Investigative Ophthalmology and Visual Science, 1997, 38, 1458-64.	3.3	77
79	Measurement of healthâ€related quality of life with glaucoma: validation of the Glauâ€QoL [©] 36â€rtem questionnaire. Acta Ophthalmologica, 2008, 86, 71-80.	1.1	76
80	Toxicological evaluation of preservative-containing and preservative-free topical prostaglandin analogues on a three-dimensional-reconstituted corneal epithelium system. British Journal of Ophthalmology, 2011, 95, 869-875.	3.9	75
81	<i>In vivo</i> confocal microscopy as a novel and reliable tool for the diagnosis of <i>Demodex</i> eyelid infestation. British Journal of Ophthalmology, 2015, 99, 336-341.	3.9	74
82	In vitro effects of preserved and unpreserved antiglaucoma drugs on apoptotic marker expression by human trabecular cells. Graefe's Archive for Clinical and Experimental Ophthalmology, 2003, 241, 1037-1043.	1.9	71
83	Filtering Blebs and Aqueous Pathway. Ophthalmology, 2008, 115, 1154-1161.e4.	5.2	71
84	Expression of Fas-Fas Ligand Antigens and Apoptotic Marker APO2.7 by the Human Conjunctival Epithelium. Positive Correlation with Class II HLA DR Expression in Inflammatory Ocular Surface Disorders. Experimental Eye Research, 1998, 67, 687-697.	2.6	70
85	CCR4 and CCR5 expression in conjunctival specimens as differential markers of TH1/ TH2 in ocular surface disorders. Journal of Allergy and Clinical Immunology, 2005, 116, 614-619.	2.9	70
86	Intraocular pressure reduction and neuroprotection conferred by bone marrow-derived mesenchymal stem cells in an animal model of glaucoma. Stem Cell Research and Therapy, 2015, 6, 177.	5 . 5	70
87	Chronic dry eye induced corneal hypersensitivity, neuroinflammatory responses, and synaptic plasticity in the mouse trigeminal brainstem. Journal of Neuroinflammation, 2019, 16, 268.	7.2	70
88	Epithelial Basement Membrane Dystrophy. Ophthalmology, 2006, 113, 1301-1308.	5.2	69
89	Randomized, phase III study comparing osmoprotective carboxymethylcellulose with sodium hyaluronate in dry eye disease. European Journal of Ophthalmology, 2012, 22, 751-761.	1.3	67
90	Tear Film Osmolarity in Patients Treated for Glaucoma or Ocular Hypertension. Cornea, 2012, 31, 994-999.	1.7	66

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91	Cyclocoagulation of the Ciliary Bodies by High-Intensity Focused Ultrasound: A 12-Month Multicenter Study. Investigative Ophthalmology and Visual Science, 2015, 56, 1089-1096.	3.3	66
92	A Randomized Study of the Efficacy and Safety of 0.1% Cyclosporine a Cationic Emulsion in Treatment of Moderate to Severe Dry Eye. European Journal of Ophthalmology, 2017, 27, 520-530.	1.3	65
93	The trabecular meshwork: Structure, function and clinical implications. A review of the literature. Journal Francais D'Ophtalmologie, 2020, 43, e217-e230.	0.4	65
94	Nutritional, lifestyle and environmental factors in ocular hypertension and primary open-angle glaucoma: an exploratory case-control study. Acta Ophthalmologica, 2013, 91, 505-513.	1.1	63
95	Immunohistologic Study of Epiretinal Membranes in Proliferative Vitreoretinopathy. American Journal of Ophthalmology, 1990, 110, 593-598.	3.3	62
96	In Vivo Confocal Microscopy and Anterior Segment Optical Coherence Tomography Analysis of the Cornea in Nephropathic Cystinosis. Ophthalmology, 2009, 116, 870-876.	5.2	61
97	Retinal and Choroidal Microvasculature in Nonarteritic Anterior Ischemic Optic Neuropathy: An Optical Coherence Tomography Angiography Study. , 2018, 59, 870.		61
98	Hyperosmolarity potentiates toxic effects of benzalkonium chloride on conjunctival epithelial cells in vitro. Molecular Vision, 2012, 18, 851-63.	1.1	60
99	Cytoprotective effects of hyaluronic acid and Carbomer 934P in ocular surface epithelial cells. Investigative Ophthalmology and Visual Science, 2002, 43, 3409-15.	3.3	60
100	Glaucoma: A Degenerative Optic Neuropathy Related to Neuroinflammation?. Cells, 2020, 9, 535.	4.1	59
101	Patient satisfaction with glaucoma therapy: reality or myth?. Clinical Ophthalmology, 2015, 9, 785.	1.8	57
102	Visual acuity and quality of life in dry eye disease: Proceedings of the OCEAN group meeting. Ocular Surface, 2017, 15, 169-178.	4.4	57
103	The ocular microbiome and microbiota and their effects on ocular surface pathophysiology and disorders. Survey of Ophthalmology, 2021, 66, 907-925.	4.0	56
104	Comparative Anatomy of Laboratory Animal Corneas with a New-Generation High-Resolution <i>In Vivo </i> Vivo	1.5	55
105	Influence of corneal biomechanical properties on surgically induced astigmatism in cataract surgery. Journal of Cataract and Refractive Surgery, 2013, 39, 1204-1210.	1.5	55
106	RGTA® or ReGeneraTing Agents mimic heparan sulfate in regenerative medicine: from concept to curing patients. Glycoconjugate Journal, 2017, 34, 325-338.	2.7	55
107	One-Year Efficacy and Safety of 0.1% Cyclosporine a Cationic Emulsion in the Treatment of Severe Dry Eye Disease. European Journal of Ophthalmology, 2017, 27, 678-685.	1.3	55
108	Blue light phototoxicity toward human corneal and conjunctival epithelial cells in basal and hyperosmolar conditions. Free Radical Biology and Medicine, 2018, 126, 27-40.	2.9	55

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109	Pathways of Corneal and Ocular Surface Inflammation: A Perspective from the Cullen Symposium. Ocular Surface, 2005, 3, S-131-S-138.	4.4	54
110	A new gel formulation of topical cysteamine for the treatment of corneal cystine crystals in cystinosis: The Cystadrops OCT-1 study. Molecular Genetics and Metabolism, 2014, 111, 314-320.	1.1	53
111	The Triple Classification of Dry Eye for Practical Clinical Use. European Journal of Ophthalmology, 2005, 15, 660-667.	1.3	52
112	Potential Role of In Vivo Confocal Microscopy for Imaging Corneal Nerves in Transthyretin Familial Amyloid Polyneuropathy. JAMA Ophthalmology, 2016, 134, 983.	2.5	52
113	Bilateral neuroinflammatory processes in visual pathways induced by unilateral ocular hypertension in the rat. Journal of Neuroinflammation, 2016, 13, 44.	7.2	51
114	International publication trends in dry eye disease research: A bibliometric analysis. Ocular Surface, 2018, 16, 173-179.	4.4	51
115	EMMPRIN Modulates Epithelial Barrier Function through a MMP–Mediated Occludin Cleavage. American Journal of Pathology, 2011, 179, 1278-1286.	3.8	49
116	Reduced in vivo Ocular Surface Toxicity with Polyquad-Preserved Travoprost versus Benzalkonium-Preserved Travoprost or Latanoprost Ophthalmic Solutions. Ophthalmic Research, 2012, 48, 89-101.	1.9	49
117	Morphological and Functional Changes of Corneal Nerves and Their Contribution to Peripheral and Central Sensory Abnormalities. Frontiers in Cellular Neuroscience, 2020, 14, 610342.	3.7	49
118	Cytotoxicity of contact lens multipurpose solutions: Role of oxidative stress, mitochondrial activity and P2X7 cell death receptor activation. European Journal of Pharmaceutical Sciences, 2008, 33, 138-145.	4.0	48
119	VEGF is an autocrine/paracrine neuroprotective factor for injured retinal ganglion neurons. Scientific Reports, 2020, 10, 12409.	3.3	48
120	Localisation and quantification of benzalkonium chloride in eye tissue by TOF-SIMS imaging and liquid chromatography mass spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 4039-4049.	3.7	47
121	Evaluation of Optical Coherence Tomography Meibography in Patients With Obstructive Meibomian Gland Dysfunction. Cornea, 2015, 34, 1193-1199.	1.7	46
122	Efficacy of 0.18% hypotonic sodium hyaluronate ophthalmic solution in the treatment of signs and symptoms of dry eye disease. Journal Français D'Ophtalmologie, 2012, 35, 412-419.	0.4	45
123	Evidence of seasonality and effects of psychrometry in dry eye disease. Acta Ophthalmologica, 2016, 94, 499-506.	1.1	45
124	A Randomized, Controlled Study of the Efficacy and Safety of a New Eyedrop Formulation for Moderate to Severe Dry Eye Syndrome. European Journal of Ophthalmology, 2017, 27, 1-9.	1.3	45
125	Spontaneous Eye Blink Patterns in Dry Eye: Clinical Correlations. , 2018, 59, 5149.		45
126	Proinflammatory Markers, Chemokines, and Enkephalin in Patients Suffering from Dry Eye Disease. International Journal of Molecular Sciences, 2018, 19, 1221.	4.1	45

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127	Cytoprotective effect against UV-induced DNA damage and oxidative stress: Role of new biological UV filter. European Journal of Pharmaceutical Sciences, 2007, 30, 203-210.	4.0	44
128	RGTA-based matrix therapy in severe experimental corneal lesions: Safety and efficacy studies. Journal Francais D'Ophtalmologie, 2013, 36, 740-747.	0.4	44
129	Reduction of quaternary ammonium-induced ocular surface toxicity by emulsions: an in vivo study in rabbits. Molecular Vision, 2008, 14, 204-16.	1.1	43
130	Acidic FGF and Other Growth Factors in Preretinal Membranes from Patients with Diabetic Retinopathy and Proliferative Vitreoretinopathy. Ophthalmic Research, 1991, 23, 154-161.	1.9	42
131	In vivo architectural analysis of clear corneal incisions using anterior segment optical coherence tomography. Journal of Cataract and Refractive Surgery, 2009, 35, 444-450.	1.5	42
132	Combined 3DISCO clearing method, retrograde tracer and ultramicroscopy to map corneal neurons in a whole adult mouse trigeminal ganglion. Experimental Eye Research, 2015, 139, 136-143.	2.6	42
133	A New Viscous Cysteamine Eye Drops Treatment for Ophthalmic Cystinosis: An Open-Label Randomized Comparative Phase III Pivotal Study. , 2017, 58, 2275.		42
134	Immunohistological study of subretinal membranes in age-related macular degeneration. Japanese Journal of Ophthalmology, 1992, 36, 443-51.	1.9	42
135	Comparison of morphological and functional characteristics of primary-cultured human conjunctival epithelium and of Wong–Kilbourne derivative of Chang conjunctival cell line. Experimental Eye Research, 2004, 78, 257-274.	2.6	41
136	In vitro and in vivo experimental studies on trabecular meshwork degeneration induced by benzalkonium chloride (an American Ophthalmological Society thesis). Transactions of the American Ophthalmological Society, 2012, 110, 40-63.	1.4	41
137	Polyquad-preserved travoprost/timolol, benzalkonium chloride (BAK)-preserved travoprost/timolol, and latanoprost/timolol in fixed combinations: a rabbit ocular surface study. Advances in Therapy, 2011, 28, 311-325.	2.9	40
138	Efficacy of indomethacin 0.1% and fluorometholone 0.1% on conjunctival inflammation following chronic application of antiglaucomatous drugs. , 2002, 240, 929-935.		39
139	In Vitro and In Vivo Comparative Toxicological Study of a New Preservative-Free Latanoprost Formulation. , 2012, 53, 8172.		39
140	Dynamic Change of Optical Quality in Patients With Dry Eye Disease. , 2015, 56, 2848.		39
141	Increased corneal subâ€basal nerve density in patients with Sjögren syndrome treated with topical cyclosporine A. Clinical and Experimental Ophthalmology, 2017, 45, 455-463.	2.6	39
142	Micropulse transscleral cyclophotocoagulation using a standard protocol in patients with refractory glaucoma naive of cyclodestruction. European Journal of Ophthalmology, 2021, 31, 112-119.	1.3	39
143	HLA DR and DQ distribution in normal human ocular structures. Current Eye Research, 1988, 7, 903-911.	1.5	38
144	Ocular Surface and External Filtration Surgery: Mutual Relationships. Developments in Ophthalmology, 2017, 59, 67-79.	0.1	38

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145	Interferon-gamma induces apoptosis and expression of inflammation-related proteins in Chang conjunctival cells. Investigative Ophthalmology and Visual Science, 1999, 40, 2199-212.	3.3	38
146	Correlation between tear IgE levels and HLA-DR expression by conjunctival cells in allergic and nonallergic chronic conjunctivitis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2000, 238, 900-904.	1.9	37
147	Confocal microscopic examination of trabecular meshwork removed during ab externo trabeculectomy. British Journal of Ophthalmology, 2002, 86, 1046-1052.	3.9	37
148	Occludin gene expression as an early in vitro sign for mild eye irritation assessment. Toxicology in Vitro, 2010, 24, 276-285.	2.4	37
149	Ocular tolerability and efficacy of a cationic emulsion in patients with mild to moderate dry eye disease–ÂA randomised comparative study. Journal Francais D'Ophtalmologie, 2014, 37, 589-598.	0.4	37
150	Comparative study on the cytotoxic effects of benzalkonium chloride on the Wong-Kilbourne derivative of Chang conjunctival and IOBA-NHC cell lines. Molecular Vision, 2008, 14, 394-402.	1.1	37
151	Therapeutic efficacy of trehalose eye drops for treatment of murine dry eye induced by an intelligently controlled environmental system. Molecular Vision, 2012, 18, 317-29.	1.1	37
152	Changes in Medical and Surgical Treatments of Glaucoma between 1997 and 2000 in France. European Journal of Ophthalmology, 2003, 13, 53-60.	1.3	36
153	Effect of benzalkonium chloride on trabecular meshwork cells in a new in vitro 3D trabecular meshwork model for glaucoma. Toxicology in Vitro, 2017, 41, 21-29.	2.4	36
154	Effect of Surgical Intraocular Pressure Lowering on Peripapillary and Macular Vessel Density in Glaucoma Patients: An Optical Coherence Tomography Angiography Study. Journal of Glaucoma, 2017, 26, 466-472.	1.6	36
155	Correlation Between the Inflammatory Marker HLA-DR and Signs and Symptoms in Moderate to Severe Dry Eye Disease., 2017, 58, 2438.		36
156	Blue light exposure in vitro causes toxicity to trigeminal neurons and glia through increased superoxide and hydrogen peroxide generation. Free Radical Biology and Medicine, 2019, 131, 27-39.	2.9	36
157	Photophobia and Corneal Crystal Density in Nephropathic Cystinosis: An In Vivo Confocal Microscopy and Anterior-Segment Optical Coherence Tomography Study. , 2015, 56, 3218.		35
158	XEN® Gel Stent for management of chronic open angle glaucoma: A review of the literature. Journal Francais D'Ophtalmologie, 2019, 42, e37-e46.	0.4	35
159	Efficacy and safety of 0.1% ciclosporin A cationic emulsion in dry eye disease: a pooled analysis of two double-masked, randomised, vehicle-controlled phase III clinical studies. British Journal of Ophthalmology, 2019, 103, 125-131.	3.9	35
160	Severe impairment of health-related quality of life in patients suffering from ocular surface diseases. Journal Francais D'Ophtalmologie, 2008, 31, 369-378.	0.4	34
161	Evaluation of keratic precipitates and corneal endothelium in Fuchs' heterochromic cyclitis by in vivo confocal microscopy. British Journal of Ophthalmology, 2009, 93, 673-677.	3.9	34
162	Ocular Surface Epithelial Thickness Evaluation in Dry Eye Patients: Clinical Correlations. Journal of Ophthalmology, 2016, 2016, 1-8.	1.3	33

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163	Long term effect of phacoemulsification on intraocular pressure in patients with medically controlled primary open-angle glaucoma. BMC Ophthalmology, 2019, 19, 149.	1.4	33
164	<i>In Vitro</i> Comparative Toxicology of Polyquad-Preserved and Benzalkonium Chloride-Preserved Travoprost/Timolol Fixed Combination and Latanoprost/Timolol Fixed Combination. Journal of Ocular Pharmacology and Therapeutics, 2011, 27, 273-280.	1.4	32
165	Activation of Prostaglandin FP and EP2 Receptors Differently Modulates Myofibroblast Transition in a Model of Adult Primary Human Trabecular Meshwork Cells. , 2016, 57, 1816.		32
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