Kohji Nishida

List of Publications by Year
in descending order

375 papers	15,928 citations	29994 54 h-index	29081 104 g-index
380 all docs	380 docs citations	380 times ranked	13063 citing authors

#	Article	IF	Citations
1	Corneal Reconstruction with Tissue-Engineered Cell Sheets Composed of Autologous Oral Mucosal Epithelium. New England Journal of Medicine, 2004, 351, 1187-1196.	13.9	1,386
2	Global Consensus on Keratoconus and Ectatic Diseases. Cornea, 2015, 34, 359-369.	0.9	730
3	Functional bioengineered corneal epithelial sheet grafts from corneal stem cells expanded ex vivo on a temperature-responsive cell culture surface. Transplantation, 2004, 77, 379-385.	0.5	521
4	Reconstruction of functional tissues with cell sheet engineering. Biomaterials, 2007, 28, 5033-5043.	5.7	444
5	New Perspectives on Dry Eye Definition and Diagnosis: A Consensus Report by the Asia Dry Eye Society. Ocular Surface, 2017, 15, 65-76.	2.2	377
6	Testing of Semichronically Implanted Retinal Prosthesis by Suprachoroidal-Transretinal Stimulation in Patients with Retinitis Pigmentosa. , 2011, 52, 4726.		245
7	Macular corneal dystrophy type I and type II are caused by distinct mutations in a new sulphotransferase gene. Nature Genetics, 2000, 26, 237-241.	9.4	243
8	Characteristics of the Human Ocular Surface Epithelium. Progress in Retinal and Eye Research, 2001, 20, 639-673.	7.3	230
9	Reproducibility of Retinal and Choroidal Thickness Measurements in Enhanced Depth Imaging and High-Penetration Optical Coherence Tomography. , 2011, 52, 5536.		221
10	Wavefront aberrations measured with Hartmann-Shack sensor in patients with keratoconus. Ophthalmology, 2002, 109, 1996-2003.	2.5	205
11	Functional human corneal endothelial cell sheets harvested from temperatureâ€responsive culture surfaces. FASEB Journal, 2006, 20, 392-394.	0.2	201
12	Cell delivery in regenerative medicine: The cell sheet engineering approach. Journal of Controlled Release, 2006, 116, 193-203.	4.8	197
13	Human limbal epithelium contains side population cells expressing the ATP-binding cassette transporter ABCG2. FEBS Letters, 2004, 565, 6-10.	1.3	195
14	Co-ordinated ocular development from human iPS cells and recovery of corneal function. Nature, 2016, 531, 376-380.	13.7	191
15	Sema3E-PlexinD1 signaling selectively suppresses disoriented angiogenesis in ischemic retinopathy in mice. Journal of Clinical Investigation, 2011, 121, 1974-1985.	3.9	182
16	Ocular Surface Abnormalities in Aniridia. American Journal of Ophthalmology, 1995, 120, 368-375.	1.7	175
17	Comparative Therapy Evaluation of Intravitreal Bevacizumab and Triamcinolone Acetonide on Persistent Diffuse Diabetic Macular Edema. American Journal of Ophthalmology, 2008, 145, 854-861.e3.	1.7	170
18	Identification of the gene responsible for gelatinous drop-like corneal dystrophy. Nature Genetics, 1999, 21, 420-423.	9.4	164

#	Article	IF	Citations
19	The Asia Cornea Society Infectious Keratitis Study: A Prospective Multicenter Study of Infectious Keratitis in Asia. American Journal of Ophthalmology, 2018, 195, 161-170.	1.7	152
20	Clinical features and management of cytomegalovirus corneal endotheliitis: analysis of 106 cases from the Japan corneal endotheliitis study. British Journal of Ophthalmology, 2015, 99, 54-58.	2.1	136
21	Generation of Corneal Epithelial Cells from Induced Pluripotent Stem Cells Derived from Human Dermal Fibroblast and Corneal Limbal Epithelium. PLoS ONE, 2012, 7, e45435.	1.1	135
22	CHOROIDAL THICKNESS IN CENTRAL SEROUS CHORIORETINOPATHY. Retina, 2013, 33, 302-308.	1.0	134
23	N-Cadherin Is Expressed by Putative Stem/Progenitor Cells and Melanocytes in the Human Limbal Epithelial Stem Cell Niche. Stem Cells, 2007, 25, 289-296.	1.4	132
24	Choroidal observations in Vogtâ€“Koyanagiâ€“Harada disease using high-penetration optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1089-1095.	1.0	127
25	Structural characterization of bioengineered human corneal endothelial cell sheets fabricated on temperature-responsive culture dishes. Biomaterials, 2006, 27, 607-614.	5.7	125
26	Choroidal thickness measurement in healthy Japanese subjects by three-dimensional high-penetration optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1485-1492.	1.0	125
27	Ocular Surface Reconstruction Using Autologous Rabbit Oral Mucosal Epithelial Sheets Fabricated Ex Vivo on a Temperature-Responsive Culture Surface. , 2005, 46, 1632.		124
28	Limbal Epithelial Side-Population Cells Have Stem Cell-Like Properties, Including Quiescent State. Stem Cells, 2006, 24, 86-94.	1.4	117
29	Early high-dose intravenous methylprednisolone is effective in preserving retinal nerve fiber layer thickness in patients with neuromyelitis optica. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 1777-1785.	1.0	113
30	Possible Role of Herpes Simplex Virus in the Origin of Posner-Schlossman Syndrome. American Journal of Ophthalmology, 1995, 119, 796-798.	1.7	112
31	Tissue Engineering of the Cornea. Cornea, 2003, 22, S28-S34.	0.9	106
32	A Kerato-Epithelin (Î²ig-h3) Mutation in Lattice Corneal Dystrophy Type IIIA. American Journal of Human Genetics, 1998, 62, 719-722.	2.6	105
33	Magnitude and Orientation of Zernike Terms in Patients with Keratoconus. , 2007, 48, 3062.		105
34	A Novel Gelatin Hydrogel Carrier Sheet for Corneal Endothelial Transplantation. Tissue Engineering - Part A, 2011, 17, 2213-2219.	1.6	97
35	Evaluation of the Choroidal Thickness Using High-Penetration Optical Coherence Tomography With Long Wavelength in Highly Myopic Normal-Tension Glaucoma. American Journal of Ophthalmology, 2012, 153, 10-16.e1.	1.7	97
36	Transforming growth factor-Î²1, -Î²2 and -Î²3 mRNA expression in human cornea. Current Eye Research, 1995, 14, 235-241.	0.7	91

#	Article	IF	Citations
37	Pitavastatin prevents NMDA-induced retinal ganglion cell death by suppressing leukocyte recruitment. Journal of Neurochemistry, 2007, 100, 1018-1031.	2.1	91
38	HLA-Matched Allogeneic iPS Cells-Derived RPE Transplantation for Macular Degeneration. Journal of Clinical Medicine, 2020, 9, 2217.	1.0	88
39	Isolation and Chromosomal Localization of a Cornea-Specific Human Keratin 12 Gene and Detection of Four Mutations in Meesmann Corneal Epithelial Dystrophy. American Journal of Human Genetics, 1997, 61, 1268-1275.	2.6	85
40	Coordinated generation of multiple ocular-like cell lineages and fabrication of functional corneal epithelial cell sheets from human iPS cells. Nature Protocols, 2017, 12, 683-696.	5.5	83
41	Human Corneal GlcNAc 6-O-Sulfotransferase and Mouse Intestinal GlcNAc 6-O-Sulfotransferase Both Produce Keratan Sulfate. Journal of Biological Chemistry, 2001, 276, 16271-16278.	1.6	82
42	Retinal Microvasculature and Visual Acuity in Eyes With Branch Retinal Vein Occlusion: Imaging Analysis by Optical Coherence Tomography Angiography. , 2017, 58, 2087.		80
43	Panretinal photocoagulation induces pro-inflammatory cytokines and macular thickening in high-risk proliferative diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 1617-1624.	1.0	78
44	Fabrication of human oral mucosal epithelial cell sheets for treatment of esophageal ulceration by endoscopic submucosal dissection. Gastrointestinal Endoscopy, 2010, 72, 1253-1259.	0.5	77
45	One-Year Outcome of 49-Channel Suprachoroidalâ€“Transretinal Stimulation Prosthesis in Patients With Advanced Retinitis Pigmentosa. , 2016, 57, 6147.		75
46	Matrix morphogenesis in cornea is mediated by the modification of keratan sulfate by GlcNAc 6-O-sulfotransferase. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13333-13338.	3.3	73
47	Two distinct kerato-epithelin mutations in Reis-BÃ¼cklers corneal dystrophy. American Journal of Ophthalmology, 1998, 126, 535-542.	1.7	70
48	Blockade of Interleukin-6 Signaling Suppresses Not Only Th17 but Also Interphotoreceptor Retinoid Binding Proteinâ€“Specific Th1 by Promoting Regulatory T Cells in Experimental Autoimmune Uveoretinitis. , 2011, 52, 3264.		70
49	Corneal topographic analysis in patients with keratoconus using 3-dimensional anterior segment optical coherence tomography. Journal of Cataract and Refractive Surgery, 2011, 37, 1871-1878.	0.7	69
50	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. Nature Genetics, 2016, 48, 640-647.	9.4	68
51	Fabrication of transplantable human oral mucosal epithelial cell sheets using temperature-responsive culture inserts without feeder layer cells. Journal of Artificial Organs, 2006, 9, 185-191.	0.4	67
52	Detection of Herpes Simplex Virus DNA in Human Tear Film by the Polymerase Chain Reaction. American Journal of Ophthalmology, 1994, 117, 160-163.	1.7	66
53	A method for enhancing the ocular penetration of eye drops using nanoparticles of hydrolyzable dye. Journal of Controlled Release, 2011, 153, 278-287.	4.8	66
54	Transcorneal Electrical Stimulation Promotes Survival of Photoreceptors and Improves Retinal Function in Rhodopsin P347L Transgenic Rabbits. , 2012, 53, 4254.		66

#	Article	IF	Citations
55	Relationship between Corneal Guttae and Quality of Vision in Patients with Mild Fuchs' Endothelial Corneal Dystrophy. Ophthalmology, 2015, 122, 2103-2109.	2.5	64
56	The effect of micropores in the surface of temperature-responsive culture inserts on the fabrication of transplantable canine oral mucosal epithelial cell sheets. Biomaterials, 2006, 27, 5518-5523.	5.7	63
57	Integrin-Î±vÎ²3 regulates thrombopoietin-mediated maintenance of hematopoietic stem cells. Blood, 2012, 119, 83-94.	0.6	63
58	Risk Factors for Development of Full-Thickness Macular Holes After Pars Plana Vitrectomy for Myopic Foveoschisis. American Journal of Ophthalmology, 2013, 155, 1021-1027.e1.	1.7	63
59	Long-term results of treatment with diquafosol ophthalmic solution for aqueous-deficient dry eye. Japanese Journal of Ophthalmology, 2013, 57, 440-446.	0.9	61
60	Identification and Potential Application of Human Corneal Endothelial Progenitor Cells. Stem Cells and Development, 2014, 23, 2190-2201.	1.1	59
61	Effect of nonâ€invasive tear stability assessment on tear meniscus height. Acta Ophthalmologica, 2015, 93, e135-9.	0.6	58
62	Enrichment of corneal epithelial stem/progenitor cells using cell surface markers, integrin Î±6 and CD71. Biochemical and Biophysical Research Communications, 2008, 367, 256-263.	1.0	57
63	Retinoschisis: a predictive factor in vitrectomy for macular holes without retinal detachment in highly myopic eyes. British Journal of Ophthalmology, 2012, 96, 197-200.	2.1	57
64	Effect of low-addition soft contact lenses with decentered optical design on myopia progression in children: a pilot study. Clinical Ophthalmology, 2014, 8, 1947.	0.9	56
65	The Role of Mislocalized Phototransduction in Photoreceptor Cell Death of Retinitis Pigmentosa. PLoS ONE, 2012, 7, e32472.	1.1	56
66	Efficacy and safety of 0.01% atropine for prevention of childhood myopia in a 2-year randomized placebo-controlled study. Japanese Journal of Ophthalmology, 2021, 65, 315-325.	0.9	54
67	Enzymes Responsible for Synthesis of Corneal Keratan Sulfate Glycosaminoglycans. Journal of Biological Chemistry, 2007, 282, 30085-30096.	1.6	53
68	Ocular Forward Light Scattering and Corneal Backward Light Scattering in Patients With Dry Eye. , 2014, 55, 6601.		53
69	Gene Expression of Neurotrophins and Their High-Affinity Trk Receptors in Cultured Human MÃ¼ller Cells. Ophthalmic Research, 2002, 34, 38-42.	1.0	52
70	Association of Toll-like Receptor 4 Gene Polymorphisms in Japanese Subjects With Primary Open-Angle, Normal-Tension, and Exfoliation Glaucoma. American Journal of Ophthalmology, 2012, 154, 825-832.e1.	1.7	52
71	INCIDENCE AND CHARACTERISTICS OF NEOVASCULARIZATION IN FELLOW EYES OF JAPANESE PATIENTS WITH UNILATERAL RETINAL ANGIOMATOUS PROLIFERATION. Retina, 2014, 34, 761-767.	1.0	52
72	Transplantation of Tissue-Engineered Epithelial Cell Sheets after Excimer Laser Photoablation Reduces Postoperative Corneal Haze. , 2006, 47, 552.		51

#	Article	IF	Citations
73	Granular corneal dystrophy with homozygous mutations in the kerato-epithelin gene. American Journal of Ophthalmology, 1998, 126, 169-176.	1.7	50
74	Corneal epithelial stem cell delivery using cell sheet engineering: Not lost in transplantation. Journal of Drug Targeting, 2006, 14, 471-482.	2.1	49
75	Corneal regeneration by transplantation of corneal epithelial cell sheets fabricated with automated cell culture system in rabbit model. Biomaterials, 2013, 34, 9010-9017.	5.7	49
76	Effect of Rebamipide Ophthalmic Suspension on Optical Quality in the Short Break-up Time Type of Dry Eye. Cornea, 2013, 32, 1219-1223.	0.9	48
77	Hotspots of De Novo Point Mutations in Induced Pluripotent Stem Cells. Cell Reports, 2017, 21, 308-315.	2.9	48
78	Iris pigment epithelial cell transplantation for degenerative retinal diseases. Progress in Retinal and Eye Research, 2007, 26, 302-321.	7.3	47
79	Age at Onset Curves of Retinitis Pigmentosa. JAMA Ophthalmology, 2008, 126, 337.	2.6	47
80	Effect of Transforming Growth Factor-Î²1 and -Î²2 onin vitroRabbit Corneal Epithelial Cell Proliferation Promoted by Epidermal Growth Factor, Keratinocyte Growth Factor, or Hepatocyte Growth Factor. Experimental Eye Research, 1997, 65, 391-396.	1.2	46
81	A role for endothelial cells in promoting the maturation of astrocytes through the apelin/APJ system in mice. Development (Cambridge), 2012, 139, 1327-1335.	1.2	45
82	Arhgef15 Promotes Retinal Angiogenesis by Mediating VEGF-Induced Cdc42 Activation and Potentiating RhoJ Inactivation in Endothelial Cells. PLoS ONE, 2012, 7, e45858.	1.1	45
83	Rat limbal epithelial side population cells exhibit a distinct expression of stem cell markers that are lacking in side population cells from the central cornea. FEBS Letters, 2005, 579, 6569-6574.	1.3	44
84	Quality of Vision in Eyes After Selective Lamellar Keratoplasty. Cornea, 2012, 31, S45-S49.	0.9	44
85	Characteristic Higher-Order Aberrations of the Anterior and Posterior Corneal Surfaces in 3 Corneal Transplantation Techniques. American Journal of Ophthalmology, 2012, 153, 284-290.e1.	1.7	44
86	The role of the Nrf2-mediated defense system in corneal epithelial wound healing. Free Radical Biology and Medicine, 2013, 61, 333-342.	1.3	44
87	Factors Associated With Corneal Deformation Responses Measured With a Dynamic Scheimpflug Analyzer. , 2017, 58, 538.		44
88	Regenerative Medicine for the Cornea. BioMed Research International, 2013, 2013, 1-8.	0.9	42
89	Effect of Instillation of Eyedrops for Dry Eye on Optical Quality. , 2013, 54, 4927.		42
90	Effect of diquafosol ophthalmic solution on the optical quality of the eyes in patients with aqueousâ€deficient dry eye. Acta Ophthalmologica, 2014, 92, e671-5.	0.6	42

#	Article	IF	Citations
91	The Effect of Ocular Surface Regularity on Contrast Sensitivity and Straylight in Dry Eye. , 2017, 58, 2647.		42
92	Epithelial Barrier Function and Ultrastructure of Gelatinous Drop-like Corneal Dystrophy. Cornea, 2000, 19, 551-555.	0.9	41
93	Ultrahigh-resolution imaging of human donor cornea using full-field optical coherence tomography. Journal of Biomedical Optics, 2007, 12, 041202.	1.4	41
94	ERK1 plays a critical protective role against Nâ€methylâ€<scp>D</scp>â€aspartateâ€induced retinal injury. Journal of Neuroscience Research, 2008, 86, 136-144.	1.3	41
95	Preparation of keratinocyte culture medium for the clinical applications of regenerative medicine. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, e63-e73.	1.3	41
96	En-face high-penetration optical coherence tomography imaging in polypoidal choroidal vasculopathy. British Journal of Ophthalmology, 2015, 99, 29-35.	2.1	40
97	A spectrum of clinical manifestations of gelatinous drop-like corneal dystrophy in japan. American Journal of Ophthalmology, 2004, 137, 1081-1084.	1.7	39
98	Suppression of phagocytic cells in retinal disorders using amphiphilic poly(Î³-glutamic acid) nanoparticles containing dexamethasone. Journal of Controlled Release, 2011, 151, 65-73.	4.8	39
99	TOPICAL BROMFENAC AS AN ADJUNCTIVE TREATMENT WITH INTRAVITREAL RANIBIZUMAB FOR EXUDATIVE AGE-RELATED MACULAR DEGENERATION. Retina, 2012, 32, 1804-1810.	1.0	39
100	PAX6 Isoforms, along with Reprogramming Factors, Differentially Regulate the Induction of Cornea-specific Genes. Scientific Reports, 2016, 6, 20807.	1.6	39
101	Amyloid and Pro501Thr-mutated Î²ig-h3 gene product colocalize in lattice corneal dystrophy type IIIA. American Journal of Ophthalmology, 1999, 127, 456-458.	1.7	38
102	A novel method of culturing human oral mucosal epithelial cell sheet using post-mitotic human dermal fibroblast feeder cells and modified keratinocyte culture medium for ocular surface reconstruction. British Journal of Ophthalmology, 2010, 94, 1244-1250.	2.1	38
103	Polymorphisms in ARMS2 (LOC387715) and LOXL1 Genes in the Japanese With Age-Related Macular Degeneration. American Journal of Ophthalmology, 2011, 151, 550-556.e1.	1.7	38
104	Chronic Implantation of Newly Developed Suprachoroidal-Transretinal Stimulation Prosthesis in Dogs. , 2011, 52, 6785.		38
105	Transplantable retinal pigment epithelial cell sheets for tissue engineering. Biomaterials, 2006, 27, 3639-44.	5.7	37
106	Fabrication and Validation of Autologous Human Oral Mucosal Epithelial Cell Sheets to Prevent Stenosis after Esophageal Endoscopic Submucosal Dissection. Pathobiology, 2011, 78, 311-319.	1.9	37
107	Preoperative factors predictive of postoperative decimal visual acuity ≥ 1.0 following surgical treatment for idiopathic epiretinal membrane. Clinical Ophthalmology, 2011, 5, 147.	0.9	37
108	p57Kip2 is expressed in quiescent mouse bone marrow side population cells. Biochemical and Biophysical Research Communications, 2005, 337, 14-21.	1.0	36

#	Article	IF	Citations
109	Effect of 1-year lutein supplementation on macular pigment optical density and visual function. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1847-1854.	1.0	36
110	Single-Molecule Tracking in Living Cells Using Single Quantum Dot Applications. Theranostics, 2012, 2, 655-667.	4.6	36
111	Choroidal thinning in high myopia measured by optical coherence tomography. Clinical Ophthalmology, 2013, 7, 889.	0.9	36
112	Association between ocular findings and preventive therapy with onset of central nervous system involvement in patients with primary vitreoretinal lymphoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 687-693.	1.0	36
113	Quantitative Evaluation of the Natural Progression of Keratoconus Using Three-Dimensional Optical Coherence Tomography. , 2016, 57, OCT169.		36
114	Suppression and Regression of Choroidal Neovascularization in Mice by a Novel CCR2 Antagonist, INCB3344. PLoS ONE, 2011, 6, e28933.	1.1	36
115	Ultrasound Biomicroscopic Examination of Acute Hydrops in Patients With Keratoconus. American Journal of Ophthalmology, 2006, 141, 1134-1136.	1.7	35
116	Validation System of Tissue-Engineered Epithelial Cell Sheets for Corneal Regenerative Medicine. Tissue Engineering - Part C: Methods, 2010, 16, 553-560.	1.1	35
117	Neural crest-derived multipotent cells in the adult mouse iris stroma. Genes To Cells, 2011, 16, 273-281.	0.5	35
118	Progression of Visual Field Defects in Eyes With Different Optic Disc Appearances in Patients With Normal Tension Glaucoma. Journal of Glaucoma, 2012, 21, 426-430.	0.8	35
119	Defects of the Lamina Cribrosa in High Myopia and Glaucoma. PLoS ONE, 2015, 10, e0137909.	1.1	35
120	Incidence and clinical features of recurrent Vogt-Koyanagi-Harada disease in Japanese individuals. Japanese Journal of Ophthalmology, 2015, 59, 157-163.	0.9	35
121	Susceptibility comparisons of normal preoperative conjunctival bacteria to fluoroquinolones. Journal of Cataract and Refractive Surgery, 2009, 35, 475-479.	0.7	34
122	Transparent, tough collagen laminates prepared by oriented flow casting, multi-cyclic vitrification and chemical cross-linking. Biomaterials, 2011, 32, 3358-3366.	5.7	34
123	Intravitreal bevacizumab for exudative branching vascular networks in polypoidal choroidal vasculopathy. British Journal of Ophthalmology, 2012, 96, 394-399.	2.1	34
124	Steroid Nanocrystals Prepared Using the Nano Spray Dryer B-90. Pharmaceutics, 2013, 5, 107-114.	2.0	34
125	Quantitative Regional Differences in Corneal Endothelial Abnormalities in the Central and Peripheral Zones in Fuchs' Endothelial Corneal Dystrophy. , 2014, 55, 5090.		34
126	CHARACTERISTICS OF CENTRAL SEROUS CHORIORETINOPATHY COMPLICATED BY FOCAL CHOROIDAL EXCAVATION. Retina, 2014, 34, 1216-1222.	1.0	34

#	Article	IF	Citations
127	Pretreatment of posterior subtenon injection of triamcinolone acetonide has beneficial effects for grid pattern photocoagulation against diffuse diabetic macular oedema. British Journal of Ophthalmology, 2007, 91, 449-454.	2.1	33
128	Expression of Membrane-associated Mucins in Cultivated Human Oral Mucosal Epithelial Cells. Cornea, 2007, 26, S65-S69.	0.9	33
129	Analysis of angiogenesis induced by cultured corneal and oral mucosal epithelial cell sheets in vitro. Experimental Eye Research, 2007, 85, 772-781.	1.2	33
130	Expression of Vasohibin, an Antiangiogenic Factor, in Human Choroidal Neovascular Membranes. American Journal of Ophthalmology, 2008, 146, 235-243.e2.	1.7	33
131	Effect of Cataract in Evaluation of Macular Pigment Optical Density by Autofluorescence Spectrometry. Investigative Ophthalmology and Visual Science, 2011, 52, 927-932.	3.3	32
132	Characteristics of ocular higher-order aberrations in patients with pellucid marginal corneal degeneration. Journal of Cataract and Refractive Surgery, 2008, 34, 1928-1934.	0.7	30
133	Relationship between grades of macular perfusion and foveal thickness in branch retinal vein occlusion. Clinical Ophthalmology, 2012, 7, 39.	0.9	29
134	Evidence of the Survival of Ectopically Transplanted Oral Mucosal Epithelial Stem Cells After Repeated Wounding of Cornea. Molecular Therapy, 2014, 22, 1544-1555.	3.7	29
135	CHOROIDAL THICKNESS CHANGES AFTER DIABETES TYPE 2 AND BLOOD PRESSURE CONTROL IN A HOSPITALIZED SITUATION. Retina, 2014, 34, 1190-1198.	1.0	29
136	Ethnic specific association of the CAV1/CAV2 locus with primary open-angle glaucoma. Scientific Reports, 2016, 6, 27837.	1.6	29
137	Prediction of Postoperative Intraocular Lens Position with Angle-to-Angle Depth Using Anterior Segment Optical Coherence Tomography. Ophthalmology, 2016, 123, 2474-2480.	2.5	29
138	Identification of ANGPT2 as a New Gene for Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in the Chinese and Japanese Populations. , 2017, 58, 1076.		29
139	Discovery of Molecular Markers to Discriminate Corneal Endothelial Cells in the Human Body. PLoS ONE, 2015, 10, e0117581.	1.1	28
140	Treatment Outcomes and Prognostic Factors of Selective Laser Trabeculoplasty for Open-angle Glaucoma Receiving Maximal-tolerable Medical Therapy. Journal of Glaucoma, 2016, 25, 785-789.	0.8	28
141	Clinical Findings of Anterior Segment Spectral Domain Optical Coherence Tomography Images in Cytomegalovirus Corneal Endotheliitis. Cornea, 2017, 36, 411-414.	0.9	28
142	Atypical Composition and Ultrastructure of Proteoglycans in the Mouse Corneal Stroma. , 2005, 46, 1973.		27
143	Conversion of mammalian MÃ¼ller glial cells into a neuronal lineage by in vitro aggregate-culture. Biochemical and Biophysical Research Communications, 2006, 351, 514-520.	1.0	27
144	Human adipose tissue-derived mesenchymal stem cells as a novel feeder layer for epithelial cells. Journal of Tissue Engineering and Regenerative Medicine, 2008, 2, 445-449.	1.3	27

#	Article	IF	Citations
145	EphrinB2â€“EphB4 Signals Regulate Formation and Maintenance of Funnel-Shaped Valves in Corneal Lymphatic Capillaries. , 2013, 54, 4102.		27
146	Immunohistological study of infiltrated cells and cytokines in murine herpetic keratitis. Acta Ophthalmologica, 2001, 79, 484-487.	0.4	26
147	Diclofenac Prevents an Early Event of Macular Thickening After Cataract Surgery in Patients with Diabetes. Journal of Ocular Pharmacology and Therapeutics, 2007, 23, 284-291.	0.6	26
148	Visual prognosis and vitreous cytokine levels after arteriovenous sheathotomy in branch retinal vein occlusion associated with macular oedema. Acta Ophthalmologica, 2008, 86, 377-384.	0.6	26
149	Flow-manipulated, crosslinked collagen gels for use as corneal equivalents. Biomaterials, 2010, 31, 8996-9005.	5.7	26
150	Aqueous Concentrations of Vascular Endothelial Growth Factor in Eyes with High Myopia with and without Choroidal Neovascularization. Journal of Ophthalmology, 2013, 2013, 1-5.	0.6	26
151	Development of transplantable genetically modified corneal epithelial cell sheets for gene therapy. Biomaterials, 2007, 28, 745-749.	5.7	25
152	CD61 enriches long-term repopulating hematopoietic stem cells. Biochemical and Biophysical Research Communications, 2008, 365, 176-182.	1.0	25
153	Macular Microstructures and Prognostic Factors in Myopic Subretinal Hemorrhages. Investigative Ophthalmology and Visual Science, 2014, 55, 226-232.	3.3	25
154	Analysis of Retinal Nonperfusion Using Depth-Integrated Optical Coherence Tomography Images in Eyes With Branch Retinal Vein Occlusion. Investigative Ophthalmology and Visual Science, 2015, 56, 640-646.	3.3	25
155	ONE-YEAR RESULTS OF INTRAVITREAL AFLIBERCEPT FOR POLYPOIDAL CHOROIDAL VASCULOPATHY. Retina, 2016, 36, 37-45.	1.0	25
156	Regional Differences in Tear Film Stability and Meibomian Glands in Patients With Aqueous-Deficient Dry Eye. Eye and Contact Lens, 2016, 42, 250-255.	0.8	25
157	Topical Administration of HSV gD-IL-2 DNA Is Highly Protective Against Murine Herpetic Stromal Keratitis. Cornea, 2002, 21, 106-110.	0.9	24
158	Renin-Angiotensin System in Proliferative Diabetic Retinopathy and Its Gene Expression in Cultured Human MÃ¼ller Cells. Japanese Journal of Ophthalmology, 2003, 47, 36-41.	0.9	24
159	Comparison of enhanced depth imaging and high-penetration optical coherence tomography for imaging deep optic nerve head and parapapillary structures. Clinical Ophthalmology, 2013, 7, 1995.	0.9	24
160	ADDITIONAL ANTIâ€“VASCULAR ENDOTHELIAL GROWTH FACTOR THERAPY FOR EYES WITH A RETINAL PIGMENT EPITHELIAL TEAR AFTER THE INITIAL THERAPY. Retina, 2014, 34, 512-518.	1.0	24
161	Prominent Decrease of Tear Meniscus Height With Contact Lens Wear and Efficacy of Eye Drop Instillation. Eye and Contact Lens, 2015, 41, 318-322.	0.8	24
162	Analysis of Peripapillary Geometric Characters in High Myopia Using Swept-Source Optical Coherence Tomography. , 2016, 57, 137.		24

#	Article	IF	Citations
163	Evaluation of Visual Quality in Patients With Fuchs Endothelial Corneal Dystrophy. Cornea, 2016, 35, S55-S58.	0.9	24
164	A Self-Assembling Peptide Gel as a Vitreous Substitute: A Rabbit Study. , 2017, 58, 4068.		24
165	Different types of optic disc shape in patients with advanced open-angle glaucoma. Japanese Journal of Ophthalmology, 2010, 54, 291-295.	0.9	23
166	Induction of putative stratified epithelial progenitor cells in vitro from mouse-induced pluripotent stem cells. Journal of Artificial Organs, 2011, 14, 58-66.	0.4	23
167	Anisotropic Mechanical Properties of Collagen Hydrogels Induced by Uniaxial-Flow for Ocular Applications. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 1427-1442.	1.9	23
168	CORRELATION OF INDOCYANINE GREEN ANGIOGRAPHY AND OPTICAL COHERENCE TOMOGRAPHY FINDINGS AFTER INTRAVITREAL RANIBIZUMAB FOR POLYPOIDAL CHOROIDAL VASCULOPATHY. Retina, 2012, 32, 2006-2013.	1.0	23
169	Transcriptional Regulation of VEGFA by the Endoplasmic Reticulum Stress Transducer OASIS in ARPE-19 Cells. PLoS ONE, 2013, 8, e55155.	1.1	23
170	Development of a Cell Sheet Transportation Technique for Regenerative Medicine. Tissue Engineering - Part C: Methods, 2014, 20, 373-382.	1.1	23
171	Analysis of choroidal folds in acute Vogtâ€“Koyanagiâ€“Harada disease using high-penetration optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 959-964.	1.0	23
172	Polymerase Chain Reaction Detection of Herpes Simplex Virus in Tear Fluid From Atypical Herpetic Epithelial Keratitis After Penetrating Keratoplasty. American Journal of Ophthalmology, 1996, 122, 732-735.	1.7	22
173	Histopathology of Recurrent Gelatinous Drop-Like Corneal Dystrophy. Cornea, 1998, 17, 215-221.	0.9	22
174	Calpain inhibitor nanocrystals prepared using Nano Spray Dryer B-90. Nanoscale Research Letters, 2012, 7, 436.	3.1	22
175	Prevalence and Associated Factors of Segmentation Errors in the Peripapillary Retinal Nerve Fiber Layer and Macular Ganglion Cell Complex in Spectral-domain Optical Coherence Tomography Images. Journal of Glaucoma, 2017, 26, 995-1000.	0.8	22
176	Evaluation of Corneal Neovascularization Using Optical Coherence Tomography Angiography in Patients With Limbal Stem Cell Deficiency. Cornea, 2017, 36, S72-S75.	0.9	22
177	Choroidal and cutaneous metastasis from gastric adenocarcinoma. World Journal of Gastroenterology, 2013, 19, 1485.	1.4	22
178	Successful Outcomes of 25- and 23-Gauge Vitrectomies for Giant Retinal Tear Detachments. Ophthalmic Surgery Lasers and Imaging Retina, 2011, 42, 487-492.	0.4	22
179	Irreversible optical clearing of sclera by dehydration and cross-linking. Biomaterials, 2011, 32, 1080-1090.	5.7	21
180	Postoperative Optical Coherence Tomographic Appearance and Relation to Visual Acuity After Vitrectomy for Myopic Foveoschisis. American Journal of Ophthalmology, 2013, 156, 968-973.e1.	1.7	21

#	Article	IF	Citations
181	Clinical Outcomes and Changes in Aqueous Vascular Endothelial Growth Factor Levels After Intravitreal Bevacizumab for Iris Neovascularization and Neovascular Glaucoma: A Retrospective Two-Dose Comparative Study. Journal of Ocular Pharmacology and Therapeutics, 2012, 28, 41-48.	0.6	20
182	Regenerative medicine of cornea by cell sheet engineering using temperature-responsive culture surfaces. Science Bulletin, 2013, 58, 4349-4356.	1.7	20
183	Corneal biomechanical properties in 3 corneal transplantation techniques with a dynamic Scheimpflug analyzer. Japanese Journal of Ophthalmology, 2014, 58, 483-489.	0.9	20
184	Characteristics of the Retinal Surface After Internal Limiting Membrane Peeling in Highly Myopic Eyes. American Journal of Ophthalmology, 2014, 158, 762-768.e1.	1.7	20
185	Measurements of the parapapillary atrophy zones in en face optical coherence tomography images. PLoS ONE, 2017, 12, e0175347.	1.1	20
186	Transportation of transplantable cell sheets fabricated with temperature-responsive culture surfaces for regenerative medicine. Journal of Tissue Engineering and Regenerative Medicine, 2008, 2, 190-195.	1.3	19
187	Identification of Vascular Endothelial Side Population Cells in the Choroidal Vessels and Their Potential Role in Age-Related Macular Degeneration. , 2013, 54, 6686.		19
188	Choroidal observations in posterior scleritis using high-penetration optical coherence tomography. International Ophthalmology, 2014, 34, 937-943.	0.6	19
189	KLF4 prevents epithelial to mesenchymal transition in human corneal epithelial cells via endogenous TGF-Î²2 suppression. Regenerative Therapy, 2019, 11, 249-257.	1.4	19
190	Fovea-Sparing versus Standard Internal Limiting Membrane Peeling for Myopic Traction Maculopathy: A Study of 102 Consecutive Cases. Ophthalmology Retina, 2020, 4, 1170-1180.	1.2	19
191	Temporal and spatial differences in expression of TrkB isoforms in rat retina during constant light exposure. Experimental Eye Research, 2007, 85, 346-355.	1.2	18
192	TrkB-T1 Receptors on Muller Cells Play Critical Role in Brain-Derived Neurotrophic Factor-Mediated Photoreceptor Protection against Phototoxicity. Current Eye Research, 2009, 34, 580-588.	0.7	18
193	Laser-Induced Choroidal Neovascularization in Mice Attenuated by Deficiency in the Apelin-APJ System. , 2013, 54, 4321.		18
194	Calpainâ€mediated degradation of Gâ€substrate plays a critical role in retinal excitotoxicity for amacrine cells. Journal of Neuroscience Research, 2009, 87, 1412-1423.	1.3	17
195	A 29/30-GAUGE DUAL-CHANDELIER ILLUMINATION SYSTEM FOR PANORAMIC VIEWING DURING MICROINCISION VITRECTOMY SURGERY. Retina, 2011, 31, 1231-1233.	1.0	17
196	Low-Dose Lipopolysaccharide Pretreatment Suppresses Choroidal Neovascularization via IL-10 Induction. PLoS ONE, 2012, 7, e39890.	1.1	17
197	LONG-SHAFT FORCEPS FOR MEMBRANE PEELING IN HIGHLY MYOPIC EYES. Retina, 2013, 33, 1475-1476.	1.0	17
198	Maintenance and Distribution of Epithelial Stem/Progenitor Cells after Corneal Reconstruction Using Oral Mucosal Epithelial Cell Sheets. PLoS ONE, 2014, 9, e110987.	1.1	17

#	Article	IF	Citations
199	Visual Sensation by Electrical Stimulation Using a New Direct Optic Nerve Electrode Device. Brain Stimulation, 2015, 8, 678-681.	0.7	17
200	Retinal nerve fiber layer and ganglion cell complex thicknesses measured with spectral-domain optical coherence tomography in eyes with no light perception due to nonglaucomatous optic neuropathy. Japanese Journal of Ophthalmology, 2015, 59, 230-235.	0.9	17
201	Quality of Vision in Eyes With Epiphora Undergoing Lacrimal Passage Intubation. American Journal of Ophthalmology, 2017, 181, 71-78.	1.7	17
202	Generation of functional conjunctival epithelium, including goblet cells, from human iPSCs. Cell Reports, 2021, 34, 108715.	2.9	17
203	Association of HK2 and NCK2 with Normal Tension Glaucoma in the Japanese Population. PLoS ONE, 2013, 8, e54115.	1.1	17
204	Clusterin in Human Corneal Endothelium and Aqueous Humor. Experimental Eye Research, 1999, 69, 705-708.	1.2	16
205	Nectin-3 expression is elevated in limbal epithelial side population cells with strongly expressed stem cell markers. Biochemical and Biophysical Research Communications, 2009, 389, 274-278.	1.0	16
206	Physical and Specific Crosslinking of Collagen Fibers by Supramolecular Nanogelators. Advanced Materials, 2011, 23, 2957-2961.	11.1	16
207	Human Herpesvirus 8 in Corneal Endotheliitis Resulting in Graft Failure After Penetrating Keratoplasty Refractory to Allograft Rejection Therapy. JAMA Ophthalmology, 2011, 129, 1629.	2.6	16
208	Serial measurements of accommodation by open-field Hartmannâ€“Shack wavefront aberrometer in eyes with accommodative spasm. Japanese Journal of Ophthalmology, 2012, 56, 617-623.	0.9	16
209	Characteristics of Retinal Reflectance Changes Induced by Transcorneal Electrical Stimulation in Cat Eyes. PLoS ONE, 2014, 9, e92186.	1.1	16
210	Characteristics of corneal topographic and pachymetric patterns in patients with pellucid marginal corneal degeneration. Japanese Journal of Ophthalmology, 2014, 58, 131-138.	0.9	16
211	Prolonged increase in tear meniscus height by 3% diquafosol ophthalmic solution in eyes with contact lenses. Clinical Ophthalmology, 2015, 9, 1029.	0.9	16
212	Translation and validation of the 8-item Contact Lens Dry Eye Questionnaire (CLDEQ-8) among Japanese soft contact lens wearers: The J-CLDEQ-8. Contact Lens and Anterior Eye, 2019, 42, 533-539.	0.8	16
213	Mutation spectrum of the CYP1B1 gene for congenital glaucoma in the Japanese population. Japanese Journal of Ophthalmology, 2010, 54, 1-6.	0.9	15
214	USEFULNESS OF INDOCYANINE GREEN ANGIOGRAPHY TO DEPICT THE DISTANT RETINAL VASCULAR ANOMALIES ASSOCIATED WITH BRANCH RETINAL VEIN OCCLUSION CAUSING SEROUS MACULAR DETACHMENT. Retina, 2012, 32, 308-313.	1.0	15
215	Reduced-fluence Photodynamic Therapy for Subfoveal Serous Pigment Epithelial Detachment With Choroidal Vascular Hyperpermeability. American Journal of Ophthalmology, 2012, 154, 865-871.e1.	1.7	15
216	Chemokines in aqueous humour before and after intravitreal triamcinolone acetonide in eyes with macular oedema associated with branch retinal vein occlusion. Acta Ophthalmologica, 2012, 90, 162-167.	0.6	15

#	Article	IF	Citations
217	Visual Performance and Optical Quality of Standardized Asymmetric Soft Contact Lenses in Patients With Keratoconus. , 2017, 58, 2899.		15
218	Molecular and Cellular Features of Murine Craniofacial and Trunk Neural Crest Cells as Stem Cell-Like Cells. PLoS ONE, 2014, 9, e84072.	1.1	15
219	An Expression Profile of Active Genes in Human Conjunctival Epithelium. Experimental Eye Research, 2001, 72, 235-241.	1.2	14
220	Foveal sparing in patients with Japanese Stargardtâ€™s disease and good visual acuity. Japanese Journal of Ophthalmology, 2012, 56, 584-588.	0.9	14
221	Comparison of Corneal and Aqueous Humor Penetration of Moxifloxacin, Gatifloxacin and Levofloxacin during Keratoplasty. Advances in Therapy, 2012, 29, 339-349.	1.3	14
222	Changes in fundus autofluorescence in polypoidal choroidal vasculopathy during 3 years of follow-up. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 2331-2337.	1.0	14
223	Validation of Na,K-ATPase Pump Function of Corneal Endothelial Cells for Corneal Regenerative Medicine. Tissue Engineering - Part C: Methods, 2013, 19, 901-910.	1.1	14
224	Higher-Order Aberrations of Anterior and Posterior Corneal Surfaces in Patients With Keratectasia After LASIK. , 2014, 55, 3905.		14
225	Reperfusion of Large Ischemic Areas Associated With Central Retinal Vein Occlusion. JAMA Ophthalmology, 2014, 132, 361.	1.4	14
226	Aniridia with a Heterozygous PAX6 Mutation in which the Pituitary Function was Partially Impaired. Internal Medicine, 2014, 53, 39-42.	0.3	14
227	Localization and osteoblastic differentiation potential of neural crest-derived cells in oral tissues of adult mice. Biochemical and Biophysical Research Communications, 2015, 464, 1209-1214.	1.0	14
228	National survey of pellucid marginal corneal degeneration in Japan. Japanese Journal of Ophthalmology, 2016, 60, 341-348.	0.9	14
229	Measurement repeatability of the dynamic Scheimpflug analyzer. Japanese Journal of Ophthalmology, 2017, 61, 433-440.	0.9	14
230	High-Temperature Requirement A 1 Causes Photoreceptor Cell Death in Zebrafish Disease Models. American Journal of Pathology, 2018, 188, 2729-2744.	1.9	14
231	Conjunctival dysbiosis in mucosa-associated lymphoid tissue lymphoma. Scientific Reports, 2019, 9, 8424.	1.6	14
232	Ocular surface ectoderm instigated by WNT inhibition and BMP4. Stem Cell Research, 2020, 46, 101868.	0.3	14
233	Adiponectin accumulation in the retinal vascular endothelium and its possible role in preventing early diabetic microvascular damage. Scientific Reports, 2022, 12, 4159.	1.6	14
234	Gelatino-lattice corneal dystrophy: clinical features and mutational analysis. American Journal of Ophthalmology, 2000, 129, 665-666.	1.7	13

#	Article	IF	Citations
235	Suppression of Choroidal Neovascularization by Vasohibin-1, a Vascular Endotheliumâ€“Derived Angiogenic Inhibitor. , 2011, 52, 3272.		13
236	Implantation of a newly developed direct optic nerve electrode device for artificial vision in rabbits. Journal of Artificial Organs, 2012, 15, 295-300.	0.4	13
237	Rigid gas-permeable contact lensâ€“assisted cataract surgery in patients with severe keratoconus. Journal of Cataract and Refractive Surgery, 2014, 40, 345-348.	0.7	13
238	Efficacy of Chandelier Illumination for Combined Cataract Operation and Penetrating Keratoplasty. Cornea, 2015, 34, 275-278.	0.9	13
239	False reaching movements in localization test and effect of auditory feedback in simulated ultra-low vision subjects and patients with retinitis pigmentosa. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 947-956.	1.0	13
240	Drug reflux during posterior subtenon infusion of triamcinolone acetonide in diffuse diabetic macular edema not only brings insufficient reduction but also causes elevation of intraocular pressure. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 907-912.	1.0	12
241	Development of Methicillin-Resistant Staphylococcus aureus Keratitis in a Dry Eye Patient With a Therapeutic Contact Lens. Eye and Contact Lens, 2012, 38, 200-202.	0.8	12
242	Effectiveness of 1.25Â% povidoneâ€“iodine combined with topical levofloxacin against conjunctival flora in intravitreal injection. Japanese Journal of Ophthalmology, 2012, 56, 497-501.	0.9	12
243	Corneal Topographic Analysis by 3-Dimensional Anterior Segment Optical Coherence Tomography after Endothelial Keratoplasty. , 2012, 53, 3286.		12
244	Optical mechanical refinement of human amniotic membrane by dehydration and cross-linking. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 731-737.	1.3	12
245	Triple procedure. Current Opinion in Ophthalmology, 2017, 28, 63-66.	1.3	12
246	Clinical features and visual function in a patient with Fish-eye disease: Quantitative measurements and optical coherence tomography. American Journal of Ophthalmology Case Reports, 2018, 10, 137-141.	0.4	12
247	Association of the SIX6 locus with primary open angle glaucoma in southern Chinese and Japanese. Experimental Eye Research, 2019, 180, 129-136.	1.2	12
248	Anterior segment Scheimpflug imaging for detecting primary angle closure disease. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 161-167.	1.0	12
249	Cell-Type-Specific Adhesiveness and Proliferation Propensity on Laminin Isoforms Enable Purification of iPSC-Derived Corneal Epithelium. Stem Cell Reports, 2020, 14, 663-676.	2.3	12
250	Endothelial Decompensation in a Schizophrenic Patient Receiving Long-Term Treatment with Tranquilizers. Cornea, 1992, 11, 475-478.	0.9	11
251	Isolation and Chromosomal Localization of the Human Cone cGMP Phosphodiesterase Î³ cDNA (PDE6H). Genomics, 1996, 32, 121-124.	1.3	11
252	Subcutaneous transplantation of autologous oral mucosal epithelial cell sheets fabricated on temperatureâ€responsive culture dishes. Journal of Biomedical Materials Research - Part A, 2008, 86A, 1088-1096.	2.1	11

#	Article	IF	Citations
253	Electron tomography reveals multiple self-association of chondroitin sulphate/dermatan sulphate proteoglycans in Chst5-null mouse corneas. Journal of Structural Biology, 2011, 174, 536-541.	1.3	11
254	Chandelier Illumination for Use During Descemet Stripping Automated Endothelial Keratoplasty in Patients With Advanced Bullous Keratopathy. Cornea, 2011, 30, S50-S53.	0.9	11
255	Irreversible optical clearing of rabbit dermis for autogenic corneal stroma transplantation. Biomaterials, 2011, 32, 6764-6772.	5.7	11
256	Classification of Secondary Corneal Amyloidosis and Involvement of Lactoferrin. Ophthalmology, 2013, 120, 1166-1172.	2.5	11
257	Translational Research on Ocular Surface Reconstruction Using Oral Mucosal Epithelial Cell Sheets. Cornea, 2014, 33, S47-S52.	0.9	11
258	Comparison of spectral-domain and high-penetration OCT for observing morphologic changes in age-related macular degeneration and polypoidal choroidal vasculopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 3-9.	1.0	11
259	Effects of a Lutein Supplement on the Plasma Lutein Concentration and Macular Pigment in Patients With Central Serous Chorioretinopathy. , 2014, 55, 5238.		11
260	COMPARISON OF VISUAL PROGNOSES BETWEEN NATURAL COURSE OF SIMPLE HEMORRHAGE AND CHOROIDAL NEOVASCULARIZATION TREATED WITH INTRAVITREAL BEVACIZUMAB IN HIGHLY MYOPIC EYES. Retina, 2015, 35, 429-434.	1.0	11
261	Association of ABCG1 With Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Chinese and Japanese. , 2016, 57, 5758.		11
262	Spontaneous acquisition of infinite proliferative capacity by a rabbit corneal endothelial cell line with maintenance of phenotypic and physiological characteristics. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1057-1064.	1.3	11
263	Anterior Segment Optical Coherence Tomography Angiography in Patients Following Cultivated Oral Mucosal Epithelial Transplantation. American Journal of Ophthalmology, 2019, 208, 242-250.	1.7	11
264	The generation of fluorometholone nanocrystal eye drops, their metabolization to dihydrofluorometholone and penetration into rabbit eyes. International Journal of Pharmaceutics, 2021, 592, 120067.	2.6	11
265	Topical Doxycycline Can Induce Expression of BDNF in Transduced Retinal Pigment Epithelial Cells Transplanted into the Subretinal Space. , 2008, 49, 3631.		10
266	Biocompatibility and durability of Teflon-coated platinumâ€“iridium wires implanted in the vitreous cavity. Journal of Artificial Organs, 2011, 14, 357-363.	0.4	10
267	Long-term follow-up after vitrectomy to treat idiopathic full-thickness macular holes: visual acuity and macular complications. Clinical Ophthalmology, 2012, 6, 1281.	0.9	10
268	Commercially available rigid gas-permeable contact lens for protecting the cornea from drying during vitrectomy with a wide viewing system. Clinical Ophthalmology, 2012, 6, 1321.	0.9	10
269	Interface fluid syndrome after laser in situ keratomileusis following herpetic keratouveitis. Journal of Cataract and Refractive Surgery, 2013, 39, 1267-1270.	0.7	10
270	MAPK activation in mature cataract associated with Noonan syndrome. BMC Ophthalmology, 2013, 13, 70.	0.6	10

#	Article	IF	Citations
271	Diagnostic Evaluation of Ocular Toxocariasis Using High-Penetration Optical Coherence Tomography. Case Reports in Ophthalmology, 2014, 5, 16-21.	0.3	10
272	Evaluation of corneal epithelial and stromal thickness in keratoconus using spectral-domain optical coherence tomography. Japanese Journal of Ophthalmology, 2014, 58, 389-395.	0.9	10
273	Recurrent pseudohypopyon in association with primary vitreoretinal lymphoma: a case report. BMC Ophthalmology, 2016, 16, 103.	0.6	10
274	Ebselen Preserves Tissue-Engineered Cell Sheets and their Stem Cells in Hypothermic Conditions. Scientific Reports, 2016, 6, 38987.	1.6	10
275	Predictors of postoperative bleeding after vitrectomy for vitreous hemorrhage in patients with diabetic retinopathy. Journal of Diabetes Investigation, 2018, 9, 940-945.	1.1	10
276	STAT3 signaling maintains homeostasis through a barrier function and cell survival in corneal endothelial cells. Experimental Eye Research, 2019, 179, 132-141.	1.2	10
277	Comparison of ocular surface squamous neoplasia and pterygium using anterior segment optical coherence tomography angiography. American Journal of Ophthalmology Case Reports, 2020, 20, 100902.	0.4	10
278	Analysis of Progressive Neovascularization in Diabetic Retinopathy Using Widefield OCT Angiography. Ophthalmology Retina, 2022, 6, 153-160.	1.2	10
279	A Case of Infectious Crystalline Keratopathy Occurring Long After Penetrating Keratoplasty. Cornea, 1998, 17, 119.	0.9	9
280	Fluoroquinolone antibacterial eye drops: effects on normal human corneal epithelium, stroma, and endothelium. Clinical Ophthalmology, 2010, 4, 1181.	0.9	9
281	Development of Genetically Modified Eliminable Human Dermal Fibroblast Feeder Cells for Ocular Surface Regeneration Medicine. , 2013, 54, 7522.		9
282	Unilateral Variant of Late-Onset Lattice Corneal Dystrophy With the Pro501Thr Mutation in the TGFBI Gene Without Deposits in the Unaffected Cornea Using Confocal Microscopy. Cornea, 2013, 32, 1396-1398.	0.9	9
283	Choroidal Excavation in Vogt-Koyanagi-Harada Disease. Case Reports in Ophthalmology, 2014, 5, 222-225.	0.3	9
284	A Novel Method Using Quantum Dots for Testing the Barrier Function of Cultured Epithelial Cell Sheets. , 2015, 56, 2215.		9
285	High-resolution promoter map of human limbal epithelial cells cultured with keratinocyte growth factor and rho kinase inhibitor. Scientific Reports, 2017, 7, 2845.	1.6	9
286	Diagnostic evaluation of optical coherence tomography angiography and fundus autofluorescence in bilateral diffuse uveal melanocytic proliferation. American Journal of Ophthalmology Case Reports, 2018, 11, 32-34.	0.4	9
287	Cell jamming, stratification and p63 expression in cultivated human corneal epithelial cell sheets. Scientific Reports, 2020, 10, 9282.	1.6	9
288	An Angiogenic Role for Adrenomedullin in Choroidal Neovascularization. PLoS ONE, 2013, 8, e58096.	1.1	9

#	Article	IF	Citations
289	PAX6-positive microglia evolve locally in hiPSC-derived ocular organoids. Stem Cell Reports, 2022, 17, 221-230.	2.3	9
290	Gelatinous drop-like corneal dystrophy is not one of the Î²ig-h3â€“mutated corneal amyloidoses. American Journal of Ophthalmology, 1998, 126, 832-833.	1.7	8
291	Histological evaluation of mechanical epithelial separation in epithelial laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2009, 35, 1251-1259.	0.7	8
292	Four discriminant models for detecting keratoconus pattern using Zernike coefficients of corneal aberrations. Japanese Journal of Ophthalmology, 2013, 57, 503-509.	0.9	8
293	Choroidal Nevus in an Eye with Polypoidal Choroidal Vasculopathy. Case Reports in Ophthalmology, 2014, 5, 463-467.	0.3	8
294	Direct photocoagulation to leakage points to treat chronic macular edema associated with branch retinal vein occlusion: a pilot study. Clinical Ophthalmology, 2014, 8, 2055.	0.9	8
295	Efficacy of spherical aberration correction based on contact lens power. Contact Lens and Anterior Eye, 2014, 37, 273-277.	0.8	8
296	Diquafosol Ophthalmic Solution Increases Pre- and Postlens Tear Film During Contact Lens Wear in Rabbit Eyes. Eye and Contact Lens, 2017, 43, 378-382.	0.8	8
297	Chronic Retinal Necrosis Severely Complicated by Neovascular Glaucoma: A Case Report. Case Reports in Ophthalmology, 2018, 8, 489-495.	0.3	8
298	Quantitative evaluation of visual function in patients with cornea verticillata associated with Fabry disease. Acta Ophthalmologica, 2019, 97, e1098-e1104.	0.6	8
299	Rubicon regulates A2E-induced autophagy impairment in the retinal pigment epithelium implicated in the pathology of age-related macular degeneration. Biochemical and Biophysical Research Communications, 2021, 551, 148-154.	1.0	8
300	Poly(N-isopropylacrylamide)-Based Thermoresponsive Behavior of Fluorescent Organic Nanocrystals. Japanese Journal of Applied Physics, 2011, 50, 010202.	0.8	7
301	Profiling of Extracellular Matrix and Cadherin Family Gene Expression in Mouse Feeder Layer Cells: Type VI Collagen Is a Candidate Molecule Inducing the Colony Formation of Epithelial Cells. Tissue Engineering - Part A, 2012, 18, 2539-2548.	1.6	7
302	CTLA4-Ig suppresses development of experimental autoimmune uveitis in the induction and effector phases: Comparison with blockade of interleukin-6. Experimental Eye Research, 2015, 140, 53-64.	1.2	7
303	Restricted Presence of POU6F2 in Human Corneal Endothelial Cells Uncovered by Extension of the Promoter-level Expression Atlas. EBioMedicine, 2017, 25, 175-186.	2.7	7
304	Hemorrhagic hypopyon as presenting feature of intravascular lymphoma, a case report. BMC Ophthalmology, 2017, 17, 195.	0.6	7
305	OCTA, a sensitive screening for asymptomatic retinopathy, raises alarm over systemic involvements in patients with SLE. Annals of the Rheumatic Diseases, 2020, 79, e17-e17.	0.5	7
306	Prognostic factors for successful Baerveldt glaucoma implant surgery for refractory glaucoma after multiple surgeries. Japanese Journal of Ophthalmology, 2021, 65, 820-826.	0.9	7

#	Article	IF	Citations
307	Susceptibility to N-methyl-d-aspartate toxicity in morphological and functional types of cat retinal ganglion cells. Japanese Journal of Ophthalmology, 2010, 54, 156-162.	0.9	6
308	A 27-GAUGE SHARP-TIP SHORT-SHAFT PNEUMATIC VITREOUS CUTTER FOR TRANSCONJUNCTIVAL SUTURELESS VITREOUS BIOPSY. Retina, 2011, 31, 419-421.	1.0	6
309	Molecular genetic analysis of primary open-angle glaucoma, normal tension glaucoma, and developmental glaucoma for the VAV2 and VAV3 gene variants in Japanese subjects. Biochemical and Biophysical Research Communications, 2013, 432, 509-512.	1.0	6
310	Visualization of the meibomian glands by means of noncontact mobile-type meibography (Meibopen) inÂa 16-year-old girl with unilateral marginal staphylococcal keratitis. Journal of AAPOS, 2014, 18, 99-101.	0.2	6
311	Two cases of repeating recurrences and spontaneous closures of macular holes in vitrectomized eyes. Japanese Journal of Ophthalmology, 2018, 62, 467-472.	0.9	6
312	Homeostasis of SLC4A11 protein is mediated by endoplasmic reticulum-associated degradation. Experimental Eye Research, 2019, 188, 107782.	1.2	6
313	Objective Evaluation Of On-Eye Optical Quality Of Daily Disposable Silicone Hydrogel Contact Lens With Internal Wetting Agents . Clinical Ophthalmology, 2019, Volume 13, 2159-2165.	0.9	6
314	Fourier Analysis on Regular and Irregular Astigmatism of Anterior and Posterior Corneal Surfaces in Fuchs Endothelial Corneal Dystrophy. American Journal of Ophthalmology, 2021, 223, 33-41.	1.7	6
315	Severe Ocular Complications Associated With Wearing of Contact Lens in Japan. Eye and Contact Lens, 2022, 48, 63-68.	0.8	6
316	Hypothermia Protects Cultured Human Retinal Pigment Epithelial Cells against Indocyanine Green Toxicity. Journal of Ocular Pharmacology and Therapeutics, 2007, 23, 35-39.	0.6	5
317	Development of a Collagen Hydrogel with High Mechanical Strength by a Simple Orientation Method for Triple-helix. Chemistry Letters, 2008, 37, 1254-1255.	0.7	5
318	Chromosomal sharing in atypical cases of gelatinous drop-like corneal dystrophy. Japanese Journal of Ophthalmology, 2010, 54, 494-498.	0.9	5
319	Difficulty in Inserting 25- and 23-Gauge Trocar Cannula during Vitrectomy. Ophthalmologica, 2011, 226, 198-204.	1.0	5
320	MASSIVE EXUDATIVE RETINAL DETACHMENT AFTER PHOTODYNAMIC THERAPY FOR PERIPHERAL RETINAL CAPILLARY HEMANGIOMA. Retinal Cases and Brief Reports, 2013, 7, 86-88.	0.3	5
321	CHOROIDAL THICKNESS IN EYES WITH TILTED DISK SYNDROME. Retina, 2014, 34, 497-503.	1.0	5
322	Consecutive case series with long-term follow-up of full macular translocation for myopic choroidal neovascularisation. British Journal of Ophthalmology, 2014, 98, 1221-1225.	2.1	5
323	In vivo confocal microscopy of multiple myeloma associated crystalline keratopathy. American Journal of Hematology, 2017, 92, 593-594.	2.0	5
324	Simulation of Panretinal Laser Photocoagulation Using Geometric Methods for Calculating the Photocoagulation Index. European Journal of Ophthalmology, 2017, 27, 205-209.	0.7	5

#	Article	IF	Citations
325	Prominent regression of corneal deposits in Fabry disease 16Âyears after initiation of enzyme replacement therapy. Acta Ophthalmologica, 2018, 96, e255-e256.	0.6	5
326	Activated Protein C for Ischemic Central Retinal Vein Occlusion: One-Year Results. Ophthalmology Retina, 2019, 3, 93-94.	1.2	5
327	Corneal Opacity Induced by Light in a Mouse Model of Gelatinous Drop-Like Corneal Dystrophy. American Journal of Pathology, 2020, 190, 2330-2342.	1.9	5
328	Three-Dimensional Volume Calculation of Intrachoroidal Cavitation Using Deep-Learningâ€“Based Noise Reduction of Optical Coherence Tomography. Translational Vision Science and Technology, 2022, 11, 1.	1.1	5
329	Comparison of different treatment intervals between bevacizumab injection and photodynamic therapy in combined therapy for age-related macular degeneration. Japanese Journal of Ophthalmology, 2012, 56, 470-475.	0.9	4
330	Preparation of 1,4-bis(4-methylstyryl)benzene nanocrystals by a wet process and evaluation of their optical properties. Nanoscale Research Letters, 2014, 9, 16.	3.1	4
331	Intraoperative B-scan ultrasonography and pars plana vitrectomy for severe open globe injury with hemorrhagic retinal and choroidal detachment. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2287-2291.	1.0	4
332	Favorable outcomes of adequate laser photocoagulation and salvage bevacizumab treatment for aggressive posterior retinopathy of prematurity. American Journal of Ophthalmology Case Reports, 2018, 11, 66-71.	0.4	4
333	Time course of swept-source optical coherence tomography angiography findings after photodynamic therapy and aflibercept in eyes with age-related macular degeneration. American Journal of Ophthalmology Case Reports, 2019, 15, 100485.	0.4	4
334	Generation and validation of a PITX2â€“EGFP reporter line of human induced pluripotent stem cells enables isolation of periocular mesenchymal cells. Journal of Biological Chemistry, 2020, 295, 3456-3465.	1.6	4
335	Diagnosis of Choroidal Disease With Deep Learning-Based Image Enhancement and Volumetric Quantification of Optical Coherence Tomography. Translational Vision Science and Technology, 2022, 11, 22.	1.1	4
336	Corneal Endothelial Changes in Schizophrenic Patients With Long-term Administration of Major Tranquilizers. American Journal of Ophthalmology, 1996, 121, 84-88.	1.7	3
337	Electron microscopy of the epithelial flap created by ethanol treatment in the rabbit corneal epithelium. Journal of Cataract and Refractive Surgery, 2003, 29, 1389-1396.	0.7	3
338	Safety threshold of intravitreal activated protein-C. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 833-838.	1.0	3
339	Difference in torsional phacoemulsification oscillation between a balanced tip and a mini tip using an ultra-high-speed video camera. Journal of Cataract and Refractive Surgery, 2016, 42, 1511-1517.	0.7	3
340	Twenty-nine-gauge dual-chandelier retroillumination for the non-open-sky continuous curvilinear capsulorhexis in the penetrating keratoplasty triple procedure. Journal of Cataract and Refractive Surgery, 2017, 43, 305-308.	0.7	3
341	CTLA-2 Alpha Is a Potent Inhibitor of Angiogenesis in Murine Ocular Tissue. Antioxidants, 2021, 10, 456.	2.2	3
342	Questionnaire Survey on Driving among Patients with Age-Related Macular Degeneration in Japan. Journal of Clinical Medicine, 2021, 10, 4845.	1.0	3

#	Article	IF	Citations
343	Rheumatoid arthritis-associated corneal ulceration complicated by bacterial infection. Modern Rheumatology, 2005, 15, 454-458.	0.9	3
344	Case of orbital sebaceous carcinoma developing twenty-seven years after enucleation. Japanese Journal of Ophthalmology, 2008, 52, 344-345.	0.9	2
345	New culture technique of human eliminable feeder-assisted target cell sheet production. Biochemical and Biophysical Research Communications, 2010, 399, 373-378.	1.0	2
346	Remnants of Photoreceptor Outer Segments at the Base of the Macular Hole. Ophthalmology Retina, 2018, 2, 1187.	1.2	2
347	Spontaneous resolution of euthyroid optic neuropathy. Canadian Journal of Ophthalmology, 2019, 54, e188-e192.	0.4	2
348	Testing of Newly Developed Wide-Field Dual-Array Suprachoroidalâ€“Transretinal Stimulation Prosthesis in Dogs. Translational Vision Science and Technology, 2021, 10, 13.	1.1	2
349	Long-term outcomes of intravitreal activated protein C injection for ischemic central retinal vein occlusion: an extension trial. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 2919-2927.	1.0	2
350	Factors influencing the 8-item contact lens dry eye questionnaire score and comparison of translations in Japanese soft contact lens wearers. Contact Lens and Anterior Eye, 2022, 45, 101519.	0.8	2
351	Relationship between vitreoretinal lymphoma and the site of lymphoma development in the central nervous system. Japanese Journal of Ophthalmology, 2022, 66, 142-150.	0.9	2
352	Yasuo Tano. American Journal of Ophthalmology, 2009, 147, 1101.	1.7	1
353	Development of a Collagen Hydrogel with High Mechanical Strength by a Simple Orientation Method for Triple-helix. Chemistry Letters, 2009, 38, 936-936.	0.7	1
354	DISPOSABLE EYELID SPECULUM DESIGNED FOR INTRAVITREAL INJECTION. Retina, 2011, 31, 1972-1973.	1.0	1
355	Comparison of macular pigment in three types of macular telangiectasia. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 689-696.	1.0	1
356	Reperfusion of Areas of Ischemia in Central Retinal Vein Occlusionâ€”Reply. JAMA Ophthalmology, 2015, 133, 228.	1.4	1
357	Air Pressureâ€“Induced Iridocornea Contact in a Patient With Primary Angle Closure Observed With a Dynamic Scheimpflug Analyzer. Journal of Glaucoma, 2015, 24, e137-e138.	0.8	1
358	Outcomes of photorefractive keratectomy instead of phototherapeutic keratectomy for patients with granular corneal dystrophy type 2. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1999-2004.	1.0	1
359	Neglected visual function impairment associated with cornea verticillata due to Fabry disease. Internal Medicine Journal, 2017, 47, 969-971.	0.5	1
360	â€œProgress in Corneal Research and Practice in Japan and Abroad,â€•22nd Annual Meeting of the Kyoto Cornea Club, November 25 and 26, 2016. Cornea, 2017, 36, S1-S2.	0.9	1

#	Article	IF	Citations
361	Atypical indocyanine green angiography findings after indocyanine green-assisted internal limiting membrane peeling. Canadian Journal of Ophthalmology, 2018, 53, e158-e162.	0.4	1
362	Corneal infiltration and xanthoma formation in mycosis fungoides. American Journal of Ophthalmology Case Reports, 2018, 11, 95-97.	0.4	1
363	Transient extremely shallow anterior chamber caused by ciliochoroidal detachment in a patient with Mycobacterium chelonae keratitis. American Journal of Ophthalmology Case Reports, 2019, 15, 100530.	0.4	1
364	Purtscher-like Retinopathy Associated with Systemic Lupus Erythematosus Observed Using Wide-field OCT Angiography. Ophthalmology Retina, 2019, 3, 76.	1.2	1
365	â€œThe Beginning of New Era of Corneal Researchâ€•17th Annual Meeting of the Kyoto Cornea Club December 2â€“3, 2011. Cornea, 2012, 31, S1-S2.	0.9	0
366	Reply : Reliability of corneal topographic analysis with anterior segment optical coherence tomography. Journal of Cataract and Refractive Surgery, 2012, 38, 560-561.	0.7	0
367	Blowout Fracture after Descemet's Stripping Automated Endothelial Keratoplasty. Case Reports in Ophthalmology, 2014, 5, 357-360.	0.3	0
368	â€œAnother Stimulating Meeting on Basic and Clinical Corneal Research,â€•19th Annual Meeting of the Kyoto Cornea Club, November 29â€“30, 2013. Cornea, 2014, 33, S1-S2.	0.9	0
369	Stereoscopic perception of 3-D images by patients after surgery for esotropia. Japanese Journal of Ophthalmology, 2016, 60, 7-13.	0.9	0
370	â€œToward a Bright Future for Corneal Research and Practice in Japan and Abroad,â€•21st Annual Meeting of the Kyoto Cornea Club, November 27 and 28, 2015. Cornea, 2016, 35, S1-S2.	0.9	0
371	Reply. Ophthalmology, 2017, 124, e54.	2.5	0
372	Safety and efficacy of brilliant blue g250 (BBG) for lens capsular staining: a phase III physician-initiated multicenter clinical trial. Japanese Journal of Ophthalmology, 2020, 64, 455-461.	0.9	0
373	Corticosteroid Withdrawal after Complete Resection of Recurrent IgG4-Related Ophthalmic Disease. Neuro-Ophthalmology, 2021, 45, 184-188.	0.4	0
374	Giant Proliferative Membrane Triggering Re-retinal Detachment after Vitrectomy. Ophthalmology Retina, 2021, 5, 655.	1.2	0
375	Novel corneal morphological alterations in Vogt-Koyanagi-Harada disease. Japanese Journal of Ophthalmology, 2022, , 1.	0.9	0