

Makoto Nakamura

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231
papers

5,197
citations

38
h-index

62
g-index

247
ext. papers

5,893
ext. citations

3.5
avg, IF

5.27
L-index

#	Paper	IF	Citations
231	Evaluation of the glaucomatous damage on retinal nerve fiber layer thickness measured by optical coherence tomography. <i>American Journal of Ophthalmology</i> , 2003 , 135, 513-20	4.9	267
230	Insulin rescues retinal neurons from apoptosis by a phosphatidylinositol 3-kinase/Akt-mediated mechanism that reduces the activation of caspase-3. <i>Journal of Biological Chemistry</i> , 2001 , 276, 32814-21	5.4	230
229	Dissociated optic nerve fiber layer appearance after internal limiting membrane peeling for idiopathic macular holes. <i>Ophthalmology</i> , 2005 , 112, 1415-20	7.3	152
228	Diabetes reduces basal retinal insulin receptor signaling: reversal with systemic and local insulin. <i>Diabetes</i> , 2006 , 55, 1148-56	0.9	146
227	Excessive hexosamines block the neuroprotective effect of insulin and induce apoptosis in retinal neurons. <i>Journal of Biological Chemistry</i> , 2001 , 276, 43748-55	5.4	136
226	Evaluation of the effect of aging on retinal nerve fiber layer thickness measured by optical coherence tomography. <i>Ophthalmologica</i> , 2003 , 217, 273-8	3.7	126
225	Agreement of rebound tonometer in measuring intraocular pressure with three types of applanation tonometers. <i>American Journal of Ophthalmology</i> , 2006 , 142, 332-4	4.9	116
224	Optical coherence tomography detects characteristic retinal nerve fiber layer thickness corresponding to band atrophy of the optic discs. <i>Ophthalmology</i> , 2004 , 111, 2278-83	7.3	107
223	Whole genome sequencing in patients with retinitis pigmentosa reveals pathogenic DNA structural changes and NEK2 as a new disease gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16139-44	11.5	104
222	Long-term results of amniotic membrane transplantation-assisted bleb revision for leaking blebs. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2008 , 246, 567-71	3.8	103
221	Elevated C-reactive protein levels in patients with polypoidal choroidal vasculopathy and patients with neovascular age-related macular degeneration. <i>Ophthalmology</i> , 2007 , 114, 1722-7	7.3	95
220	Association of Toll-like receptor 4 gene polymorphisms with normal tension glaucoma 2008 , 49, 4453-7		85
219	Inhibition of nuclear translocation of apoptosis-inducing factor is an essential mechanism of the neuroprotective activity of pigment epithelium-derived factor in a rat model of retinal degeneration. <i>American Journal of Pathology</i> , 2008 , 173, 1326-38	5.8	84
218	Dominant mutations in RP1L1 are responsible for occult macular dystrophy. <i>American Journal of Human Genetics</i> , 2010 , 87, 424-9	11	82
217	Characteristics of bone marrow-derived microglia in the normal and injured retina 2008 , 49, 4162-8		80
216	Diabetes mellitus as a risk factor for glaucomatous optic neuropathy. <i>Ophthalmologica</i> , 2005 , 219, 1-10	3.7	77
215	Diabetes has an additive effect on neural apoptosis in rat retina with chronically elevated intraocular pressure. <i>Current Eye Research</i> , 2004 , 28, 47-54	2.9	76

214	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018 , 27, 1486-1496	5.6	72
213	Ultrastructure of internal limiting membrane removed during plasmin-assisted vitrectomy from eyes with diabetic macular edema. <i>Ophthalmology</i> , 2004 , 111, 231-7	7.3	64
212	Comparison of Pentacam Scheimpflug camera with ultrasound pachymetry and noncontact specular microscopy in measuring central corneal thickness. <i>Current Eye Research</i> , 2007 , 32, 89-94	2.9	60
211	and as susceptibility loci in choroidal thickness and pachychoroid disease central serous chorioretinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6261-6266	11.5	59
210	Comparison of confocal scanning laser ophthalmoscopy, scanning laser polarimetry and optical coherence tomography to discriminate ocular hypertension and glaucoma at an early stage. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2006 , 244, 58-68	3.8	59
209	Reduction of oscillatory potentials and photopic negative response in patients with autosomal dominant optic atrophy with OPA1 mutations. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 820-4		58
208	Long-term glial reactivity in rat retinas ipsilateral and contralateral to experimental glaucoma. <i>Experimental Eye Research</i> , 2005 , 81, 48-56	3.7	56
207	Comparative assessment for the ability of Cirrus, RTVue, and 3D-OCT to diagnose glaucoma 2013 , 54, 4478-84		54
206	Effect of plasmin on laminin and fibronectin during plasmin-assisted vitrectomy. <i>JAMA Ophthalmology</i> , 2005 , 123, 209-13		53
205	Differential roles of hyperglycemia and hypoinsulinemia in diabetes induced retinal cell death: evidence for retinal insulin resistance. <i>PLoS ONE</i> , 2011 , 6, e26498	3.7	53
204	Reduction of inner retinal thickness in patients with autosomal dominant optic atrophy associated with OPA1 mutations. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4079-86		51
203	A novel ROCK inhibitor, Y-39983, promotes regeneration of crushed axons of retinal ganglion cells into the optic nerve of adult cats. <i>Experimental Neurology</i> , 2007 , 205, 230-40	5.7	49
202	Regional relationship between retinal nerve fiber layer thickness and corresponding visual field sensitivity in glaucomatous eyes. <i>JAMA Ophthalmology</i> , 2008 , 126, 1500-6		47
201	New insights into the pathophysiology of diabetic retinopathy: potential cell-specific therapeutic targets. <i>Diabetes Technology and Therapeutics</i> , 2000 , 2, 601-8	8.1	46
200	Intraocular expression and release of high-mobility group box 1 protein in retinal detachment. <i>Laboratory Investigation</i> , 2009 , 89, 278-89	5.9	45
199	Cone and rod dysfunction in fundus albipunctatus with RDH5 mutation: an electrophysiological study. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 1480-5		45
198	Altered expression of aquaporins 1 and 4 coincides with neurodegenerative events in retinas of spontaneously diabetic Torii rats. <i>Experimental Eye Research</i> , 2010 , 90, 17-25	3.7	43
197	Latanoprost rescues retinal neuro-glial cells from apoptosis by inhibiting caspase-3, which is mediated by p44/p42 mitogen-activated protein kinase. <i>Experimental Eye Research</i> , 2006 , 83, 1108-17	3.7	40

196	Macular dystrophy in a 9-year-old boy with fundus albipunctatus. <i>American Journal of Ophthalmology</i> , 2002 , 133, 278-80	4.9	39
195	Oguchi disease with sectoral retinitis pigmentosa harboring adenine deletion at position 1147 in the arrestin gene. <i>American Journal of Ophthalmology</i> , 1998 , 125, 249-51	4.9	39
194	Epidemiologic and Clinical Characteristics of Optic Neuritis in Japan. <i>Ophthalmology</i> , 2019 , 126, 1385-1398		38
193	The ability of macular parameters and circumpapillary retinal nerve fiber layer by three SD-OCT instruments to diagnose highly myopic glaucoma 2013 , 54, 6025-32		38
192	The detection of macular analysis by SD-OCT for optic chiasmal compression neuropathy and nasotemporal overlap 2014 , 55, 4667-72		37
191	Retinal and optic disc atrophy associated with a CACNA1F mutation in a Japanese family. <i>JAMA Ophthalmology</i> , 2003 , 121, 1028-33		37
190	Late-onset form of lattice corneal dystrophy caused by leu527Arg mutation of the TGFBI gene. <i>Cornea</i> , 2001 , 20, 525-9	3.1	37
189	C9-R95X polymorphism in patients with neovascular age-related macular degeneration 2012 , 53, 508-12		36
188	Longitudinal study of retinal nerve fiber layer thickness and ganglion cell complex in traumatic optic neuropathy. <i>JAMA Ophthalmology</i> , 2012 , 130, 1067-9		35
187	cAMP-responsive element binding protein mediates a cGMP/protein kinase G-dependent anti-apoptotic signal induced by nitric oxide in retinal neuro-glial progenitor cells. <i>Experimental Eye Research</i> , 2007 , 84, 152-62	3.7	34
186	Assessment of IcareONE rebound tonometer for self-measuring intraocular pressure. <i>Acta Ophthalmologica</i> , 2014 , 92, 243-8	3.7	33
185	Mature ovarian cystic teratoma with a highly differentiated homunculus: a case report. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2004 , 70, 40-6		33
184	The Ability of SD-OCT to Differentiate Early Glaucoma With High Myopia From Highly Myopic Controls and Nonhighly Myopic Controls 2015 , 56, 6573-80		31
183	Reduced expression of aquaporin-9 in rat optic nerve head and retina following elevated intraocular pressure 2010 , 51, 4618-26		31
182	Akt is activated via insulin/IGF-1 receptor in rat retina with episcleral vein cauterization. <i>Brain Research</i> , 2004 , 1022, 195-204	3.7	30
181	RDH5 gene mutations and electroretinogram in fundus albipunctatus with or without macular dystrophy: RDH5 mutations and ERG in fundus albipunctatus. <i>Documenta Ophthalmologica</i> , 2003 , 107, 3-11	2.2	30
180	Latanoprost protects rat retinal ganglion cells from apoptosis in vitro and in vivo. <i>Experimental Eye Research</i> , 2009 , 88, 535-41	3.7	29
179	Mutations in the pre-mRNA splicing gene, PRPF31, in Japanese families with autosomal dominant retinitis pigmentosa. <i>American Journal of Ophthalmology</i> , 2005 , 140, 537-40	4.9	28

178	The two locus control of Leber hereditary optic neuropathy and a high penetrance in Japanese pedigrees. <i>Human Genetics</i> , 1993 , 91, 339-41	6.3	28
177	Stromal cell-derived factor-1 is essential for photoreceptor cell protection in retinal detachment. <i>American Journal of Pathology</i> , 2010 , 177, 2268-77	5.8	27
176	Triple anterior chamber after full-thickness lamellar keratoplasty for lattice corneal dystrophy. <i>Cornea</i> , 2001 , 20, 530-3	3.1	27
175	Nationwide epidemiological survey of Leber hereditary optic neuropathy in Japan. <i>Journal of Epidemiology</i> , 2017 , 27, 447-450	3.4	26
174	Effect of obesity on echocardiographic parameters in children. <i>International Journal of Cardiology</i> , 1994 , 46, 7-13	3.2	26
173	Effects of Axial Length and Age on Circumpapillary Retinal Nerve Fiber Layer and Inner Macular Parameters Measured by 3 Types of SD-OCT Instruments. <i>Journal of Glaucoma</i> , 2016 , 25, 383-9	2.1	26
172	Spectral-domain optical coherence tomography detects optic atrophy due to optic tract syndrome. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2013 , 251, 591-5	3.8	25
171	Particle-induced endophthalmitis: possible mechanisms of sterile endophthalmitis after intravitreal triamcinolone 2013 , 54, 1758-66		25
170	Multifocal electroretinograms in X-linked retinoschisis. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 4920-30		25
169	Novel mutations in the arrestin gene and associated clinical features in Japanese patients with Oguchi's disease. <i>Ophthalmology</i> , 2004 , 111, 1410-4	7.3	25
168	Enhanced S-cone syndrome with subfoveal neovascularization. <i>American Journal of Ophthalmology</i> , 2002 , 133, 575-7	4.9	25
167	Toxic effects of extracellular histones and their neutralization by vitreous in retinal detachment. <i>Laboratory Investigation</i> , 2014 , 94, 569-85	5.9	24
166	Tafluprost protects rat retinal ganglion cells from apoptosis in vitro and in vivo. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2009 , 247, 1353-60	3.8	24
165	Novel mutation in RLBP1 gene in a Japanese patient with retinitis punctata albescens. <i>American Journal of Ophthalmology</i> , 2005 , 139, 1133-5	4.9	24
164	Unoprostone isopropyl rescues retinal progenitor cells from apoptosis in vitro. <i>Current Eye Research</i> , 2004 , 29, 457-64	2.9	24
163	Surface ultrastructure of collagen fibrils and their association with proteoglycans in human cornea and sclera by atomic force microscopy and energy-filtering transmission electron microscopy. <i>Cornea</i> , 2001 , 20, 651-6	3.1	24
162	Visual function following congenital cataract surgery. <i>Japanese Journal of Ophthalmology</i> , 1998 , 42, 411-66		23
161	Zoster sine herpete with bilateral ocular involvement. <i>American Journal of Ophthalmology</i> , 2000 , 129, 809-10	4.9	23

160	Agreement among three types of spectral-domain optical coherent tomography instruments in measuring parapapillary retinal nerve fibre layer thickness. <i>British Journal of Ophthalmology</i> , 2012 , 96, 832-7	5.5	22
159	Novel mutations in the OPA1 gene and associated clinical features in Japanese patients with optic atrophy. <i>Ophthalmology</i> , 2006 , 113, 483-488.e1	7.3	21
158	Loss of aquaporin 9 expression adversely affects the survival of retinal ganglion cells. <i>American Journal of Pathology</i> , 2013 , 182, 1727-39	5.8	20
157	Structure-function relationship among three types of spectral-domain optical coherent tomography instruments in measuring parapapillary retinal nerve fibre layer thickness. <i>Acta Ophthalmologica</i> , 2013 , 91, e196-202	3.7	20
156	Using redox-sensitive mitochondrial cytochrome Raman bands for label-free detection of mitochondrial dysfunction. <i>Analyst, The</i> , 2019 , 144, 2531-2540	5	20
155	Identification of photoreceptor precursors in the pars plana during ocular development and after retinal injury. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 422-8		19
154	Novel complex GUCY2D mutation in Japanese family with cone-rod dystrophy. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 1480-5		19
153	Postural changes in intraocular pressure are associated with asymmetrical retinal nerve fiber thinning in treated patients with primary open-angle glaucoma. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2011 , 249, 879-85	3.8	18
152	The role of VEGF and VEGFR2/Flk1 in proliferation of retinal progenitor cells in murine retinal degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4315-20		18
151	Macular dystrophy in a Japanese family with fundus albipunctatus. <i>American Journal of Ophthalmology</i> , 2003 , 135, 917-9	4.9	18
150	Novel de novo mutation in CRX gene in a Japanese patient with leber congenital amaurosis. <i>American Journal of Ophthalmology</i> , 2002 , 134, 465-7	4.9	18
149	Case of chromosome 6p25 terminal deletion associated with Axenfeld-Rieger syndrome and persistent hyperplastic primary vitreous. <i>American Journal of Medical Genetics, Part A</i> , 2006 , 140, 503-8	2.5	17
148	Young monozygotic twin sisters with fundus albipunctatus and cone dystrophy. <i>JAMA Ophthalmology</i> , 2004 , 122, 1203-7		17
147	Morphologic and angiographic assessment of the macula after macular translocation surgery with 360 degrees retinotomy. <i>Ophthalmology</i> , 2003 , 110, 2403-8	7.3	17
146	Retinal nerve fiber layer thickness in optic tract syndrome. <i>Japanese Journal of Ophthalmology</i> , 2005 , 49, 294-6	2.6	17
145	Short-term effect of additional apheresis on visual acuity changes in patients with steroid-resistant optic neuritis in neuromyelitis optica spectrum disorders. <i>Japanese Journal of Ophthalmology</i> , 2018 , 62, 525-530	2.6	17
144	Change in full-field ERGs after macular translocation surgery with 360 degrees retinotomy. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 452-7		16
143	Evaluation of cerebral circulation and oxygen metabolism in infants using near-infrared light. <i>Brain and Development</i> , 2014 , 36, 277-83	2.2	15

142	Generation of three-dimensional retinal organoids expressing rhodopsin and S- and M-cone opsins from mouse stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 2595-2601	3.4	14
141	Comparison of 25- and 27-Gauge Pars Plana Vitrectomy in Repairing Primary Rhegmatogenous Retinal Detachment. <i>Journal of Ophthalmology</i> , 2018 , 2018, 7643174	2	14
140	Optic Neuritis Possibly Induced by Anti-PD-L1 Antibody Treatment in a Patient with Non-Small Cell Lung Carcinoma. <i>Case Reports in Ophthalmology</i> , 2018 , 9, 348-356	0.7	14
139	One-year outcome of combination therapy with intravitreal aflibercept and verteporfin photodynamic therapy for polypoidal choroidal vasculopathy. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 541-548	3.8	14
138	Effectiveness and relevant factors of 2% rebamipide ophthalmic suspension treatment in dry eye. <i>BMC Ophthalmology</i> , 2015 , 15, 58	2.3	14
137	Goniosynechialysis with lens aspiration and posterior chamber intraocular lens implantation for glaucoma in spherophakia. <i>Journal of Cataract and Refractive Surgery</i> , 2004 , 30, 513-6	2.3	14
136	Surface topology of collagen fibrils associated with proteoglycans in mouse cornea and sclera. <i>Japanese Journal of Ophthalmology</i> , 2000 , 44, 591-5	2.6	14
135	Elevated C-reactive protein levels and ARMS2/HTRA1 gene variants in subjects without age-related macular degeneration. <i>Molecular Vision</i> , 2010 , 16, 2923-30	2.3	14
134	Impact of postoperative positioning on the outcome of pars plana vitrectomy with gas tamponade for primary rhegmatogenous retinal detachment: comparison between supine and prone positioning. <i>Acta Ophthalmologica</i> , 2018 , 96, e189-e194	3.7	13
133	Diabetes induces expression of aquaporin-0 in the retinal nerve fibers of spontaneously diabetic Torii rats. <i>Experimental Eye Research</i> , 2011 , 92, 195-201	3.7	13
132	Novel RDH5 mutation in family with mother having fundus albipunctatus and three children with retinitis pigmentosa. <i>Ophthalmic Genetics</i> , 2008 , 29, 29-32	1.2	13
131	Comparison of the Effectiveness and Prognostic Factors of Intravitreal Ranibizumab between Typical Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy over 24 Months of Follow-Up. <i>Ophthalmologica</i> , 2015 , 234, 33-9	3.7	12
130	Efficacy and safety of ripasudil, a Rho-associated kinase inhibitor, in eyes with uveitic glaucoma. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 809-814	3.8	12
129	The Size of the Foveal Avascular Zone Is Associated with Foveal Thickness and Structure in Premature Children. <i>Journal of Ophthalmology</i> , 2019 , 2019, 8340729	2	12
128	Rat chronic glaucoma model induced by intracameral injection of microbeads suspended in sodium sulfate-sodium hyaluronate. <i>Japanese Journal of Ophthalmology</i> , 2014 , 58, 290-7	2.6	12
127	CHOROIDAL THICKNESS OF CENTRAL SEROUS CHORIORETINOPATHY SECONDARY TO CORTICOSTEROID USE. <i>Retina</i> , 2017 , 37, 1562-1567	3.6	12
126	Quantification of retinal nerve fiber layer thickness reduction associated with a relative afferent pupillary defect in asymmetric glaucoma. <i>British Journal of Ophthalmology</i> , 2007 , 91, 633-7	5.5	12
125	Autosomal dominant cone-rod dystrophy with R838H and R838C mutations in the GUCY2D gene in Japanese patients. <i>Japanese Journal of Ophthalmology</i> , 2004 , 48, 228-35	2.6	12

124	Exponential correction of QT interval to minimize the effect of the heart rate in children. <i>Japanese Circulation Journal</i> , 1993 , 57, 102-8		12
123	The comparison of the surgical outcome of 27-gauge pars plana vitrectomy for primary rhegmatogenous retinal detachment between air and SF6 gas tamponade. <i>Eye</i> , 2020 , 34, 299-306	4.4	12
122	Sera from patients with seropositive neuromyelitis optica spectral disorders caused the degeneration of rodent optic nerve. <i>Experimental Eye Research</i> , 2014 , 119, 61-9	3.7	11
121	Cluster analyses of grid-pattern display in macular parameters using optical coherence tomography for glaucoma diagnosis 2013 , 54, 6401-8		11
120	A preliminary study of reduced expression of aquaporin-9 in the optic nerve of primate and human eyes with glaucoma. <i>Current Eye Research</i> , 2011 , 36, 1064-7	2.9	11
119	Incomplete congenital stationary night blindness associated with symmetrical retinal atrophy. <i>American Journal of Ophthalmology</i> , 2002 , 134, 463-5	4.9	11
118	Glycosaminoglycan and collagen fibrillar interactions in the mouse corneal stroma. <i>Matrix Biology</i> , 1994 , 14, 283-6	11.4	11
117	Aquaporin 9 expression is required for l-lactate to maintain retinal neuronal survival. <i>Neuroscience Letters</i> , 2015 , 589, 185-90	3.3	10
116	Relationship between early changes in cerebral blood volume and electrocortical activity after hypoxic-ischemic insult in newborn piglets. <i>Brain and Development</i> , 2014 , 36, 563-71	2.2	10
115	Multicenter study on the frequency of three primary mutations of mitochondrial DNA in Japanese pedigrees with Leber's hereditary optic neuropathy: comparison with American and British counterparts. <i>Neuro-Ophthalmology</i> , 1999 , 22, 187-193	0.9	10
114	Difference in correspondence between visual field defect and inner macular layer thickness measured using three types of spectral-domain OCT instruments. <i>Japanese Journal of Ophthalmology</i> , 2015 , 59, 55-64	2.6	9
113	Oguchi disease with unusual findings associated with a heterozygous mutation in the SAG gene. <i>JAMA Ophthalmology</i> , 2011 , 129, 1375-6		9
112	Optimal conditions for multifocal VEP recording for normal Japanese population established by receiver operating characteristic analysis. <i>Documenta Ophthalmologica</i> , 2011 , 122, 29-37	2.2	9
111	Receiver-operating characteristic analysis of multifocal VEPs to diagnose and quantify glaucomatous functional damage. <i>Documenta Ophthalmologica</i> , 2011 , 123, 93-108	2.2	9
110	Retardation of photoreceptor degeneration in the detached retina of rd1 mouse. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 781-7		9
109	DNA interstrand crosslinking agents and human ocular fibroblasts: differential sensitivity to mitomycin-C and cis-diaminedichloroplatinum(II). <i>Experimental Eye Research</i> , 1994 , 59, 53-62	3.7	9
108	Screening for QT prolongation using a new exponential formula. <i>Japanese Circulation Journal</i> , 1995 , 59, 185-9		9
107	Analysis of microsatellite polymorphisms within the GLC1F locus in Japanese patients with normal tension glaucoma. <i>Molecular Vision</i> , 2010 , 16, 462-6	2.3	9

106	Comparison of the 12-Month Outcomes of Intravitreal Ranibizumab between Two Angiographic Subtypes of Polypoidal Choroidal Vasculopathy. <i>Ophthalmologica</i> , 2017 , 237, 123-127	3.7	8
105	Impaired Retinal Circulation during Axitinib Treatment for Metastatic Renal Cell Carcinoma. <i>Case Reports in Ophthalmology</i> , 2019 , 10, 5-10	0.7	8
104	Filtering bleb structure associated with long-term intraocular pressure control after amniotic membrane-assisted trabeculectomy. <i>Current Eye Research</i> , 2012 , 37, 239-50	2.9	8
103	Quantification of retinal nerve fiber layer thickness reduction associated with a relative afferent pupillary defect. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2006 , 244, 1480-4	3.8	8
102	Insulin sensitivity and calcium homeostasis in young, lean, normotensive male subjects. <i>Hypertension Research</i> , 2000 , 23, 433-40	4.7	8
101	Aqp9 Gene Deletion Enhances Retinal Ganglion Cell (RGC) Death and Dysfunction Induced by Optic Nerve Crush: Evidence that Aquaporin 9 Acts as an Astrocyte-to-Neuron Lactate Shuttle in Concert with Monocarboxylate Transporters To Support RGC Function and Survival. <i>Molecular Neurobiology</i> , 2020 , 57, 1530-1540	6.2	8
100	EFFECTIVENESS OF EN BLOC REMOVAL OF FIBRINOGEN-RICH COMPONENT OF CYSTOID LESION FOR THE TREATMENT OF CYSTOID MACULAR EDEMA. <i>Retina</i> , 2020 , 40, 154-159	3.6	8
99	Ripasudil Hydrochloride Hydrate in the Treatment of Glaucoma: Safety, Efficacy, and Patient Selection. <i>Clinical Ophthalmology</i> , 2020 , 14, 1229-1236	2.5	7
98	En Face Slab Images Visualize Nerve Fibers With Residual Visual Sensitivity in Significantly Thinned Macular Areas of Advanced Glaucomatous Eyes 2019 , 60, 2811-2821		7
97	Efficacy and visual prognostic factors of intravitreal bevacizumab as needed for macular edema secondary to central retinal vein occlusion. <i>Clinical Ophthalmology</i> , 2014 , 8, 2301-5	2.5	7
96	Nipradilol protects rat retinal ganglion cells from apoptosis induced by serum deprivation in vitro and by diabetes in vivo. <i>Current Eye Research</i> , 2008 , 33, 683-92	2.9	7
95	A case of occult macular dystrophy accompanying normal-tension glaucoma. <i>American Journal of Ophthalmology</i> , 2003 , 135, 715-7	4.9	7
94	Unilateral manifestation of Leber's hereditary optic neuropathy after blunt ocular trauma. <i>Japanese Journal of Ophthalmology</i> , 2005 , 49, 65-7	2.6	7
93	Generation of immature retinal neurons from proliferating cells in the pars plana after retinal histogenesis in mice with retinal degeneration. <i>Molecular Vision</i> , 2009 , 15, 187-99	2.3	7
92	Investigation of the association between SLC1A3 gene polymorphisms and normal tension glaucoma. <i>Molecular Vision</i> , 2011 , 17, 792-6	2.3	7
91	The 24-month outcomes of intravitreal aflibercept combined with photodynamic therapy for polypoidal choroidal vasculopathy. <i>Japanese Journal of Ophthalmology</i> , 2019 , 63, 100-108	2.6	7
90	Long-term efficacy and safety of infliximab and cyclosporine combination therapy for refractory uveoretinitis in Behçet's disease. <i>Clinical Ophthalmology</i> , 2019 , 13, 521-527	2.5	6
89	Cerebral blood volume measurement using near-infrared time-resolved spectroscopy and histopathological evaluation after hypoxic-ischemic insult in newborn piglets. <i>International Journal of Developmental Neuroscience</i> , 2015 , 42, 1-9	2.7	6

88	Clinical and Genetic Characteristics of 18 Patients from 13 Japanese Families with CRX-associated retinal disorder: Identification of Genotype-phenotype Association. <i>Scientific Reports</i> , 2020 , 10, 9531	4.9	6
87	A comparison of the 1-year surgical outcomes of trabeculotomy and microhook trabeculotomy using propensity score analysis. <i>BMJ Open Ophthalmology</i> , 2020 , 5, e000446	3.2	6
86	A case of probable Vogt-Koyanagi-Harada disease in a 3-year-old girl. <i>BMC Ophthalmology</i> , 2019 , 19, 179	2.3	6
85	Better performance of RTVue than Cirrus spectral-domain optical coherence tomography in detecting band atrophy of the optic nerve. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2012 , 250, 1499-507	3.8	6
84	Comparison of mean deviation with AGIS and CIGTS scores in association with structural parameters in glaucomatous eyes. <i>Journal of Glaucoma</i> , 2009 , 18, 379-84	2.1	6
83	Association of optic disc configuration and clustered visual field sensitivity in glaucomatous eyes with hemifield visual field defects. <i>Journal of Glaucoma</i> , 2009 , 18, 62-8	2.1	6
82	Negative electroretinograms in pericentral pigmentary retinal degeneration. <i>Clinical and Experimental Ophthalmology</i> , 2006 , 34, 89-92	2.4	6
81	Blue-on-yellow perimetry using an Armaly glaucoma screening program. <i>Ophthalmologica</i> , 1999 , 213, 71-5	3.7	6
80	Correction of the QT interval in children. <i>Japanese Circulation Journal</i> , 1995 , 59, 190-7		6
79	Impact of the anti-aquaporin-4 autoantibody on inner retinal structure, function and structure-function associations in Japanese patients with optic neuritis. <i>PLoS ONE</i> , 2017 , 12, e0171880	3.7	6
78	The Comparison of the Surgical Outcome for the Full-Thickness Macular Hole with/without Lamellar Hole-Associated Epiretinal Proliferation. <i>Journal of Ophthalmology</i> , 2017 , 2017, 9640756	2	5
77	Effect of axial length reduction after trabeculectomy on the development of hypotony maculopathy. <i>Japanese Journal of Ophthalmology</i> , 2014 , 58, 267-75	2.6	5
76	Effects of ocular rotation on parapapillary retinal nerve fiber layer thickness analysis measured with spectral-domain optical coherence tomography. <i>Japanese Journal of Ophthalmology</i> , 2012 , 56, 354-61	2.6	5
75	Marked cup reversal presumably associated with scleral biomechanics in a case of adult glaucoma. <i>JAMA Ophthalmology</i> , 2010 , 128, 139-41		5
74	Safe management of a late-onset bleb leak with a needling technique. <i>Eye</i> , 2000 , 14 Pt 5, 802-4	4.4	5
73	Association of toll-like receptor 2 gene polymorphisms with normal tension glaucoma. <i>Molecular Vision</i> , 2009 , 15, 2905-10	2.3	5
72	An unusual case of congenital cytomegalovirus infection-related retinopathy. <i>BMC Ophthalmology</i> , 2016 , 16, 81	2.3	5
71	Novel OPN1LW/OPN1MW deletion mutations in 2 Japanese families with blue cone monochromacy. <i>Human Genome Variation</i> , 2016 , 3, 16011	1.8	4

70	Effectiveness and safety of sulcus fixation of Baerveldt glaucoma implants in glaucomatous eyes in patients who underwent multiple intraocular surgeries. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 1953-1960	3.8	4
69	Serous macular detachment due to diabetic papillopathy detected using optical coherence tomography. <i>JAMA Ophthalmology</i> , 2009 , 127, 105-7		4
68	Acute retinal necrosis after corticosteroid pulse therapy for unilateral vogt-koyanagi-harada disease. <i>Retinal Cases and Brief Reports</i> , 2010 , 4, 51-4	1.1	4
67	Acquired unilateral night blindness with negative ERG: nine-year follow-up. <i>Retina</i> , 2005 , 25, 519-21	3.6	4
66	Selective reduction of the S-cone component of the electroretinogram in Posner-Schlossman syndrome. <i>Eye</i> , 2001 , 15, 163-7	4.4	4
65	Optic perineuritis not associated with syphilitic infection. <i>Neuro-Ophthalmology</i> , 1999 , 21, 135-145	0.9	4
64	variants may predict the 3-year outcome of photodynamic therapy for wet age-related macular degeneration. <i>Molecular Vision</i> , 2017 , 23, 514-519	2.3	4
63	Prediction of severe retinopathy of prematurity using the weight gain, insulin-like growth factor 1, and neonatal retinopathy of prematurity algorithm in a Japanese population of preterm infants. <i>Japanese Journal of Ophthalmology</i> , 2020 , 64, 223-227	2.6	4
62	Relationship between prolonged neural suppression and cerebral hemodynamic dysfunction during hypothermia in asphyxiated piglets. <i>Brain and Development</i> , 2018 , 40, 649-661	2.2	4
61	Foveal Depression and Related Factors in Patients with a History of Retinopathy of Prematurity. <i>Ophthalmologica</i> , 2018 , 240, 106-110	3.7	4
60	Discordance of Disc-Fovea Raphe Angles Determined by Optical Coherence Tomography and MP-3 Microperimetry in Eyes With a Glaucomatous Hemifield Defect 2019 , 60, 1403-1411		3
59	Evaluation of the distribution pattern of the circumpapillary retinal nerve fibre layer from the nasal hemiretina. <i>British Journal of Ophthalmology</i> , 2015 , 99, 1419-23	5.5	3
58	A Single-Arm, Prospective, Exploratory Study to Preliminarily Test Effectiveness and Safety of Skin Electrical Stimulation for Leber Hereditary Optic Neuropathy. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
57	Notch1 activation enhances proliferation via activation of cdc2 and delays differentiation of myeloid progenitors. <i>Leukemia Research</i> , 2018 , 72, 34-44	2.7	3
56	Association of an age-related maculopathy susceptibility 2 gene variant with the 12-month outcomes of intravitreal aflibercept combined with photodynamic therapy for polypoidal choroidal vasculopathy. <i>Japanese Journal of Ophthalmology</i> , 2019 , 63, 389-395	2.6	3
55	Effect of refractive errors on multifocal VEP responses and standard automated perimetry tests in a single population. <i>Documenta Ophthalmologica</i> , 2014 , 128, 179-89	2.2	3
54	Inner retinal cleavage associated with idiopathic epiretinal membrane. <i>Retinal Cases and Brief Reports</i> , 2010 , 4, 132-4	1.1	3
53	Optic atrophy and negative electroretinogram in a patient associated with a novel OPA1 mutation. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2006 , 244, 274-5	3.8	3

52	A case of sectorial benign flecked retina. <i>Japanese Journal of Ophthalmology</i> , 2004 , 48, 72-4	2.6	3
51	Development of grating acuity in infants with Retinopathy of Prematurity. <i>Acta Ophthalmologica</i> , 1999 , 77, 72-5		3
50	Genotyping HLA-DRB1 and HLA-DQB1 alleles in Japanese patients with normal tension glaucoma. <i>Molecular Vision</i> , 2010 , 16, 1874-9	2.3	3
49	Rescue effects of intravenous immunoglobulin on optic nerve degeneration in a rat model of neuromyelitis optica. <i>Japanese Journal of Ophthalmology</i> , 2016 , 60, 419-23	2.6	3
48	En face slab optical coherence tomography imaging successfully monitors progressive degenerative changes in the innermost layer of the diabetic retina. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	3
47	Intravenous immunoglobulin treatment for steroid-resistant optic neuritis: a multicenter, double-blind, randomized, controlled phase III study. <i>Japanese Journal of Ophthalmology</i> , 2021 , 65, 122-132	2.6	3
46	Comparison of efficacy and early surgery-related complications between one-quadrant and two-quadrant microhook ab interno trabeculotomy: a propensity score matched study. <i>Acta Ophthalmologica</i> , 2021 , 99, 898-903	3.7	3
45	Vasculitis with superior ophthalmic vein thrombosis compatible with neuro-neutrophilic disease. <i>American Journal of Ophthalmology Case Reports</i> , 2018 , 12, 39-44	1.3	3
44	A study protocol for evaluating the efficacy and safety of skin electrical stimulation for Leber hereditary optic neuropathy: a single-arm, open-label, non-randomized prospective exploratory study. <i>Clinical Ophthalmology</i> , 2019 , 13, 897-904	2.5	2
43	Reproducibility in the global indices for multifocal visual evoked potentials and Humphrey visual fields in controls and glaucomatous eyes within a 2-year period. <i>Documenta Ophthalmologica</i> , 2015 , 131, 115-24	2.2	2
42	The choroidal structure changes in a case with hypertensive choroidopathy. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 18, 100710	1.3	2
41	Polypoidal Choroidal Vasculopathy Associated with Optic Disc Coloboma. <i>Case Reports in Ophthalmology</i> , 2018 , 9, 92-95	0.7	2
40	Diagnostic utility of combined retinal ganglion cell count estimates in Japanese glaucoma patients. <i>Japanese Journal of Ophthalmology</i> , 2018 , 62, 31-40	2.6	2
39	SLC1A1 Gene Variants and Normal Tension Glaucoma: An Association Study. <i>Ophthalmic Genetics</i> , 2016 , 37, 194-200	1.2	2
38	A case of bilateral vasculitis associated with pineal germinoma. <i>American Journal of Ophthalmology Case Reports</i> , 2018 , 11, 142-145	1.3	2
37	Excessive scleral shrinkage, rather than choroidal thickening, is a major contributor to the development of hypotony maculopathy after trabeculectomy. <i>PLoS ONE</i> , 2018 , 13, e0191862	3.7	2
36	The expression of syntaphilin is down-regulated in the optic nerve after axonal injury. <i>Experimental Eye Research</i> , 2014 , 129, 38-47	3.7	2
35	Association of microsatellite polymorphisms of the GPDS1 locus with normal tension glaucoma in the Japanese population. <i>Clinical Ophthalmology</i> , 2009 , 3, 307-12	2.5	2

34	Ocular motility in North Carolina autosomal dominant ataxia. <i>Neuro-Ophthalmology</i> , 1996 , 16, 91-5	0.9	2
33	Effect of Retinopathy of Prematurity on Resolution Acuity Development in 1- to 3-Year-Old Children. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2001 , 38, 144-148	0.9	2
32	LONG-TERM EFFECT OF CYSTOTOMY WITH OR WITHOUT THE FIBRINOGEN CLOT REMOVAL FOR REFRACTORY CYSTOID MACULAR EDEMA SECONDARY TO DIABETIC RETINOPATHY. <i>Retina</i> , 2021 , 41, 844-851	3.6	2
31	A case of panuveitis and retinal vasculitis associated with pembrolizumab therapy for metastatic lung cancer. <i>American Journal of Ophthalmology Case Reports</i> , 2021 , 22, 101072	1.3	2
30	Multiple evanescent white dot syndrome following BNT162b2 mRNA COVID-19 vaccination.. <i>American Journal of Ophthalmology Case Reports</i> , 2022 , 26, 101532	1.3	2
29	The Difficulty of Diagnosing Invasive Aspergillosis Initially Manifesting as Optic Neuropathy. <i>Case Reports in Ophthalmology</i> , 2019 , 10, 11-18	0.7	1
28	Efficacy for the Annual Relapse Rate after the Immunosuppressive Therapy in Patients Associated with Anti-AQP4 or Anti-MOG Antibody-Positive Optic Neuritis. <i>Journal of Ophthalmology</i> , 2020 , 2020, 8871146	2	1
27	Band Atrophy and Nerve Fiber Layer Thickness: Author Reply. <i>Ophthalmology</i> , 2005 , 112, 2056-2057	7.3	1
26	Electrophysiological recovery after an ophthalmic artery occlusion during neurosurgery. <i>Retina</i> , 2006 , 26, 112-3	3.6	1
25	Accuracy of Intraocular Lens Power Calculation Formulas in Myopic Eyes with Target Refractions of Emmetropia and Intentional Myopia. <i>Clinical Ophthalmology</i> , 2021 , 15, 4535-4541	2.5	1
24	Dimethyl Fumarate Promotes the Survival of Retinal Ganglion Cells after Optic Nerve Injury, Possibly through the Nrf2/HO-1 Pathway. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	1
23	Visual Results After Very Early Surgical Treatment of Congenital Cataracts.. <i>Japanese Orthoptic Journal</i> , 1997 , 25, 139-143	0	1
22	Predictive factors of metamorphopsia after reduced-fluence photodynamic therapy in patients with central serous chorioretinopathy with good baseline visual acuity. <i>PLoS ONE</i> , 2020 , 15, e0240557	3.7	1
21	Changes in Gene Expression Profiling and Phenotype in Aged Multidrug Resistance Protein 4-Deficient Mouse Retinas. <i>Antioxidants</i> , 2021 , 10,	7.1	1
20	Three-year outcome of sulcus fixation of Baerveldt glaucoma implant surgery. <i>Acta Ophthalmologica</i> , 2021 , 99, e1435-e1441	3.7	1
19	Increased expression of Protein S in eyes with diabetic retinopathy and diabetic macular edema. <i>Scientific Reports</i> , 2021 , 11, 10449	4.9	1
18	A Case of Multi-System Langerhans Cell Histiocytosis with Local Invasion of the Orbital Apex. <i>Case Reports in Ophthalmology</i> , 2019 , 10, 319-326	0.7	1
17	Bilateral corneal denting after surgery under general anesthesia: A case report. <i>American Journal of Ophthalmology Case Reports</i> , 2018 , 10, 290-292	1.3	1

16	Impact of Early Vitrectomy for Dense Vitreous Hemorrhage of Unknown Etiology. <i>Ophthalmologica</i> , 2019 , 242, 234-238	3.7	○
15	Outcomes of Primary 27-Gauge Vitrectomy for 73 Consecutive Cases With Uveitis-Associated Vitreoretinal Disorders. <i>Frontiers in Medicine</i> , 2021 , 8, 755816	4.9	○
14	The contribution of the proximity of the retinal detachment to the fovea for postoperative metamorphopsia after 27-gauge pars plana vitrectomy for the primary rhegmatogenous retinal detachment. <i>PLoS ONE</i> , 2021 , 16, e0258775	3.7	○
13	Comparison between the outcomes of fluorescein angiography-guided and indocyanine green angiography-guided half-time photodynamic therapy for central serous chorioretinopathy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020 , 31, 101955	3.5	○
12	Impact of different manufacturers and gauge sizes on the performance of backflush needle. <i>Scientific Reports</i> , 2020 , 10, 21452	4.9	○
11	Comparison of the Accuracy of Intraoperative Aberrometry in Intraocular Lens Implantation Between Myopic Eyes with Emmetropia and Myopia Targets.. <i>Clinical Ophthalmology</i> , 2022 , 16, 1165-1171 ⁵	7.5	○
10	Angiographic findings before and after the onset of brolocizumab-associated retinal vascular occlusion and intraocular inflammation.. <i>American Journal of Ophthalmology Case Reports</i> , 2022 , 26, 101521 ^{1,3}	13	○
9	Clinical factors contributing to postoperative aqueous flare intensity after 27-gauge pars plana vitrectomy for the primary rhegmatogenous retinal detachment. <i>Japanese Journal of Ophthalmology</i> , 2019 , 63, 317-321	2.6	
8	Induction of Cardiovascular Malformations by Leupeptin in the Rat. <i>Congenital Anomalies (discontinued)</i> , 1991 , 31, 41-45	1.1	
7	The beneficial impact of filtration surgery on antiviral therapy cessation in patients with cytomegalovirus-related secondary glaucoma. <i>BMC Ophthalmology</i> , 2021 , 21, 389	2.3	
6	Protocol to test the efficacy and safety of frequent applications of skin electrical stimulation for Leber hereditary optic neuropathy: a single-arm, open-label, non-randomised prospective study. <i>BMJ Open</i> , 2021 , 11, e048814	3	
5	Prescription of Optical Aids in Kobe University Hospital.. <i>Japanese Orthoptic Journal</i> , 1998 , 26, 269-273		○
4	Activation of Notch1 Signaling Suppresses Granulocytic Differentiation and Maintains a Part of Myeloid Progenitor Cells At the Immature Stage. <i>Blood</i> , 2011 , 118, 2375-2375	2.2	
3	A case of neurosarcoidosis presenting with multiple cranial neuropathies. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 19, 100796	1.3	
2	Cystotomy with or without fibrinogen clot removal for refractory cystoid macular edema secondary to branch retinal vein occlusion. <i>Scientific Reports</i> , 2021 , 11, 8460	4.9	
1	One-year outcomes and predictable factors for microhook trabeculotomy.. <i>International Journal of Ophthalmology</i> , 2022 , 15, 598-603	1.4	