

Makoto Nakamura

List of Publications by Year in descending order

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239
papers

6,564
citations

87723

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102304

66
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247
all docs

247
docs citations

247
times ranked

6320
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the glaucomatous damage on retinal nerve fiber layer thickness measured by optical coherence tomography. <i>American Journal of Ophthalmology</i> , 2003, 135, 513-520.	1.7	308
2	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, 32814-32821.	1.6	279
3	Dissociated Optic Nerve Fiber Layer Appearance after Internal Limiting Membrane Peeling for Idiopathic Macular Holes. <i>Ophthalmology</i> , 2005, 112, 1415-1420.	2.5	189
4	Diabetes Reduces Basal Retinal Insulin Receptor Signaling: Reversal With Systemic and Local Insulin. <i>Diabetes</i> , 2006, 55, 1148-1156.	0.3	164
5	Excessive Hexosamines Block the Neuroprotective Effect of Insulin and Induce Apoptosis in Retinal Neurons. <i>Journal of Biological Chemistry</i> , 2001, 276, 43748-43755.	1.6	162
6	Evaluation of the Effect of Aging on Retinal Nerve Fiber Layer Thickness Measured by Optical Coherence Tomography. <i>Ophthalmologica</i> , 2003, 217, 273-278.	1.0	142
7	Agreement of Rebound Tonometer in Measuring Intraocular Pressure With Three Types of Applanation Tonometers. <i>American Journal of Ophthalmology</i> , 2006, 142, 332-334.	1.7	135
8	Optical coherence tomography detects characteristic retinal nerve fiber layer thickness corresponding to band atrophy of the optic discs. <i>Ophthalmology</i> , 2004, 111, 2278-2283.	2.5	123
9	Whole genome sequencing in patients with retinitis pigmentosa reveals pathogenic DNA structural changes and <i>NEK2</i> as a new disease gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16139-16144.	3.3	115
10	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018, 27, 1486-1496.	1.4	111
11	Elevated C-Reactive Protein Levels in Patients with Polypoidal Choroidal Vasculopathy and Patients with Neovascular Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2007, 114, 1722-1727.	2.5	110
12	Long-term results of amniotic membrane transplantation-assisted bleb revision for leaking blebs. <i>Graefes's Archive for Clinical and Experimental Ophthalmology</i> , 2008, 246, 567-571.	1.0	107
13	Dominant Mutations in <i>RP1L1</i> Are Responsible for Occult Macular Dystrophy. <i>American Journal of Human Genetics</i> , 2010, 87, 424-429.	2.6	105
14	Association of Toll-like Receptor 4 Gene Polymorphisms with Normal Tension Glaucoma. , 2008, 49, 4453.		102
15	Diabetes mellitus as a Risk Factor for Glaucomatous Optic Neuropathy. <i>Ophthalmologica</i> , 2005, 219, 1-10.	1.0	95
16	Characteristics of Bone Marrow-Derived Microglia in the Normal and Injured Retina. , 2008, 49, 4162.		91
17	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.	0.7	90
18	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, 1326-1338.	1.9	89

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19	Epidemiologic and Clinical Characteristics of Optic Neuritis in Japan. <i>Ophthalmology</i> , 2019, 126, 1385-1398.	2.5	86
20	<i>CFH</i> and <i>VIPR2</i> 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.	3.3	85
21	Comparison of confocal scanning laser ophthalmoscopy, scanning laser polarimetry and optical coherence tomography to discriminate ocular hypertension and glaucoma at an early stage. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 58-68.	1.0	81
22	Ultrastructure of internal limiting membrane removed during plasmin-assisted vitrectomy from eyes with diabetic macular edema. <i>Ophthalmology</i> , 2004, 111, 231-237.	2.5	74
23	Long-term glial reactivity in rat retinas ipsilateral and contralateral to experimental glaucoma. <i>Experimental Eye Research</i> , 2005, 81, 48-56.	1.2	71
24	Reduction of Oscillatory Potentials and Photopic Negative Response in Patients with Autosomal Dominant Optic Atrophy with OPA1 Mutations. , 2007, 48, 820.		68
25	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.	0.7	68
26	Effect of Plasmin on Laminin and Fibronectin During Plasmin-Assisted Vitrectomy. <i>JAMA Ophthalmology</i> , 2005, 123, 209.	2.6	64
27	Review Paper: New Insights into the Pathophysiology of Diabetic Retinopathy: Potential Cell-Specific Therapeutic Targets. <i>Diabetes Technology and Therapeutics</i> , 2000, 2, 601-608.	2.4	62
28	Differential Roles of Hyperglycemia and Hypoinsulinemia in Diabetes Induced Retinal Cell Death: Evidence for Retinal Insulin Resistance. <i>PLoS ONE</i> , 2011, 6, e26498.	1.1	62
29	Comparative Assessment for the Ability of Cirrus, RTVue, and 3D-OCT to Diagnose Glaucoma. , 2013, 54, 4478.		60
30	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, 230-240.	2.0	58
31	Reduction of Inner Retinal Thickness in Patients with Autosomal Dominant Optic Atrophy Associated with OPA1 Mutations. , 2007, 48, 4079.		57
32	Intraocular expression and release of high-mobility group box 1 protein in retinal detachment. <i>Laboratory Investigation</i> , 2009, 89, 278-289.	1.7	56
33	Cone and Rod Dysfunction in Fundus Albipunctatus with RDH5 Mutation: An Electrophysiological Study. , 2005, 46, 1480.		53
34	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, 1108-1117.	1.2	53
35	Regional Relationship Between Retinal Nerve Fiber Layer Thickness and Corresponding Visual Field Sensitivity in Glaucomatous Eyes. <i>JAMA Ophthalmology</i> , 2008, 126, 1500.	2.6	53
36	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.	1.2	53

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37	The Ability of Macular Parameters and Circumpapillary Retinal Nerve Fiber Layer by Three SD-OCT Instruments to Diagnose Highly Myopic Glaucoma. , 2013, 54, 6025.		48
38	Retinal and Optic Disc Atrophy Associated With a CACNA1F Mutation in a Japanese Family. JAMA Ophthalmology, 2003, 121, 1028.	2.6	46
39	Oguchi disease with sectoral retinitis pigmentosa harboring adenine deletion at position 1147 in the arrestin gene. American Journal of Ophthalmology, 1998, 125, 249-251.	1.7	45
40	The Detection of Macular Analysis by SD-OCT for Optic Chiasmal Compression Neuropathy and Nasotemporal Overlap. , 2014, 55, 4667.		45
41	C9-R95X Polymorphism in Patients with Neovascular Age-Related Macular Degeneration. , 2012, 53, 508.		44
42	Assessment of IcareONE rebound tonometer for self-measuring intraocular pressure. Acta Ophthalmologica, 2014, 92, 243-248.	0.6	43
43	Macular dystrophy in a 9-year-old boy with fundus albipunctatus. American Journal of Ophthalmology, 2002, 133, 278-280.	1.7	41
44	Late-onset Form of Lattice Corneal Dystrophy Caused by Leu527Arg Mutation of the TGFBI Gene. Cornea, 2001, 20, 525-529.	0.9	40
45	Mature ovarian cystic teratoma with a highly differentiated homunculus: A case report. Birth Defects Research Part A: Clinical and Molecular Teratology, 2004, 70, 40-46.	1.6	40
46	Longitudinal Study of Retinal Nerve Fiber Layer Thickness and Ganglion Cell Complex in Traumatic Optic Neuropathy. JAMA Ophthalmology, 2012, 130, 1067.	2.6	40
47	The Ability of SD-OCT to Differentiate Early Glaucoma With High Myopia From Highly Myopic Controls and Nonhighly Myopic Controls. , 2015, 56, 6573.		40
48	RDH5 gene mutations and electroretinogram in fundus albipunctatus with or without macular dystrophy: RDH5 mutations and ERG in fundus albipunctatus. Documenta Ophthalmologica, 2003, 107, 3-11.	1.0	38
49	Latanoprost protects rat retinal ganglion cells from apoptosis in vitro and in vivo. Experimental Eye Research, 2009, 88, 535-541.	1.2	38
50	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. Experimental Eye Research, 2007, 84, 152-162.	1.2	37
51	Reduced Expression of Aquaporin-9 in Rat Optic Nerve Head and Retina following Elevated Intraocular Pressure. , 2010, 51, 4618.		37
52	The two locus control of Leber hereditary optic neurophathy and a high penetrance in Japanese pedigrees. Human Genetics, 1993, 91, 339-41.	1.8	34
53	Multifocal Electroretinograms in X-Linked Retinoschisis. , 2003, 44, 4920.		34
54	Stromal Cell-Derived Factor-1 Is Essential for Photoreceptor Cell Protection in Retinal Detachment. American Journal of Pathology, 2010, 177, 2268-2277.	1.9	34

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55	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, 383-389.	0.8	34
56	Akt is activated via insulin/IGF-1 receptor in rat retina with episcleral vein cauterization. <i>Brain Research</i> , 2004, 1022, 195-204.	1.1	33
57	Mutations in the Pre-mRNA Splicing Gene, PRPF31, in Japanese Families With Autosomal Dominant Retinitis Pigmentosa. <i>American Journal of Ophthalmology</i> , 2005, 140, 537-540.	1.7	33
58	Particle-Induced Endophthalmitis: Possible Mechanisms of Sterile Endophthalmitis after Intravitreal Triamcinolone. , 2013, 54, 1758.		33
59	Toxic effects of extracellular histones and their neutralization by vitreous in retinal detachment. <i>Laboratory Investigation</i> , 2014, 94, 569-585.	1.7	33
60	Using redox-sensitive mitochondrial cytochrome Raman bands for label-free detection of mitochondrial dysfunction. <i>Analyst</i> , The, 2019, 144, 2531-2540.	1.7	33
61	Triple Anterior Chamber After Full-thickness Lamellar Keratoplasty for Lattice Corneal Dystrophy. <i>Cornea</i> , 2001, 20, 530-533.	0.9	32
62	Novel mutations in the arrestin gene and associated clinical features in Japanese patients with Oguchi's disease. <i>Ophthalmology</i> , 2004, 111, 1410-1414.	2.5	31
63	Nationwide epidemiological survey of Leber hereditary optic neuropathy in Japan. <i>Journal of Epidemiology</i> , 2017, 27, 447-450.	1.1	31
64	Effect of obesity on echocardiographic parameters in children. <i>International Journal of Cardiology</i> , 1994, 46, 7-13.	0.8	30
65	Tafluprost protects rat retinal ganglion cells from apoptosis in vitro and in vivo. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 1353-1360.	1.0	30
66	Enhanced S-cone syndrome with subfoveal neovascularization. <i>American Journal of Ophthalmology</i> , 2002, 133, 575-577.	1.7	29
67	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, 832-837.	2.1	29
68	Visual Function Following Congenital Cataract Surgery. <i>Japanese Journal of Ophthalmology</i> , 1998, 42, 411-416.	0.9	28
69	Novel Mutation in RLBP1 Gene in a Japanese Patient With Retinitis Punctata Albescens. <i>American Journal of Ophthalmology</i> , 2005, 139, 1133-1135.	1.7	28
70	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, 651-656.	0.9	27
71	Spectral-domain optical coherence tomography detects optic atrophy due to optic tract syndrome. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 591-595.	1.0	27
72	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.	1.1	27

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73	Unoprostone isopropyl rescues retinal progenitor cells from apoptosis in vitro. <i>Current Eye Research</i> , 2004, 29, 457-464.	0.7	26
74	Loss of Aquaporin 9 Expression Adversely Affects the Survival of Retinal Ganglion Cells. <i>American Journal of Pathology</i> , 2013, 182, 1727-1739.	1.9	26
75	Zoster sine herpette with bilateral ocular involvement. <i>American Journal of Ophthalmology</i> , 2000, 129, 809-810.	1.7	25
76	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.	0.3	25
77	Postural changes in intraocular pressure are associated with asymmetrical retinal nerve fiber thinning in treated patients with primary open-angle glaucoma. <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 879-885.	1.0	24
78	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.	1.6	24
79	Novel Complex GUCY2D Mutation in Japanese Family with Cone-Rod Dystrophy. <i>Investigative Ophthalmology and Visual Science</i> , 2004, 45, 1480-1485.	3.3	23
80	The Role of VEGF and VEGFR2/Flk1 in Proliferation of Retinal Progenitor Cells in Murine Retinal Degeneration. , 2007, 48, 4315.		23
81	Novel Mutations in the OPA1 Gene and Associated Clinical Features in Japanese Patients with Optic Atrophy. <i>Ophthalmology</i> , 2006, 113, 483-488.e1.	2.5	22
82	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, 140A, 503-508.	0.7	22
83	Evaluation of cerebral circulation and oxygen metabolism in infants using near-infrared light. <i>Brain and Development</i> , 2014, 36, 277-283.	0.6	22
84	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.	0.6	22
85	Macular dystrophy in a Japanese family with fundus albipunctatus. <i>American Journal of Ophthalmology</i> , 2003, 135, 917-919.	1.7	21
86	Retinal Nerve Fiber Layer Thickness in Optic Tract Syndrome. <i>Japanese Journal of Ophthalmology</i> , 2005, 49, 294-296.	0.9	21
87	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, 633-637.	2.1	21
88	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.	0.6	21
89	Effectiveness and relevant factors of 2% rebamipide ophthalmic suspension treatment in dry eye. <i>BMC Ophthalmology</i> , 2015, 15, 58.	0.6	21
90	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.	0.9	21

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91	<p>Ripasudil Hydrochloride Hydrate in the Treatment of Glaucoma: Safety, Efficacy, and Patient Selection</p>. Clinical Ophthalmology, 2020, Volume 14, 1229-1236.	0.9	21
92	Morphologic and angiographic assessment of the macula after macular translocation surgery with 360° retinotomy. Ophthalmology, 2003, 110, 2403-2408.	2.5	20
93	Identification of Photoreceptor Precursors in the Pars Plana during Ocular Development and after Retinal Injury. , 2008, 49, 422.		20
94	Efficacy and safety of ripasudil, a Rho-associated kinase inhibitor, in eyes with uveitic glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 809-814.	1.0	20
95	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. Acta Ophthalmologica, 2018, 96, e189-e194.	0.6	20
96	Novel de novo mutation in CRX gene in a Japanese patient with leber congenital amaurosis. American Journal of Ophthalmology, 2002, 134, 465-467.	1.7	19
97	Generation of three-dimensional retinal organoids expressing rhodopsin and S- and M-cone opsins from mouse stem cells. Biochemical and Biophysical Research Communications, 2018, 495, 2595-2601.	1.0	19
98	Young Monozygotic Twin Sisters With Fundus Albipunctatus and Cone Dystrophy. JAMA Ophthalmology, 2004, 122, 1203.	2.6	18
99	Relationship between early changes in cerebral blood volume and electrocortical activity after hypoxic"ischemic insult in newborn piglets. Brain and Development, 2014, 36, 563-571.	0.6	18
100	Change in full-field ERGs after macular translocation surgery with 360 degrees retinotomy. Investigative Ophthalmology and Visual Science, 2002, 43, 452-7.	3.3	18
101	Exponential correction of QT interval to minimize the effect of the heart rate in children.. Japanese Circulation Journal, 1993, 57, 102-108.	1.0	17
102	Goniosynechialysis with lens aspiration and posterior chamber intraocular lens implantation for glaucoma in spherophakia. Journal of Cataract and Refractive Surgery, 2004, 30, 513-516.	0.7	17
103	Comparison of 25- and 27-Gauge Pars Plana Vitrectomy in Repairing Primary Rhegmatogenous Retinal Detachment. Journal of Ophthalmology, 2018, 2018, 1-5.	0.6	17
104	Autosomal Dominant Cone-Rod Dystrophy with R838H and R838C Mutations in the GUCY2D Gene in Japanese Patients. Japanese Journal of Ophthalmology, 2004, 48, 228-235.	0.9	16
105	Sera from patients with seropositive neuromyelitis optica spectral disorders caused the degeneration of rodent optic nerve. Experimental Eye Research, 2014, 119, 61-69.	1.2	16
106	One-year outcome of combination therapy with intravitreal aflibercept and verteporfin photodynamic therapy for polypoidal choroidal vasculopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 541-548.	1.0	16
107	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. Molecular Neurobiology, 2020, 57, 4530-4548.	1.9	16
108	Elevated C-reactive protein levels and ARMS2/HTRA1 gene variants in subjects without age-related macular degeneration. Molecular Vision, 2010, 16, 2923-30.	1.1	16

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109	CHOROIDAL THICKNESS OF CENTRAL SEROUS CHORIORETINOPATHY SECONDARY TO CORTICOSTEROID USE. <i>Retina</i> , 2017, 37, 1562-1567.	1.0	15
110	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, 1-5.	0.6	15
111	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.	1.1	15
112	The Size of the Foveal Avascular Zone Is Associated with Foveal Thickness and Structure in Premature Children. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-5.	0.6	15
113	Glycosaminoglycan and collagen fibrillar interactions in the mouse corneal stroma. <i>Matrix Biology</i> , 1994, 14, 283-286.	1.5	14
114	Surface Topology of Collagen Fibrils Associated with Proteoglycans in Mouse Cornea and Sclera. <i>Japanese Journal of Ophthalmology</i> , 2000, 44, 591-595.	0.9	14
115	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, 1064-1067.	0.7	14
116	Rat chronic glaucoma model induced by intracameral injection of microbeads suspended in sodium sulfate-sodium hyaluronate. <i>Japanese Journal of Ophthalmology</i> , 2014, 58, 290-297.	0.9	14
117	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, 33-39.	1.0	14
118	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.	0.4	13
119	Incomplete congenital stationary night blindness associated with symmetrical retinal atrophy. <i>American Journal of Ophthalmology</i> , 2002, 134, 463-465.	1.7	13
120	Unilateral Manifestation of Leber's Hereditary Optic Neuropathy After Blunt Ocular Trauma. <i>Japanese Journal of Ophthalmology</i> , 2005, 49, 65-67.	0.9	13
121	Novel <i>RDH5</i> Mutation in Family with Mother Having Fundus Albipunctatus and Three Children with Retinitis Pigmentosa. <i>Ophthalmic Genetics</i> , 2008, 29, 29-32.	0.5	13
122	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.	1.2	13
123	Aquaporin 9 expression is required for l-lactate to maintain retinal neuronal survival. <i>Neuroscience Letters</i> , 2015, 589, 185-190.	1.0	13
124	Impaired Retinal Circulation during Axitinib Treatment for Metastatic Renal Cell Carcinoma. <i>Case Reports in Ophthalmology</i> , 2019, 10, 5-10.	0.3	13
125	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.	1.0	13
126	A comparison of the 1-year surgical outcomes of ab externo trabeculectomy and microhook ab interno trabeculectomy using propensity score analysis. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000446.	0.8	13

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127	Filtering Bleb Structure Associated with Long-Term Intraocular Pressure Control after Amniotic Membrane-Assisted Trabeculectomy. <i>Current Eye Research</i> , 2012, 37, 239-250.	0.7	12
128	Cluster Analyses of Grid-Pattern Display in Macular Parameters Using Optical Coherence Tomography for Glaucoma Diagnosis. , 2013, 54, 6401.		12
129	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.	0.7	12
130	Comparison of the 12-Month Outcomes of Intravitreal Ranibizumab between Two Angiographic Subtypes of Polypoidal Choroidal Vasculopathy. <i>Ophthalmologica</i> , 2017, 237, 123-127.	1.0	12
131	<p>Long-term efficacy and safety of infliximab and cyclosporine combination therapy for refractory uveoretinitis in Behçet's disease</p>. <i>Clinical Ophthalmology</i> , 2019, Volume 13, 521-527.	0.9	12
132	Multiple evanescent white dot syndrome following BNT162b2 mRNA COVID-19 vaccination. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 26, 101532.	0.4	12
133	Screening for QT Prolongation Using a New Exponential Formula.. <i>Japanese Circulation Journal</i> , 1995, 59, 185-189.	1.0	11
134	Quantification of retinal nerve fiber layer thickness reduction associated with a relative afferent pupillary defect. <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 1480-1484.	1.0	11
135	Retardation of Photoreceptor Degeneration in the Detached Retina of <i>rd1</i> Mouse. , 2008, 49, 781.		11
136	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.	0.9	11
137	Blue-on-Yellow Perimetry Using an Armaly Glaucoma Screening Program. <i>Ophthalmologica</i> , 1999, 213, 71-75.	1.0	10
138	Oguchi Disease With Unusual Findings Associated With a Heterozygous Mutation in the <i>SAG</i> Gene. <i>JAMA Ophthalmology</i> , 2011, 129, 1375.	2.6	10
139	Optimal conditions for multifocal VEP recording for normal Japanese population established by receiver operating characteristic analysis. <i>Documenta Ophthalmologica</i> , 2011, 122, 29-37.	1.0	10
140	Relationship between prolonged neural suppression and cerebral hemodynamic dysfunction during hypothermia in asphyxiated piglets. <i>Brain and Development</i> , 2018, 40, 649-661.	0.6	10
141	Insulin Sensitivity and Calcium Homeostasis in Young, Lean, Normotensive Male Subjects.. <i>Hypertension Research</i> , 2000, 23, 433-440.	1.5	10
142	Analysis of microsatellite polymorphisms within the GLC1F locus in Japanese patients with normal tension glaucoma. <i>Molecular Vision</i> , 2010, 16, 462-6.	1.1	10
143	Association of the prolonged use of anti-glaucoma medications with the surgical failure of <i>ab interno</i> microhook trabeculotomy. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	10
144	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.	1.2	9

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145	Correction of the QT Interval in Children.. Japanese Circulation Journal, 1995, 59, 190-197.	1.0	9
146	A case of occult macular dystrophy accompanying normal-tension glaucoma. American Journal of Ophthalmology, 2003, 135, 715-717.	1.7	9
147	Receiver-operating characteristic analysis of multifocal VEPs to diagnose and quantify glaucomatous functional damage. Documenta Ophthalmologica, 2011, 123, 93-108.	1.0	9
148	Better performance of RTVue than Cirrus spectral-domain optical coherence tomography in detecting band atrophy of the optic nerve. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1499-1507.	1.0	9
149	En Face Slab Images Visualize Nerve Fibers With Residual Visual Sensitivity in Significantly Thinned Macular Areas of Advanced Glaucomatous Eyes. , 2019, 60, 2811.		9
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