

Toru Nakazawa

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

235
papers

5,652
citations

38
h-index

66
g-index

251
ext. papers

6,566
ext. citations

4
avg, IF

5.59
L-index

#	Paper	IF	Citations
235	Interim Results of Post-Marketing Observational Study of Omidenepag Isopropyl for Glaucoma and Ocular Hypertension in Japan.. <i>Advances in Therapy</i> , 2022 , 39, 1359	4.1	0
234	A Plant-Derived Antioxidant Supplement Prevents the Loss of Retinal Ganglion Cells in the Retinas of NMDA-Injured Mice.. <i>Clinical Ophthalmology</i> , 2022 , 16, 823-832	2.5	
233	CHOP deletion and anti-neuroinflammation treatment with hesperidin synergistically attenuate NMDA retinal injury in mice. <i>Experimental Eye Research</i> , 2021 , 213, 108826	3.7	1
232	Hierarchical deep learning models using transfer learning for disease detection and classification based on small number of medical images. <i>Scientific Reports</i> , 2021 , 11, 4250	4.9	10
231	Characterization of laser speckle flowgraphy pulse waveform parameters for the evaluation of the optic nerve head and retinal circulation. <i>Scientific Reports</i> , 2021 , 11, 6847	4.9	3
230	Association between Topographic Features of the Retinal Nerve Fiber Bundle and Good Visual Acuity in Patients with Glaucoma. <i>Current Eye Research</i> , 2021 , 46, 1724-1731	2.9	0
229	Glial cells modulate retinal cell survival in rotenone-induced neural degeneration. <i>Scientific Reports</i> , 2021 , 11, 11159	4.9	0
228	The Effect of Dietary Antioxidant Supplementation in Patients with Glaucoma. <i>Clinical Ophthalmology</i> , 2021 , 15, 2293-2300	2.5	5
227	Comparisons between retinal vessel calibers and various optic disc morphologic parameters with different optic disc appearances: The Glaucoma Stereo Analysis Study. <i>PLoS ONE</i> , 2021 , 16, e0250245	3.7	1
226	Time-Course Changes in Optic Nerve Head Blood Flow and Retinal Nerve Fiber Layer Thickness in Eyes with Open-angle Glaucoma. <i>Ophthalmology</i> , 2021 , 128, 663-671	7.3	4
225	Usefulness of Polarization-sensitive Optical Coherence Tomography-derived Attenuation-coefficient Images to Visualize the Internal Structure of the Filtering Bleb. <i>Current Eye Research</i> , 2021 , 46, 606-609	2.9	2
224	Response to the letter re "CPAP therapy reduces oxidative stress in patients with glaucoma and OSAS and improves the visual field". <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 1081-1082	3.8	
223	A hypomorphic variant in EYS detected by genome-wide association study contributes toward retinitis pigmentosa. <i>Communications Biology</i> , 2021 , 4, 140	6.7	1
222	Comparison of adherence between fixed and unfixed topical combination glaucoma therapies using Japanese healthcare/pharmacy claims database: a retrospective non-interventional cohort study. <i>BMC Ophthalmology</i> , 2021 , 21, 52	2.3	3
221	Adherence and Persistence with First-Line Therapy and Compliance with Glaucoma Guidelines Using Japanese Health Care/Pharmacy Claims Database. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2021 , 37, 35-44	2.6	2
220	Optic neuritis after ocular trauma in anti-aquaporin-4 antibody-positive neuromyelitis optica spectrum disorder. <i>Brain and Behavior</i> , 2021 , 11, e02083	3.4	1
219	Regional differences in genes and variants causing retinitis pigmentosa in Japan. <i>Japanese Journal of Ophthalmology</i> , 2021 , 65, 338-343	2.6	0

218	Risk factors leading to trabeculectomy surgery of glaucoma patient using Japanese nationwide administrative claims data: a retrospective non-interventional cohort study. <i>BMC Ophthalmology</i> , 2021 , 21, 153	2.3	2
217	Polypoidal choroidal vasculopathy in a case of retinitis pigmentosa, successfully treated with intravitreal aflibercept. <i>American Journal of Ophthalmology Case Reports</i> , 2021 , 23, 101123	1.3	
216	Five-year visual outcomes after optic neuritis in anti-MOG antibody-associated disease. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 56, 103222	4	0
215	Ocular and Systemic Factors Affecting Laser Speckle Flowgraphy Measurements in the Optic Nerve Head. <i>Translational Vision Science and Technology</i> , 2021 , 10, 13	3.3	3
214	What is glaucomatous optic neuropathy?. <i>Japanese Journal of Ophthalmology</i> , 2020 , 64, 243-249	2.6	4
213	Vascular resistance of carotid and vertebral arteries is associated with retinal microcirculation measured by laser speckle flowgraphy in patients with type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2020 , 165, 108240	7.4	1
212	Structural Characterization of Glaucoma Patients with Low Ocular Blood Flow. <i>Current Eye Research</i> , 2020 , 45, 1302-1308	2.9	1
211	A pyruvate dehydrogenase kinase inhibitor prevents retinal cell death and improves energy metabolism in rat retinas after ischemia/reperfusion injury. <i>Experimental Eye Research</i> , 2020 , 193, 107993	7.7	9
210	Association of CRX genotypes and retinal phenotypes confounded by variable expressivity and electronegative electroretinogram. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 644-657	2.4	3
209	Serum anti-recoverin antibodies is found in elderly patients with retinitis pigmentosa and cancer. <i>Acta Ophthalmologica</i> , 2020 , 98, e722-e729	3.7	2
208	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice. <i>PLoS Genetics</i> , 2020 , 16, e1008628	6	5
207	The optic nerve head vasoreactive response to systemic hyperoxia and visual field defect progression in open-angle glaucoma, a pilot study. <i>Acta Ophthalmologica</i> , 2020 , 98, e747-e753	3.7	1
206	The association between oxidative stress and corneal hysteresis in patients with glaucoma. <i>Scientific Reports</i> , 2020 , 10, 545	4.9	5
205	Single AAV-mediated mutation replacement genome editing in limited number of photoreceptors restores vision in mice. <i>Nature Communications</i> , 2020 , 11, 482	17.4	17
204	The Sustained Release of Tafluprost with a Drug Delivery System Prevents the Axonal Injury-induced Loss of Retinal Ganglion Cells in Rats. <i>Current Eye Research</i> , 2020 , 45, 1114-1123	2.9	2
203	Radial peripapillary capillary density in superior segmental optic hypoplasia measured with OCT angiography. <i>BMC Ophthalmology</i> , 2020 , 20, 199	2.3	1
202	Carotid artery intima-media thickness, HDL cholesterol levels, and gender associated with poor visual acuity in patients with branch retinal artery occlusion. <i>PLoS ONE</i> , 2020 , 15, e0240977	3.7	0
201	In vivo and in vitro knockout system labelled using fluorescent protein via microhomology-mediated end joining. <i>Life Science Alliance</i> , 2020 , 3,	5.8	3

200	Signs of Oguchi Disease and Pigmentary Degeneration from Early in Life. <i>Ophthalmology</i> , 2020 , 127, 825	7.3	
199	In vivo imaging of the light response in mouse retinal ganglion cells based on a neuronal activity-dependent promoter. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 521, 471-477 ³⁻⁴		0
198	Progression from Classical Oguchi Disease to Retinitis Pigmentosa after 50 Years. <i>Ophthalmology</i> , 2020 , 127, 51	7.3	2
197	CPAP therapy reduces oxidative stress in patients with glaucoma and OSAS and improves the visual field. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 939-941	3.8	6
196	Progression in Open-Angle Glaucoma with Myopic Disc and Blood Flow in the Optic Nerve Head and Peripapillary Chorioretinal Atrophy Zone. <i>Ophthalmology Glaucoma</i> , 2020 , 3, 202-209	2.2	2
195	Glutathione Trisulfide Prevents Lipopolysaccharide-induced Inflammatory Gene Expression in Retinal Pigment Epithelial Cells. <i>Ocular Immunology and Inflammation</i> , 2020 , 1-12	2.8	1
194	Effect of the chemical structure on the drug release from brinzolamide based nano eye-drops. <i>Molecular Crystals and Liquid Crystals</i> , 2020 , 706, 122-128	0.5	2
193	Rapid Administration of High-Dose Intravenous Methylprednisolone Improves Visual Outcomes After Optic Neuritis in Patients With AQP4-IgG-Positive NMOSD. <i>Frontiers in Neurology</i> , 2020 , 11, 932	4.1	10
192	Companion Diagnosis for Retinal Neuroprotective Treatment by Real-Time Imaging of Calpain Activation Using a Novel Fluorescent Probe. <i>Bioconjugate Chemistry</i> , 2020 , 31, 2241-2251	6.3	2
191	One after another retinal involvement in lupus. <i>European Journal of Rheumatology</i> , 2020 ,	1.7	1
190	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice 2020 , 16, e1008628		
189	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice 2020 , 16, e1008628		
188	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice 2020 , 16, e1008628		
187	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice 2020 , 16, e1008628		
186	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice 2020 , 16, e1008628		
185	Metabolic and pathologic profiles of human LSS deficiency recapitulated in mice 2020 , 16, e1008628		
184	Cyclin-Dependent Kinase Inhibitor 2b Mediates Excitotoxicity-Induced Death of Retinal Ganglion Cells 2019 , 60, 4479-4488		3
183	Genetic characteristics of retinitis pigmentosa in 1204 Japanese patients. <i>Journal of Medical Genetics</i> , 2019 , 56, 662-670	5.8	38

182	Sectoral Differences in the Association of Optic Nerve Head Blood Flow and Glaucomatous Visual Field Defect Severity and Progression 2019 , 60, 2650-2658		12
181	Quantitative analysis of the macula with optical coherence tomography angiography in normal Japanese subjects: The Taiwa Study. <i>Scientific Reports</i> , 2019 , 9, 8875	4.9	13
180	Color visual acuity in preperimetric glaucoma and open-angle glaucoma. <i>PLoS ONE</i> , 2019 , 14, e0215290	3.7	1
179	Glaucoma Diagnosis with Machine Learning Based on Optical Coherence Tomography and Color Fundus Images. <i>Journal of Healthcare Engineering</i> , 2019 , 2019, 4061313	3.7	65
178	Macular Dystrophy and Cone-Rod Dystrophy Caused by Mutations in the RP1 Gene: Extending the RP1 Disease Spectrum 2019 , 60, 1192-1203		17
177	The effectiveness of colchicine combined with mitomycin C to prolong bleb function in trabeculectomy in rabbits. <i>PLoS ONE</i> , 2019 , 14, e0213811	3.7	1
176	Macular degeneration as a common cause of visual loss in spinocerebellar ataxia type 1 (SCA1) patients. <i>Ophthalmic Genetics</i> , 2019 , 40, 49-53	1.2	6
175	Diagnostic power of laser speckle flowgraphy-measured optic disc microcirculation for open-angle glaucoma: Analysis of 314 eyes. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 680-683	2.4	5
174	Validation of formula-predicted glaucomatous optic disc appearances: the Glaucoma Stereo Analysis Study. <i>Acta Ophthalmologica</i> , 2019 , 97, e42-e49	3.7	5
173	Historical, Current and Future Approaches to Surgery for Rhegmatogenous Retinal Detachment. <i>Tohoku Journal of Experimental Medicine</i> , 2019 , 248, 159-168	2.4	7
172	A frequent variant in the Japanese population determines quasi-Mendelian inheritance of rare retinal ciliopathy. <i>Nature Communications</i> , 2019 , 10, 2884	17.4	15
171	Phenotypic Features of Oguchi Disease and Retinitis Pigmentosa in Patients with S-Antigen Mutations: A Long-Term Follow-up Study. <i>Ophthalmology</i> , 2019 , 126, 1557-1566	7.3	23
170	Assessing retinal ganglion cell death and neuroprotective agents using real time imaging. <i>Brain Research</i> , 2019 , 1714, 65-72	3.7	6
169	The DNA topoisomerase II inhibitor amsacrine as a novel candidate adjuvant in a model of glaucoma filtration surgery. <i>Scientific Reports</i> , 2019 , 9, 19288	4.9	4
168	The relationship between glutathione levels in leukocytes and ocular clinical parameters in glaucoma. <i>PLoS ONE</i> , 2019 , 14, e0227078	3.7	6
167	Effects of Brimonidine and Timolol on the Progression of Visual Field Defects in Open-angle Glaucoma: A Single-center Randomized Trial. <i>Journal of Glaucoma</i> , 2019 , 28, 575-583	2.1	5
166	Correlation between aqueous flare and residual visual field area in retinitis pigmentosa. <i>British Journal of Ophthalmology</i> , 2019 , 103, 475-480	5.5	6
165	Association between mitochondrial DNA damage and ocular blood flow in patients with glaucoma. <i>British Journal of Ophthalmology</i> , 2019 , 103, 1060-1065	5.5	7

164	Predicting the Integrated Visual Field with Wide-Scan Optical Coherence Tomography in Glaucoma Patients. <i>Current Eye Research</i> , 2018 , 43, 754-761	2.9	1
163	The relationship between increased oxidative stress and visual field defect progression in glaucoma patients with sleep apnoea syndrome. <i>Acta Ophthalmologica</i> , 2018 , 96, e479-e484	3.7	7
162	Ocular microcirculation measurement with laser speckle flowgraphy and optical coherence tomography angiography in glaucoma. <i>Acta Ophthalmologica</i> , 2018 , 96, e485-e492	3.7	21
161	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
160	Chloride imbalance is involved in the pathogenesis of optic neuritis in neuromyelitis optica. <i>Journal of Neuroimmunology</i> , 2018 , 320, 98-100	3.5	6
159	Levels of Anti-Retinal Antibodies in Retinal Detachment and Proliferative Vitreoretinopathy. <i>Current Eye Research</i> , 2018 , 43, 804-809	2.9	1
158	Anterior-Segment Optical Coherence Tomography for Predicting Postoperative Outcomes After Trabeculectomy. <i>Current Eye Research</i> , 2018 , 43, 762-770	2.9	9
157	Characteristic Profiles of Inflammatory Cytokines in the Aqueous Humor of Glaucomatous Eyes. <i>Ocular Immunology and Inflammation</i> , 2018 , 26, 1177-1188	2.8	30
156	Predictors of Recurrence in Vogt-Koyanagi-Harada Disease. <i>Ophthalmology Retina</i> , 2018 , 2, 343-350	3.8	10
155	Retained Plasticity and Substantial Recovery of Rod-Mediated Visual Acuity at the Visual Cortex in Blind Adult Mice with Retinal Dystrophy. <i>Molecular Therapy</i> , 2018 , 26, 2397-2406	11.7	2
154	Ecel1 Knockdown With an AAV2-Mediated CRISPR/Cas9 System Promotes Optic Nerve Damage-Induced RGC Death in the Mouse Retina 2018 , 59, 3943-3951		6
153	Protruded retinal layers within the optic nerve head neuroretinal rim. <i>Acta Ophthalmologica</i> , 2018 , 96, e493-e502	3.7	2
152	Comparison of Machine-Learning Classification Models for Glaucoma Management. <i>Journal of Healthcare Engineering</i> , 2018 , 2018, 6874765	3.7	19
151	The Impact of Intraocular Pressure Elevation on Optic Nerve Head and Choroidal Blood Flow 2018 , 59, 3488-3496		14
150	Quantitative MRI evaluation of glaucomatous changes in the visual pathway. <i>PLoS ONE</i> , 2018 , 13, e0197027	3.7	14
149	Interleukin-6 plays a crucial role in the development of subretinal fibrosis in a mouse model. <i>Immunological Medicine</i> , 2018 , 41, 23-29	3.7	8
148	Metabolomic changes in the mouse retina after optic nerve injury. <i>Scientific Reports</i> , 2018 , 8, 11930	4.9	10
147	Preperimetric Glaucoma Prospective Study (PPGPS): Predicting Visual Field Progression With Basal Optic Nerve Head Blood Flow in Normotensive PPG Eyes. <i>Translational Vision Science and Technology</i> , 2018 , 7, 11	3.3	23

146	Simple retinal imaging system using a MEMS scanning mirror. <i>Optical Engineering</i> , 2018 , 57, 1	1.1	2
145	New field of glaucoma through effective inspection.. <i>Japanese Orthoptic Journal</i> , 2018 , 47, 7-13	0	
144	Factors associated with deep circulation in the peripapillary chorioretinal atrophy zone in normal-tension glaucoma with myopic disc. <i>Acta Ophthalmologica</i> , 2018 , 96, e290-e297	3.7	18
143	Prediction of Surgical Outcome After Trabeculectomy for Neovascular Glaucoma With Anterior-segment Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2018 , 27, 1157-1164	2.1	2
142	Reliable detection of low visual acuity in mice with pattern visually evoked potentials. <i>Scientific Reports</i> , 2018 , 8, 15948	4.9	6
141	Pilot study for three-dimensional assessment of laminar pore structure in patients with glaucoma, as measured with swept source optical coherence tomography. <i>PLoS ONE</i> , 2018 , 13, e0207600	3.7	1
140	Anti-TRPM1 antibodies in patients with retinal degeneration. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 1087-1089	2.4	3
139	Brimonidine Enhances the Electrophysiological Response of Retinal Ganglion Cells through the Trk-MAPK/ERK and PI3K Pathways in Axotomized Eyes. <i>Current Eye Research</i> , 2017 , 42, 125-133	2.9	6
138	Optic nerve head microcirculation in autosomal dominant optic atrophy and normal-tension glaucoma. <i>Acta Ophthalmologica</i> , 2017 , 95, e799-e800	3.7	7
137	The association between skin autofluorescence and mean deviation in patients with open-angle glaucoma. <i>British Journal of Ophthalmology</i> , 2017 , 101, 233-238	5.5	6
136	Metabolomic profiling of reactive persulfides and polysulfides in the aqueous and vitreous humors. <i>Scientific Reports</i> , 2017 , 7, 41984	4.9	26
135	Relationship between laser speckle flowgraphy and optical coherence tomography angiography measurements of ocular microcirculation. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 1633-1642	3.8	17
134	Spatially and Temporally Regulated Gene Therapy Using Promoter in Retinal Ganglion Cell Injury. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017 , 5, 130-141	6.4	17
133	Estimated retinal ganglion cell counts for assessing a wide range of glaucoma stages, from preperimetric to advanced. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 310-313	2.4	3
132	Subclinical retinal atrophy in the unaffected fellow eyes of multiple sclerosis and neuromyelitis optica. <i>Journal of Neuroimmunology</i> , 2017 , 313, 10-15	3.5	20
131	Usefulness of axonal tract-dependent OCT macular sectors for evaluating structural change in normal-tension glaucoma. <i>PLoS ONE</i> , 2017 , 12, e0185649	3.7	3
130	Classification of optic disc shape in glaucoma using machine learning based on quantified ocular parameters. <i>PLoS ONE</i> , 2017 , 12, e0190012	3.7	27
129	Evaluation of retinal nerve fiber layer defect using wide-field en-face swept-source OCT images by applying the inner limiting membrane flattening. <i>PLoS ONE</i> , 2017 , 12, e0185573	3.7	6

128	The Effect of Systemic Hyperoxia on Optic Nerve Head Blood Flow in Primary Open-Angle Glaucoma Patients 2017 , 58, 3181-3188		15
127	Bilberry extract administration prevents retinal ganglion cell death in mice via the regulation of chaperone molecules under conditions of endoplasmic reticulum stress. <i>Clinical Ophthalmology</i> , 2017 , 11, 1825-1834	2.5	8
126	Age- and sex-dependency of the association between systemic antioxidant potential and glaucomatous damage. <i>Scientific Reports</i> , 2017 , 7, 8032	4.9	13
125	The neuroprotective effect of hesperidin in NMDA-induced retinal injury acts by suppressing oxidative stress and excessive calpain activation. <i>Scientific Reports</i> , 2017 , 7, 6885	4.9	34
124	Evaluating retinal vessel diameter with optical coherence tomography in normal-tension glaucoma patients. <i>Japanese Journal of Ophthalmology</i> , 2017 , 61, 378-387	2.6	1
123	The neuroprotective effect of latanoprost acts via klotho-mediated suppression of calpain activation after optic nerve transection. <i>Journal of Neurochemistry</i> , 2017 , 140, 495-508	6	9
122	Comprehensive analysis of vitreous specimens for uveitis classification: a prospective multicentre observational study. <i>BMJ Open</i> , 2017 , 7, e014549	3	8
121	Differentiation of glaucomatous optic discs with different appearances using optic disc topography parameters: The Glaucoma Stereo Analysis Study. <i>PLoS ONE</i> , 2017 , 12, e0169858	3.7	6
120	Longitudinal changes of ocular blood flow using laser speckle flowgraphy during normal pregnancy. <i>PLoS ONE</i> , 2017 , 12, e0173127	3.7	14
119	Genetic analysis of Japanese primary open-angle glaucoma patients and clinical characterization of risk alleles near CDKN2B-AS1, SIX6 and GAST. <i>PLoS ONE</i> , 2017 , 12, e0186678	3.7	18
118	Preperimetric Glaucoma Prospective Observational Study (PPGPS): Design, baseline characteristics, and therapeutic effect of tafluprost in preperimetric glaucoma eye. <i>PLoS ONE</i> , 2017 , 12, e0188692	3.7	7
117	MRI and retinal abnormalities in isolated optic neuritis with myelin oligodendrocyte glycoprotein and aquaporin-4 antibodies: a comparative study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 446-8	5.5	97
116	Transscleral Controlled Delivery of Geranylgeranylacetone Using a Polymeric Device Protects Rat Retina Against Light Injury. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 854, 471-7	3.6	3
115	Estimation of Jones matrix, birefringence and entropy using Cloude-Pottier decomposition in polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2016 , 7, 3551-3573	3.5	23
114	Different etiologies and prognoses of optic neuritis in demyelinating diseases. <i>Journal of Neuroimmunology</i> , 2016 , 299, 152-157	3.5	38
113	Optic Nerve Head Blood Flow, as Measured by Laser Speckle Flowgraphy, Is Significantly Reduced in Preperimetric Glaucoma. <i>Current Eye Research</i> , 2016 , 41, 1447-1453	2.9	73
112	Transcriptome profiling of the rat retina after optic nerve transection. <i>Scientific Reports</i> , 2016 , 6, 28736	4.9	19
111	Structure/function relationship between wide-scan binocular OCT images and the integrated visual field in glaucoma patients. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 526-8	2.4	4

110	Estimation of the Disc Damage Likelihood Scale in primary open-angle glaucoma: the Glaucoma Stereo Analysis Study. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2016 , 254, 523-8	3.8	10
109	The relationship between advanced glycation end products and ocular circulation in type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 1371-7	3.2	15
108	The association between systemic oxidative stress and ocular blood flow in patients with normal-tension glaucoma. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2016 , 254, 333-41	3.8	33
107	Topical ocular dexamethasone decreases intraocular pressure and body weight in rats. <i>Journal of Negative Results in BioMedicine</i> , 2016 , 15, 5		9
106	Age- and Sex-Dependency of Laser Speckle Flowgraphy Measurements of Optic Nerve Vessel Microcirculation. <i>PLoS ONE</i> , 2016 , 11, e0148812	3.7	24
105	Measurement of Electroretinograms and Visually Evoked Potentials in Awake Moving Mice. <i>PLoS ONE</i> , 2016 , 11, e0156927	3.7	21
104	Clinical Factors Associated with Lamina Cribrosa Thickness in Patients with Glaucoma, as Measured with Swept Source Optical Coherence Tomography. <i>PLoS ONE</i> , 2016 , 11, e0153707	3.7	25
103	OCT-Based Quantification and Classification of Optic Disc Structure in Glaucoma Patients. <i>PLoS ONE</i> , 2016 , 11, e0160226	3.7	17
102	Recent Clinical Applications of Laser Speckle Flowgraphy in Eyes with Retinal Disease. <i>Asia-Pacific Journal of Ophthalmology</i> , 2016 , 5, 151-8	3.5	17
101	Quantification of the filtering bleb structure with anterior segment optical coherence tomography. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 446-54	2.4	12
100	The reduction of temporal optic nerve head microcirculation in autosomal dominant optic atrophy. <i>Acta Ophthalmologica</i> , 2016 , 94, e580-e585	3.7	19
99	Ocular Blood Flow and Influencing Factors for Glaucoma. <i>Asia-Pacific Journal of Ophthalmology</i> , 2016 , 5, 38-44	3.5	61
98	Real-time imaging of RGC death with a cell-impermeable nucleic acid dyeing compound after optic nerve crush in a murine model. <i>Experimental Eye Research</i> , 2016 , 146, 179-188	3.7	19
97	Lesion length of optic neuritis impacts visual prognosis in neuromyelitis optica. <i>Journal of Neuroimmunology</i> , 2016 , 293, 28-33	3.5	51
96	Estimated retinal ganglion cells counts are a valuable parameter in normal tension glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 207-9	2.4	1
95	Molecular, anatomical and functional changes in the retinal ganglion cells after optic nerve crush in mice. <i>Documenta Ophthalmologica</i> , 2015 , 130, 149-56	2.2	12
94	Topographical correlation between macular layer thickness and clockwise circumpapillary retinal nerve fiber layer sectors in patients with normal tension glaucoma. <i>Current Eye Research</i> , 2015 , 40, 744-51	2.9	6
93	Characteristic correlations of the structure-function relationship in different glaucomatous disc types. <i>Japanese Journal of Ophthalmology</i> , 2015 , 59, 223-9	2.6	8

92	Fiber-based polarization-sensitive OCT for birefringence imaging of the anterior eye segment. <i>Biomedical Optics Express</i> , 2015 , 6, 369-89	3.5	34
91	Assessment of Short-Term Changes in Optic Nerve Head Hemodynamics in Hyperoxic Conditions with Laser Speckle Flowgraphy. <i>Current Eye Research</i> , 2015 , 40, 1055-62	2.9	8
90	Regional correlation of macular areas and visual acuity in patients with open-angle glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 279-82	2.4	3
89	Association between histological findings and polarization-sensitive optical coherence tomography analysis of a post-trabeculectomy human eye. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 685-8	2.4	8
88	Application of clotrimazole via a novel controlled release device provides potent retinal protection. <i>Journal of Materials Science: Materials in Medicine</i> , 2015 , 26, 230	4.5	4
87	Relationship of skin autofluorescence to severity of retinopathy in type 2 diabetes. <i>Current Eye Research</i> , 2015 , 40, 338-45	2.9	22
86	First case of primary intraocular natural killer t-cell lymphoma. <i>BMC Ophthalmology</i> , 2015 , 15, 169	2.3	16
85	Regional susceptibility of the optic disc to retinal nerve fiber layer thinning in different optic disc types of eyes with normal tension glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 291-3	2.4	4
84	The relationship between laser speckle flowgraphy-measured optic disc microcirculation and postoperative visual recovery in rhegmatogenous retinal detachment. <i>Acta Ophthalmologica</i> , 2015 , 93, e397-9	3.7	9
83	Large vessel area of the optic nerve head, measured with laser speckle flowgraphy, is significantly reduced in eyes with preperimetric glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 841-3	2.4	9
82	Retinal Thickness and the Structure/Function Relationship in the Eyes of Older Adults with Glaucoma. <i>PLoS ONE</i> , 2015 , 10, e0141293	3.7	10
81	Correlation of papillomacular nerve fiber bundle thickness with central visual function in open-angle glaucoma. <i>Journal of Ophthalmology</i> , 2015 , 2015, 460918	2	17
80	Characteristics of patients with primary open angle glaucoma and normal tension glaucoma at a university hospital: a cross-sectional retrospective study. <i>BMC Research Notes</i> , 2015 , 8, 360	2.3	11
79	Relationship of ocular microcirculation, measured by laser speckle flowgraphy, and silent brain infarction in primary aldosteronism. <i>PLoS ONE</i> , 2015 , 10, e0117452	3.7	9
78	3D evaluation of the lamina cribrosa with swept-source optical coherence tomography in normal tension glaucoma. <i>PLoS ONE</i> , 2015 , 10, e0122347	3.7	36
77	Ocular Blood Flow in Myopic Glaucoma 2015 , 97-113		
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