

Ryo Kawasaki

List of Publications by Year in Descending Order

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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.

222
papers

8,180
citations

44
h-index

86
g-index

234
ext. papers

9,857
ext. citations

4.3
avg, IF

5.52
L-index

#	Paper	IF	Citations
222	Diagnosis of Choroidal Disease With Deep Learning-Based Image Enhancement and Volumetric Quantification of Optical Coherence Tomography.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 22	3.3	0
221	Real-world effectiveness of screening programs for age-related macular degeneration: amended Japanese specific health checkups and augmented screening programs with OCT or AI.. <i>Japanese Journal of Ophthalmology</i> , 2022 , 66, 19-32	2.6	0
220	Regulatory-approved deep learning/machine learning-based medical devices in Japan as of 2020: A systematic review 2022 , 1, e0000001		2
219	Effect of surgeon-related factors on outcome of retinal detachment surgery: analyses of data in Japan-retinal detachment registry.. <i>Scientific Reports</i> , 2022 , 12, 4213	4.9	
218	Characteristics of Eyes Developing Retinal Detachment After Anti-vascular Endothelial Growth Factor Therapy for Retinopathy of Prematurity.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 785292	3.4	1
217	Combining Optical Coherence Tomography and Fundus Photography to Improve Glaucoma Screening. <i>Diagnostics</i> , 2022 , 12, 1100	3.8	0
216	Effects of optic nerve head-related parameters on retinal vessel calibers measurement results on fundus photographs.. <i>BMC Ophthalmology</i> , 2022 , 22, 215	2.3	
215	Prediction of Cardiovascular Parameters With Supervised Machine Learning From Singapore "I" Vessel Assessment and OCT-Angiography: A Pilot Study. <i>Translational Vision Science and Technology</i> , 2021 , 10, 20	3.3	3
214	Retinal vascular oxygen saturation in response to a less extensive laser treatment in proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2021 , 99, 783-789	3.7	1
213	SIX MONTHS PRIMARY SUCCESS RATE FOR RETINAL DETACHMENT BETWEEN VITRECTOMY AND SCLERAL BUCKLING. <i>Retina</i> , 2021 , 41, 1164-1173	3.6	4
212	New severity grading system for Fuchs endothelial corneal dystrophy using anterior segment optical coherence tomography. <i>Acta Ophthalmologica</i> , 2021 , 99, e914-e921	3.7	3
211	Flow pattern and perforating vessels in three different phases of myopic choroidal neovascularization seen by swept-source optical coherence tomography angiography. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 2615-2624	3.8	1
210	Inverse Cross-sectional and Longitudinal Relationships between Diabetic Retinopathy and Obstructive Sleep Apnea in Type 2 Diabetes. <i>Ophthalmology Science</i> , 2021 , 1, 100011		0
209	Retinal arteriolar calibre and venular fractal dimension predict progression of proliferative diabetic retinopathy 6 months after panretinal photocoagulation: a prospective, clinical interventional study. <i>BMJ Open Ophthalmology</i> , 2021 , 6, e000661	3.2	0
208	Association of disorganization of retinal inner layers with optical coherence tomography angiography features in branch retinal vein occlusion. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 2897-2903	3.8	1
207	Impact of photoreceptor density in a 3D simulation of panretinal laser photocoagulation. <i>BMC Ophthalmology</i> , 2021 , 21, 200	2.3	0
206	432-P: Sodium Intake and Incidence of Diabetes Retinopathy in Elderly Patients with Type 2 Diabetes: Analysis of Data from the Japanese Elderly Diabetes Intervention Study (J-EDIT). <i>Diabetes</i> , 2021 , 70, 432-P	0.9	

205	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
204	Visual outcomes after surgery for primary rhegmatogenous retinal detachment in era of microincision vitrectomy: Japan-Retinal Detachment Registry Report IV. <i>British Journal of Ophthalmology</i> , 2021 , 105, 227-232	5.5	7
203	Fourier Analysis on Regular and Irregular Astigmatism of Anterior and Posterior Corneal Surfaces in Fuchs Endothelial Corneal Dystrophy. <i>American Journal of Ophthalmology</i> , 2021 , 223, 33-41	4.9	1
202	Identification and Characterization of Patients With Rapid Progression of Diabetic Retinopathy in the Danish National Screening Program. <i>Diabetes Care</i> , 2021 , 44, e1-e3	14.6	1
201	Cohort Profile: The Network (GEN), a Network of Japanese Ophthalmological Epidemiology Studies. <i>Ophthalmic Epidemiology</i> , 2021 , 28, 237-243	1.9	
200	Treatment patterns for retinal diseases in patients newly-treated with anti-VEGF agents: A retrospective analysis of claims data from the Japan Medical Data Center database. <i>Japanese Journal of Ophthalmology</i> , 2021 , 65, 215-226	2.6	2
199	Systematic review of clinical research on regenerative medicine for the cornea. <i>Japanese Journal of Ophthalmology</i> , 2021 , 65, 169-183	2.6	2
198	Efficacy and safety of 5-fluorouracil in infrared monitor guided bleb revision. <i>BMC Ophthalmology</i> , 2021 , 21, 75	2.3	0
197	Sodium Intake and Incidence of Diabetes Complications in Elderly Patients with Type 2 Diabetes-Analysis of Data from the Japanese Elderly Diabetes Intervention Study (J-EDIT). <i>Nutrients</i> , 2021 , 13,	6.7	2
196	Developing a health economic model for Asians with type 2 diabetes based on the Japan Diabetes Complications Study and the Japanese Elderly Diabetes Intervention Trial. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	2
195	Prognostic factors for successful Baerveldt glaucoma implant surgery for refractory glaucoma after multiple surgeries. <i>Japanese Journal of Ophthalmology</i> , 2021 , 65, 820-826	2.6	0
194	. <i>IEEE Access</i> , 2021 , 9, 46810-46820	3.5	3
193	Preoperative factors to select vitrectomy or scleral buckling for retinal detachment in microincision vitrectomy era. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 1871-1880	3.8	8
192	2020 ,		52
191	Prevalence and Pattern of Geographic Atrophy in Asia: The Asian Eye Epidemiology Consortium. <i>Ophthalmology</i> , 2020 , 127, 1371-1381	7.3	13
190	Dietary Saturated Fatty Acid Intake and Early Age-Related Macular Degeneration in a Japanese Population 2020 , 61, 23		6
189	Quantitative Analysis of the Association Between Follow-Up Duration and Severity of Limbal Stem Cell Deficiency or Visual Acuity in Aniridia 2020 , 61, 57		2
188	Relationship between nerve fiber layer defect and the presence of epiretinal membrane in a Japanese population: The JPHC-NEXT Eye Study. <i>Scientific Reports</i> , 2020 , 10, 779	4.9	1

187	Interocular symmetry of the foveal avascular zone area in healthy eyes: a swept-source optical coherence tomography angiography study. <i>Japanese Journal of Ophthalmology</i> , 2020 , 64, 171-179	2.6	2
186	Effects of Lutein Supplementation in Japanese Patients with Unilateral Age-Related Macular Degeneration: The Sakai Lutein Study. <i>Scientific Reports</i> , 2020 , 10, 5958	4.9	2
185	Association between the retinal vascular network and retinal nerve fiber layer in the elderly: The Montrachet study. <i>PLoS ONE</i> , 2020 , 15, e0241055	3.7	3
184	Detection of Glaucoma and Other Vision-Threatening Ocular Diseases in the Population Recruited at Specific Health Checkups in Japan. <i>Clinical Epidemiology</i> , 2020 , 12, 1381-1388	5.9	2
183	Retinal vascular fractal dimension and cerebral blood flow, a pilot study. <i>Acta Ophthalmologica</i> , 2020 , 98, e63-e71	3.7	6
182	Retinal Neovascularization-Simulating Retinal Capillary Reperfusion in Branch Retinal Vein Occlusion, Imaged by Wide-Field Optical Coherence Tomography Angiography. <i>JAMA Ophthalmology</i> , 2020 , 138, 216-218	3.9	2
181	Characterization of the Progression Pattern in Retinopathy of Prematurity Subtypes. <i>Ophthalmology Retina</i> , 2020 , 4, 231-237	3.8	0
180	Japan-Retinal Detachment Registry Report I: preoperative findings in eyes with primary retinal detachment. <i>Japanese Journal of Ophthalmology</i> , 2020 , 64, 1-12	2.6	20
179	Incorporating Optical Coherence Tomography Macula Scans Enhances Cost-effectiveness of Fundus Photography-Based Screening for Diabetic Macular Edema. <i>Diabetes Care</i> , 2020 , 43, 2959-2966	14.6	0
178	Optical coherence tomography angiography measured area of retinal neovascularization is predictive of treatment response and progression of disease in patients with proliferative diabetic retinopathy. <i>International Journal of Retina and Vitreous</i> , 2020 , 6, 49	2.9	2
177	Effect of peripapillary tilt direction and magnitude on central visual field defects in primary open-angle glaucoma with high myopia. <i>Japanese Journal of Ophthalmology</i> , 2020 , 64, 414-422	2.6	1
176	Efficacy of therapeutic soft contact lens in the management of gelatinous drop-like corneal dystrophy. <i>British Journal of Ophthalmology</i> , 2020 , 104, 241-246	5.5	2
175	Quantitative Assessment of the Retina Using OCT and Associations with Cognitive Function. <i>Ophthalmology</i> , 2020 , 127, 107-118	7.3	18
174	Efficacy and Side Effects of Individualized Panretinal Photocoagulation. <i>Ophthalmology Retina</i> , 2020 , 4, 642-644	3.8	3
173	Association between serum uric acid levels and mortality: a nationwide community-based cohort study. <i>Scientific Reports</i> , 2020 , 10, 6066	4.9	19
172	Tachyphylaxis during treatment of exudative age-related macular degeneration with aflibercept. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 2559-2569	3.8	11
171	Retrospective Validation of the Postnatal Growth and Retinopathy of Prematurity (G-ROP) Criteria in a Japanese Cohort. <i>American Journal of Ophthalmology</i> , 2019 , 205, 50-53	4.9	10
170	Peripheral capillary non-perfusion in treatment-naïve proliferative diabetic retinopathy associates with postoperative disease activity 6 months after panretinal photocoagulation. <i>British Journal of Ophthalmology</i> , 2019 , 103, 816-820	5.5	8

169	Dietary Habits, Fatty Acids and Carotenoid Levels Are Associated with Neovascular Age-Related Macular Degeneration in Chinese. <i>Nutrients</i> , 2019 , 11,	6.7	10
168	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
167	Increase in omega-6 and decrease in omega-3 polyunsaturated fatty acid oxidation elevates the risk of exudative AMD development in adults with Chinese diet. <i>Free Radical Biology and Medicine</i> , 2019 , 145, 349-356	7.8	10
166	Deep learning based noise reduction method for automatic 3D segmentation of the anterior of lamina cribrosa in optical coherence tomography volumetric scans. <i>Biomedical Optics Express</i> , 2019 , 10, 5832-5851	3.5	13
165	Innovative Approaches in Delivery of Eye Care: Age-Related Macular Degeneration. <i>Essentials in Ophthalmology</i> , 2019 , 147-162	0.2	
164	Clinical motivation and the needs for RIA in healthcare 2019 , 5-17		
163	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
162	Asia-Pacific Technology and Trend Survey 2016-2017. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019 , 8, 43-54	3.5	3
161	Incidence and causes of visual impairment in Japan: the first nation-wide complete enumeration survey of newly certified visually impaired individuals. <i>Japanese Journal of Ophthalmology</i> , 2019 , 63, 26-33	2.6	41
160	Factors associated with non-proliferative diabetic retinopathy in patients with type 1 and type 2 diabetes: the Japan Diabetes Complication and its Prevention prospective study (JDCP study 4). <i>Diabetology International</i> , 2019 , 10, 3-11	2.3	15
159	Gender-specific association of early age-related macular degeneration with systemic and genetic factors in a Japanese population. <i>Scientific Reports</i> , 2018 , 8, 785	4.9	20
158	Changes in retinal venular oxygen saturation predict activity of proliferative diabetic retinopathy 3 months after panretinal photocoagulation. <i>British Journal of Ophthalmology</i> , 2018 , 102, 383-387	5.5	10
157	Association between the retinal vascular network with Singapore "I" Vessel Assessment (SIVA) software, cardiovascular history and risk factors in the elderly: The Montrachet study, population-based study. <i>PLoS ONE</i> , 2018 , 13, e0194694	3.7	20
156	Factors associated with participation in a diabetic retinopathy screening program in a rural district in Bangladesh. <i>Diabetes Research and Clinical Practice</i> , 2018 , 144, 111-117	7.4	7
155	N-Terminal Pro-B-Type Natriuretic Peptide Is Not a Significant Predictor of Stroke Incidence After 5 Years - The Ohasama Study. <i>Circulation Journal</i> , 2018 , 82, 2055-2062	2.9	6
154	Impact of Vitamin B6 Intake on the Risk of Diabetic Retinopathy: Analysis from Multicenter Prospective Study of Japanese Patients with Type 2 Diabetes. <i>Diabetes</i> , 2018 , 67, 597-P	0.9	
153	Developing a Health Economic Model for Asians with Type 2 Diabetes Based on the Japan Diabetes Complications Study and the Japanese Elderly Diabetes Intervention Trial. <i>Diabetes</i> , 2018 , 67, 2319-PUB ^{0.9}		
152	Temporal changes in retinal vascular parameters associated with successful panretinal photocoagulation in proliferative diabetic retinopathy: A prospective clinical interventional study. <i>Acta Ophthalmologica</i> , 2018 , 96, 405-410	3.7	11

151	Cross-Sectional and Longitudinal Investigation of the Power Vector in Astigmatism: The Yamagata Study (Funagata). <i>Cornea</i> , 2018 , 37, 53-58	3.1	7
150	Gender differences in the impact of anemia on subclinical myocardial damage and cardiovascular mortality in the general population: The Yamagata (Takahata) study. <i>International Journal of Cardiology</i> , 2018 , 252, 207-212	3.2	5
149	The Study of Neurocognitive Outcomes, Radiological and Retinal Effects of Aspirin in Sleep Apnoea- rationale and methodology of the SNORE-ASA study. <i>Contemporary Clinical Trials</i> , 2018 , 64, 101-111	2.3	7
148	Cross-Sectional Imaging Analysis of Epiretinal Membrane Involvement in Unilateral Open-Angle Glaucoma Severity 2018 , 59, 5745-5751		8
147	Lipid-lowering medication is associated with decreased risk of diabetic retinopathy and the need for treatment in patients with type 2 diabetes: A real-world observational analysis of a health claims database. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2351-2360	6.7	28
146	Guidelines on Diabetic Eye Care: The International Council of Ophthalmology Recommendations for Screening, Follow-up, Referral, and Treatment Based on Resource Settings. <i>Ophthalmology</i> , 2018 , 125, 1608-1622	7.3	23 ¹
145	Rationale and Methodology for a Community-Based Study of Diabetic Retinopathy in an Indonesian Population with Type 2 Diabetes Mellitus: The Jogjakarta Eye Diabetic Study in the Community. <i>Ophthalmic Epidemiology</i> , 2017 , 24, 48-56	1.9	4
144	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
143	Retinal vascular caliber associated with cardiac and renal target organ damage in never-treated hypertensive patients. <i>Microcirculation</i> , 2017 , 24, e12344	2.9	8
142	Retinal Vascular Changes and Prospective Risk of Disabling Dementia: the Circulatory Risk in Communities Study (CIRCS). <i>Journal of Atherosclerosis and Thrombosis</i> , 2017 , 24, 687-695	4	8
141	Cataract Surgery and Visual Acuity in Elderly Japanese: Results of Fujiwara-kyo Eye Study. <i>BioResearch Open Access</i> , 2017 , 6, 28-34	2.4	2
140	Severe hypoglycaemia is a major predictor of incident diabetic retinopathy in Japanese patients with type 2 diabetes. <i>Diabetes and Metabolism</i> , 2017 , 43, 424-429	5.4	3
139	Impact of restrictive lung disorder on cardiovascular mortality in a general population: The Yamagata (Takahata) study. <i>International Journal of Cardiology</i> , 2017 , 241, 395-400	3.2	11
138	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
137	Prevalence of Diabetic Retinopathy and Blindness in Indonesian Adults With Type 2 Diabetes. <i>American Journal of Ophthalmology</i> , 2017 , 181, 79-87	4.9	3 ¹
136	A high-fat diet temporarily renders Sod1-deficient mice resistant to an oxidative insult. <i>Journal of Nutritional Biochemistry</i> , 2017 , 40, 44-52	6.3	8
135	Retinal biometrics based on Iterative Closest Point algorithm. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2017 , 2017, 373-376	0.9	3
134	Age-Related Changes in Ocular Aberrations and the Yamagata Study (Funagata). <i>Cornea</i> , 2017 , 36 Suppl 1, S34-S40	3.1	14

133	A New Method of Magnification Correction for Accurately Measuring Retinal Vessel Calibers From Fundus Photographs 2017 , 58, 1858-1864		8
132	Comparisons of retinal vessel diameter and glaucomatous parameters between both eyes of subjects with clinically unilateral pseudoexfoliation syndrome. <i>PLoS ONE</i> , 2017 , 12, e0179663	3.7	5
131	Retinal Vessel Tortuosity and Its Relation to Traditional and Novel Vascular Risk Markers in Persons with Diabetes. <i>Current Eye Research</i> , 2016 , 41, 551-7	2.9	26
130	Impact of Dynamic and Static Load on Bone Around Implants: An Experimental Study in a Rat Model. <i>International Journal of Oral and Maxillofacial Implants</i> , 2016 , 31, e49-56	2.8	4
129	Association of Visual Acuity and Cognitive Impairment in Older Individuals: Fujiwara-kyo Eye Study. <i>BioResearch Open Access</i> , 2016 , 5, 228-34	2.4	16
128	Reply. <i>American Journal of Ophthalmology</i> , 2016 , 168, 287-288	4.9	
127	Trends in the incidences of acute myocardial infarction in coastal and inland areas in Japan: The Yamagata AMI Registry. <i>Journal of Cardiology</i> , 2016 , 68, 117-24	3	8
126	Gene-environment interactions in obesity: implication for future applications in preventive medicine. <i>Journal of Human Genetics</i> , 2016 , 61, 317-22	4.3	16
125	Box-Counting Fractal Dimension Algorithm Variations on Retina Images. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 337-343	0.2	1
124	The Impact of Superoxide Dismutase-1 Genetic Variation on Cardiovascular and All-Cause Mortality in a Prospective Cohort Study: The Yamagata (Takahata) Study. <i>PLoS ONE</i> , 2016 , 11, e0164732	3.7	14
123	Analysis of Macular Drusen and Blood Test Results in 945 Macaca fascicularis. <i>PLoS ONE</i> , 2016 , 11, e0164899	3.7	5
122	Development of Health Parameter Model for Risk Prediction of CVD Using SVM. <i>Computational and Mathematical Methods in Medicine</i> , 2016 , 2016, 3016245	2.8	23
121	Diabetic Macular Edema at the time of Cataract Surgery trial: a prospective, randomized clinical trial of intravitreal bevacizumab versus triamcinolone in patients with diabetic macular oedema at the time of cataract surgery - preliminary 6 month results. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 233-42	2.4	19
120	Short-term changes in choroidal thickness after aflibercept therapy for neovascular age-related macular degeneration. <i>American Journal of Ophthalmology</i> , 2015 , 159, 627-33	4.9	74
119	Reply: To PMID 25555799. <i>American Journal of Ophthalmology</i> , 2015 , 160, 207-8	4.9	
118	Cost-utility analysis of screening for diabetic retinopathy in Japan: a probabilistic Markov modeling study. <i>Ophthalmic Epidemiology</i> , 2015 , 22, 4-12	1.9	17
117	Associations of retinal oximetry in persons with diabetes. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 124-31	2.4	10
116	Survey of Victorian ophthalmologists who use ranibizumab to treat age-related macular degeneration: to identify current practice and modifiable risk factors relevant to post-injection endophthalmitis. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 277-9	2.4	4

115	Slight increase in urinary albumin excretion within the normal range predicts incident hypertension in a community-based Japanese population: the Takahata study. <i>Hypertension Research</i> , 2015 , 38, 56-60	4.7	13
114	Retinal arteriolar narrowing is associated with a 4-year risk of incident metabolic syndrome. <i>Nutrition and Diabetes</i> , 2015 , 5, e165	4.7	5
113	Microvascular Disease After Renal Transplantation. <i>Kidney and Blood Pressure Research</i> , 2015 , 40, 575-83	1	5
112	The Associations of Dietary Intake of Polyunsaturated Fatty Acids With Diabetic Retinopathy in Well-Controlled Diabetes 2015 , 56, 7473-9		29
111	Exposure to Atomic Bomb Radiation and Age-Related Macular Degeneration in Later Life: The Hiroshima-Nagasaki Atomic Bomb Survivor Study 2015 , 56, 5401-6		9
110	Health management in cancer survivors: Findings from a population-based prospective cohort study-the Yamagata Study (Takahata). <i>Cancer Science</i> , 2015 , 106, 1607-15	6.9	6
109	High Prevalence of Hypertension and End-Organ Damage Late After Coarctation Repair in Normal Arches. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 647-53	2.7	25
108	Usefulness of retinal microvascular endothelial dysfunction as a predictor of coronary artery disease. <i>American Journal of Cardiology</i> , 2015 , 115, 609-13	3	31
107	International photographic classification and grading system for myopic maculopathy. <i>American Journal of Ophthalmology</i> , 2015 , 159, 877-83	4.9	351
106	Applying data envelopment analysis to preventive medicine: a novel method for constructing a personalized risk model of obesity. <i>PLoS ONE</i> , 2015 , 10, e0126443	3.7	5
105	Malnutrition and retinal vascular caliber in the elderly: the POLA study 2014 , 55, 4042-9		1
104	Retinal artery and venular caliber grading: a semi-automated evaluation tool. <i>Computers in Biology and Medicine</i> , 2014 , 44, 1-9	7	7
103	Ocular higher-order wavefront aberrations in the Japanese adult population: the Yamagata Study (Funagata). <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 56, 90-7		14
102	Zone specific fractal dimension of retinal images as predictor of stroke incidence. <i>Scientific World Journal</i> , 2014 , 2014, 467462	2.2	13
101	Association of serum lipids with macular thickness and volume in type 2 diabetes without diabetic macular edema 2014 , 55, 1749-53		20
100	Is the association between smoking and the retinal venular diameter reversible following smoking cessation? 2014 , 55, 405-11		19
99	Measurement of macular fractal dimension using a computer-assisted program 2014 , 55, 2237-43		23
98	Early signs of exudative age-related macular degeneration in Asians. <i>Optometry and Vision Science</i> , 2014 , 91, 849-53	2.1	14

97	Retinal vascular caliber and the development of hypertension: a meta-analysis of individual participant data. <i>Journal of Hypertension</i> , 2014 , 32, 207-15	1.9	132
96	Hemoglobin is associated with retinal vascular fractals in type 1 diabetes patients. <i>Ophthalmic Epidemiology</i> , 2014 , 21, 327-32	1.9	5
95	Associations of retinal oximetry in healthy young adults 2014 , 55, 1763-9		15
94	Usefulness of novel laser speckle flowgraphy-derived variables of the large vessel area in the optic nerve head in normal tension glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2014 , 42, 887-9	2.4	7
93	Retinal microvascular structure and function in patients with risk factors of atherosclerosis and coronary artery disease. <i>Atherosclerosis</i> , 2014 , 233, 478-484	3.1	27
92	Retinal vessel caliber is associated with the 10-year incidence of glaucoma: the Blue Mountains Eye Study. <i>Ophthalmology</i> , 2013 , 120, 84-90	7.3	81
91	Retinal venular calibre is increased in patients with autoimmune rheumatic disease: a case-control study. <i>Current Eye Research</i> , 2013 , 38, 685-90	2.9	10
90	An automated method for retinal arteriovenous nicking quantification from color fundus images. <i>IEEE Transactions on Biomedical Engineering</i> , 2013 , 60, 3194-203	5	17
89	Retinal artery-vein caliber grading using color fundus imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2013 , 111, 104-14	6.9	11
88	Retinal vascular caliber is associated with renal function in apparently healthy subjects. <i>Acta Ophthalmologica</i> , 2013 , 91, e283-8	3.7	12
87	Age-related rarefaction in retinal vasculature is not linear. <i>Experimental Eye Research</i> , 2013 , 116, 355-358	3.7	7
86	Diabetic retinopathy and microalbuminuria can predict macroalbuminuria and renal function decline in Japanese type 2 diabetic patients: Japan Diabetes Complications Study. <i>Diabetes Care</i> , 2013 , 36, 2803-9	14.6	35
85	Risk of cardiovascular diseases is increased even with mild diabetic retinopathy: the Japan Diabetes Complications Study. <i>Ophthalmology</i> , 2013 , 120, 574-582	7.3	56
84	Using color histogram as the trait of retina biometric 2013 ,		3
83	Automatic detection of retinal vascular landmark features for colour fundus image matching and patient longitudinal study 2013 ,		4
82	Effect of simvastatin on retinal vascular caliber: the Age-Related Maculopathy Statin Study. <i>Acta Ophthalmologica</i> , 2013 , 91, e418-9	3.7	11
81	A method for visualization of fine retinal vascular pulsation using nonmydriatic fundus camera synchronized with electrocardiogram. <i>ISRN Ophthalmology</i> , 2013 , 2013, 865834		7
80	Fruit intake and incident diabetic retinopathy with type 2 diabetes. <i>Epidemiology</i> , 2013 , 24, 204-11	3.1	50

79	Localized changes in retinal vessel caliber after focal/grid laser treatment in patients with diabetic macular edema: a measure of treatment response?. <i>Retina</i> , 2013 , 33, 2089-95	3.6	13
78	Retinal vascular features associated with risk of branch retinal vein occlusion. <i>Current Eye Research</i> , 2013 , 38, 989-93	2.9	6
77	Reliability and reproducibility of retinal oxygen saturation measurements using a predefined peri-papillary annulus. <i>Acta Ophthalmologica</i> , 2013 , 91, e590-4	3.7	16
76	Automated quantification of retinal arteriovenous nicking from colour fundus images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 5865-8	0.9	6
75	Adaptive colour transformation of retinal images for stroke prediction. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 7384-7	0.9	1
74	Axial length, retinal function, and oxygen consumption: a potential mechanism for a lower risk of diabetic retinopathy in longer eyes 2013 , 54, 7691-8		31
73	Quantitative measurement of hard exudates in patients with diabetes and their associations with serum lipid levels 2013 , 54, 5544-50		40
72	Retinal vascular caliber is associated with cardiovascular biomarkers of oxidative stress and inflammation: the POLA study. <i>PLoS ONE</i> , 2013 , 8, e71089	3.7	39
71	Feasibility of screening for diabetic retinopathy at an Australian pathology collection service: a pilot study. <i>Medical Journal of Australia</i> , 2013 , 198, 97-9	4	8
70	Social and emotional impact of diabetic retinopathy: a review. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 27-38	2.4	70
69	Retinal venular calibre dilatation after intravitreal ranibizumab treatment for neovascular age-related macular degeneration. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 59-66	2.4	8
68	Retinal vessel diameter measurement using multi-step regression method 2012 ,		6
67	Normal distribution of cardiac variation in retinal image measurement 2012 ,		1
66	Correlation and reproducibility of retinal vascular geometric measurements for stereoscopic retinal images of the same eyes. <i>Ophthalmic Epidemiology</i> , 2012 , 19, 322-7	1.9	9
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