

# Ryo Kawasaki

## List of Publications by Year in descending order

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231  
papers

11,425  
citations

50170

46  
h-index

35952

97  
g-index

234  
all docs

234  
docs citations

234  
times ranked

11249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Prevalence and Major Risk Factors of Diabetic Retinopathy. <i>Diabetes Care</i> , 2012, 35, 556-564.	4.3	3,439
2	International Photographic Classification and Grading System for Myopic Maculopathy. <i>American Journal of Ophthalmology</i> , 2015, 159, 877-883.e7.	1.7	549
3	Guidelines on Diabetic Eye Care. <i>Ophthalmology</i> , 2018, 125, 1608-1622.	2.5	437
4	The Prevalence of Age-Related Macular Degeneration in Asians. <i>Ophthalmology</i> , 2010, 117, 921-927.	2.5	369
5	Subfoveal choroidal thickness in typical age-related macular degeneration and polypoidal choroidal vasculopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1123-1128.	1.0	283
6	Prevalence and Risk Factors for Epiretinal Membranes in a Multi-Ethnic United States Population. <i>Ophthalmology</i> , 2011, 118, 694-699.	2.5	180
7	Vascular risk factors in glaucoma: a review. <i>Clinical and Experimental Ophthalmology</i> , 2011, 39, 252-258.	1.3	177
8	IterNet: Retinal Image Segmentation Utilizing Structural Redundancy in Vessel Networks. , 2020, , .		172
9	Retinal vascular caliber and the development of hypertension. <i>Journal of Hypertension</i> , 2014, 32, 207-215.	0.3	171
10	Flicker Light-Induced Retinal Vasodilation in Diabetes and Diabetic Retinopathy. <i>Diabetes Care</i> , 2009, 32, 2075-2080.	4.3	141
11	Early postoperative retinal thickness changes and complications after vitrectomy for diabetic macular edema. <i>American Journal of Ophthalmology</i> , 2003, 135, 14-19.	1.7	135
12	Retinal microvascular abnormalities and subclinical magnetic resonance imaging brain infarct: a prospective study. <i>Brain</i> , 2010, 133, 1987-1993.	3.7	127
13	Prevalence and Risk Factors for Age-Related Macular Degeneration in an Adult Japanese Population. <i>Ophthalmology</i> , 2008, 115, 1376-1381.e2.	2.5	121
14	Serum Apolipoprotein AI and B Are Stronger Biomarkers of Diabetic Retinopathy Than Traditional Lipids. <i>Diabetes Care</i> , 2011, 34, 474-479.	4.3	116
15	Retinal vessel diameters and risk of hypertension: the Multiethnic Study of Atherosclerosis. <i>Journal of Hypertension</i> , 2009, 27, 2386-2393.	0.3	112
16	Retinal Vascular Fractals and Microvascular and Macrovascular Complications in Type 1 Diabetes. <i>Ophthalmology</i> , 2010, 117, 1400-1405.	2.5	111
17	Retinal Vessel Caliber Is Associated with the 10-year Incidence of Glaucoma. <i>Ophthalmology</i> , 2013, 120, 84-90.	2.5	100
18	Social and emotional impact of diabetic retinopathy: a review. <i>Clinical and Experimental Ophthalmology</i> , 2012, 40, 27-38.	1.3	99

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19	Retinal Microvascular Signs and Risk of Stroke. <i>Stroke</i> , 2012, 43, 3245-3251.	1.0	97
20	Short-Term Changes in Choroidal Thickness After Aflibercept Therapy for Neovascular Age-Related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2015, 159, 627-633.e1.	1.7	91
21	Prevalence of Age-Related Macular Degeneration in a Malay Population. <i>Ophthalmology</i> , 2008, 115, 1735-1741.	2.5	90
22	Incidence and progression of diabetic retinopathy in Japanese adults with type 2 diabetes: 8-year follow-up study of the Japan Diabetes Complications Study (JDCS). <i>Diabetologia</i> , 2011, 54, 2288-2294.	2.9	90
23	Fractal dimension of the retinal vasculature and risk of stroke: A nested case-control study. <i>Neurology</i> , 2011, 76, 1766-1767.	1.5	87
24	Cardiovascular Risk Factors and Retinal Microvascular Signs in an Adult Japanese Population: The Funagata Study. <i>Ophthalmology</i> , 2006, 113, 1378-1384.	2.5	81
25	Risk of Cardiovascular Diseases Is Increased Even with Mild Diabetic Retinopathy. <i>Ophthalmology</i> , 2013, 120, 574-582.	2.5	79
26	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.	0.9	79
27	The impact of diabetic retinopathy: understanding the patient's perspective. <i>British Journal of Ophthalmology</i> , 2011, 95, 774-782.	2.1	76
28	Prevalence of and Risk Factors for Age-Related Macular Degeneration in a Multiethnic Asian Cohort. <i>JAMA Ophthalmology</i> , 2012, 130, 480.	2.6	75
29	Age-related rarefaction in the fractal dimension of retinal vessel. <i>Neurobiology of Aging</i> , 2012, 33, 194.e1-194.e4.	1.5	72
30	Fruit Intake and Incident Diabetic Retinopathy with Type 2 Diabetes. <i>Epidemiology</i> , 2013, 24, 204-211.	1.2	71
31	Retinal Microvascular Signs and 10-Year Risk of Cerebral Atrophy. <i>Stroke</i> , 2010, 41, 1826-1828.	1.0	69
32	Racial difference in the prevalence of epiretinal membrane between Caucasians and Asians. <i>British Journal of Ophthalmology</i> , 2008, 92, 1320-1324.	2.1	68
33	Prevalence and associations of epiretinal membranes in an adult Japanese population: the Funagata study. <i>Eye</i> , 2009, 23, 1045-1051.	1.1	68
34	Retinal Arteriolar Narrowing and Subsequent Development of CKD Stage 3: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Journal of Kidney Diseases</i> , 2011, 58, 39-46.	2.1	68
35	Impact of Diabetic Retinopathy on Vision-Specific Function. <i>Ophthalmology</i> , 2010, 117, 757-765.	2.5	66
36	Robust Methodology for Fractal Analysis of the Retinal Vasculature. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 243-250.	5.4	66

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37	The metabolic syndrome and retinal microvascular signs in a Japanese population: the Funagata study. <i>British Journal of Ophthalmology</i> , 2008, 92, 161-166.	2.1	65
38	The Microvasculature in Chronic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 1872-1878.	2.2	65
39	Correlation of Light-Flicker-Induced Retinal Vasodilation and Retinal Vascular Caliber Measurements in Diabetes. , 2009, 50, 5609.		62
40	Retinal Arteriolar Narrowing Predicts 5-Year Risk of Hypertension in Japanese People: The Funagata Study. <i>Microcirculation</i> , 2010, 17, 94-102.	1.0	61
41	Retinal vessel calibre and micro- and macrovascular complications in type 1 diabetes. <i>Diabetologia</i> , 2009, 52, 2213-2217.	2.9	59
42	Hyperopic Refractive Error and Shorter Axial Length Are Associated with Age-Related Macular Degeneration: The Singapore Malay Eye Study. , 2010, 51, 6247.		59
43	Is Diabetic Retinopathy Related to Subclinical Cardiovascular Disease?. <i>Ophthalmology</i> , 2011, 118, 860-865.	2.5	57
44	Quantitative Analysis of Retinal Vessel Attenuation in Eyes with Retinitis Pigmentosa. , 2012, 53, 4306.		56
45	The Associations of Dietary Intake of Polyunsaturated Fatty Acids With Diabetic Retinopathy in Well-Controlled Diabetes. , 2015, 56, 7473.		56
46	Prevalence of Diabetic Retinopathy and Blindness in Indonesian Adults With Type 2 Diabetes. <i>American Journal of Ophthalmology</i> , 2017, 181, 79-87.	1.7	56
47	Retinal Vascular Caliber and Age-related Macular Degeneration: The Singapore Malay Eye Study. <i>American Journal of Ophthalmology</i> , 2008, 146, 954-959.e1.	1.7	54
48	Retinal Vascular Caliber Is Associated with Cardiovascular Biomarkers of Oxidative Stress and Inflammation: The POLA Study. <i>PLoS ONE</i> , 2013, 8, e71089.	1.1	53
49	Axial Length, Retinal Function, and Oxygen Consumption: A Potential Mechanism for a Lower Risk of Diabetic Retinopathy in Longer Eyes. , 2013, 54, 7691.		50
50	Observation of idiopathic Full-thickness macular hole closure in early postoperative period as evaluated by optical coherence tomography. <i>American Journal of Ophthalmology</i> , 2003, 136, 185-187.	1.7	49
51	Diabetic Retinopathy and Microalbuminuria Can Predict Macroalbuminuria and Renal Function Decline in Japanese Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2013, 36, 2803-2809.	4.3	49
52	Retinal Vascular Caliber and Diabetes in a Multiethnic Asian Population. <i>Microcirculation</i> , 2009, 16, 534-543.	1.0	48
53	TWO-YEAR VISUAL OUTCOMES AFTER PHOTODYNAMIC THERAPY IN AGE-RELATED MACULAR DEGENERATION PATIENTS WITH OR WITHOUT POLYPOIDAL CHOROIDAL VASCULOPATHY LESIONS. <i>Retina</i> , 2009, 29, 960-965.	1.0	48
54	Quantitative Measurement of Hard Exudates in Patients With Diabetes and Their Associations With Serum Lipid Levels. , 2013, 54, 5544.		48

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55	Diabetic Retinopathy Is Related to Both Endothelium-Dependent and -Independent Responses of Skin Microvascular Flow. <i>Diabetes Care</i> , 2011, 34, 1389-1393.	4.3	47
56	Does Retinal Vascular Geometry Vary with Cardiac Cycle?. , 2012, 53, 5799.		45
57	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.	2.2	45
58	Development of Health Parameter Model for Risk Prediction of CVD Using SVM. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-7.	0.7	41
59	Quantitative Assessment of the Retina Using OCT and Associations with Cognitive Function. <i>Ophthalmology</i> , 2020, 127, 107-118.	2.5	41
60	Association between serum uric acid levels and mortality: a nationwide community-based cohort study. <i>Scientific Reports</i> , 2020, 10, 6066.	1.6	40
61	Usefulness of Retinal Microvascular Endothelial Dysfunction as a Predictor of Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2015, 115, 609-613.	0.7	39
62	Retinal fractal dimension is increased in persons with diabetes but not impaired glucose metabolism: the Australian Diabetes, Obesity and Lifestyle (AusDiab) study. <i>Diabetologia</i> , 2010, 53, 2042-2045.	2.9	38
63	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.	1.1	36
64	High Prevalence of Hypertension and End-Organ Damage Late After Coarctation Repair in Normal Arches. <i>Annals of Thoracic Surgery</i> , 2015, 100, 647-653.	0.7	35
65	Prevalence and Pattern of Geographic Atrophy in Asia. <i>Ophthalmology</i> , 2020, 127, 1371-1381.	2.5	34
66	Determinants and Risk Factors for Central Corneal Thickness in Japanese Persons: The Funagata Study. <i>Ophthalmic Epidemiology</i> , 2011, 18, 244-249.	0.8	33
67	Retinal Vessel Tortuosity and Its Relation to Traditional and Novel Vascular Risk Markers in Persons with Diabetes. <i>Current Eye Research</i> , 2016, 41, 1-7.	0.7	33
68	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.	1.6	33
69	Effect of blood pressure on the retinal vasculature in a multi-ethnic Asian population. <i>Hypertension Research</i> , 2009, 32, 975-982.	1.5	32
70	Measurement of Macular Fractal Dimension Using a Computer-Assisted Program. , 2014, 55, 2237.		32
71	Serum Apolipoproteins Are Associated With Systemic and Retinal Microvascular Function in People With Diabetes. <i>Diabetes</i> , 2012, 61, 1785-1792.	0.3	31
72	Retinal microvascular structure and function in patients with risk factors of atherosclerosis and coronary artery disease. <i>Atherosclerosis</i> , 2014, 233, 478-484.	0.4	31

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73	Phenotypic Features of Oguchi Disease and Retinitis Pigmentosa in Patients with S-Antigen Mutations. <i>Ophthalmology</i> , 2019, 126, 1557-1566.	2.5	31
74	An Automated Method for Retinal Arteriovenous Nicking Quantification From Color Fundus Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 3194-3203.	2.5	30
75	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, 233-242.	1.3	30
76	Japan-Retinal Detachment Registry Report I: preoperative findings in eyes with primary retinal detachment. <i>Japanese Journal of Ophthalmology</i> , 2020, 64, 1-12.	0.9	30
77	Is the Association Between Smoking and the Retinal Venular Diameter Reversible Following Smoking Cessation?. , 2014, 55, 405.		28
78	Association of Serum Lipids With Macular Thickness and Volume in Type 2 Diabetes Without Diabetic Macular Edema. , 2014, 55, 1749.		26
79	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.	1.5	26
80	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.	1.7	24
81	Impaired glucose tolerance, but not impaired fasting glucose, is associated with retinopathy in Japanese population: the Funagata study. <i>Diabetes, Obesity and Metabolism</i> , 2008, 10, 514-515.	2.2	23
82	Cost-utility Analysis of Screening for Diabetic Retinopathy in Japan: A Probabilistic Markov Modeling Study. <i>Ophthalmic Epidemiology</i> , 2015, 22, 4-12.	0.8	23
83	Gene-environment interactions in obesity: implication for future applications in preventive medicine. <i>Journal of Human Genetics</i> , 2016, 61, 317-322.	1.1	23
84	Tachyphylaxis during treatment of exudative age-related macular degeneration with aflibercept. <i>Graefé's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 2559-2569.	1.0	23
85	Retinal vascular caliber is associated with renal function in apparently healthy subjects. <i>Acta Ophthalmologica</i> , 2013, 91, e283-8.	0.6	21
86	Zone Specific Fractal Dimension of Retinal Images as Predictor of Stroke Incidence. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	21
87	Early Signs of Exudative Age-Related Macular Degeneration in Asians. <i>Optometry and Vision Science</i> , 2014, 91, 849-853.	0.6	21
88	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.	0.7	21
89	Reproducibility of the Retinal Vascular Response to Flicker Light in Asians. <i>Current Eye Research</i> , 2009, 34, 1082-1088.	0.7	20
90	Retinal vascular calibre is altered in patients with rheumatoid arthritis: a biomarker of disease activity and cardiovascular risk?. <i>Rheumatology</i> , 2011, 50, 939-943.	0.9	20

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91	A New Method of Magnification Correction for Accurately Measuring Retinal Vessel Calibers From Fundus Photographs. , 2017, 58, 1858.		20
92	Visual outcomes after surgery for primary rhegmatogenous retinal detachment in era of microincision vitrectomy: Japan-Retinal Detachment Registry Report IV. British Journal of Ophthalmology, 2021, 105, 227-232.	2.1	20
93	Automated Analysis of Retinal Vascular Tortuosity on Color Retinal Images. Journal of Medical Systems, 2012, 36, 689-697.	2.2	19
94	Retinal artery&#x201c;vein caliber grading using color fundus imaging. Computer Methods and Programs in Biomedicine, 2013, 111, 104-114.	2.6	19
95	Reliability and Reproducibility of Retinal Oxygen Saturation Measurements using a Predefined Peri-papillary Annulus. Acta Ophthalmologica, 2013, 91, e590-e594.	0.6	19
96	Association of Visual Acuity and Cognitive Impairment in Older Individuals: Fujiwara-kyo Eye Study. BioResearch Open Access, 2016, 5, 228-234.	2.6	19
97	Retinal vascular fractal dimension and cerebral blood flow, a pilot study. Acta Ophthalmologica, 2020, 98, e63-e71.	0.6	19
98	Ocular Higher-Order Wavefront Aberrations in the Japanese Adult Population: the Yamagata Study (Funagata). Investigative Ophthalmology and Visual Science, 2015, 56, 90-97.	3.3	18
99	Slight increase in urinary albumin excretion within the normal range predicts incident hypertension in a community-based Japanese population: the Takahata study. Hypertension Research, 2015, 38, 56-60.	1.5	18
100	Impact of restrictive lung disorder on cardiovascular mortality in a general population: The Yamagata (Takahata) study. International Journal of Cardiology, 2017, 241, 395-400.	0.8	18
101	Age-Related Changes in Ocular Aberrations and the Yamagata Study (Funagata). Cornea, 2017, 36, S34-S40.	0.9	18
102	Preoperative factors to select vitrectomy or scleral buckling for retinal detachment in microincision vitrectomy era. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 1871-1880.	1.0	18
103	The Impact of Superoxide Dismutase-1 Genetic Variation on Cardiovascular and All-Cause Mortality in a Prospective Cohort Study: The Yamagata (Takahata) Study. PLoS ONE, 2016, 11, e0164732.	1.1	18
104	Associations of Retinal Oximetry in Healthy Young Adults. , 2014, 55, 1763.		17
105	Regulatory-approved deep learning/machine learning-based medical devices in Japan as of 2020: A systematic review. , 2022, 1, e0000001.		17
106	Factors associated with participation in a diabetic retinopathy screening program in a rural district in Bangladesh. Diabetes Research and Clinical Practice, 2018, 144, 111-117.	1.1	16
107	Age-related rarefaction in retinal vasculature is not linear. Experimental Eye Research, 2013, 116, 355-358.	1.2	15
108	Effect of simvastatin on retinal vascular caliber: the Age&#x201c;Related Maculopathy Statin Study. Acta Ophthalmologica, 2013, 91, e418-9.	0.6	15

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109	LOCALIZED CHANGES IN RETINAL VESSEL CALIBER AFTER FOCAL/GRID LASER TREATMENT IN PATIENTS WITH DIABETIC MACULAR EDEMA. <i>Retina</i> , 2013, 33, 2089-2095.	1.0	15
110	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.	0.6	15
111	Dietary Habits, Fatty Acids and Carotenoid Levels Are Associated with Neovascular Age-Related Macular Degeneration in Chinese. <i>Nutrients</i> , 2019, 11, 1720.	1.7	15
112	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.	1.3	15
113	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.	0.9	14
114	Cross-Sectional Imaging Analysis of Epiretinal Membrane Involvement in Unilateral Open-Angle Glaucoma Severity. , 2018, 59, 5745.		14
115	Angiotensin-converting enzyme gene and retinal arteriolar narrowing: The Funagata Study. <i>Journal of Human Hypertension</i> , 2009, 23, 788-793.	1.0	13
116	Associations of retinal oximetry in persons with diabetes. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 124-131.	1.3	13
117	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, 117-124.	0.8	13
118	Noisy-LSTM: Improving Temporal Awareness for Video Semantic Segmentation. <i>IEEE Access</i> , 2021, 9, 46810-46820.	2.6	13
119	Retinal Venular Calibre is Increased in Patients with Autoimmune Rheumatic Disease: A Case-Control Study. <i>Current Eye Research</i> , 2013, 38, 685-690.	0.7	12
120	A Method for Visualization of Fine Retinal Vascular Pulsation Using Nonmydriatic Fundus Camera Synchronized with Electrocardiogram. <i>ISRN Ophthalmology</i> , 2013, 2013, 1-9.	1.7	12
121	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.	2.1	12
122	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.	0.8	12
123	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.	2.1	12
124	SIX MONTHS PRIMARY SUCCESS RATE FOR RETINAL DETACHMENT BETWEEN VITRECTOMY AND SCLERAL BUCKLING. <i>Retina</i> , 2021, 41, 1164-1173.	1.0	12
125	Screening for Retinal Vessel Caliber and Its Association with Metabolic Syndrome in Japanese Adults. <i>Metabolic Syndrome and Related Disorders</i> , 2011, 9, 427-432.	0.5	11
126	Correlation and Reproducibility of Retinal Vascular Geometric Measurements for Stereoscopic Retinal Images of the Same Eyes. <i>Ophthalmic Epidemiology</i> , 2012, 19, 322-327.	0.8	11



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127	The relationship between retinal vessel calibre and knee cartilage and BMLs. BMC Musculoskeletal Disorders, 2012, 13, 255.	0.8	11
128	A New and Efficient Method for Automatic Optic Disc Detection Using Geometrical Features. IFMBE Proceedings, 2009, , 1131-1134.	0.2	11
129	Comparisons of retinal vessel diameter and glaucomatous parameters between both eyes of subjects with clinically unilateral pseudoexfoliation syndrome. PLoS ONE, 2017, 12, e0179663.	1.1	11
130	Retinal artery and venular caliber grading: A semi-automated evaluation tool. Computers in Biology and Medicine, 2014, 44, 1-9.	3.9	10
131	Exposure to Atomic Bomb Radiation and Age-Related Macular Degeneration in Later Life: The Hiroshima-Nagasaki Atomic Bomb Survivor Study. , 2015, 56, 5401.		10
132	Cross-Sectional and Longitudinal Investigation of the Power Vector in Astigmatism: The Yamagata Study (Funagata). Cornea, 2018, 37, 53-58.	0.9	10
133	Effects of Brimonidine and Timolol on the Progression of Visual Field Defects in Open-angle Glaucoma: A Single-center Randomized Trial. Journal of Glaucoma, 2019, 28, 575-583.	0.8	10
134	New severity grading system for Fuchs endothelial corneal dystrophy using anterior segment optical coherence tomography. Acta Ophthalmologica, 2021, 99, e914-e921.	0.6	10
135	Dietary Saturated Fatty Acid Intake and Early Age-Related Macular Degeneration in a Japanese Population. , 2020, 61, 23.		10
136	Analysis of Progressive Neovascularization in Diabetic Retinopathy Using Widefield OCT Angiography. Ophthalmology Retina, 2022, 6, 153-160.	1.2	10
137	MTUNet: Few-shot Image Classification with Visual Explanations. , 2021, , .		10
138	Effect of combined treatment with sub-Tenon injection of triamcinolone acetonide and photodynamic therapy in Japanese patients with age-related macular degeneration. Japanese Journal of Ophthalmology, 2009, 53, 512-518.	0.9	9
139	Is retinal vasculature change associated with risk of obesity? Longitudinal cohort study in Japanese adults: The Funagata study. Journal of Diabetes Investigation, 2011, 2, 225-232.	1.1	9
140	Retinal vessel diameter measurement using multi-step regression method. , 2012, , .		9
141	Retinal venular calibre dilatation after intravitreal ranibizumab treatment for neovascular age-related macular degeneration. Clinical and Experimental Ophthalmology, 2012, 40, 59-66.	1.3	9
142	Usefulness of novel laser speckle flowgraphy-derived variables of the large vessel area in the optic nerve head in normal tension glaucoma. Clinical and Experimental Ophthalmology, 2014, 42, 887-889.	1.3	9
143	Retinal vascular caliber associated with cardiac and renal target organ damage in never-treated hypertensive patients. Microcirculation, 2017, 24, e12344.	1.0	9
144	Gender differences in the impact of anemia on subclinical myocardial damage and cardiovascular mortality in the general population: The Yamagata (Takahata) study. International Journal of Cardiology, 2018, 252, 207-212.	0.8	9

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145	Systematic review of clinical research on regenerative medicine for the cornea. Japanese Journal of Ophthalmology, 2021, 65, 169-183.	0.9	9
146	Association between the retinal vascular network and retinal nerve fiber layer in the elderly: The Montrachet study. PLoS ONE, 2020, 15, e0241055.	1.1	9
147	Feasibility of screening for diabetic retinopathy at an Australian pathology collection service: a pilot study. Medical Journal of Australia, 2013, 198, 97-99.	0.8	9
148	Retinal vascular changes following intravitreal ranibizumab injections for neovascular AMD over a 1-year period. Eye, 2012, 26, 958-966.	1.1	8
149	Microvascular Dilatation after Haemodialysis Is Determined by the Volume of Fluid Removed and Fall in Mean Arterial Pressure. Kidney and Blood Pressure Research, 2012, 35, 644-648.	0.9	8
150	Automated quantification of retinal arteriovenous nicking from colour fundus images. , 2013, 2013, 5865-8.		8
151	Box-Counting Fractal Dimension Algorithm Variations on Retina Images. Lecture Notes in Electrical Engineering, 2016, , 337-343.	0.3	8
152	A high-fat diet temporarily renders Sod1-deficient mice resistant to an oxidative insult. Journal of Nutritional Biochemistry, 2017, 40, 44-52.	1.9	8
153	Effects of Lutein Supplementation in Japanese Patients with Unilateral Age-Related Macular Degeneration: The Sakai Lutein Study. Scientific Reports, 2020, 10, 5958.	1.6	8
154	Applying Data Envelopment Analysis to Preventive Medicine: A Novel Method for Constructing a Personalized Risk Model of Obesity. PLoS ONE, 2015, 10, e0126443.	1.1	8
155	Prediction of Cardiovascular Parameters With Supervised Machine Learning From Singapore Vessel Assessment and OCT-Angiography: A Pilot Study. Translational Vision Science and Technology, 2021, 10, 20.	1.1	8
156	Retinal Vascular Features Associated with Risk of Branch Retinal Vein Occlusion. Current Eye Research, 2013, 38, 989-993.	0.7	7
157	Microvascular Disease After Renal Transplantation. Kidney and Blood Pressure Research, 2015, 40, 575-583.	0.9	7
158	Health management in cancer survivors: Findings from a population-based prospective cohort study—the Yamagata Study (Takahata). Cancer Science, 2015, 106, 1607-1615.	1.7	7
159	The association between skin autofluorescence and mean deviation in patients with open-angle glaucoma. British Journal of Ophthalmology, 2017, 101, 233-238.	2.1	7
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