

Gerhard GarhÄ¶fer

List of Publications by Year in descending order

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139
papers

4,991
citations

136885

32
h-index

149623

56
g-index

147
all docs

147
docs citations

147
times ranked

4275
citing authors

#	ARTICLE	IF	CITATIONS
1	Anterior segment optical coherence tomography. Progress in Retinal and Eye Research, 2018, 66, 132-156.	7.3	297
2	The complex interaction between ocular perfusion pressure and ocular blood flow – Relevance for glaucoma. Experimental Eye Research, 2011, 93, 141-155.	1.2	227
3	Nitric oxide regulates retinal vascular tone in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H631-H636.	1.5	218
4	Use of the retinal vessel analyzer in ocular blood flow research. Acta Ophthalmologica, 2010, 88, 717-722.	0.6	178
5	Effects of Lutein Supplementation on Macular Pigment Optical Density and Visual Acuity in Patients with Age-Related Macular Degeneration. , 2011, 52, 8174.		131
6	Measurement of Tear Film Thickness Using Ultrahigh-Resolution Optical Coherence Tomography. , 2013, 54, 5578.		125
7	Pharmacotherapy of Glaucoma. Journal of Ocular Pharmacology and Therapeutics, 2015, 31, 63-77.	0.6	121
8	Use of colour Doppler imaging in ocular blood flow research. Acta Ophthalmologica, 2011, 89, e609-e630.	0.6	112
9	CorneaNet: fast segmentation of cornea OCT scans of healthy and keratoconic eyes using deep learning. Biomedical Optics Express, 2019, 10, 622.	1.5	99
10	Choroidal Blood Flow and Progression of Age-Related Macular Degeneration in the Fellow Eye in Patients with Unilateral Choroidal Neovascularization. , 2010, 51, 4220.		91
11	Retinal oximetry: Metabolic imaging for diseases of the retina and brain. Progress in Retinal and Eye Research, 2019, 70, 1-22.	7.3	89
12	Retinal Blood Flow in Healthy Young Subjects. , 2012, 53, 698.		88
13	Ultrahigh-resolution OCT imaging of the human cornea. Biomedical Optics Express, 2017, 8, 1221.	1.5	88
14	Measurement of the total retinal blood flow using dual beam Fourier-domain Doppler optical coherence tomography with orthogonal detection planes. Biomedical Optics Express, 2014, 5, 630.	1.5	84
15	Measurement of Absolute Blood Flow Velocity and Blood Flow in the Human Retina by Dual-Beam Bidirectional Doppler Fourier-Domain Optical Coherence Tomography. , 2012, 53, 6062.		78
16	Neurovascular Dysfunction Precedes Neural Dysfunction in the Retina of Patients with Type 1 Diabetes. , 2013, 54, 842.		78
17	How Can Blood Flow Be Measured?. Survey of Ophthalmology, 2007, 52, S134-S138.	1.7	77
18	Correlation of Flicker-Induced and Flow-Mediated Vasodilatation in Patients With Endothelial Dysfunction and Healthy Volunteers. Diabetes Care, 2009, 32, 1536-1541.	4.3	77

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19	Gender Differences in Ocular Blood Flow. <i>Current Eye Research</i> , 2015, 40, 201-212.	0.7	69
20	Ocular Blood Flow Measurements in Healthy White Subjects Using Laser Speckle Flowgraphy. <i>PLoS ONE</i> , 2016, 11, e0168190.	1.1	68
21	Reduced Retinal Vessel Response to Flicker Stimulation but Not to Exogenous Nitric Oxide in Type 1 Diabetes. , 2009, 50, 4029.		67
22	Tear Film Thickness After Treatment With Artificial Tears in Patients With Moderate Dry Eye Disease. <i>Cornea</i> , 2015, 34, 421-426.	0.9	67
23	Optical Coherence Tomography Angiography in Diabetes and Diabetic Retinopathy. <i>Journal of Clinical Medicine</i> , 2020, 9, 1723.	1.0	64
24	In vivo tear film thickness measurement and tear film dynamics visualization using spectral domain optical coherence tomography. <i>Optics Express</i> , 2015, 23, 21043.	1.7	62
25	Retrobulbar Blood Flow Velocities in Open Angle Glaucoma and Their Association with Mean Arterial Blood Pressure. , 2010, 51, 6652.		61
26	Retinal Blood Flow in Type 1 Diabetic Patients With No or Mild Diabetic Retinopathy During Euglycemic Clamp. <i>Diabetes Care</i> , 2010, 33, 2038-2042.	4.3	60
27	Retinal Oxygen Metabolism During Normoxia and Hyperoxia in Healthy Subjects. , 2014, 55, 4707.		58
28	Retinal oxygen extraction in individuals with type 1 diabetes with no or mild diabetic retinopathy. <i>Diabetologia</i> , 2017, 60, 1534-1540.	2.9	58
29	Retinal oxygen extraction in humans. <i>Scientific Reports</i> , 2015, 5, 15763.	1.6	56
30	Short-Term Increase of Intraocular Pressure Does Not Alter the Response of Retinal and Optic Nerve Head Blood Flow to Flicker Stimulation. , 2005, 46, 1721.		54
31	The Association Between Subjective and Objective Parameters for the Assessment of Dry-Eye Syndrome. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1467-1472.	3.3	53
32	Effect of hyaluronic acid on tear film thickness as assessed with ultra-high resolution optical coherence tomography. <i>Acta Ophthalmologica</i> , 2015, 93, 439-443.	0.6	50
33	Flicker Light-Induced Vasodilatation in the Human Retina: Effect of Lactate and Changes in Mean Arterial Pressure. , 2003, 44, 5309.		49
34	Response of Retinal Blood Flow to Systemic Hyperoxia as Measured with Dual-Beam Bidirectional Doppler Fourier-Domain Optical Coherence Tomography. <i>PLoS ONE</i> , 2012, 7, e45876.	1.1	48
35	Retinal microvasculature dysfunction is associated with Alzheimer's disease and mild cognitive impairment. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 161.	3.0	48
36	Effect of regular smoking on flicker induced retinal vasodilatation in healthy subjects. <i>Microvascular Research</i> , 2011, 82, 351-355.	1.1	47

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37	Regulation of retinal oxygen metabolism in humans during graded hypoxia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1412-H1418.	1.5	45
38	Vitamin D and Age-Related Macular Degeneration. <i>Nutrients</i> , 2017, 9, 1120.	1.7	43
39	Inhaled Carbon Monoxide Increases Retinal and Choroidal Blood Flow in Healthy Humans. , 2005, 46, 4275.		41
40	Twelve-hour reproducibility of retinal and optic nerve blood flow parameters in healthy individuals. <i>Acta Ophthalmologica</i> , 2009, 87, 875-880.	0.6	41
41	Optic nerve head and retinal blood flow regulation during isometric exercise as assessed with laser speckle flowgraphy. <i>PLoS ONE</i> , 2017, 12, e0184772.	1.1	38
42	Nutritional supplements in age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2015, 93, 105-121.	0.6	37
43	A Controlled, Randomized Double-Blind Study to Evaluate the Safety and Efficacy of Chitosan-N-Acetylcysteine for the Treatment of Dry Eye Syndrome. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017, 33, 375-382.	0.6	36
44	Measurements of Retinal Perfusion Using Laser Speckle Flowgraphy and Doppler Optical Coherence Tomography. , 2016, 57, 5417.		35
45	Anatomical and functional changes in the retina in patients with Alzheimer's disease and mild cognitive impairment. <i>Acta Ophthalmologica</i> , 2020, 98, e914-e921.	0.6	33
46	Effect of Topically Administered Chitosan-N-acetylcysteine on Corneal Wound Healing in a Rabbit Model. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-6.	0.6	32
47	Topical Low Dose Preservative-Free Hydrocortisone Reduces Signs and Symptoms in Patients with Chronic Dry Eye: A Randomized Clinical Trial. <i>Advances in Therapy</i> , 2020, 37, 329-341.	1.3	32
48	Correlation of optic disc morphology and ocular perfusion parameters in patients with primary open angle glaucoma. <i>Acta Ophthalmologica</i> , 2011, 89, e544-e549.	0.6	31
49	Assessment of choroidal blood flow using laser speckle flowgraphy. <i>British Journal of Ophthalmology</i> , 2018, 102, 1679-1683.	2.1	31
50	Effect of Intravenous Administration of Sodium-Lactate on Retinal Blood Flow in Healthy Subjects. , 2003, 44, 3972.		30
51	Intravenous Administration of L-Arginine Increases Retinal and Choroidal Blood Flow. <i>American Journal of Ophthalmology</i> , 2005, 140, 69.e1-69.e9.	1.7	29
52	Effect of Latanoprost on Choroidal Blood Flow Regulation in Healthy Subjects. , 2011, 52, 4410.		29
53	Super-resolved thickness maps of thin film phantoms and in vivo visualization of tear film lipid layer using OCT. <i>Biomedical Optics Express</i> , 2016, 7, 2650.	1.5	29
54	Effect of different lubricant eye gels on tear film thickness as measured with ultrahigh-resolution optical coherence tomography. <i>Acta Ophthalmologica</i> , 2017, 95, e307-e313.	0.6	29

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55	Effects of Antioxidants (AREDS Medication) on Ocular Blood Flow and Endothelial Function in an Endotoxin-Induced Model of Oxidative Stress in Humans. , 2010, 51, 2.		28
56	Distinguishing Keratoconic Eyes and Healthy Eyes Using Ultrahigh-Resolution Optical Coherence Tomography-Based Corneal Epithelium Thickness Mapping. American Journal of Ophthalmology, 2018, 189, 47-54.	1.7	27
57	Retinal Neurovascular Coupling in Diabetes. Journal of Clinical Medicine, 2020, 9, 2829.	1.0	27
58	Relation of retinal blood flow and retinal oxygen extraction during stimulation with diffuse luminance flicker. Scientific Reports, 2016, 5, 18291.	1.6	26
59	Effect of a Matrix Therapy Agent on Corneal Epithelial Healing After Standard Collagen Cross-linking in Patients With Keratoconus. JAMA Ophthalmology, 2016, 134, 1169.	1.4	24
60	Nitric oxide: a drug target for glaucoma revisited. Drug Discovery Today, 2019, 24, 1614-1620.	3.2	24
61	Influence of Perfluorohexyloctane Eye Drops on Tear Film Thickness in Patients with Mild to Moderate Dry Eye Disease: A Randomized Controlled Clinical Trial. Journal of Ocular Pharmacology and Therapeutics, 2020, 36, 154-161.	0.6	24
62	Approaches to quantify optical coherence tomography angiography metrics. Annals of Translational Medicine, 2020, 8, 1205-1205.	0.7	24
63	Age-Related Decline of Retinal Oxygen Extraction in Healthy Subjects. , 2019, 60, 3162.		23
64	Optic nerve head blood flow regulation during changes in arterial blood pressure in patients with primary open-angle glaucoma. Acta Ophthalmologica, 2019, 97, e36-e41.	0.6	23
65	Deep learning segmentation for optical coherence tomography measurements of the lower tear meniscus. Biomedical Optics Express, 2020, 11, 1539.	1.5	23
66	Reproducibility of retinal vessel oxygen saturation measurements in healthy young subjects. Acta Ophthalmologica, 2012, 90, e616-20.	0.6	22
67	Effect of Increased Oxygen Tension on Flicker-Induced Vasodilatation in the Human Retina. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1914-1918.	2.4	22
68	A Double-Masked Randomized Crossover Study Comparing the Effect of Latanoprost/Timolol and Brimonidine/Timolol Fixed Combination on Intraocular Pressure and Ocular Blood Flow in Patients with Primary Open-Angle Glaucoma or Ocular Hypertension. Journal of Ocular Pharmacology and Therapeutics, 2012, 28, 569-575.	0.6	21
69	The effects of moxaverine on ocular blood flow in patients with age-related macular degeneration or primary open angle glaucoma and in healthy control subjects. Acta Ophthalmologica, 2012, 90, 139-145.	0.6	21
70	Factors Determining Flicker-Induced Retinal Vasodilation in Healthy Subjects. , 2016, 57, 3306.		21
71	Role of Nitric Oxide in Optic Nerve Head Blood Flow Regulation during Isometric Exercise in Healthy Humans. , 2013, 54, 1964.		20
72	Effect of Diffuse Luminance Flicker Light Stimulation on Total Retinal Blood Flow Assessed With Dual-Beam Bidirectional Doppler OCT. , 2017, 58, 1167.		20

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73	Novel Approaches for Imaging-Based Diagnosis of Ocular Surface Disease. <i>Diagnostics</i> , 2020, 10, 589.	1.3	20
74	Effect of Single Instillation of Two Hyaluronic Acid-Based Topical Lubricants on Tear Film Thickness in Patients with Dry Eye Syndrome. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2018, 34, 605-611.	0.6	19
75	Cationic Emulsion-Based Artificial Tears as a Mimic of Functional Healthy Tear Film for Restoration of Ocular Surface Homeostasis in Dry Eye Disease. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2020, 36, 355-365.	0.6	19
76	Effect of systemic moxaverine on ocular blood flow in humans. <i>Acta Ophthalmologica</i> , 2009, 87, 731-735.	0.6	18
77	Role of nitric oxide in optic nerve head blood flow regulation during an experimental increase in intraocular pressure in healthy humans. <i>Experimental Eye Research</i> , 2013, 116, 247-253.	1.2	18
78	Effect of NO synthase inhibition on retinal vessel reaction to isometric exercise in healthy humans. <i>Acta Ophthalmologica</i> , 2012, 90, 362-368.	0.6	17
79	Alterations of Choroidal Blood Flow Regulation in Young Healthy Subjects with Complement Factor H Polymorphism. <i>PLoS ONE</i> , 2013, 8, e60424.	1.1	17
80	Effect of changing from preserved prostaglandins to preservative-free tafluprost in patients with glaucoma on tear film thickness. <i>European Journal of Ophthalmology</i> , 2018, 28, 385-392.	0.7	17
81	Effect of Hyaluronic Acid/Trehalose in Two Different Formulations on Signs and Symptoms in Patients with Moderate to Severe Dry Eye Disease. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-7.	0.6	17
82	Calculation of central retinal artery diameters from noninvasive ocular haemodynamic measurements in type 1 diabetes patients. <i>Acta Ophthalmologica</i> , 2013, 91, e348-52.	0.6	16
83	Measurement of Retinal Vascular Caliber From Optical Coherence Tomography Phase Images. , 2016, 57, OCT121.		16
84	Correlation of retinal neurodegeneration with measures of peripheral autonomic neuropathy in type 1 diabetes. <i>Acta Ophthalmologica</i> , 2018, 96, e804-e810.	0.6	16
85	Automated segmentation of dermal fillers in OCT images of mice using convolutional neural networks. <i>Biomedical Optics Express</i> , 2019, 10, 1315.	1.5	16
86	Influence of exercise induced hyperlactatemia on retinal blood flow during normo- and hyperglycemia. <i>Current Eye Research</i> , 2004, 28, 351-358.	0.7	15
87	Evaluation of flicker induced hyperemia in the retina and optic nerve head measured by Laser Speckle Flowgraphy. <i>PLoS ONE</i> , 2018, 13, e0207525.	1.1	15
88	Measurement of retinal blood flow in the rat by combining Doppler Fourier-domain optical coherence tomography with fundus imaging. <i>Journal of Biomedical Optics</i> , 2014, 19, 106008.	1.4	14
89	Changes in Retinal Blood Flow in Response to an Experimental Increase in IOP in Healthy Participants as Assessed With Doppler Optical Coherence Tomography. , 2020, 61, 33.		14
90	Automatic assessment of tear film and tear meniscus parameters in healthy subjects using ultrahigh-resolution optical coherence tomography. <i>Biomedical Optics Express</i> , 2019, 10, 2744.	1.5	14

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91	Estimating Retinal Blood Flow Velocities by Optical Coherence Tomography. <i>JAMA Ophthalmology</i> , 2016, 134, 1104.	1.4	13
92	Persistence of Efficacy of 0.1% Cyclosporin A Cationic Emulsion in Subjects with Severe Keratitis Due to Dry Eye Disease: A Nonrandomized, Open-label Extension of the SANSIKA Study. <i>Clinical Therapeutics</i> , 2018, 40, 1894-1906.	1.1	13
93	Angiotensin Receptor Blockers in cyclodextrin nanoparticle eye drops: Ocular pharmacokinetics and pharmacologic effect on intraocular pressure. <i>Acta Ophthalmologica</i> , 2021, 99, 376-382.	0.6	13
94	Measuring optic nerve head perfusion to monitor glaucoma: a study on structure–function relationships using laser speckle flowgraphy. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	13
95	What Do We Really Know about the Effectiveness of Glaucoma Interventions?. <i>Ophthalmology Glaucoma</i> , 2021, 4, 454-462.	0.9	13
96	Ultrahigh-resolution anterior segment optical coherence tomography for analysis of corneal microarchitecture during wound healing. <i>Acta Ophthalmologica</i> , 2019, 97, e761-e771.	0.6	12
97	Plexus-specific effect of flicker-light stimulation on the retinal microvasculature assessed with optical coherence tomography angiography. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H23-H28.	1.5	12
98	Role of endothelin-A receptors in optic nerve head red cell flux regulation during isometric exercise in healthy humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H170-H174.	1.5	11
99	Factors Associated With Choroidal Blood Flow Regulation in Healthy Young Subjects. , 2016, 57, 5705.		11
100	Repeatability and Reproducibility of Total Retinal Blood Flow Measurements Using Bi-Directional Doppler OCT. <i>Translational Vision Science and Technology</i> , 2020, 9, 34.	1.1	11
101	Effects of Pentoxifylline and Alprostadil on Ocular Hemodynamics in Healthy Humans. , 2007, 48, 815.		10
102	Method comparison of two noninvasive dual-wavelength spectrophotometric retinal oximeters in healthy young subjects during normoxia. <i>Acta Ophthalmologica</i> , 2018, 96, e614-e618.	0.6	10
103	Assessment of Choroidal Neovascularization Perfusion: A Pilot Study With Laser Speckle Flowgraphy. <i>Translational Vision Science and Technology</i> , 2020, 9, 9.	1.1	10
104	Metabolic phenotyping of tear fluid as a prognostic tool for personalised medicine exemplified by T2DM patients. <i>EPMA Journal</i> , 2022, 13, 107-123.	3.3	10
105	Biocompatible Materials for Orbital Wall Reconstruction—An Overview. <i>Materials</i> , 2022, 15, 2183.	1.3	10
106	Blood flow velocity vector field reconstruction from dual-beam bidirectional Doppler OCT measurements in retinal veins. <i>Biomedical Optics Express</i> , 2015, 6, 1599.	1.5	9
107	A Phase II, Multicenter, Randomized, Placebo-Controlled, Double-Masked Trial of a Topical Estradiol Ophthalmic Formulation in Postmenopausal Women with Moderate-to-Severe Dry Eye Disease. <i>Advances in Therapy</i> , 2021, 38, 1975-1986.	1.3	9
108	Effect of hyperoxia and hypoxia on retinal vascular parameters assessed with optical coherence tomography angiography. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	9

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109	Psychophysical Vision Simulation of Diffractive Bifocal and Trifocal Intraocular Lenses. <i>Translational Vision Science and Technology</i> , 2016, 5, 13.	1.1	8
110	Bio-Distribution and Pharmacokinetics of Topically Administered β -Cyclodextrin Based Eye Drops in Rabbits. <i>Pharmaceuticals</i> , 2021, 14, 480.	1.7	8
111	Characterization of dry eye disease in a mouse model by optical coherence tomography and fluorescein staining. <i>Biomedical Optics Express</i> , 2019, 10, 4884.	1.5	8
112	Retinal Hemodynamic Effects of Antioxidant Supplementation in an Endotoxin-Induced Model of Oxidative Stress in Humans. , 2014, 55, 2220.		7
113	Flicker-induced retinal vasodilatation is not dependent on complement factor H polymorphism in healthy young subjects. <i>Acta Ophthalmologica</i> , 2014, 92, e540-5.	0.6	7
114	Antioxidative Capacity of a Dietary Supplement on Retinal Hemodynamic Function in a Human Lipopolysaccharide (LPS) Model. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 403-411.	3.3	7
115	Regulation of Choroidal Blood Flow During Isometric Exercise at Different Levels of Intraocular Pressure. , 2019, 60, 176.		7
116	Retinal Oxygen Metabolism and Haemodynamics in Patients With Multiple Sclerosis and History of Optic Neuritis. <i>Frontiers in Neuroscience</i> , 2021, 15, 761654.	1.4	7
117	The Association between Tear Film Thickness as Measured with OCT and Symptoms and Signs of Dry Eye Disease: A Pooled Analysis of 6 Clinical Trials. <i>Journal of Clinical Medicine</i> , 2020, 9, 3791.	1.0	6
118	The Effect of Orally Administered Dronabinol on Optic Nerve Head Blood Flow in Healthy Subjects—A Randomized Clinical Trial. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 155-161.	2.3	6
119	Combining vascular and nerve fiber layer thickness measurements to model glaucomatous focal visual field loss. <i>Annals of the New York Academy of Sciences</i> , 2022, 1511, 133-141.	1.8	6
120	Effects of orally administered moxaverine on ocular blood flow in healthy subjects. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 515-520.	1.0	5
121	Optical Coherence Tomography Angiography Monitors Cutaneous Wound Healing under Angiogenesis-Promoting Treatment in Diabetic and Non-Diabetic Mice. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2447.	1.3	5
122	A multi-regression approach to improve optical coherence tomography diagnostic accuracy in multiple sclerosis patients without previous optic neuritis. <i>NeuroImage: Clinical</i> , 2022, 34, 103010.	1.4	5
123	Quality Criteria for Real-world Data in Pharmaceutical Research and Health Care Decision-making: Austrian Expert Consensus. <i>JMIR Medical Informatics</i> , 2022, 10, e34204.	1.3	5
124	Effects of vitamin C on hyperoxia-induced reduction of retinal blood flow. <i>Microvascular Research</i> , 2009, 77, 256-259.	1.1	4
125	Effects of increased white blood cell count on endothelin-induced vasoconstriction in healthy subjects. <i>Experimental Eye Research</i> , 2012, 97, 49-54.	1.2	4
126	An Exploratory Microdialysis Study to Assess the Ocular Pharmacokinetics of Ciprofloxacin Eye Drops in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2016, 32, 390-395.	0.6	4

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127	High-resolution, depth-resolved vascular leakage measurements using contrast-enhanced, correlation-gated optical coherence tomography in mice. <i>Biomedical Optics Express</i> , 2021, 12, 1774.	1.5	4
128	The Effect of Orally Administered Low-Dose Dronabinol on Retinal Blood Flow and Oxygen Metabolism in Healthy Subjects. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2021, 37, 360-366.	0.6	4
129	A pilot study to assess the effect of a three-month vitamin supplementation containing L-methylfolate on systemic homocysteine plasma concentrations and retinal blood flow in patients with diabetes. <i>Molecular Vision</i> , 2020, 26, 326-333.	1.1	4
130	A multi-regression framework to improve diagnostic ability of optical coherence tomography retinal biomarkers to discriminate mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 41.	3.0	4
131	A New Scoring System for Progressive Keratoconus. <i>JAMA Ophthalmology</i> , 2019, 137, 617.	1.4	3
132	Pulsatile tissue deformation dynamics of the murine retina and choroid mapped by 4D optical coherence tomography. <i>Biomedical Optics Express</i> , 2022, 13, 647.	1.5	3
133	Topical Drug Therapy in Glaucoma. <i>Wiener Medizinische Wochenschrift</i> , 2006, 156, 501-507.	0.5	2
134	Effects of increased white blood cell count on retinal perfusion during hyperoxia-induced vasoconstriction. <i>Microvascular Research</i> , 2012, 83, 126-130.	1.1	2
135	Cutaneous optical coherence tomography for longitudinal volumetric assessment of intradermal volumes in a mouse model. <i>Scientific Reports</i> , 2020, 10, 4245.	1.6	2
136	Retinal vessel diameters, flicker-induced retinal vasodilation and retinal oxygen saturation in high- and low-risk pregnancy. <i>Acta Ophthalmologica</i> , 2021, 99, 628-636.	0.6	2
137	Exploring Consensus on Preventive Measures and Identification of Patients at Risk of Age-Related Macular Degeneration Using the Delphi Process. <i>Journal of Clinical Medicine</i> , 2021, 10, 5432.	1.0	2
138	Interaction between leukocytes and erythrocytes in the human retina: Effects of pentoxifylline on hyperoxia-induced vasoconstriction during increased neutrophil counts. <i>Microvascular Research</i> , 2014, 92, 85-90.	1.1	1
139	Retinal oxygen saturation, vessel diameter and flicker response in eyes with specific subtypes of neovascular age-related macular degeneration during aflibercept treatment. <i>PLoS ONE</i> , 2022, 17, e0271166.	1.1	0