

Gerhard GarhÄ¶fer

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

4,991
citations

136885

32
h-index

149623

56
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147
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147
docs citations

147
times ranked

4275
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Biocompatible Materials for Orbital Wall Reconstruction—An Overview. <i>Materials</i> , 2022, 15, 2183.	1.3	10
6	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
7	Effect of hyperoxia and hypoxia on retinal vascular parameters assessed with optical coherence tomography angiography. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	9
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	A Phase III, 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
16	Bio-Distribution and Pharmacokinetics of Topically Administered β -Cyclodextrin Based Eye Drops in Rabbits. <i>Pharmaceuticals</i> , 2021, 14, 480.	1.7	8
17	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
18	What Do We Really Know about the Effectiveness of Glaucoma Interventions?. <i>Ophthalmology Glaucoma</i> , 2021, 4, 454-462.	0.9	13

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19	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
20	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
21	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
22	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
23	Influence of Perfluorohexyloctane Eye Drops on Tear Film Thickness in Patients with Mild to Moderate Dry Eye Disease: A Randomized Controlled Clinical Trial. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2020, 36, 154-161.	0.6	24
24	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
25	Approaches to quantify optical coherence tomography angiography metrics. <i>Annals of Translational Medicine</i> , 2020, 8, 1205-1205.	0.7	24
26	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
27	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
28	Novel Approaches for Imaging-Based Diagnosis of Ocular Surface Disease. <i>Diagnostics</i> , 2020, 10, 589.	1.3	20
29	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
30	Retinal Neurovascular Coupling in Diabetes. <i>Journal of Clinical Medicine</i> , 2020, 9, 2829.	1.0	27
31	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
32	Optical Coherence Tomography Angiography in Diabetes and Diabetic Retinopathy. <i>Journal of Clinical Medicine</i> , 2020, 9, 1723.	1.0	64
33	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
34	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
35	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
36	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

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37	Deep learning segmentation for optical coherence tomography measurements of the lower tear meniscus. <i>Biomedical Optics Express</i> , 2020, 11, 1539.	1.5	23
38	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
39	Age-Related Decline of Retinal Oxygen Extraction in Healthy Subjects. , 2019, 60, 3162.		23
40	Regulation of Choroidal Blood Flow During Isometric Exercise at Different Levels of Intraocular Pressure. , 2019, 60, 176.		7
41	Nitric oxide: a drug target for glaucoma revisited. <i>Drug Discovery Today</i> , 2019, 24, 1614-1620.	3.2	24
42	Retinal oximetry: Metabolic imaging for diseases of the retina and brain. <i>Progress in Retinal and Eye Research</i> , 2019, 70, 1-22.	7.3	89
43	A New Scoring System for Progressive Keratoconus. <i>JAMA Ophthalmology</i> , 2019, 137, 617.	1.4	3
44	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
45	Optic nerve head blood flow regulation during changes in arterial blood pressure in patients with primary open-angle glaucoma. <i>Acta Ophthalmologica</i> , 2019, 97, e36-e41.	0.6	23
46	CorneaNet: fast segmentation of cornea OCT scans of healthy and keratoconic eyes using deep learning. <i>Biomedical Optics Express</i> , 2019, 10, 622.	1.5	99
47	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
48	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
49	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
50	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
51	Method comparison of two non-invasive dual-wavelength spectrophotometric retinal oximeters in healthy young subjects during normoxia. <i>Acta Ophthalmologica</i> , 2018, 96, e614-e618.	0.6	10
52	Assessment of choroidal blood flow using laser speckle flowgraphy. <i>British Journal of Ophthalmology</i> , 2018, 102, 1679-1683.	2.1	31
53	Anterior segment optical coherence tomography. <i>Progress in Retinal and Eye Research</i> , 2018, 66, 132-156.	7.3	297
54	Distinguishing Keratoconic Eyes and Healthy Eyes Using Ultrahigh-Resolution Optical Coherence Tomography-Based Corneal Epithelium Thickness Mapping. <i>American Journal of Ophthalmology</i> , 2018, 189, 47-54.	1.7	27

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55	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
56	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
57	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
58	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
59	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
60	A Controlled, Randomized Double-Blind Study to Evaluate the Safety and Efficacy of Chitosan- <i>N</i> -Acetylcysteine for the Treatment of Dry Eye Syndrome. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017, 33, 375-382.	0.6	36
61	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
62	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
63	Ultrahigh-resolution OCT imaging of the human cornea. <i>Biomedical Optics Express</i> , 2017, 8, 1221.	1.5	88
64	Vitamin D and Age-Related Macular Degeneration. <i>Nutrients</i> , 2017, 9, 1120.	1.7	43
65	Effect of Topically Administered Chitosan- <i>N</i> -acetylcysteine on Corneal Wound Healing in a Rabbit Model. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-6.	0.6	32
66	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
67	Effect of Diffuse Luminance Flicker Light Stimulation on Total Retinal Blood Flow Assessed With Dual-Beam Bidirectional Doppler OCT. , 2017, 58, 1167.		20
68	Measurements of Retinal Perfusion Using Laser Speckle Flowgraphy and Doppler Optical Coherence Tomography. , 2016, 57, 5417.		35
69	Factors Determining Flicker-Induced Retinal Vasodilation in Healthy Subjects. , 2016, 57, 3306.		21
70	Factors Associated With Choroidal Blood Flow Regulation in Healthy Young Subjects. , 2016, 57, 5705.		11
71	Ocular Blood Flow Measurements in Healthy White Subjects Using Laser Speckle Flowgraphy. <i>PLoS ONE</i> , 2016, 11, e0168190.	1.1	68
72	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

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73	Psychophysical Vision Simulation of Diffractive Bifocal and Trifocal Intraocular Lenses. <i>Translational Vision Science and Technology</i> , 2016, 5, 13.	1.1	8
74	Measurement of Retinal Vascular Caliber From Optical Coherence Tomography Phase Images. , 2016, 57, OCT121.		16
75	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
76	Effect of a Matrix Therapy Agent on Corneal Epithelial Healing After Standard Collagen Cross-linking in Patients With Keratoconus. <i>JAMA Ophthalmology</i> , 2016, 134, 1169.	1.4	24
77	Estimating Retinal Blood Flow Velocities by Optical Coherence Tomography. <i>JAMA Ophthalmology</i> , 2016, 134, 1104.	1.4	13
78	Relation of retinal blood flow and retinal oxygen extraction during stimulation with diffuse luminance flicker. <i>Scientific Reports</i> , 2016, 5, 18291.	1.6	26
79	Retinal oxygen extraction in humans. <i>Scientific Reports</i> , 2015, 5, 15763.	1.6	56
80	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
81	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
82	Pharmacotherapy of Glaucoma. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2015, 31, 63-77.	0.6	121
83	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
84	Nutritional supplements in age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2015, 93, 105-121.	0.6	37
85	Gender Differences in Ocular Blood Flow. <i>Current Eye Research</i> , 2015, 40, 201-212.	0.7	69
86	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
87	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
88	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
89	Retinal Hemodynamic Effects of Antioxidant Supplementation in an Endotoxin-Induced Model of Oxidative Stress in Humans. , 2014, 55, 2220.		7
90	Retinal Oxygen Metabolism During Normoxia and Hyperoxia in Healthy Subjects. , 2014, 55, 4707.		58

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91	Effect of Increased Oxygen Tension on Flicker-Induced Vasodilatation in the Human Retina. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1914-1918.	2.4	22
92	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
93	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
94	Measurement of the total retinal blood flow using dual beam Fourier-domain Doppler optical coherence tomography with orthogonal detection planes. <i>Biomedical Optics Express</i> , 2014, 5, 630.	1.5	84
95	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
96	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
97	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
98	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
99	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
100	Measurement of Tear Film Thickness Using Ultrahigh-Resolution Optical Coherence Tomography. , 2013, 54, 5578.		125
101	Role of Nitric Oxide in Optic Nerve Head Blood Flow Regulation during Isometric Exercise in Healthy Humans. , 2013, 54, 1964.		20
102	Calculation of central retinal artery diameters from non-invasive ocular haemodynamic measurements in type 1 diabetes patients. <i>Acta Ophthalmologica</i> , 2013, 91, e348-52.	0.6	16
103	Neurovascular Dysfunction Precedes Neural Dysfunction in the Retina of Patients with Type 1 Diabetes. , 2013, 54, 842.		78
104	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
105	Reproducibility of retinal vessel oxygen saturation measurements in healthy young subjects. <i>Acta Ophthalmologica</i> , 2012, 90, e616-20.	0.6	22
106	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
107	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
108	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

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109	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. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2012, 28, 569-575.	0.6	21
110	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
111	Retinal Blood Flow in Healthy Young Subjects. , 2012, 53, 698.		88
112	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. <i>Acta Ophthalmologica</i> , 2012, 90, 139-145.	0.6	21
113	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
114	Effect of Latanoprost on Choroidal Blood Flow Regulation in Healthy Subjects. , 2011, 52, 4410.		29
115	The complex interaction between ocular perfusion pressure and ocular blood flow – Relevance for glaucoma. <i>Experimental Eye Research</i> , 2011, 93, 141-155.	1.2	227
116	Effect of regular smoking on flicker induced retinal vasodilatation in healthy subjects. <i>Microvascular Research</i> , 2011, 82, 351-355.	1.1	47
117	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
118	Use of colour Doppler imaging in ocular blood flow research. <i>Acta Ophthalmologica</i> , 2011, 89, e609-e630.	0.6	112
119	Effects of Lutein Supplementation on Macular Pigment Optical Density and Visual Acuity in Patients with Age-Related Macular Degeneration. , 2011, 52, 8174.		131
120	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
121	Retrobulbar Blood Flow Velocities in Open Angle Glaucoma and Their Association with Mean Arterial Blood Pressure. , 2010, 51, 6652.		61
122	Choroidal Blood Flow and Progression of Age-Related Macular Degeneration in the Fellow Eye in Patients with Unilateral Choroidal Neovascularization. , 2010, 51, 4220.		91
123	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
124	Use of the retinal vessel analyzer in ocular blood flow research. <i>Acta Ophthalmologica</i> , 2010, 88, 717-722.	0.6	178
125	Reduced Retinal Vessel Response to Flicker Stimulation but Not to Exogenous Nitric Oxide in Type 1 Diabetes. , 2009, 50, 4029.		67
126	Correlation of Flicker-Induced and Flow-Mediated Vasodilatation in Patients With Endothelial Dysfunction and Healthy Volunteers. <i>Diabetes Care</i> , 2009, 32, 1536-1541.	4.3	77

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127	Effects of vitamin C on hyperoxia-induced reduction of retinal blood flow. <i>Microvascular Research</i> , 2009, 77, 256-259.	1.1	4
128	Effect of systemic moxaverine on ocular blood flow in humans. <i>Acta Ophthalmologica</i> , 2009, 87, 731-735.	0.6	18
129	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
130	Effects of Pentoxifylline and Alprostadil on Ocular Hemodynamics in Healthy Humans. , 2007, 48, 815.		10
131	How Can Blood Flow Be Measured?. <i>Survey of Ophthalmology</i> , 2007, 52, S134-S138.	1.7	77
132	Topical Drug Therapy in Glaucoma. <i>Wiener Medizinische Wochenschrift</i> , 2006, 156, 501-507.	0.5	2
133	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
134	Inhaled Carbon Monoxide Increases Retinal and Choroidal Blood Flow in Healthy Humans. , 2005, 46, 4275.		41
135	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
136	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
137	Effect of Intravenous Administration of Sodium-Lactate on Retinal Blood Flow in Healthy Subjects. , 2003, 44, 3972.		30
138	Nitric oxide regulates retinal vascular tone in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H631-H636.	1.5	218
139	Flicker Light-Induced Vasodilatation in the Human Retina: Effect of Lactate and Changes in Mean Arterial Pressure. , 2003, 44, 5309.		49