José Cunha-Vaz

List of Publications by Year in descending order

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146 papers

6,389 citations

76196 40 h-index 79541 73 g-index

149 all docs 149
docs citations

149 times ranked 5730 citing authors

#	Article	IF	Citations
1	Characterisation of progression of macular oedema in the initial stages of diabetic retinopathy: a 3-year longitudinal study. Eye, 2023, 37, 313-319.	1.1	3
2	Swept-source OCTA quantification of capillary closure predicts ETDRS severity staging of NPDR. British Journal of Ophthalmology, 2022, 106, 712-718.	2.1	20
3	Fluocinolone acetonide implant in diabetic macular edema: International experts' panel consensus guidelines and treatment algorithm. European Journal of Ophthalmology, 2022, 32, 1890-1899.	0.7	17
4	Characterization of One-Year Progression of Risk Phenotypes of Diabetic Retinopathy. Ophthalmology and Therapy, 2022, 11, 333-345.	1.0	3
5	Ocular and Systemic Risk Markers for Development of Macular Edema and Proliferative Retinopathy in Type 2 Diabetes: A 5-Year Longitudinal Study. Diabetes Care, 2021, 44, e12-e14.	4.3	8
6	Different retinopathy phenotypes in type 2 diabetes predict retinopathy progression. Acta Diabetologica, 2021, 58, 197-205.	1.2	14
7	Retinal layer thicknesses and neurodegeneration in early age-related macular degeneration: insights from the Coimbra Eye Study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 2545-2557.	1.0	7
8	A Central Role for Ischemia and OCTA Metrics to Follow DR Progression. Journal of Clinical Medicine, 2021, 10, 1821.	1.0	3
9	Microaneurysm Turnover in Mild Non-Proliferative Diabetic Retinopathy is Associated with Progression and Development of Vision-Threatening Complications: A 5-Year Longitudinal Study. Journal of Clinical Medicine, 2021, 10, 2142.	1.0	14
10	Optical Coherence Tomography Angiography Metrics Monitor Severity Progression of Diabetic Retinopathy—3-Year Longitudinal Study. Journal of Clinical Medicine, 2021, 10, 2296.	1.0	12
11	Standardization of Optical Coherence Tomography Angiography Imaging Biomarkers in Diabetic Retinal Disease. Ophthalmic Research, 2021, 64, 871-887.	1.0	19
12	Characterization of Risk Profiles for Diabetic Retinopathy Progression. Journal of Personalized Medicine, 2021, 11, 826.	1.1	8
13	Comparison of Different Metrics for the Identification of Vascular Changes in Diabetic Retinopathy Using OCTA. Frontiers in Neuroscience, 2021, 15, 755730.	1.4	7
14	Retinal Neurodegeneration in Different Risk Phenotypes of Diabetic Retinal Disease. Frontiers in Neuroscience, 2021, 15 , .	1.4	8
15	A Collaborative Retrospective Study on the Efficacy and Safety of Intravitreal Dexamethasone Implant (Ozurdex) in Patients with Diabetic Macular Edema. Ophthalmology, 2020, 127, 377-393.	2,5	40
16	OPTICAL COHERENCE TOMOGRAPHY LEAKAGE IN NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2020, 40, 881-890.	1.0	6
17	Age-Related Macular Degeneration Staging by Color Fundus Photography vs. Multimodal Imaging—Epidemiological Implications (The Coimbra Eye Study—Report 6). Journal of Clinical Medicine, 2020, 9, 1329.	1.0	9
18	Retinopathy Phenotypes in Type 2 Diabetes with Different Risks for Macular Edema and Proliferative Retinopathy. Journal of Clinical Medicine, 2020, 9, 1433.	1.0	21

#	Article	IF	CITATIONS
19	Characterization of Disease Progression in the Initial Stages of Retinopathy in Type 2 Diabetes: A 2-Year Longitudinal Study., 2020, 61, 20.		26
20	The Usefulness of Serum Biomarkers in the Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. Journal of Clinical Medicine, 2020, 9, 1233.	1.0	10
21	Diabetes and the Eye. Endocrinology, 2020, , 231-273.	0.1	0
22	Unmet Needs in Ophthalmology: A European Vision Institute-Consensus Roadmap 2019–2025. Ophthalmic Research, 2019, 62, 123-133.	1.0	20
23	Topical Treatment With Brimonidine and Somatostatin Causes Retinal Vascular Dilation in Patients With Early Diabetic Retinopathy From the EUROCONDOR. , 2019, 60, 2257.		18
24	Characterization of Initial Stages of Diabetic Macular Edema. Ophthalmic Research, 2019, 62, 203-210.	1.0	6
25	Effects of Topically Administered Neuroprotective Drugs in Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. Diabetes, 2019, 68, 457-463.	0.3	69
26	Multimodal Imaging of the Initial Stages of Diabetic Retinopathy: Different Disease Pathways in Different Patients. Diabetes, 2019, 68, 648-653.	0.3	34
27	MEASUREMENTS OF RETINAL FLUID BY OPTICAL COHERENCE TOMOGRAPHY LEAKAGE IN DIABETIC MACULAR EDEMA. Retina, 2019, 39, 52-60.	1.0	26
28	Microaneurysm turnover is a predictor of diabetic retinopathy progression. British Journal of Ophthalmology, 2019, 103, 222-226.	2.1	37
29	Diabetes and the Eye. Endocrinology, 2019, , 1-43.	0.1	0
30	Subclinical Macular Edema as a Predictor of Progression to Central-Involved Macular Edema in Type 2 Diabetes. Ophthalmic Research, 2018, 60, 18-22.	1.0	7
31	Ranibizumab Plus Panretinal Photocoagulation versus Panretinal Photocoagulation Alone for High-Risk Proliferative Diabetic Retinopathy (PROTEUS Study). Ophthalmology, 2018, 125, 691-700.	2.5	84
32	Different Phenotypes of Mild Nonproliferative Diabetic Retinopathy with Different Risks for Development of Macular Edema (C-TRACER Study). Ophthalmic Research, 2018, 59, 59-67.	1.0	5
33	Changes in reticular pseudodrusen area in eyes that progressed from early to late age-related macular degeneration. International Ophthalmology, 2018, 38, 503-511.	0.6	9
34	Multimodal Evaluation of the Fellow Eye of Patients with Retinal Angiomatous Proliferation. Ophthalmic Research, 2018, 59, 88-97.	1.0	5
35	Noninvasive Multimodal Imaging of Diabetic Retinopathy. ESASO Course Series, 2018, , 88-101.	0.1	0
36	Diabetes and the Eye. Endocrinology, 2018, , 1-44.	0.1	0

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37	Diabetes and the Eye. Endocrinology, 2018, , 231-273.	0.1	O
38	Long-term Effects of Intravitreal 0.19 mg Fluocinolone Acetonide Implant on Progression and Regression of Diabetic Retinopathy. Ophthalmology, 2017, 124, 440-449.	2.5	54
39	Comparison of diabetic retinopathy classification using fluorescein angiography and optical coherence tomography angiography. British Journal of Ophthalmology, 2017, 101, 62-68.	2.1	108
40	Development of a Normative Database for Multifocal Electroretinography in the Context of a Multicenter Clinical Trial. Ophthalmic Research, 2017, 57, 107-117.	1.0	12
41	Macular Edema: Definition and Basic Concepts. Developments in Ophthalmology, 2017, 58, 1-10.	0.1	29
42	Mechanisms of Retinal Fluid Accumulation and Blood-Retinal Barrier Breakdown. Developments in Ophthalmology, 2017, 58, 11-20.	0.1	38
43	The Blood-Retinal Barrier in the Management of Retinal Disease: EURETINA Award Lecture. Ophthalmologica, 2017, 237, 1-10.	1.0	63
44	OCT-Leakage Mapping. Ophthalmology Retina, 2017, 1, 486-496.	1.2	8
45	A Nonrandomized, Open-Label, Multicenter, Phase 4 Pilot Study on the Effect and Safety of ILUVIEN® in Chronic Diabetic Macular Edema Patients Considered Insufficiently Responsive to Available Therapies (RESPOND). Ophthalmic Research, 2017, 57, 166-172.	1.0	28
46	Agreement between OCT Leakage and Fluorescein Angiography to Identify Sites of Alteration of the Blood–Retinal Barrier in Diabetes. Ophthalmology Retina, 2017, 1, 395-403.	1.2	18
47	Quantification of Retinal Microvascular Density in Optical Coherence Tomographic Angiography Images in Diabetic Retinopathy. JAMA Ophthalmology, 2017, 135, 370.	1.4	273
48	Prevalence of Age-Related Macular Degeneration in Europe. Ophthalmology, 2017, 124, 1753-1763.	2.5	337
49	Calcium Dobesilate Is Protective against Inflammation and Oxidative/Nitrosative Stress in the Retina of a Type 1 Diabetic Rat Model. Ophthalmic Research, 2017, 58, 150-161.	1.0	16
50	Functional and Structural Findings of Neurodegeneration in Early Stages of Diabetic Retinopathy: Cross-sectional Analyses of Baseline Data of the EUROCONDOR Project. Diabetes, 2017, 66, 2503-2510.	0.3	103
51	Diabetic Retinopathy Phenotypes of Progression to Macular Edema: Pooled Analysis From Independent Longitudinal Studies of up to 2 Years' Duration. , 2017, 58, BIO206.		10
52	Relevance of Retinal Thickness Changes in the OCT Inner and Outer Rings to Predict Progression to Clinical Macular Edema: An Attempt of Composite Grading of Macular Edema. Ophthalmic Research, 2016, 55, 19-25.	1.0	5
53	OCT-Leakage: A New Method to Identify and Locate Abnormal Fluid Accumulation in Diabetic Retinal Edema. , 2016, 57, 6776.		29
54	Ageâ€related macular degeneration in <scp>P</scp> ortugal: prevalence and risk factors in a coastal and an inland town. The <scp>C</scp> oimbra Eye Study – Report 2. Acta Ophthalmologica, 2016, 94, e442-53.	0.6	18

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55	Correlation between Retinal Vessel Calibre and Neurodegeneration in Patients with Type 2 Diabetes Mellitus in the European Consortium for the Early Treatment of Diabetic Retinopathy (EUROCONDOR). Ophthalmic Research, 2016, 56, 10-16.	1.0	27
56	Ranibizumab for High-Risk Proliferative Diabetic Retinopathy: An Exploratory Randomized Controlled Trial. Ophthalmologica, 2016, 235, 34-41.	1.0	26
57	Drug Transport Across Blood-Ocular Barriers and Pharmacokinetics. , 2016, , 37-63.		5
58	Diabetic Retinopathy: Need for More Research to Understand the Relative Role of Neuropathy and Microvascular Disease. Ophthalmic Research, 2015, 54, 109-111.	1.0	7
59	Characterization of Retinal Disease Progression in a 1-Year Longitudinal Study of Eyes With Mild Nonproliferative Retinopathy in Diabetes Type 2., 2015, 56, 5698.		22
60	Editorial. Ophthalmic Research, 2015, 53, 1-1.	1.0	0
61	Non-Traditional Systemic Treatments for Diabetic Retinopathy: An Evidence-Based Review. Current Medicinal Chemistry, 2015, 22, 2580-2589.	1.2	23
62	One-Year Progression of Diabetic Subclinical Macular Edema in Eyes with Mild Nonproliferative Diabetic Retinopathy: Location of the Increase in Retinal Thickness. Ophthalmic Research, 2015, 54, 118-123.	1.0	13
63	Predictive Value of Heidelberg Retina Tomograph Parameters for the Development of Glaucoma in the European Glaucoma Prevention Study. American Journal of Ophthalmology, 2015, 159, 265-276.e1.	1.7	8
64	Prevalence of Age-Related Macular Degeneration in Portugal: The Coimbra Eye Study - Report 1. Ophthalmologica, 2015, 233, 119-127.	1.0	32
65	Screening for Diabetic Retinopathy in the Central Region of Portugal. Added Value of Automated †Disease/No Disease' Grading. Ophthalmologica, 2015, 233, 96-103.	1.0	42
66	Retinal Layer Location of Increased Retinal Thickness in Eyes with Subclinical and Clinical Macular Edema in Diabetes Type 2. Ophthalmic Research, 2015, 54, 112-117.	1.0	45
67	Biomarkers of diabetic retinopathy. Diabetes Management, 2014, 4, 177-188.	0.5	2
68	Editorial. Ophthalmologica, 2014, 232, 187-187.	1.0	0
69	Phenotypes and biomarkers of diabetic retinopathy. Progress in Retinal and Eye Research, 2014, 41, 90-111.	7. 3	122
70	Sustained Delivery Fluocinolone Acetonide Vitreous Implants. Ophthalmology, 2014, 121, 1892-1903.e3.	2.5	137
71	Neuroretinal Dysfunction With Intact Blood-Retinal Barrier and Absent Vasculopathy in Type 1 Diabetes. Diabetes, 2014, 63, 3926-3937.	0.3	57
72	Genetic Variants in ICAM1, PPARGC1A and MTHFR Are Potentially Associated with Different Phenotypes of Diabetic Retinopathy. Ophthalmologica, 2014, 232, 156-162.	1.0	20

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73	Phenotypes and Biomarkers of Diabetic Retinopathy. Personalized Medicine for Diabetic Retinopathy: The Weisenfeld Award., 2014, 55, 5412.		9
74	The Heidelberg retina tomograph ancillary study to the European glaucoma prevention study: study design and baseline factors. Acta Ophthalmologica, 2013, 91, e612-e619.	0.6	11
75	The Effect of the Oral PKC \hat{l}^2 Inhibitor Ruboxistaurin on Vision Loss in Two Phase 3 Studies. , 2013, 54, 1750.		57
76	Microaneurysm Turnover at the Macula Predicts Risk of Development of Clinically Significant Macular Edema in Persons With Mild Nonproliferative Diabetic Retinopathy. Diabetes Care, 2013, 36, 1254-1259.	4.3	79
77	Subclinical Macular Edema as a Predictor of Progression to Clinically Significant Macular Edema in Type 2 Diabetes. Ophthalmologica, 2013, 230, 201-206.	1.0	23
78	Editorial. Ophthalmologica, 2013, 231, 1-1.	1.0	0
79	PHOTODYNAMIC THERAPY FOR CHRONIC CENTRAL SEROUS CHORIORETINOPATHY. Retina, 2013, 33, 309-315.	1.0	65
80	Surrogate Outcomes for Progression in the Initial Stages of Diabetic Retinopathy. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2013, 13, 25-34.	0.5	1
81	Three Different Phenotypes of Mild Nonproliferative Diabetic Retinopathy With Different Risks for Development of Clinically Significant Macular Edema., 2013, 54, 4595.		50
82	Computer-Aided Detection of Diabetic Retinopathy Progression. , 2012, , 59-66.		10
83	Diabetic Macular Edema. Biological and Medical Physics Series, 2012, , 1-21.	0.3	20
84	Clinical Phenotypes of Diabetic Retinopathy., 2012,, 53-68.		0
85	Evaluation of the Blood–Retinal Barrier with Optical Coherence Tomography. Biological and Medical Physics Series, 2012, , 157-174.	0.3	O
86	Nitric Oxide Synthase in Retinal Vascular Diseases. , 2012, , 529-544.		0
87	Retinal Vein Occlusion. Ophthalmologica, 2011, 226, 3-3.	1.0	2
88	Noninvasive Evaluation of Retinal Leakage Using Optical Coherence Tomography. Ophthalmologica, 2011, 226, 29-36.	1.0	18
89	Early Markers of Choroidal Neovascularization in the Fellow Eye of Patients with Unilateral Exudative Age-Related Macular Degeneration. Ophthalmologica, 2011, 225, 144-149.	1.0	33
90	Blood-Retinal Barrier. European Journal of Ophthalmology, 2011, 21, 3-9.	0.7	363

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91	Œdèmes maculaires : définitions et concepts de base. , 2011, , 1-7.		O
92	Calcium Dobesilate Inhibits the Alterations in Tight Junction Proteins and Leukocyte Adhesion to Retinal Endothelial Cells Induced by Diabetes. Diabetes, 2010, 59, 2637-2645.	0.3	119
93	Introduction. Ophthalmologica, 2010, 224, 1-1.	1.0	1
94	Diagnosis of Macular Edema. Ophthalmologica, 2010, 224, 2-7.	1.0	27
95	Macular Edema: Definition and Basic Concepts. Developments in Ophthalmology, 2010, 47, 1-9.	0.1	40
96	Improved adaptive complex diffusion despeckling filter. Optics Express, 2010, 18, 24048.	1.7	140
97	Clinical Presentation of Retinopathy. , 2010, , 37-50.		1
98	An Integrated Perspective on Diabetic Retinopathy in Type 2 Diabetes. , 2010, , 279-317.		0
99	Medical Management of Diabetic Retinopathy. , 2010, , 257-278.		0
100	Clinical Diagnostic Methodologies. , 2010, , 51-100.		0
101	Microaneurysm Turnover Is a Biomarker for Diabetic Retinopathy Progression to Clinically Significant Macular Edema: Findings for Type 2 Diabetics with Nonproliferative Retinopathy. Ophthalmologica, 2009, 223, 292-297.	1.0	88
102	Computer-Assisted Microaneurysm Turnover in the Early Stages of Diabetic Retinopathy. Ophthalmologica, 2009, 223, 284-291.	1.0	47
103	SHORT-TERM EFFICACY AND SAFETY OF INTRAVITREAL RANIBIZUMAB FOR MYOPIC CHOROIDAL NEOVASCULARIZATION. Retina, 2008, 28, 1117-1123.	1.0	78
104	Treatment of neovascular age-related macular degeneration in patients with diabetes. Clinical Ophthalmology, 2008, 2, 369.	0.9	13
105	Increased-Resolution OCT Thickness Mapping of the Human Macula: A Statistically Based Registration. , 2008, 49, 2046.		8
106	Characterization and Relevance of Different Diabetic Retinopathy Phenotypes., 2007, 39, 13-30.		29
107	Predictive Factors for Open-Angle Glaucoma among Patients with Ocular Hypertension in the European Glaucoma Prevention Study. Ophthalmology, 2007, 114, 3-9.	2.5	291
108	Central Corneal Thickness in the European Glaucoma Prevention Study. Ophthalmology, 2007, 114, 454-459.	2.5	56

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109	Inducible Nitric Oxide Synthase Isoform Is a Key Mediator of Leukostasis and Blood-Retinal Barrier Breakdown in Diabetic Retinopathy. , 2007, 48, 5257.		220
110	Guidance for the treatment of neovascular age-related macular degeneration. Acta Ophthalmologica, 2007, 85, 486-494.	0.4	72
111	Increased Resolution Macular Thickness Mapping by OCT. , 2006, 2006, 4710-3.		0
112	Effect of calcium dobesilate on progression of early diabetic retinopathy: a randomised double-blind study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 1591-1600.	1.0	57
113	Nonproliferative retinopathy in diabetes type 2. Initial stages and characterization of phenotypes. Progress in Retinal and Eye Research, 2005, 24, 355-377.	7.3	72
114	Mapping the Human Blood-Retinal Barrier Function. IEEE Transactions on Biomedical Engineering, 2005, 52, 106-116.	2.5	17
115	Results of the European Glaucoma Prevention Study. Ophthalmology, 2005, 112, 366-375.	2.5	301
116	Three-Year Follow-up Study of Blood-Retinal Barrier and Retinal ThicknessAlterations in Patients With Type 2 Diabetes Mellitus and Mild NonproliferativeDiabetic Retinopathy. JAMA Ophthalmology, 2004, 122, 211.	2.6	48
117	Medical Treatment of Retinopathy of Type-2 Diabetes. Ophthalmologica, 2004, 218, 291-296.	1.0	5
118	Stabilization of visual acuity with photodynamic therapy in eyes with chorioretinal anastomoses. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 368-376.	1.0	22
119	Macular alterations after small-incision cataract surgery. Journal of Cataract and Refractive Surgery, 2004, 30, 752-760.	0.7	123
120	The blood–retinal barriers system. Basic concepts and clinical evaluation. Experimental Eye Research, 2004, 78, 715-721.	1.2	198
121	Alterations of retinal capillary blood flow in preclinical retinopathy in subjects with type 2 diabetes. , 2003, 241, 181-186.		31
122	Reproducibility of evaluation of optic disc change for glaucoma with stereo optic disc photographs. Ophthalmology, 2003, 110, 340-344.	2.5	58
123	Multimodal Macula Mapping. Survey of Ophthalmology, 2002, 47, 580-589.	1.7	32
124	The European glaucoma prevention study design and baseline description of the participants. Ophthalmology, 2002, 109, 1612-1621.	2.5	88
125	Retinal Thickness in Eyes With Mild Nonproliferative Retinopathy in Patients With Type 2 Diabetes Mellitus. JAMA Ophthalmology, 2002, 120, 1301.	2.6	49
126	Effect of cyclosporin-A on the blood–retinal barrier permeability in streptozotocin-induced diabetes. Mediators of Inflammation, 2000, 9, 243-248.	1.4	46

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127	Nitric Oxide Synthase Activity and l-Arginine Metabolism in the Retinas from Streptozotocin-Induced Diabetic Rats*. General Pharmacology, 1998, 30, 319-324.	0.7	61
128	The improvement of solid state light sensors' performance using temperature control in ocular fluorometry applications. Measurement Science and Technology, 1997, 8, 322-328.	1.4	0
129	The blood-ocular barriers: past, present, and future. Documenta Ophthalmologica, 1997, 93, 149-157.	1.0	158
130	<title>Optical characterization of a new photodiode array ocular fluorometer</title> ., 1996, 2927, 110.		0
131	<title>Light sensors in ocular fluorescence imaging: assessment of parameters</title> ., 1995,,.		1
132	Ocular fluorophotometry in the normal- and diabetic monkey. Experimental Eye Research, 1986, 42, 467-477.	1.2	7
133	Alteration of the blood-retinal barrier and vitreous in sickle cell retinopathy. International Ophthalmology, 1986, 9, 103-108.	0.6	5
134	A brief historical note on ocular fluorophotometry. Graefe's Archive for Clinical and Experimental Ophthalmology, 1985, 222, 168-168.	1.0	4
135	Vitreous Fluorophotometry in Pars Planitis. American Journal of Ophthalmology, 1983, 95, 189-196.	1.7	23
136	Kinetic Vitreous Fluorophotometry in Normals and Noninsulin-Dependent Diabetics. Ophthalmology, 1982, 89, 751-756.	2.5	17
137	Alteration of the blood-retinal barrier by sodium iodate: Kinetic vitreous fluorophotometry and horseradish peroxidase trace studies. Experimental Eye Research, 1982, 35, 653-662.	1.2	30
138	Effect of argon laser photocoagulation on fluorescein transport across the blood-retinal barrier. Experimental Eye Research, 1981, 32, 323-329.	1.2	24
139	Early Detection of Retinal Involvement In Diabetes By Vitreous Fluorophotometry. Ophthalmology, 1979, 86, 264-275.	2.5	48
140	The blood-ocular barriers. Survey of Ophthalmology, 1979, 23, 279-296.	1.7	363
141	Vitreous fluorophotometry and retinal blood flow studies in proliferative retinopathy. Albrecht Von Graefes Archiv Fur Klinische Und Experimentelle Ophthalmologie Albrecht Von Graefe's Archive for Clinical and Experimental Ophthalmology, 1978, 207, 71-76.	0.6	21
142	A Follow-Up Study by Vitreous Fluorophotometry of Early Retinal Involvement in Diabetes. American Journal of Ophthalmology, 1978, 86, 467-473.	1.7	47
143	Studies on Retinal Blood Flow. JAMA Ophthalmology, 1978, 96, 893.	2.6	25
144	Studies on Retinal Blood Flow. JAMA Ophthalmology, 1978, 96, 809.	2.6	70

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145	Fluorescein dynamics in the eye. Documenta Ophthalmologica, 1969, 26, 61-72.	1.0	45
146	Microaneurysm turnover in the macula is a biomarker for development of clinically significant macular edema in type 2 diabetes. Current Biomarker Findings, 0, , 11.	0.4	2