

# Jos Cunha-Vaz

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131  
papers

4,835  
citations

39  
h-index

67  
g-index

149  
ext. papers

5,645  
ext. citations

4.2  
avg, IF

5.67  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 131 | Fluocinolone acetonide implant in diabetic macular edema: International experts panel consensus guidelines and treatment algorithm.. <i>European Journal of Ophthalmology</i> , <b>2022</b> , 11206721221080288   | 1.9  | 0         |
| 130 | Comparison of Different Metrics for the Identification of Vascular Changes in Diabetic Retinopathy Using OCTA.. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 755730   | 5.1  | 0         |
| 129 | Retinal layer thicknesses and neurodegeneration in early age-related macular degeneration: insights from the Coimbra Eye Study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2021</b> , 259, 2545-2557   | 3.8  | 4         |
| 128 | Microaneurysm Turnover in Mild Non-Proliferative Diabetic Retinopathy is Associated with Progression and Development of Vision-Threatening Complications: A 5-Year Longitudinal Study. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,  | 5.1  | 2         |
| 127 | Optical Coherence Tomography Angiography Metrics Monitor Severity Progression of Diabetic Retinopathy-3-Year Longitudinal Study. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,  | 5.1  | 1         |
| 126 | Standardization of Optical Coherence Tomography Angiography Imaging Biomarkers in Diabetic Retinal Disease. <i>Ophthalmic Research</i> , <b>2021</b> , 64, 871-887  | 2.9  | 3         |
| 125 | Ocular and Systemic Risk Markers for Development of Macular Edema and Proliferative Retinopathy in Type 2 Diabetes: A 5-Year Longitudinal Study. <i>Diabetes Care</i> , <b>2021</b> , 44, e12-e14   | 14.6 | 3         |
| 124 | Different retinopathy phenotypes in type 2 diabetes predict retinopathy progression. <i>Acta Diabetologica</i> , <b>2021</b> , 58, 197-205  | 3.9  | 8         |
| 123 | Characterization of One-Year Progression of Risk Phenotypes of Diabetic Retinopathy. <i>Ophthalmology and Therapy</i> , <b>2021</b> , 11, 333   | 5    | 0         |
| 122 | Age-Related Macular Degeneration Staging by Color Fundus Photography vs. Multimodal Imaging-Epidemiological Implications (). <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,   | 5.1  | 3         |
| 121 | Retinopathy Phenotypes in Type 2 Diabetes with Different Risks for Macular Edema and Proliferative Retinopathy. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,  | 5.1  | 12        |
| 120 | Characterization of Disease Progression in the Initial Stages of Retinopathy in Type 2 Diabetes: A 2-Year Longitudinal Study <b>2020</b> , 61, 20   |      | 11        |
| 119 | The Usefulness of Serum Biomarkers in the Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,  | 5.1  | 2         |
| 118 | Swept-source OCTA quantification of capillary closure predicts ETDRS severity staging of NPDR. <i>British Journal of Ophthalmology</i> , <b>2020</b> ,  | 5.5  | 6         |
| 117 | Diabetes and the Eye. <i>Endocrinology</i> , <b>2020</b> , 231-273  | 0.1  |           |
| 116 | OPTICAL COHERENCE TOMOGRAPHY LEAKAGE IN NEOVASCULAR AGE-RELATED MACULAR DEGENERATION: Identification of Choroidal Neovascularization Activity by Location and Quantification of Abnormal Fluid Under Anti-Vascular Endothelial Growth Factor Therapy. <i>Retina</i> , <b>2020</b> , 40, 881-890 | 3.6  | 4         |
| 115 | A Collaborative Retrospective Study on the Efficacy and Safety of Intravitreal Dexamethasone Implant (Ozurdex) in Patients with Diabetic Macular Edema: The European DME Registry Study. <i>Ophthalmology</i> , <b>2020</b> , 127, 377-393  | 7.3  | 22        |

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|-----|---|-----|----|
| 114 | Topical Treatment With Brimonidine and Somatostatin Causes Retinal Vascular Dilation in Patients With Early Diabetic Retinopathy From the EUROCONDOR <b>2019</b> , 60, 2257-2262                          |     | 10 |
| 113 | Characterization of Initial Stages of Diabetic Macular Edema. <i>Ophthalmic Research</i> , <b>2019</b> , 62, 203-210  | 2.9 | 2  |
| 112 | Unmet Needs in Ophthalmology: A European Vision Institute-Consensus Roadmap 2019-2025. <i>Ophthalmic Research</i> , <b>2019</b> , 62, 123-133   | 2.9 | 8  |
| 111 | Diabetes and the Eye. <i>Endocrinology</i> , <b>2019</b> , 1-43   | 0.1 |    |
| 110 | Effects of Topically Administered Neuroprotective Drugs in Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. <i>Diabetes</i> , <b>2019</b> , 68, 457-463                    | 0.9 | 48 |
| 109 | Multimodal Imaging of the Initial Stages of Diabetic Retinopathy: Different Disease Pathways in Different Patients. <i>Diabetes</i> , <b>2019</b> , 68, 648-653   | 0.9 | 19 |
| 108 | MEASUREMENTS OF RETINAL FLUID BY OPTICAL COHERENCE TOMOGRAPHY LEAKAGE IN DIABETIC MACULAR EDEMA: A Biomarker of Visual Acuity Response to Treatment. <i>Retina</i> , <b>2019</b> , 39, 52-60              | 3.6 | 15 |
| 107 | Microaneurysm turnover is a predictor of diabetic retinopathy progression. <i>British Journal of Ophthalmology</i> , <b>2019</b> , 103, 222-226   | 5.5 | 16 |
| 106 | Subclinical Macular Edema as a Predictor of Progression to Central-Involved Macular Edema in Type 2 Diabetes. <i>Ophthalmic Research</i> , <b>2018</b> , 60, 18-22  | 2.9 | 5  |
| 105 | Ranibizumab Plus Panretinal Photocoagulation versus Panretinal Photocoagulation Alone for High-Risk Proliferative Diabetic Retinopathy (PROTEUS Study). <i>Ophthalmology</i> , <b>2018</b> , 125, 691-700 | 7.3 | 57 |
| 104 | Different Phenotypes of Mild Nonproliferative Diabetic Retinopathy with Different Risks for Development of Macular Edema (C-TRACER Study). <i>Ophthalmic Research</i> , <b>2018</b> , 59, 59-67           | 2.9 | 4  |
| 103 | Changes in reticular pseudodrusen area in eyes that progressed from early to late age-related macular degeneration. <i>International Ophthalmology</i> , <b>2018</b> , 38, 503-511                        | 2.2 | 6  |
| 102 | Multimodal Evaluation of the Fellow Eye of Patients with Retinal Angiomatous Proliferation. <i>Ophthalmic Research</i> , <b>2018</b> , 59, 88-97  | 2.9 | 4  |
| 101 | Diabetes and the Eye. <i>Endocrinology</i> , <b>2018</b> , 1-44   | 0.1 |    |
| 100 | Diabetes and the Eye. <i>Endocrinology</i> , <b>2018</b> , 231-273  | 0.1 |    |
| 99  | Noninvasive Multimodal Imaging of Diabetic Retinopathy. <i>ESASO Course Series</i> , <b>2018</b> , 88-101   | 0   |    |
| 98  | Long-term Effects of Intravitreal 0.19 mg Fluocinolone Acetonide Implant on Progression and Regression of Diabetic Retinopathy. <i>Ophthalmology</i> , <b>2017</b> , 124, 440-449                         | 7.3 | 39 |
| 97  | Comparison of diabetic retinopathy classification using fluorescein angiography and optical coherence tomography angiography. <i>British Journal of Ophthalmology</i> , <b>2017</b> , 101, 62-68          | 5.5 | 67 |

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|----|---|-----|-----|
| 96 | Development of a Normative Database for Multifocal Electroretinography in the Context of a Multicenter Clinical Trial. <i>Ophthalmic Research</i> , <b>2017</b> , 57, 107-117   | 2.9 | 10  |
| 95 | Macular Edema: Definition and Basic Concepts. <i>Developments in Ophthalmology</i> , <b>2017</b> , 58, 1-10   |     | 19  |
| 94 | Mechanisms of Retinal Fluid Accumulation and Blood-Retinal Barrier Breakdown. <i>Developments in Ophthalmology</i> , <b>2017</b> , 58, 11-20  |     | 20  |
| 93 | The Blood-Retinal Barrier in the Management of Retinal Disease: EURETINA Award Lecture. <i>Ophthalmologica</i> , <b>2017</b> , 237, 1-10  | 3.7 | 42  |
| 92 | OCT-Leakage Mapping: A New Automated Method of OCT Data Analysis to Identify and Locate Abnormal Fluid in Retinal Edema. <i>Ophthalmology Retina</i> , <b>2017</b> , 1, 486-496   | 3.8 | 5   |
| 91 | 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). <i>Ophthalmic Research</i> , <b>2017</b> , 57, 166-172 | 2.9 | 22  |
| 90 | Agreement between OCT Leakage and Fluorescein Angiography to Identify Sites of Alteration of the Blood-Retinal Barrier in Diabetes. <i>Ophthalmology Retina</i> , <b>2017</b> , 1, 395-403  | 3.8 | 10  |
| 89 | Quantification of Retinal Microvascular Density in Optical Coherence Tomographic Angiography Images in Diabetic Retinopathy. <i>JAMA Ophthalmology</i> , <b>2017</b> , 135, 370-376   | 3.9 | 202 |
| 88 | Diabetic Retinopathy Phenotypes of Progression to Macular Edema: Pooled Analysis From Independent Longitudinal Studies of up to 2 Years Duration <b>2017</b> , 58, BIO206-BIO210  |     | 5   |
| 87 | Prevalence of Age-Related Macular Degeneration in Europe: The Past and the Future. <i>Ophthalmology</i> , <b>2017</b> , 124, 1753-1763  | 7.3 | 220 |
| 86 | Calcium Dobesilate Is Protective against Inflammation and Oxidative/Nitrosative Stress in the Retina of a Type 1 Diabetic Rat Model. <i>Ophthalmic Research</i> , <b>2017</b> , 58, 150-161   | 2.9 | 12  |
| 85 | Functional and Structural Findings of Neurodegeneration in Early Stages of Diabetic Retinopathy: Cross-sectional Analyses of Baseline Data of the EUROCONDOR Project. <i>Diabetes</i> , <b>2017</b> , 66, 2503-2510   | 0.9 | 63  |
| 84 | Ranibizumab for High-Risk Proliferative Diabetic Retinopathy: An Exploratory Randomized Controlled Trial. <i>Ophthalmologica</i> , <b>2016</b> , 235, 34-41   | 3.7 | 18  |
| 83 | Drug Transport Across Blood-Ocular Barriers and Pharmacokinetics <b>2016</b> , 37-63  |     | 3   |
| 82 | OCT-Leakage: A New Method to Identify and Locate Abnormal Fluid Accumulation in Diabetic Retinal Edema <b>2016</b> , 57, 6776-6783  |     | 22  |
| 81 | Age-related macular degeneration in Portugal: prevalence and risk factors in a coastal and an inland town. The Coimbra Eye Study - Report 2. <i>Acta Ophthalmologica</i> , <b>2016</b> , 94, e442-53  | 3.7 | 13  |
| 80 | 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). <i>Ophthalmic Research</i> , <b>2016</b> , 56, 10-6                     | 2.9 | 19  |
| 79 | Retinal layer location of increased retinal thickness in eyes with subclinical and clinical macular edema in diabetes type 2. <i>Ophthalmic Research</i> , <b>2015</b> , 54, 112-7  | 2.9 | 36  |

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| 78 | Characterization of Retinal Disease Progression in a 1-Year Longitudinal Study of Eyes With Mild Nonproliferative Retinopathy in Diabetes Type 2 <b>2015</b> , 56, 5698-705  |      | 16  |
| 77 | Non-traditional systemic treatments for diabetic retinopathy: an evidence-based review. <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 2580-9  | 4.3  | 21  |
| 76 | 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. <i>Ophthalmic Research</i> , <b>2015</b> , 55, 19-25 | 2.9  | 3   |
| 75 | One-year progression of diabetic subclinical macular edema in eyes with mild nonproliferative diabetic retinopathy: location of the increase in retinal thickness. <i>Ophthalmic Research</i> , <b>2015</b> , 54, 118-23         | 2.9  | 12  |
| 74 | Predictive value of heidelberg retina tomograph parameters for the development of glaucoma in the European glaucoma prevention study. <i>American Journal of Ophthalmology</i> , <b>2015</b> , 159, 265-76.e1                    | 4.9  | 6   |
| 73 | Prevalence of Age-Related Macular Degeneration in Portugal: The Coimbra Eye Study - Report 1. <i>Ophthalmologica</i> , <b>2015</b> , 233, 119-27   | 3.7  | 25  |
| 72 | Screening for Diabetic Retinopathy in the Central Region of Portugal. Added Value of Automated Disease/No Disease Grading. <i>Ophthalmologica</i> , <b>2014</b> ,  | 3.7  | 22  |
| 71 | Phenotypes and biomarkers of diabetic retinopathy. <i>Progress in Retinal and Eye Research</i> , <b>2014</b> , 41, 90-111  | 6.5  | 93  |
| 70 | Sustained delivery fluocinolone acetonide vitreous implants: long-term benefit in patients with chronic diabetic macular edema. <i>Ophthalmology</i> , <b>2014</b> , 121, 1892-903   | 7.3  | 109 |
| 69 | Neuroretinal dysfunction with intact blood-retinal barrier and absent vasculopathy in type 1 diabetes. <i>Diabetes</i> , <b>2014</b> , 63, 3926-37   | 0.9  | 47  |
| 68 | Genetic variants in ICAM1, PPARGC1A and MTHFR are potentially associated with different phenotypes of diabetic retinopathy. <i>Ophthalmologica</i> , <b>2014</b> , 232, 156-62   | 3.7  | 14  |
| 67 | Phenotypes and biomarkers of diabetic retinopathy. Personalized medicine for diabetic retinopathy: the Weisenfeld award <b>2014</b> , 55, 5412-9   |      | 6   |
| 66 | Biomarkers of diabetic retinopathy. <i>Diabetes Management</i> , <b>2014</b> , 4, 177-188  | 0    | 2   |
| 65 | The Heidelberg retina tomograph ancillary study to the European glaucoma prevention study: study design and baseline factors. <i>Acta Ophthalmologica</i> , <b>2013</b> , 91, e612-9   | 3.7  | 9   |
| 64 | The effect of the oral PKC inhibitor ruboxistaurin on vision loss in two phase 3 studies <b>2013</b> , 54, 1750-7  |      | 44  |
| 63 | Microaneurysm turnover at the macula predicts risk of development of clinically significant macular edema in persons with mild nonproliferative diabetic retinopathy. <i>Diabetes Care</i> , <b>2013</b> , 36, 1254-9            | 14.6 | 59  |
| 62 | Microaneurysm turnover in the macula is a biomarker for development of clinically significant macular edema in type 2 diabetes. <i>Current Biomarker Findings</i> , <b>2013</b> , 11   |      | 1   |
| 61 | Subclinical macular edema as a predictor of progression to clinically significant macular edema in type 2 diabetes. <i>Ophthalmologica</i> , <b>2013</b> , 230, 201-6  | 3.7  | 19  |

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| 60 | Photodynamic therapy for chronic central serous chorioretinopathy: a 4-year follow-up study. <i>Retina</i> , <b>2013</b> , 33, 309-15  | 3.6 | 53  |
| 59 | Surrogate Outcomes for Progression in the Initial Stages of Diabetic Retinopathy. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , <b>2013</b> , 13, 25-34   |     | 1   |
| 58 | Three different phenotypes of mild nonproliferative diabetic retinopathy with different risks for development of clinically significant macular edema <b>2013</b> , 54, 4595-604   |     | 40  |
| 57 | Diabetic Macular Edema <b>2012</b> , 1-21  |     | 3   |
| 56 | Computer-Aided Detection of Diabetic Retinopathy Progression <b>2012</b> , 59-66   |     | 9   |
| 55 | Clinical Phenotypes of Diabetic Retinopathy <b>2012</b> , 53-68  |     |     |
| 54 | Evaluation of the BloodRetinal Barrier with Optical Coherence Tomography <b>2012</b> , 157-174   |     |     |
| 53 | Nitric Oxide Synthase in Retinal Vascular Diseases <b>2012</b> , 529-544   |     |     |
| 52 | Noninvasive evaluation of retinal leakage using optical coherence tomography. <i>Ophthalmologica</i> , <b>2011</b> , 226, 29-36  | 3.7 | 14  |
| 51 | Early markers of choroidal neovascularization in the fellow eye of patients with unilateral exudative age-related macular degeneration. <i>Ophthalmologica</i> , <b>2011</b> , 225, 144-9  | 3.7 | 26  |
| 50 | Blood-retinal barrier. <i>European Journal of Ophthalmology</i> , <b>2011</b> , 21 Suppl 6, S3-9   | 1.9 | 242 |
| 49 | Édèmes maculaires : définitions et concepts de base <b>2011</b> , 1-7  |     |     |
| 48 | Calcium dobesilate inhibits the alterations in tight junction proteins and leukocyte adhesion to retinal endothelial cells induced by diabetes. <i>Diabetes</i> , <b>2010</b> , 59, 2637-45  | 0.9 | 96  |
| 47 | Diagnosis of macular edema. <i>Ophthalmologica</i> , <b>2010</b> , 224 Suppl 1, 2-7  | 3.7 | 25  |
| 46 | Macular edema: definition and basic concepts. <i>Developments in Ophthalmology</i> , <b>2010</b> , 47, 1-9   |     | 27  |
| 45 | Improved adaptive complex diffusion despeckling filter. <i>Optics Express</i> , <b>2010</b> , 18, 24048-59   | 3.3 | 119 |
| 44 | Microaneurysm turnover is a biomarker for diabetic retinopathy progression to clinically significant macular edema: findings for type 2 diabetics with nonproliferative retinopathy. <i>Ophthalmologica</i> , <b>2009</b> , 223, 292-7 | 3.7 | 71  |
| 43 | Computer-assisted microaneurysm turnover in the early stages of diabetic retinopathy. <i>Ophthalmologica</i> , <b>2009</b> , 223, 284-91   | 3.7 | 40  |

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|----|--|------|-----|
| 42 | Short-term efficacy and safety of intravitreal ranibizumab for myopic choroidal neovascularization. <i>Retina</i> , <b>2008</b> , 28, 1117-23  | 3.6  | 70  |
| 41 | Treatment of neovascular age-related macular degeneration in patients with diabetes. <i>Clinical Ophthalmology</i> , <b>2008</b> , 2, 369-75   | 2.5  | 10  |
| 40 | Increased-resolution OCT thickness mapping of the human macula: a statistically based registration. <i>Investigative Ophthalmology and Visual Science</i> , <b>2008</b> , 49, 2046-52  |      | 5   |
| 39 | Inducible nitric oxide synthase isoform is a key mediator of leukostasis and blood-retinal barrier breakdown in diabetic retinopathy. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 5257-65              |      | 203 |
| 38 | Characterization and relevance of different diabetic retinopathy phenotypes. <i>Developments in Ophthalmology</i> , <b>2007</b> , 39, 13-30  |      | 22  |
| 37 | Predictive factors for open-angle glaucoma among patients with ocular hypertension in the European Glaucoma Prevention Study. <i>Ophthalmology</i> , <b>2007</b> , 114, 3-9  | 7.3  | 230 |
| 36 | Central corneal thickness in the European Glaucoma Prevention Study. <i>Ophthalmology</i> , <b>2007</b> , 114, 454-97.3  |      | 44  |
| 35 | Guidance for the treatment of neovascular age-related macular degeneration. <i>Acta Ophthalmologica</i> , <b>2007</b> , 85, 486-494  |      | 65  |
| 34 | Increased resolution macular thickness mapping by OCT. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , <b>2006</b> , 2006, 4710-3   |      |     |
| 33 | Effect of calcium dobesilate on progression of early diabetic retinopathy: a randomised double-blind study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2006</b> , 244, 1591-600                         | 3.8  | 42  |
| 32 | Results of the European Glaucoma Prevention Study. <i>Ophthalmology</i> , <b>2005</b> , 112, 366-75  | 7.3  | 247 |
| 31 | Nonproliferative retinopathy in diabetes type 2. Initial stages and characterization of phenotypes. <i>Progress in Retinal and Eye Research</i> , <b>2005</b> , 24, 355-77   | 20.5 | 65  |
| 30 | Mapping the human blood-retinal barrier function. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2005</b> , 52, 106-16  | 5    | 12  |
| 29 | Three-year follow-up study of blood-retinal barrier and retinal thickness alterations in patients with type 2 diabetes mellitus and mild nonproliferative diabetic retinopathy. <i>JAMA Ophthalmology</i> , <b>2004</b> , 122, 211-7 |      | 43  |
| 28 | Medical treatment of retinopathy of type-2 diabetes. <i>Ophthalmologica</i> , <b>2004</b> , 218, 291-6   | 3.7  | 4   |
| 27 | Stabilization of visual acuity with photodynamic therapy in eyes with chorioretinal anastomoses. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2004</b> , 242, 368-76                                      | 3.8  | 18  |
| 26 | Macular alterations after small-incision cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 752-60  | 2.3  | 105 |
| 25 | The blood-retinal barriers system. Basic concepts and clinical evaluation. <i>Experimental Eye Research</i> , <b>2004</b> , 78, 715-21   | 3.7  | 181 |

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| 24 | Alterations of retinal capillary blood flow in preclinical retinopathy in subjects with type 2 diabetes<br><b>2003</b> , 241, 181-6   |     | 21  |
| 23 | Reproducibility of evaluation of optic disc change for glaucoma with stereo optic disc photographs.<br><i>Ophthalmology</i> , <b>2003</b> , 110, 340-4  | 7.3 | 51  |
| 22 | Retinal thickness in eyes with mild nonproliferative retinopathy in patients with type 2 diabetes mellitus: comparison of measurements obtained by retinal thickness analysis and optical coherence tomography. <i>JAMA Ophthalmology</i> , <b>2002</b> , 120, 1301-6 |     | 39  |
| 21 | Multimodal macula mapping: a new approach to study diseases of the macula. <i>Survey of Ophthalmology</i> , <b>2002</b> , 47, 580-9   | 6.1 | 27  |
| 20 | The European glaucoma prevention study design and baseline description of the participants.<br><i>Ophthalmology</i> , <b>2002</b> , 109, 1612-21  | 7.3 | 70  |
| 19 | Effect of cyclosporin-A on the blood-retinal barrier permeability in streptozotocin-induced diabetes. <i>Mediators of Inflammation</i> , <b>2000</b> , 9, 243-8   | 4.3 | 40  |
| 18 | Nitric oxide synthase activity and L-arginine metabolism in the retinas from streptozotocin-induced diabetic rats. <i>General Pharmacology</i> , <b>1998</b> , 30, 319-24   |     | 53  |
| 17 | The improvement of solid state light sensors performance using temperature control in ocular fluorometry applications. <i>Measurement Science and Technology</i> , <b>1997</b> , 8, 322-328   | 2   |     |
| 16 | The blood-ocular barriers: past, present, and future. <i>Documenta Ophthalmologica</i> , <b>1997</b> , 93, 149-57   | 2.2 | 129 |
| 15 | Optical characterization of a new photodiode array ocular fluorometer <b>1996</b> , 2927, 110   |     |     |
| 14 | Alteration of the blood-retinal barrier and vitreous in sickle cell retinopathy. <i>International Ophthalmology</i> , <b>1986</b> , 9, 103-8  | 2.2 | 5   |
| 13 | Ocular fluorophotometry in the normal- and diabetic monkey. <i>Experimental Eye Research</i> , <b>1986</b> , 42, 467-377  |     | 7   |
| 12 | A brief historical note on ocular fluorophotometry. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1985</b> , 222, 168-168   | 3.8 | 4   |
| 11 | Vitreous fluorophotometry in pars planitis. <i>American Journal of Ophthalmology</i> , <b>1983</b> , 95, 189-96   | 4.9 | 21  |
| 10 | Kinetic vitreous fluorophotometry in normals and noninsulin-dependent diabetics. <i>Ophthalmology</i> , <b>1982</b> , 89, 751-6   | 7.3 | 16  |
| 9  | Alteration of the blood-retinal barrier by sodium iodate: kinetic vitreous fluorophotometry and horseradish peroxidase tracer studies. <i>Experimental Eye Research</i> , <b>1982</b> , 35, 653-62  | 3.7 | 28  |
| 8  | Effect of argon laser photocoagulation on fluorescein transport across the blood-retinal barrier. <i>Experimental Eye Research</i> , <b>1981</b> , 32, 323-9  | 3.7 | 22  |
| 7  | Early detection of retinal involvement in diabetes by vitreous fluorophotometry. <i>Ophthalmology</i> , <b>1979</b> , 86, 264-75  | 7.3 | 42  |



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|---|--|-----|-----|
| 6 | The blood-ocular barriers. <i>Survey of Ophthalmology</i> , <b>1979</b> , 23, 279-96   | 6.1 | 308 |
| 5 | Vitreous fluorophotometry and retinal blood flow studies in proliferative retinopathy. <i>Albrecht Von Graefes Archiv Fur Klinische Und Experimentelle Ophthalmologie Albrecht Von Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1978</b> , 207, 71-6 |     | 13  |
| 4 | A follow-up study by vitreous fluorophotometry of early retinal involvement in diabetes. <i>American Journal of Ophthalmology</i> , <b>1978</b> , 86, 467-73   | 4.9 | 43  |
| 3 | Studies on retinal blood flow. I. Estimation of human retinal blood flow by slit-lamp fluorophotometry. <i>JAMA Ophthalmology</i> , <b>1978</b> , 96, 893-7  |     | 19  |
| 2 | Studies on retinal blood flow. II. Diabetic retinopathy. <i>JAMA Ophthalmology</i> , <b>1978</b> , 96, 809-11  |     | 59  |
| 1 | Fluorescein dynamics in the eye. <i>Documenta Ophthalmologica</i> , <b>1969</b> , 26, 61-72  | 2.2 | 37  |