

Jens Folke Kiilgaard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7685849/publications.pdf>

Version: 2024-02-01

115
papers

3,482
citations

136950

32
h-index

168389

53
g-index

116
all docs

116
docs citations

116
times ranked

4312
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Deep sequencing of uveal melanoma identifies a recurrent mutation in <i>PLCB4</i> . <i>Oncotarget</i> , 2016, 7, 4624-4631. | 1.8 | 235 |
| 2 | Comprehensive Study of the Clinical Phenotype of Germline <i>BAP1</i> Variant-Carrying Families Worldwide. <i>Journal of the National Cancer Institute</i> , 2018, 110, 1328-1341. | 6.3 | 164 |
| 3 | The genetic evolution of metastatic uveal melanoma. <i>Nature Genetics</i> , 2019, 51, 1123-1130. | 21.4 | 148 |
| 4 | Measurement of Cell Volume Changes by Fluorescence Self-Quenching. <i>Journal of Fluorescence</i> , 2002, 12, 139-145. | 2.5 | 145 |
| 5 | Melanopsin expressing human retinal ganglion cells: Subtypes, distribution, and intraretinal connectivity. <i>Journal of Comparative Neurology</i> , 2017, 525, 1934-1961. | 1.6 | 124 |
| 6 | A cryptic <i>BAP1</i> splice mutation in a family with uveal and cutaneous melanoma, and paraganglioma. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 815-818. | 3.3 | 109 |
| 7 | Age-Related Macular Degeneration. <i>Drugs and Aging</i> , 2002, 19, 101-133. | 2.7 | 98 |
| 8 | Progenitor Cells from the Porcine Neural Retina Express Photoreceptor Markers After Transplantation to the Subretinal Space of Alloreipients. <i>Stem Cells</i> , 2007, 25, 1222-1230. | 3.2 | 95 |
| 9 | Whole genome landscapes of uveal melanoma show an ultraviolet radiation signature in iris tumours. <i>Nature Communications</i> , 2020, 11, 2408. | 12.8 | 86 |
| 10 | Update on Simulation-Based Surgical Training and Assessment in Ophthalmology. <i>Ophthalmology</i> , 2015, 122, 1111-1130.e1. | 5.2 | 85 |
| 11 | A recurrent germline <i>BAP1</i> mutation and extension of the <i>BAP1</i> tumor predisposition spectrum to include basal cell carcinoma. <i>Clinical Genetics</i> , 2015, 88, 267-272. | 2.0 | 81 |
| 12 | The Prognostic Value of AJCC Staging in Uveal Melanoma Is Enhanced by Adding Chromosome 3 and 8q Status. , 2017, 58, 833. | | 77 |
| 13 | Optic nerve oxygenation. <i>Progress in Retinal and Eye Research</i> , 2005, 24, 307-332. | 15.5 | 75 |
| 14 | Cotransport of H ⁺ , lactate, and H ₂ O in porcine retinal pigment epithelial cells. <i>Experimental Eye Research</i> , 2003, 76, 493-504. | 2.6 | 72 |
| 15 | Retinal Progenitor Cell Xenografts to the Pig Retina. <i>JAMA Ophthalmology</i> , 2005, 123, 1385. | 2.4 | 62 |
| 16 | Simulation-based certification for cataract surgery. <i>Acta Ophthalmologica</i> , 2015, 93, 416-421. | 1.1 | 60 |
| 17 | A NATIONWIDE STUDY ON THE INCIDENCE OF RHEGMATOGENOUS RETINAL DETACHMENT IN DENMARK, WITH EMPHASIS ON THE RISK OF THE FELLOW EYE. <i>Retina</i> , 2014, 34, 1658-1665. | 1.7 | 57 |
| 18 | Carbonic anhydrase inhibition increases retinal oxygen tension and dilates retinal vessels. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2005, 243, 163-168. | 1.9 | 54 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The anterior lens capsule used as support material in RPE cell-transplantation. <i>Acta Ophthalmologica</i> , 2000, 78, 527-531. | 0.3 | 53 |
| 20 | Isolation of Progenitor Cells from GFP-Transgenic Pigs and Transplantation to the Retina of Alloreipients. <i>Cloning and Stem Cells</i> , 2008, 10, 391-402. | 2.6 | 51 |
| 21 | Bilateral diffuse uveal melanocytic proliferation: Case report and literature review. <i>Acta Ophthalmologica</i> , 2017, 95, 439-445. | 1.1 | 50 |
| 22 | The Pediatric Choroidal and Ciliary Body Melanoma Study. <i>Ophthalmology</i> , 2016, 123, 898-907. | 5.2 | 49 |
| 23 | Subretinal Posterior Pole Injury Induces Selective Proliferation of RPE Cells in the Periphery in In Vivo Studies in Pigs. , 2007, 48, 355. | | 45 |
| 24 | Toxicity profiles of subretinal indocyanine green, Brilliant Blue G, and triamcinolone acetonide: a comparative study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 669-677. | 1.9 | 45 |
| 25 | Optic nerve oxygen tension: effects of intraocular pressure and dorzolamide. <i>British Journal of Ophthalmology</i> , 2000, 84, 1045-1049. | 3.9 | 44 |
| 26 | The Prognostic Effect of American Joint Committee on Cancer Staging and Genetic Status in Patients With Choroidal and Ciliary Body Melanoma. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 438-444. | 3.3 | 41 |
| 27 | A new animal model of choroidal neovascularization. <i>Acta Ophthalmologica</i> , 2005, 83, 697-704. | 0.3 | 40 |
| 28 | The Ocular Consequences and Applicability of Minimally Invasive 25-Gauge Transvitreal Retinochoroidal Biopsy. <i>Ophthalmology</i> , 2013, 120, 2565-2572. | 5.2 | 39 |
| 29 | Transplantation of allogenic anterior lens capsule to the subretinal space in pigs. <i>Acta Ophthalmologica</i> , 2002, 80, 76-81. | 0.3 | 37 |
| 30 | Real-World Impact of Immune Checkpoint Inhibitors in Metastatic Uveal Melanoma. <i>Cancers</i> , 2019, 11, 1489. | 3.7 | 37 |
| 31 | Subretinal Implantation of Electrospun, Short Nanowire, and Smooth Poly(ϵ -CLT) in the Retina of Porcine Eyes. <i>Stem Cells International</i> . 2012, 2012, 1-8. | 2.5 | 36 |
| 32 | Retinal hemangioblastoma: prevalence, incidence and frequency of underlying von Hippel-Lindau disease. <i>British Journal of Ophthalmology</i> , 2018, 102, 942-947. | 3.9 | 36 |
| 33 | Delayed administration of glial cell line-derived neurotrophic factor (GDNF) protects retinal ganglion cells in a pig model of acute retinal ischemia. <i>Experimental Eye Research</i> , 2009, 89, 1012-1020. | 2.6 | 35 |
| 34 | Correlation between clinical and histological features in a pig model of choroidal neovascularization. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 394-398. | 1.9 | 34 |
| 35 | Cerebral migration of intraocular silicone oil: an MRI study. <i>Acta Ophthalmologica</i> , 2011, 89, 522-525. | 1.1 | 34 |
| 36 | Isolated hepatic perfusion as a treatment for uveal melanoma liver metastases (the SCANDIUM trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 317. | 1.6 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Retinal Progenitor Cell Xenografts to the Pig Retina: Immunological Reactions. <i>Cell Transplantation</i> , 2006, 15, 603-612. | 2.5 | 32 |
| 38 | The Small Fatal Choroidal Melanoma Study. A Survey by the European Ophthalmic Oncology Group. <i>American Journal of Ophthalmology</i> , 2019, 202, 100-108. | 3.3 | 32 |
| 39 | Is there interprocedural transfer of skills in intraocular surgery? A randomized controlled trial. <i>Acta Ophthalmologica</i> , 2017, 95, 845-851. | 1.1 | 30 |
| 40 | Transplantation of Amniotic Membrane to the Subretinal Space in Pigs. <i>Stem Cells International</i> , 2012, 2012, 1-5. | 2.5 | 29 |
| 41 | MicroRNA expression analysis and multiplex ligation-dependent probe amplification in metastatic and nonmetastatic uveal melanoma. <i>Acta Ophthalmologica</i> , 2014, 92, 541-549. | 1.1 | 29 |
| 42 | Growth of cultured porcine retinal pigment epithelial cells. <i>Acta Ophthalmologica</i> , 2003, 81, 170-176. | 0.3 | 27 |
| 43 | The multifocal electroretinogram (mfERG) in the pig. <i>Acta Ophthalmologica</i> , 2007, 85, 438-444. | 0.3 | 27 |
| 44 | Surgical induction of choroidal neovascularization in a porcine model. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 1189-1198. | 1.9 | 24 |
| 45 | Acute retinal ischemia caused by controlled low ocular perfusion pressure in a porcine model. Electrophysiological and histological characterisation. <i>Experimental Eye Research</i> , 2009, 88, 1100-1106. | 2.6 | 24 |
| 46 | Long-Term Metastatic Risk after Biopsy of Posterior Uveal Melanoma. <i>Ophthalmology</i> , 2018, 125, 1969-1976. | 5.2 | 24 |
| 47 | von Hippel-Lindau disease: Updated guideline for diagnosis and surveillance. <i>European Journal of Medical Genetics</i> , 2022, 65, 104538. | 1.3 | 23 |
| 48 | Dorzolamide Increases Retinal Oxygen Tension after Branch Retinal Vein Occlusion. , 2008, 49, 1136. | | 22 |
| 49 | Functional implications of short-term retinal detachment in porcine eyes: study by multifocal electroretinography. <i>Acta Ophthalmologica</i> , 2008, 86, 18-25. | 1.1 | 21 |
| 50 | Natural history of choroidal neovascularization after surgical induction in an animal model. <i>Acta Ophthalmologica</i> , 2008, 86, 495-503. | 1.1 | 21 |
| 51 | Outsourced cataract surgery and postoperative endophthalmitis. <i>Acta Ophthalmologica</i> , 2013, 91, 701-708. | 1.1 | 21 |
| 52 | Molecular Characterization of Melanoma Cases in Denmark Suspected of Genetic Predisposition. <i>PLoS ONE</i> , 2015, 10, e0122662. | 2.5 | 21 |
| 53 | Optic nerve pH and PO ₂ : the effects of carbonic anhydrase inhibition, and metabolic and respiratory acidosis. <i>Acta Ophthalmologica</i> , 2006, 84, 475-480. | 0.3 | 20 |
| 54 | Prevalence of Age-Related Maculopathy and Age-Related Macular Degeneration among the Inuit in Greenland. <i>Ophthalmology</i> , 2008, 115, 700-707.e1. | 5.2 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Predicting Visual Acuity Deterioration and Radiation-Induced Toxicities after Brachytherapy for Choroidal Melanomas. <i>Cancers</i> , 2019, 11, 1124. | 3.7 | 20 |
| 56 | The tolerance of anisometropia. <i>Acta Ophthalmologica</i> , 2020, 98, 418-426. | 1.1 | 20 |
| 57 | Transvitreal Retinochoroidal Biopsy Provides a Representative Sample From Choroidal Melanoma for Detection of Chromosome 3 Aberrations. , 2015, 56, 5917. | | 18 |
| 58 | Posterior uveal melanoma incidence and survival by AJCC tumour size in a 70-year nationwide cohort. <i>Acta Ophthalmologica</i> , 2021, 99, e1474-e1482. | 1.1 | 18 |
| 59 | An isotonic preparation of 1 mg/ml indocyanine green is not toxic to hyperconfluent ARPE19 cells, even after prolonged exposure. <i>Acta Ophthalmologica</i> , 2006, 84, 42-46. | 0.3 | 17 |
| 60 | Pharmacokinetics of intravitreal glial cell line-derived neurotrophic factor: Experimental studies in pigs. <i>Experimental Eye Research</i> , 2010, 91, 890-895. | 2.6 | 17 |
| 61 | Photoreceptor Differentiation following Transplantation of Allogeneic Retinal Progenitor Cells to the Dystrophic Rhodopsin Pro347Leu Transgenic Pig. <i>Stem Cells International</i> , 2012, 2012, 1-9. | 2.5 | 17 |
| 62 | Progression of foveola-on rhegmatogenous retinal detachment. <i>British Journal of Ophthalmology</i> , 2014, 98, 1534-1538. | 3.9 | 16 |
| 63 | Reoperation for rhegmatogenous retinal detachment as quality indicator for disease management: a register study. <i>Acta Ophthalmologica</i> , 2015, 93, 505-511. | 1.1 | 16 |
| 64 | Adrenal Suppression in Infants Treated with Topical Ocular Glucocorticoids. <i>Ophthalmology</i> , 2018, 125, 1638-1643. | 5.2 | 16 |
| 65 | The spatial resolution of the porcine multifocal electroretinogram for detection of laser-induced retinal lesions. <i>Acta Ophthalmologica</i> , 2008, 86, 786-793. | 1.1 | 15 |
| 66 | Genetic Biomarkers in Melanoma of the Ocular Region: What the Medical Oncologist Should Know. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5231. | 4.1 | 15 |
| 67 | Clinical and histological findings after intravitreal injection of bevacizumab (Avastin) in a porcine model of choroidal neovascularization. <i>Acta Ophthalmologica</i> , 2010, 88, 300-308. | 1.1 | 14 |
| 68 | Optic nerve oxygen tension: the effects of timolol and dorzolamide. <i>British Journal of Ophthalmology</i> , 2004, 88, 276-279. | 3.9 | 12 |
| 69 | Dose-Response and Normal Tissue Complication Probabilities after Proton Therapy for Choroidal Melanoma. <i>Ophthalmology</i> , 2021, 128, 152-161. | 5.2 | 12 |
| 70 | Xenotransplantation of Human Neural Progenitor Cells to the Subretinal Space of Nonimmunosuppressed Pigs. <i>Journal of Transplantation</i> , 2011, 2011, 1-6. | 0.5 | 11 |
| 71 | The effect of subretinal viscoelastics on the porcine retinal function. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 79-86. | 1.9 | 11 |
| 72 | Functional recovery after experimental RPE debridement, mfERG studies in a porcine model. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 2319-2325. | 1.9 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Spectrophotometric Retinal Oximetry in Pigs. , 2013, 54, 2746. | | 11 |
| 74 | COMPARATIVE EFFECTIVENESS OF PROTON BEAM VERSUS PHOTODYNAMIC THERAPY TO SPARE THE VISION IN CIRCUMSCRIBED CHOROIDAL HEMANGIOMA. <i>Retina</i> , 2021, 41, 277-286. | 1.7 | 11 |
| 75 | The Influence of Brightness on Functional Assessment by mfERG: A Study on Scaffolds Used in Retinal Cell Transplantation in Pigs. <i>Stem Cells International</i> , 2012, 2012, 1-7. | 2.5 | 10 |
| 76 | Indomethacin lowers optic nerve oxygen tension and reduces the effect of carbonic anhydrase inhibition and carbon dioxide breathing. <i>British Journal of Ophthalmology</i> , 2004, 88, 1088-1091. | 3.9 | 9 |
| 77 | Calcium-independent phospholipase A2 regulates retinal pigment epithelium proliferation and may be important in the pathogenesis of retinal diseases. <i>Experimental Eye Research</i> , 2009, 89, 383-391. | 2.6 | 9 |
| 78 | Bilateral endogenous <i>Fusarium solani</i> endophthalmitis in a liver-transplanted patient: a case report. <i>Journal of Medical Case Reports</i> , 2014, 8, 101. | 0.8 | 9 |
| 79 | Late surgical complications to endophthalmitis after cataract surgery in the post-EVS era. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 1255-1261. | 1.9 | 9 |
| 80 | Morphological features in eyes with endophthalmitis after cataract surgery – histopathology and optical coherence tomography assessment. <i>Acta Ophthalmologica</i> , 2016, 94, 26-30. | 1.1 | 9 |
| 81 | Tumour control probability after Ruthenium-106 brachytherapy for choroidal melanomas. <i>Acta Oncologica</i> , 2020, 59, 918-925. | 1.8 | 9 |
| 82 | Enhanced-Depth Imaging Optical Coherence Tomography of the Human Choroid In Vivo Compared With Histology After Enucleation. , 2016, 57, OCT371. | | 7 |
| 83 | Chronic ocular graft-versus-host disease after allogeneic haematopoietic stem cell transplantation in Denmark – Factors associated with risks and rates in adults according to conditioning regimen. <i>Bone Marrow Transplantation</i> , 2021, 56, 144-154. | 2.4 | 7 |
| 84 | Localization, distribution, and connectivity of neuropeptide Y in the human and porcine retinas – A comparative study. <i>Journal of Comparative Neurology</i> , 2018, 526, 1877-1895. | 1.6 | 6 |
| 85 | Neuropeptide Y treatment induces retinal vasoconstriction and causes functional and histological retinal damage in a porcine ischaemia model. <i>Acta Ophthalmologica</i> , 2018, 96, 812-820. | 1.1 | 6 |
| 86 | Association of Choroidal Effusion and Infusion of Daratumumab. <i>JAMA Ophthalmology</i> , 2019, 137, 853. | 2.5 | 6 |
| 87 | Measuring aniseikonia tolerance range for stereoacuity – a tool for the refractive surgeon. <i>Acta Ophthalmologica</i> , 2021, 99, e43-e53. | 1.1 | 6 |
| 88 | Isolated hepatic perfusion as a treatment for uveal melanoma liver metastases, first results from a phase III randomized controlled multicenter trial (the SCANDIUM trial).. <i>Journal of Clinical Oncology</i> , 2022, 40, LBA9509-LBA9509. | 1.6 | 6 |
| 89 | Loss of retinal tension and permanent decrease in retinal function: a new porcine model of rhegmatogenous retinal detachment. <i>Acta Ophthalmologica</i> , 2020, 98, 145-152. | 1.1 | 5 |
| 90 | Outcome Measures of New Technologies in Uveal Melanoma: Review from the European Vision Institute Special Interest Focus Group Meeting. <i>Ophthalmic Research</i> , 2023, 66, 14-26. | 1.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Nordic research in ophthalmology. <i>Acta Ophthalmologica</i> , 2003, 81, 556-566. | 0.3 | 4 |
| 92 | Repeated subretinal surgery and removal of subretinal decalin is well tolerated - evidence from a porcine model. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1749-1756. | 1.9 | 4 |
| 93 | Time-Dependent Decline in Multifocal Electroretinogram Requires Faster Recording Procedures in Anesthetized Pigs. <i>Translational Vision Science and Technology</i> , 2017, 6, 6. | 2.2 | 4 |
| 94 | Monocular and binocular end-points after epiretinal membrane surgery and their correlation to patient-reported outcomes. <i>Acta Ophthalmologica</i> , 2020, 98, 716-725. | 1.1 | 4 |
| 95 | Risk of New Primary Cancer in Patients with Posterior Uveal Melanoma: A National Cohort Study. <i>Cancers</i> , 2022, 14, 284. | 3.7 | 4 |
| 96 | Controlled Subretinal Injection Pressure Prevents Damage in Pigs. <i>Ophthalmologica</i> , 2022, 245, 285-294. | 1.9 | 4 |
| 97 | The Choroid and Optic Nerve Head. <i>Advances in Organ Biology</i> , 2005, 10, 273-290. | 0.1 | 3 |
| 98 | Effect of Glial Cell Line-Derived Neurotrophic Factor on Retinal Function after Experimental Branch Retinal Vein Occlusion. , 2012, 53, 6207. | | 3 |
| 99 | Ultrasonic mirror image from ruthenium plaque facilitates calculation of uveal melanoma treatment dose. <i>British Journal of Ophthalmology</i> , 2017, 101, 1206-1210. | 3.9 | 3 |
| 100 | Medical and surgical treatment of rhino-orbital-cerebral mucormycosis in a child with leukemia. <i>American Journal of Ophthalmology Case Reports</i> , 2021, 22, 101092. | 0.7 | 3 |
| 101 | Indomethacin decreases optic nerve oxygen tension by a mechanism other than cyclo-oxygenase inhibition. <i>British Journal of Ophthalmology</i> , 2008, 92, 126-130. | 3.9 | 2 |
| 102 | Correspondence to: Morphological features in eyes with endophthalmitis after cataract surgery – histopathology and optical coherence tomography assessment by Yolcu et Al.. <i>Acta Ophthalmologica</i> , 2017, 95, e73-e74. | 1.1 | 2 |
| 103 | No Severe Adverse Effects from Intravitreally Injected Putative Adipose Tissue-Derived Stem Cells. <i>Case Reports in Ophthalmological Medicine</i> , 2019, 2019, 1-3. | 0.5 | 2 |
| 104 | Ultra-widefield fundus photography for radiation therapy planning of ocular tumours. <i>Acta Ophthalmologica</i> , 2020, 98, e191-e196. | 1.1 | 2 |
| 105 | In Vivo Labeling and Tracking of Proliferating Corneal Endothelial Cells by 5-Ethynyl-2-Deoxyuridine in Rabbits. <i>Translational Vision Science and Technology</i> , 2021, 10, 7. | 2.2 | 2 |
| 106 | 3D image-guided treatment planning for Ruthenium-106 brachytherapy of choroidal melanomas. <i>Acta Ophthalmologica</i> , 2021, 99, e654-e660. | 1.1 | 2 |
| 107 | Immune Checkpoint Inhibitor Treatment and Ophthalmologist Consultations in Patients with Malignant Melanoma or Lung Cancer – A Nationwide Cohort Study. <i>Cancers</i> , 2022, 14, 49. | 3.7 | 2 |
| 108 | Bruch's membrane allows unhindered passage of up to 2µm latex beads in an in vivo porcine model. <i>Experimental Eye Research</i> , 2019, 180, 1-7. | 2.6 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Inconsistent distortion in ultra-widefield fundus image. <i>Acta Ophthalmologica</i> , 2019, 97, e326-e327. | 1.1 | 1 |
| 110 | Isolated Ocular Sarcoidosis Mimicking Ring Melanoma. <i>Ocular Oncology and Pathology</i> , 2020, 6, 180-183. | 1.0 | 1 |
| 111 | TCP and Dose Response after Brachytherapy for Choroidal Melanoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, e253. | 0.8 | 0 |
| 112 | Cover Image, Volume 526, Issue 12. <i>Journal of Comparative Neurology</i> , 2018, 526, C1-C1. | 1.6 | 0 |
| 113 | OC-0291: 3D image-guided treatment planning of Ru-106 brachytherapy for choroidal melanomas. <i>Radiotherapy and Oncology</i> , 2018, 127, S149-S150. | 0.6 | 0 |
| 114 | Vitreotomy-Assisted Biopsy: An in vitro Study on the Impact of Cut Rate and Probe Size. <i>Ocular Oncology and Pathology</i> , 2021, 7, 346-352. | 1.0 | 0 |
| 115 | Late Onset Retinoblastoma Presenting with Vitreous Haemorrhage. <i>Open Ophthalmology Journal</i> , 2012, 6, 23-25. | 0.2 | 0 |