

# Morten La Cour

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

3,477  
citations

117619

34  
h-index

149686

56  
g-index

96  
all docs

96  
docs citations

96  
times ranked

3507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence and causes of visual impairment and blindness among 9980 Scandinavian adults. <i>Ophthalmology</i> , 2004, 111, 53-61.	5.2	324
2	Aquaporins in complex tissues: distribution of aquaporins 1â€“5 in human and rat eye. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 274, C1332-C1345.	4.6	262
3	Operating Room Performance Improves after Proficiency-Based Virtual Reality Cataract Surgery Training. <i>Ophthalmology</i> , 2017, 124, 524-531.	5.2	166
4	14-Year Incidence, Progression, and Visual Morbidity of Age-Related Maculopathy The Copenhagen City Eye Study. <i>Ophthalmology</i> , 2005, 112, 787-798.	5.2	117
5	Risk factors for ageâ€related maculopathy in a 14â€year followâ€up study: the Copenhagen City Eye Study. <i>Acta Ophthalmologica</i> , 2005, 83, 409-418.	0.3	108
6	The prevalence and causes of bilateral and unilateral blindness in an elderly urban Danish population. The Copenhagen City Eye Study. <i>Acta Ophthalmologica</i> , 2001, 79, 441-449.	0.3	105
7	Age-Related Macular Degeneration. <i>Drugs and Aging</i> , 2002, 19, 101-133.	2.7	98
8	Update on Simulation-Based Surgical Training and Assessment in Ophthalmology. <i>Ophthalmology</i> , 2015, 122, 1111-1130.e1.	5.2	85
9	Neonatal Risk Factors for Treatment-Demanding Retinopathy of Prematurity. <i>Ophthalmology</i> , 2016, 123, 796-803.	5.2	78
10	Optic nerve oxygenation. <i>Progress in Retinal and Eye Research</i> , 2005, 24, 307-332.	15.5	75
11	Risk of Pseudophakic Retinal Detachment in 202â€%226 Patients Using the Fellow Nonoperated Eye as Reference. <i>Ophthalmology</i> , 2013, 120, 2573-2579.	5.2	74
12	Cotransport of H <sup>+</sup> , lactate, and H <sub>2</sub> O in porcine retinal pigment epithelial cells. <i>Experimental Eye Research</i> , 2003, 76, 493-504.	2.6	72
13	Longterm incidence of rhegmatogenous retinal detachment and survival in a defined population undergoing standardized phacoemulsification surgery. <i>Acta Ophthalmologica</i> , 2006, 84, 613-618.	0.3	62
14	High correlation between performance on a virtualâ€reality simulator and realâ€life cataract surgery. <i>Acta Ophthalmologica</i> , 2017, 95, 307-311.	1.1	61
15	Simulationâ€based certification for cataract surgery. <i>Acta Ophthalmologica</i> , 2015, 93, 416-421.	1.1	60
16	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
17	Refractive changes after vitrectomy and phacovitrectomy for macular hole and epiretinal membrane. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 942-947.	1.5	55
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

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19	Treatment for Retinopathy of Prematurity in Denmark in a Ten-Year Period (1996â€“2005): Is the Incidence Increasing?. <i>Pediatrics</i> , 2008, 121, 97-105.	2.1	54
20	The anterior lens capsule used as support material in RPE cell-transplantation. <i>Acta Ophthalmologica</i> , 2000, 78, 527-531.	0.3	53
21	Age-related maculopathy: A risk indicator for poorer survival in women. <i>Ophthalmology</i> , 2005, 112, 305-312.	5.2	53
22	Endothelial cell loss and refractive predictability in femtosecond laser-assisted cataract surgery compared with conventional cataract surgery. <i>Acta Ophthalmologica</i> , 2014, 92, 617-622.	1.1	50
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	The incidence of rhegmatogenous retinal detachment is increasing. <i>Acta Ophthalmologica</i> , 2020, 98, 603-606.	1.1	43
25	Experts do not agree when to treat retinopathy of prematurity based on plus disease. <i>British Journal of Ophthalmology</i> , 2012, 96, 549-553.	3.9	41
26	A new animal model of choroidal neovascularization. <i>Acta Ophthalmologica</i> , 2005, 83, 697-704.	0.3	40
27	Short-term effects of intravitreal triamcinolone on retinal vascular leakage and trunk vessel diameters in diabetic macular oedema. <i>Acta Ophthalmologica</i> , 2006, 85, 21-26.	0.3	40
28	Danish Rural Eye Study: the association of preschool vision screening with the prevalence of amblyopia. <i>Acta Ophthalmologica</i> , 2015, 93, 322-329.	1.1	40
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	Epiretinal membrane surgery: an analysis of 2-step sequential or combined phacovitrectomy surgery on refraction and macular anatomy in a prospective trial. <i>Acta Ophthalmologica</i> , 2018, 96, 243-250.	1.1	37
31	NONSUPINE POSITIONING IN MACULAR HOLE SURGERY. <i>Retina</i> , 2016, 36, 2072-2079.	1.7	36
32	Correlation of virtual reality performance with real-life cataract surgery performance. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1246-1251.	1.5	36
33	Cl <sup>-</sup> transport in frog retinal pigment epithelium. <i>Experimental Eye Research</i> , 1992, 54, 921-931.	2.6	35
34	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
35	Bcl-2, Bax, and c-Fos expression correlates to RPE cell apoptosis induced by UV-light and daunorubicin. <i>Current Eye Research</i> , 2000, 20, 25-34.	1.5	34
36	Bilateral endogenous bacterial endophthalmitis: a report of four cases. <i>Acta Ophthalmologica</i> , 2004, 82, 306-310.	0.3	34

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37	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
38	Proteomic analysis of human vitreous associated with idiopathic epiretinal membrane. <i>Acta Ophthalmologica</i> , 2013, 91, e333-4.	1.1	32
39	Face-down positioning versus non-supine positioning in macular hole surgery. <i>British Journal of Ophthalmology</i> , 2015, 99, 236-239.	3.9	32
40	Epidemiology of 411140 cataract operations performed in public hospitals and private hospitals/clinics in Denmark between 2004 and 2012. <i>Acta Ophthalmologica</i> , 2015, 93, 16-23.	1.1	31
41	59 eyes with endogenous endophthalmitis causes, outcomes and mortality in a Danish population between 2000 and 2016. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 2023-2027.	1.9	31
42	Is there interprocedural transfer of skills in intraocular surgery? A randomized controlled trial. <i>Acta Ophthalmologica</i> , 2017, 95, 845-851.	1.1	30
43	Phacoemulsification cataract surgery in a large cohort of diabetes patients: Visual acuity outcomes and prognostic factors. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 2006-2012.	1.5	29
44	Transplantation of Amniotic Membrane to the Subretinal Space in Pigs. <i>Stem Cells International</i> , 2012, 2012, 1-5.	2.5	29
45	Growth of cultured porcine retinal pigment epithelial cells. <i>Acta Ophthalmologica</i> , 2003, 81, 170-176.	0.3	27
46	The multifocal electroretinogram (mfERG) in the pig. <i>Acta Ophthalmologica</i> , 2007, 85, 438-444.	0.3	27
47	Comparison of refractive predictability and endothelial cell loss in femtosecond laser-assisted cataract surgery and conventional phaco surgery: prospective randomised trial with 6 months of follow-up. <i>BMJ Open Ophthalmology</i> , 2019, 4, e000233.	1.6	26
48	Transport of protons and lactate in cultured human fetal retinal pigment epithelial cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 440, 84-92.	2.8	24
49	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
50	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
51	Dorzolamide Increases Retinal Oxygen Tension after Branch Retinal Vein Occlusion. , 2008, 49, 1136.		22
52	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
53	Natural history of choroidal neovascularization after surgical induction in an animal model. <i>Acta Ophthalmologica</i> , 2008, 86, 495-503.	1.1	21
54	Outsourced cataract surgery and postoperative endophthalmitis. <i>Acta Ophthalmologica</i> , 2013, 91, 701-708.	1.1	21

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55	Optic nerve pH and PO <sub>2</sub> : the effects of carbonic anhydrase inhibition, and metabolic and respiratory acidosis. <i>Acta Ophthalmologica</i> , 2006, 84, 475-480.	0.3	20
56	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
57	ROBOT-ASSISTED VITREORETINAL SURGERY IMPROVES SURGICAL ACCURACY COMPARED WITH MANUAL SURGERY. <i>Retina</i> , 2020, 40, 2091-2098.	1.7	20
58	A New Risk-Based Screening Criterion for Treatment-Demanding Retinopathy of Prematurity in Denmark. <i>Pediatrics</i> , 2011, 127, e598-e606.	2.1	18
59	An isotonic preparation of 1â€¦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	Intravitreal VEGF-inhibitors: is AvastinÂ® a generic substitute for LucentisÂ®?. <i>Acta Ophthalmologica</i> , 2007, 85, 2-4.	0.3	17
61	Electrophysiological Consequences of Experimental Branch Retinal Vein Occlusion in Pigs and the Effect of Dorzolamide. , 2011, 52, 952.		16
62	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
63	Protein changes in the retina following experimental retinal detachment in rabbits. <i>Molecular Vision</i> , 2011, 17, 2634-48.	1.1	16
64	Pharmacokinetics of intravitreal 5-fluorouracil prodrugs in silicone oil: experimental studies in pigs. <i>Acta Ophthalmologica</i> , 2005, 83, 184-190.	0.3	15
65	The spatial resolution of the porcine multifocal electroretinogram for detection of laserâ€¦induced retinal lesions. <i>Acta Ophthalmologica</i> , 2008, 86, 786-793.	1.1	15
66	Clinical and histological findings after intravitreal injection of bevacizumab (Avastin<sup>Â®</sup>) in a porcine model of choroidal neovascularization. <i>Acta Ophthalmologica</i> , 2010, 88, 300-308.	1.1	14
67	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
68	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
69	GAS-FOVEAL CONTACT. <i>Retina</i> , 2018, 38, 913-921.	1.7	10
70	ACTAâ€¦EVER lecture 2007 The retinal pigment epithelium: friend or foe?. <i>Acta Ophthalmologica</i> , 2008, 86, 593-597.	1.1	8
71	Comparing corneal outcome between femtosecond laser-assisted cataract surgery and conventional phaco surgery in Fuchsâ€™ endothelial dystrophy patients: a randomized pilot study with 6mo follow up. <i>International Journal of Ophthalmology</i> , 2021, 14, 684-692.	1.1	8
72	The Retinal Pigment Epithelium. <i>Advances in Organ Biology</i> , 2005, , 253-272.	0.1	7

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73	Aquaporin-1 Expression in Retinal Pigment Epithelial Cells Overlying Retinal Drusen. <i>Ophthalmic Research</i> , 2016, 55, 180-184.	1.9	7
74	Predicting Postoperative Vision for Macular Hole with Automated Image Analysis. <i>Ophthalmology Retina</i> , 2020, 4, 1211-1213.	2.4	7
75	Proteomic Analysis of the Vitreous following Experimental Retinal Detachment in Rabbits. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-9.	1.3	6
76	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
77	An evaluation of fundus photography and fundus autofluorescence in the diagnosis of cuticular drusen. <i>British Journal of Ophthalmology</i> , 2016, 100, 378-382.	3.9	5
78	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
79	Nordic research in ophthalmology. <i>Acta Ophthalmologica</i> , 2003, 81, 556-566.	0.3	4
80	Water homeostasis in the ischaemic retina: is aquaporin-4 involved?. <i>Acta Ophthalmologica</i> , 2005, 83, 523-525.	0.3	4
81	A Prospective Study on the Clinical and Microbiological Spectrum of Endophthalmitis in a Specific Region in Denmark. <i>Ophthalmologica</i> , 2016, 235, 26-33.	1.9	4
82	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
83	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
84	Effect of Glial Cell Line-Derived Neurotrophic Factor on Retinal Function after Experimental Branch Retinal Vein Occlusion. , 2012, 53, 6207.		3
85	Nordic research in ophthalmology. <i>Acta Ophthalmologica</i> , 2005, 83, 278-288.	0.3	2
86	Rhegmatogenous retinal detachment: are we making progress?. <i>Acta Ophthalmologica</i> , 2006, 84, 595-596.	0.3	2
87	Effect of acute postural variation on diabetic macular oedema. <i>Acta Ophthalmologica</i> , 2010, 88, 174-180.	1.1	2
88	Is visual acuity non-inferior in full-thickness macular holes treated with ocriplasmin?. <i>Acta Ophthalmologica</i> , 2016, 94, e166-e167.	1.1	2
89	Refractive outcome after pars plana vitrectomy for macular hole in pseudophakic eyes. <i>Acta Ophthalmologica</i> , 2018, 96, e92-e93.	1.1	2
90	Subretinal Saline Protects the Neuroretina From Thermic Damage During Laser Induction of Experimental Choroidal Neovascularization in Pigs. <i>Translational Vision Science and Technology</i> , 2021, 10, 29.	2.2	2

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91	The risk for developing vision-threatening retinopathy after cataract surgery in diabetic patients depends on the postoperative follow-up time. <i>Acta Ophthalmologica</i> , 2022, 100, .	1.1	2
92	Photodynamic therapy for AMD: smaller is better!. <i>Acta Ophthalmologica</i> , 2004, 82, 641-642.	0.3	1
93	Author reply. <i>Ophthalmology</i> , 2014, 121, e33.	5.2	1
94	Bruch's membrane allows unhindered passage of up to 2¼m latex beads in an in vivo porcine model. <i>Experimental Eye Research</i> , 2019, 180, 1-7.	2.6	1
95	Defining the surgical footprint in cataract surgery: patient-related outcomes dependent on the experience of the surgeon. <i>Acta Ophthalmologica</i> , 2021, 99, e999-e1005.	1.1	1
96	Reply. <i>Retina</i> , 2017, 37, e56.	1.7	0