

Morten La Cour

List of Publications by Citations

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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.

94
papers

2,715
citations

30
h-index

49
g-index

96
ext. papers

3,063
ext. citations

4.3
avg, IF

4.96
L-index

#	Paper	IF	Citations
94	Prevalence and causes of visual impairment and blindness among 9980 Scandinavian adults: the Copenhagen City Eye Study. <i>Ophthalmology</i> , 2004 , 111, 53-61	7.3	281
93	Aquaporins in complex tissues: distribution of aquaporins 1-5 in human and rat eye. <i>American Journal of Physiology - Cell Physiology</i> , 1998 , 274, C1332-45	5.4	226
92	Operating Room Performance Improves after Proficiency-Based Virtual Reality Cataract Surgery Training. <i>Ophthalmology</i> , 2017 , 124, 524-531	7.3	111
91	14-year incidence, progression, and visual morbidity of age-related maculopathy: the Copenhagen City Eye Study. <i>Ophthalmology</i> , 2005 , 112, 787-98	7.3	107
90	Age-related macular degeneration: epidemiology and optimal treatment. <i>Drugs and Aging</i> , 2002 , 19, 101-33	4.7	85
89	Risk factors for age-related maculopathy in a 14-year follow-up study: the Copenhagen City Eye Study. <i>Acta Ophthalmologica</i> , 2005 , 83, 409-18		81
88	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, 441-9		80
87	Cotransport of H ⁺ , lactate, and H ₂ O in porcine retinal pigment epithelial cells. <i>Experimental Eye Research</i> , 2003 , 76, 493-504	3.7	67
86	Optic nerve oxygenation. <i>Progress in Retinal and Eye Research</i> , 2005 , 24, 307-32	20.5	65
85	Update on simulation-based surgical training and assessment in ophthalmology: a systematic review. <i>Ophthalmology</i> , 2015 , 122, 1111-1130.e1	7.3	62
84	Neonatal Risk Factors for Treatment-Demanding Retinopathy of Prematurity: A Danish National Study. <i>Ophthalmology</i> , 2016 , 123, 796-803	7.3	52
83	Age-related maculopathy: a risk indicator for poorer survival in women: the Copenhagen City Eye Study. <i>Ophthalmology</i> , 2005 , 112, 305-12	7.3	47
82	Simulation-based certification for cataract surgery. <i>Acta Ophthalmologica</i> , 2015 , 93, 416-21	3.7	46
81	Longterm incidence of rhegmatogenous retinal detachment and survival in a defined population undergoing standardized phacoemulsification surgery. <i>Acta Ophthalmologica</i> , 2006 , 84, 613-8		46
80	Endothelial cell loss and refractive predictability in femtosecond laser-assisted cataract surgery compared with conventional cataract surgery. <i>Acta Ophthalmologica</i> , 2014 , 92, 617-22	3.7	45
79	Risk of pseudophakic retinal detachment in 202,226 patients using the fellow nonoperated eye as reference. <i>Ophthalmology</i> , 2013 , 120, 2573-2579	7.3	45
78	Treatment for retinopathy of prematurity in Denmark in a ten-year period (1996 2005): is the incidence increasing?. <i>Pediatrics</i> , 2008 , 121, 97-105	7.4	45

77	The anterior lens capsule used as support material in RPE cell-transplantation. <i>Acta Ophthalmologica</i> , 2000 , 78, 527-31		41
76	High correlation between performance on a virtual-reality simulator and real-life cataract surgery. <i>Acta Ophthalmologica</i> , 2017 , 95, 307-311	3.7	40
75	Refractive changes after vitrectomy and phacovitrectomy for macular hole and epiretinal membrane. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 942-7	2.3	40
74	Subretinal posterior pole injury induces selective proliferation of RPE cells in the periphery in vivo studies in pigs. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 355-60		40
73	Carbonic anhydrase inhibition increases retinal oxygen tension and dilates retinal vessels. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2005 , 243, 163-8	3.8	38
72	Short-term effects of intravitreal triamcinolone on retinal vascular leakage and trunk vessel diameters in diabetic macular oedema. <i>Acta Ophthalmologica</i> , 2007 , 85, 21-6		35
71	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, 1658-65	3.6	33
70	Experts do not agree when to treat retinopathy of prematurity based on plus disease. <i>British Journal of Ophthalmology</i> , 2012 , 96, 549-53	5.5	33
69	Transplantation of allogenic anterior lens capsule to the subretinal space in pigs. <i>Acta Ophthalmologica</i> , 2002 , 80, 76-81		33
68	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, 1012-20	3.7	32
67	A new animal model of choroidal neovascularization. <i>Acta Ophthalmologica</i> , 2005 , 83, 697-704		31
66	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	2.9	31
65	Cl ⁻ transport in frog retinal pigment epithelium. <i>Experimental Eye Research</i> , 1992 , 54, 921-31	3.7	31
64	Danish Rural Eye Study: the association of preschool vision screening with the prevalence of amblyopia. <i>Acta Ophthalmologica</i> , 2015 , 93, 322-9	3.7	30
63	Correlation between clinical and histological features in a pig model of choroidal neovascularization. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2006 , 244, 394-8	3.8	30
62	Bilateral endogenous bacterial endophthalmitis: a report of four cases. <i>Acta Ophthalmologica</i> , 2004 , 82, 306-10		28
61	Face-down positioning versus non-supine positioning in macular hole surgery. <i>British Journal of Ophthalmology</i> , 2015 , 99, 236-9	5.5	27
60	Proteomic analysis of human vitreous associated with idiopathic epiretinal membrane. <i>Acta Ophthalmologica</i> , 2013 , 91, e333-4	3.7	26

59	NONSUPINE POSITIONING IN MACULAR HOLE SURGERY: A Noninferiority Randomized Clinical Trial. <i>Retina</i> , 2016 , 36, 2072-2079	3.6	26
58	Epidemiology of 411 140 cataract operations performed in public hospitals and private hospitals/clinics in Denmark between 2004 and 2012. <i>Acta Ophthalmologica</i> , 2015 , 93, 16-23	3.7	24
57	Correlation of virtual reality performance with real-life cataract surgery performance. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 1246-1251	2.3	24
56	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, 1100-6	3.7	24
55	The multifocal electroretinogram (mfERG) in the pig. <i>Acta Ophthalmologica</i> , 2007 , 85, 438-44		24
54	Is there inter-procedural transfer of skills in intraocular surgery? A randomized controlled trial. <i>Acta Ophthalmologica</i> , 2017 , 95, 845-851	3.7	22
53	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	3.7	22
52	Surgical induction of choroidal neovascularization in a porcine model. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2007 , 245, 1189-98	3.8	22
51	Growth of cultured porcine retinal pigment epithelial cells. <i>Acta Ophthalmologica</i> , 2003 , 81, 170-6		22
50	Transplantation of amniotic membrane to the subretinal space in pigs. <i>Stem Cells International</i> , 2012 , 2012, 716968	5	21
49	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	4.6	21
48	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, 2006-12	2.3	20
47	Dorzolamide increases retinal oxygen tension after branch retinal vein occlusion. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 1136-41		19
46	59 eyes with endogenous endophthalmitis- causes, outcomes and mortality in a Danish population between 2000 and 2016. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 2023-2027	2.8	18
45	Prevalence of age-related maculopathy and age-related macular degeneration among the inuit in Greenland. The Greenland Inuit Eye Study. <i>Ophthalmology</i> , 2008 , 115, 700-707.e1	7.3	18
44	Functional implications of short-term retinal detachment in porcine eyes: study by multifocal electroretinography. <i>Acta Ophthalmologica</i> , 2008 , 86, 18-25	3.7	17
43	Natural history of choroidal neovascularization after surgical induction in an animal model. <i>Acta Ophthalmologica</i> , 2008 , 86, 495-503	3.7	17
42	Electrophysiological consequences of experimental branch retinal vein occlusion in pigs and the effect of dorzolamide 2011 , 52, 952-8		15

41	A new risk-based screening criterion for treatment-demanding retinopathy of prematurity in Denmark. <i>Pediatrics</i> , 2011 , 127, e598-606	7.4	15
40	Protein changes in the retina following experimental retinal detachment in rabbits. <i>Molecular Vision</i> , 2011 , 17, 2634-48	2.3	15
39	Outsourced cataract surgery and postoperative endophthalmitis. <i>Acta Ophthalmologica</i> , 2013 , 91, 701-83.7	8.3	14
38	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	3.2	13
37	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, 42-6		13
36	Optic nerve pH and PO ₂ : the effects of carbonic anhydrase inhibition, and metabolic and respiratory acidosis. <i>Acta Ophthalmologica</i> , 2006 , 84, 475-80		13
35	The incidence of rhegmatogenous retinal detachment is increasing. <i>Acta Ophthalmologica</i> , 2020 , 98, 603-606	3.7	12
34	Clinical and histological findings after intravitreal injection of bevacizumab (Avastin) in a porcine model of choroidal neovascularization. <i>Acta Ophthalmologica</i> , 2010 , 88, 300-8	3.7	12
33	The effect of subretinal viscoelastics on the porcine retinal function. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2012 , 250, 79-86	3.8	11
32	Reoperation for rhegmatogenous retinal detachment as quality indicator for disease management: a register study. <i>Acta Ophthalmologica</i> , 2015 , 93, 505-11	3.7	11
31	Pharmacokinetics of intravitreal 5-fluorouracil prodrugs in silicone oil: experimental studies in pigs. <i>Acta Ophthalmologica</i> , 2005 , 83, 184-90		11
30	Functional recovery after experimental RPE debridement, mfERG studies in a porcine model. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2013 , 251, 2319-25	3.8	10
29	The spatial resolution of the porcine multifocal electroretinogram for detection of laser-induced retinal lesions. <i>Acta Ophthalmologica</i> , 2008 , 86, 786-93	3.7	9
28	ACTA-EVER lecture 2007. The retinal pigment epithelium: friend or foe?. <i>Acta Ophthalmologica</i> , 2008 , 86, 593-7	3.7	8
27	ROBOT-ASSISTED VITREORETINAL SURGERY IMPROVES SURGICAL ACCURACY COMPARED WITH MANUAL SURGERY: A Randomized Trial in a Simulated Setting. <i>Retina</i> , 2020 , 40, 2091-2098	3.6	8
26	Aquaporin-1 Expression in Retinal Pigment Epithelial Cells Overlying Retinal Drusen. <i>Ophthalmic Research</i> , 2016 , 55, 180-4	2.9	7
25	Proteomic Analysis of the Vitreous following Experimental Retinal Detachment in Rabbits. <i>Journal of Ophthalmology</i> , 2015 , 2015, 583040	2	5
24	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	3.7	5

23	An evaluation of fundus photography and fundus autofluorescence in the diagnosis of cuticular drusen. <i>British Journal of Ophthalmology</i> , 2016 , 100, 378-82	5.5	4
22	GAS-FOVEAL CONTACT: A New Approach to Evaluating Positioning Regimens in Macular Hole Surgery. <i>Retina</i> , 2018 , 38, 913-921	3.6	4
21	Repeated subretinal surgery and removal of subretinal decalin is well tolerated - evidence from a porcine model. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 1749-1756	3.8	3
20	Predicting Postoperative Vision for Macular Hole with Automated Image Analysis. <i>Ophthalmology Retina</i> , 2020 , 4, 1211-1213	3.8	3
19	Time-Dependent Decline in Multifocal Electroretinogram Requires Faster Recording Procedures in Anesthetized Pigs. <i>Translational Vision Science and Technology</i> , 2017 , 6, 6	3.3	3
18	A Prospective Study on the Clinical and Microbiological Spectrum of Endophthalmitis in a Specific Region in Denmark. <i>Ophthalmologica</i> , 2016 , 235, 26-33	3.7	3
17	Effect of glial cell line-derived neurotrophic factor on retinal function after experimental branch retinal vein occlusion 2012 , 53, 6207-13		3
16	The Retinal Pigment Epithelium. <i>Advances in Organ Biology</i> , 2005 , 253-272		3
15	Water homeostasis in the ischaemic retina: is aquaporin-4 involved?. <i>Acta Ophthalmologica</i> , 2005 , 83, 523-5		3
14	Effect of acute postural variation on diabetic macular oedema. <i>Acta Ophthalmologica</i> , 2010 , 88, 174-80	3.7	2
13	Rhegmatogenous retinal detachment: are we making progress?. <i>Acta Ophthalmologica</i> , 2006 , 84, 595-6		2
12	Nordic research in ophthalmology. <i>Acta Ophthalmologica</i> , 2003 , 81, 556-66		2
11	Comparing corneal outcome between femtosecond laser-assisted cataract surgery and conventional phaco surgery in Fuchs endothelial dystrophy patients: a randomized pilot study with 6mo follow up. <i>International Journal of Ophthalmology</i> , 2021 , 14, 684-692	1.4	2
10	Refractive outcome after pars plana vitrectomy for macular hole in pseudophakic eyes. <i>Acta Ophthalmologica</i> , 2018 , 96, e92-e93	3.7	1
9	Author reply: To PMID 24021894. <i>Ophthalmology</i> , 2014 , 121, e33	7.3	1
8	Nordic research in ophthalmology. <i>Acta Ophthalmologica</i> , 2005 , 83, 278-88		1
7	Is visual acuity non-inferior in full-thickness macular holes treated with ocriplasmin?. <i>Acta Ophthalmologica</i> , 2016 , 94, e166-7	3.7	1
6	Bruch's membrane allows unhindered passage of up to 2 μm latex beads in an in vivo porcine model. <i>Experimental Eye Research</i> , 2019 , 180, 1-7	3.7	1

5	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	3.7	1
4	The risk for developing vision-threatening retinopathy after cataract surgery in diabetic patients depends on the postoperative follow-up time. <i>Acta Ophthalmologica</i> , 2021 ,	3.7	1
3	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	3.7	0
2	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	3.3	0
1	Reply. <i>Retina</i> , 2017 , 37, e56	3.6	