

# Robert Laemmer

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,378  
citations

567281

15  
h-index

454955

30  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinal Nerve Fiber Layer Thickness in Normals Measured by Spectral Domain OCT. Journal of Glaucoma, 2010, 19, 475-482.	1.6	178
2	Automated segmentation of the optic nerve head for diagnosis of glaucoma. Medical Image Analysis, 2005, 9, 297-314.	11.6	143
3	Measuring contrast sensitivity in normal subjects with OPTECA® 6500: influence of age and glare. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 1805-1814.	1.9	114
4	Association of <i>LOXL1</i> Common Sequence Variants in German and Italian Patients with Pseudoexfoliation Syndrome and Pseudoexfoliation Glaucoma. , 2008, 49, 1459.		114
5	Correlation between Local Glaucomatous Visual Field Defects and Loss of Nerve Fiber Layer Thickness Measured with Polarimetry and Spectral Domain OCT. , 2009, 50, 1971.		83
6	Comparison of Bruch's Membrane Opening Minimum Rim Width and Peripapillary Retinal Nerve Fiber Layer Thickness in Early Glaucoma Assessment. , 2016, 57, OCT575.		82
7	Longitudinal Analysis of Progression in Glaucoma Using Spectral-Domain Optical Coherence Tomography. , 2013, 54, 3613.		65
8	MIGS: therapeutic success of combined Xen Gel Stent implantation with cataract surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 621-625.	1.9	53
9	Long COVID: Association of Functional Autoantibodies against G-Protein-Coupled Receptors with an Impaired Retinal Microcirculation. International Journal of Molecular Sciences, 2022, 23, 7209.	4.1	39
10	Case Report: Neutralization of Autoantibodies Targeting G-Protein-Coupled Receptors Improves Capillary Impairment and Fatigue Symptoms After COVID-19 Infection. Frontiers in Medicine, 2021, 8, 754667.	2.6	38
11	On- and off-response ERGs elicited by sawtooth stimuli in normal subjects and glaucoma patients. Documenta Ophthalmologica, 2012, 124, 237-248.	2.2	28
12	Thickness related textural properties of retinal nerve fiber layer in color fundus images. Computerized Medical Imaging and Graphics, 2014, 38, 508-516.	5.8	27
13	ICE-Syndrome: A Case Report of Implantation of a Microbypass Xen Gel Stent After DMEK Transplantation. Journal of Glaucoma, 2017, 26, e103-e104.	1.6	27
14	Baseline Magnetic Resonance Imaging of the Optic Nerve Provides Limited Predictive Information on Short-Term Recovery after Acute Optic Neuritis. PLoS ONE, 2015, 10, e0113961.	2.5	21
15	Comparison of Scanning Laser Polarimetry and Optical Coherence Tomography in Quantitative Retinal Nerve Fiber Assessment. Journal of Glaucoma, 2010, 19, 83-94.	1.6	20
16	Visualization of Changes of the Iris Configuration After Peripheral Laser Iridotomy in Primary Melanin Dispersion Syndrome Using Optical Coherence Tomography. Journal of Glaucoma, 2008, 17, 569-570.	1.6	17
17	Precision of Optic Nerve Head and Retinal Nerve Fiber Layer Parameter Measurements by Spectral-domain Optical Coherence Tomography. Journal of Glaucoma, 2018, 27, 407-414.	1.6	17
18	Combined Evaluation of Frequency Doubling Technology Perimetry and Scanning Laser Ophthalmoscopy for Glaucoma Detection Using Automated Classification. Journal of Glaucoma, 2012, 21, 27-34.	1.6	16

#	ARTICLE	IF	CITATIONS
19	The Effect of Long-term Antiglaucomatous Drug Administration on Central Corneal Thickness. <i>Journal of Glaucoma</i> , 2016, 25, 274-280.	1.6	16
20	Influence of Glaucomatous Damage and Optic Disc Size on Glaucoma Detection by Scanning Laser Tomography. <i>Journal of Glaucoma</i> , 2009, 18, 385-389.	1.6	15
21	Structural changes of macular inner retinal layers in early normal-tension and high-tension glaucoma by spectral-domain optical coherence tomography. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1245-1256.	1.9	15
22	Measurement of autofluorescence in the parapapillary atrophic zone in patients with ocular hypertension. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 245, 51-58.	1.9	14
23	Quantification of Neuroretinal Rim Loss Using Digital Planimetry in Long-term Follow-up of Normals and Patients With Ocular Hypertension. <i>Journal of Glaucoma</i> , 2007, 16, 430-436.	1.6	14
24	Perimetric Measurements With Flicker-Defined Form Stimulation in Comparison With Conventional Perimetry and Retinal Nerve Fiber Measurements. , 2014, 55, 2317.		14
25	Can Glaucomatous Visual Field Progression be Predicted by Structural and Functional Measures?. <i>Journal of Glaucoma</i> , 2017, 26, 373-382.	1.6	13
26	Short-term fluctuation of intraocular pressure is higher in patients with pseudoexfoliation syndrome despite similar mean intraocular pressure: a retrospective caseâ€“control study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 107-114.	1.9	12
27	Comparison of frequency doubling and flicker defined form perimetry in early glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 937-946.	1.9	12
28	Glaucoma Diagnostic Performance of GDxVCC and Spectralis OCT on Eyes With Atypical Retardation Pattern. <i>Journal of Glaucoma</i> , 2013, 22, 317-324.	1.6	11
29	Autoantibodies Activating the $\beta_2$ -Adrenergic Receptor Characterize Patients With Primary and Secondary Glaucoma. <i>Frontiers in Immunology</i> , 2019, 10, 2112.	4.8	11
30	Detection of nerve fiber atrophy in apparently effectively treated papilledema in idiopathic intracranial hypertension. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 1787-1793.	1.9	10
31	Morphologic and functional glaucomatous change after occurrence of single or recurrent optic disc hemorrhages. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 1683-1684.	1.9	10
32	Analysis of Visual Appearance of Retinal Nerve Fibers in High Resolution Fundus Images: A Study on Normal Subjects. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-10.	1.3	10
33	Glaucoma classification in 3 x 3 mm en face macular scans using deep learning in different plexus. <i>Biomedical Optics Express</i> , 2021, 12, 7434.	2.9	9
34	Predicted and Measured Retinal Nerve Fiber Layer Thickness From Time-Domain Optical Coherence Tomography Compared With Spectral-Domain Optical Coherence Tomography. <i>JAMA Ophthalmology</i> , 2015, 133, 1135.	2.5	8
35	Confocal Laser Scanning Tomography to Predict Visual Field Conversion in Patients With Ocular Hypertension and Early Glaucoma. <i>Journal of Glaucoma</i> , 2016, 25, 371-376.	1.6	8
36	Agonistic autoantibodies against $\beta_2$ -adrenergic receptor influence retinal microcirculation in glaucoma suspects and patients. <i>PLoS ONE</i> , 2021, 16, e0249202.	2.5	8

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37	Influence of optic disc size on parameters of retinal nerve fiber analysis with laser scanning polarimetry. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 603-608.	1.9	7
38	Erlanger Glaucoma Registry: Effect of a Long-Term Therapy with Statins and Acetyl Salicylic Acid on Glaucoma Conversion and Progression. <i>Biology</i> , 2021, 10, 538.	2.8	6
39	Agonistic $\beta$ 2-Adrenergic Receptor Autoantibodies Characterize the Aqueous Humor of Patients With Primary and Secondary Open-Angle Glaucoma. <i>Frontiers in Immunology</i> , 2021, 12, 550236.	4.8	5
40	Inhibitory and Agonistic Autoantibodies Directed Against the $\beta$ 2-Adrenergic Receptor in Pseudoexfoliation Syndrome and Glaucoma. <i>Frontiers in Neuroscience</i> , 2021, 15, 676579.	2.8	5
41	Atypical Retardation Patterns in Scanning Laser Polarimetry Are Associated with Low Peripapillary Choroidal Thickness. , 2011, 52, 7523.		4
42	Summation of Temporal L-Cone- and M-Cone-Contrast in the Magno- and Parvocellular Retino-Geniculate Systems in Glaucoma. , 2021, 62, 17.		4
43	Automated Segmentation of the Optic Nerve Head for Glaucoma Diagnosis. <i>Informatik Aktuell</i> , 2003, , 338-342.	0.6	4
44	Influence of Mitomycin C on the Therapeutic Success of Stand-Alone Xen45 Gel Stents and Its Combination with Cataract Surgery in Open-Angle Glaucoma Patients. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2021, 238, 861-867.	0.5	3
45	Semiautomatic Detection and Evaluation of Autofluorescent Areas in Retinal Images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 3327-30.	0.5	2
46	In Response:. <i>Journal of Glaucoma</i> , 2010, 19, 222-224.	1.6	2
47	Retinal imaging and axonal degeneration in later onset multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2016, 370, 1-6.	0.6	2
48	Predictive Factors for Visual Field Conversion. <i>Journal of Glaucoma</i> , 2018, 27, 157-163.	1.6	2
49	Germany: Longitudinal analysis of intraocular pressure in healthy eyes. <i>Cogent Medicine</i> , 2020, 7, .	0.7	2
50	Blueâ€“Yellow VEP with Projector-Stimulation in Glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, , 1.	1.9	2
51	Longitudinal stability of the diurnal rhythm of intraocular pressure in subjects with healthy eyes, ocular hypertension and pigment dispersion syndrome. <i>BMC Ophthalmology</i> , 2014, 14, 122.	1.4	1
52	Serum Selenium Levels in Glaucoma: a Pilot Study. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2022, 239, 326-330.	0.5	1
53	Two-Year Follow-Up: Therapeutic Success with Respect to Axial Length of Stand-Alone Xen45 Gel Stent Implantation and Combined Procedures. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2021, 238, 1240-1247.	0.5	1
54	Extended Ganglion Cell Layer Thickness Deviation Maps With OCT in Glaucoma Diagnosis. <i>Frontiers in Medicine</i> , 2021, 8, 684676.	2.6	1

#	ARTICLE	IF	CITATIONS
55	In Reply: Precision of Optic Nerve Head and Retinal Nerve Fiber Layer Parameter Measurements by Spectral-domain Optical Coherence Tomography, Methodological Issues on Reproducibility. Journal of Glaucoma, 2018, 27, e95-e100.	1.6	0
56	Responses of Postreceptoral Pathways Elicited by L- and M-Cone Isolating ON- and OFF-Electroretinograms in Glaucoma Patients. , 2021, 62, 14.		0
57	An empirical study of algebraic-reconstruction techniques. , 2013, , 111-116.		0
58	Five-Year Long-Term Follow-Up of Selective Laser Trabeculoplasty in Open-Angle Glaucoma. Klinische Monatsblatter Fur Augenheilkunde, 2021, , .	0.5	0