

# Luis AbegÃ£o-Pinto

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

1,424  
citations

394421

19  
h-index

434195

31  
g-index

136  
all docs

136  
docs citations

136  
times ranked

1688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trabeculectomy with mitomycin C alone or coupled with intracameral bevacizumab? A 2-year comparative study. <i>British Journal of Ophthalmology</i> , 2022, 106, 1399-1405.	3.9	1
2	OCT-angiography detects longitudinal microvascular changes in glaucoma: a systematic review. <i>British Journal of Ophthalmology</i> , 2022, 106, 667-675.	3.9	17
3	Application of Optical Coherence Tomography Angiography Macular Analysis for Systemic Hypertension. A Systematic Review and Meta-analysis. <i>American Journal of Hypertension</i> , 2022, 35, 356-364.	2.0	10
4	Eagle syndrome presenting as anterior ischaemic neuropathy: a multidisciplinary approach. <i>BMJ Case Reports</i> , 2022, 15, e246862.	0.5	1
5	One-Year Efficacy and Safety of the PAUL Glaucoma Implant Using a Standardized Surgical Protocol. <i>Journal of Glaucoma</i> , 2022, 31, 201-205.	1.6	6
6	Needling after XEN gel implant: What's the efficacy? A 1-year analysis. <i>European Journal of Ophthalmology</i> , 2021, 31, 3087-3092.	1.3	8
7	High intensity focused ultrasound for glaucoma: 1-year results from a prospective pragmatic study. <i>Eye</i> , 2021, 35, 484-489.	2.1	10
8	Towards the Development and Validation of a Smartphone-Based Pupillometer for Neuro-Ophthalmological Diseases Screening. <i>Communications in Computer and Information Science</i> , 2021, , 39-52.	0.5	1
9	Re: Koh et al.: Treatment outcomes using the PAUL glaucoma implant to control intraocular pressure in eyes with refractory glaucoma ( <i>Ophthalmology Glaucoma</i> . 2020;3:350-359). <i>Ophthalmology Glaucoma</i> , 2021, 4, e1.	1.9	0
10	A Non-Infectious Uveitis Multidisciplinary Clinic in a Tertiary Referral Center: Clinical Impact and Added Value. <i>Journal of Multidisciplinary Healthcare</i> , 2021, Volume 14, 695-704.	2.7	8
11	An Unexpected Cork. <i>Ophthalmology Glaucoma</i> , 2021, 4, 420.	1.9	0
12	Agreement Analysis on Angle Characteristics With Automated Gonioscopy. <i>Journal of Glaucoma</i> , 2021, 30, 1039-1046.	1.6	2
13	On Clinical Agreement on the Visibility and Extent of Anatomical Layers in Digital Gonio Photographs. <i>Translational Vision Science and Technology</i> , 2021, 10, 1.	2.2	6
14	XEN-augmented Baerveldt Failure: Three Different Revision Approaches for Pediatric Patients. <i>Journal of Current Glaucoma Practice</i> , 2021, 15, 96-98.	0.5	3
15	Comment on, Optical Coherence Tomography Angiography Features in Post-COVID-19 Pneumonia Patients: A Pilot Study. <i>American Journal of Ophthalmology</i> , 2021, , .	3.3	1
16	Ultrasound Cyclo Plasty for Treatment of Surgery-Naïve Open-Angle Glaucoma Patients: A Prospective, Multicenter, 2-Year Follow-Up Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 4982.	2.4	7
17	A standardized protocol of laser suture lysis in postoperative management in trabeculectomy with mitomycin C: One-year study. <i>European Journal of Ophthalmology</i> , 2021, 31, 477-481.	1.3	0
18	Semantic segmentation of gonio-photographs via adaptive ROI localisation and uncertainty estimation. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000898.	1.6	4

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19	Optical coherence tomography angiography study of the retinal vascular plexuses in type 1 diabetes without retinopathy. <i>Eye</i> , 2020, 34, 307-311.	2.1	25
20	Automated Gonioscopy Assessment of XEN45 Gel Stent Angle Location After Isolated XEN or Combined Phaco-XEN Procedures: Clinical Implications. <i>Journal of Glaucoma</i> , 2020, 29, 932-940.	1.6	10
21	Impact of laser iridotomy on headache symptoms in angle-closure subjects. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1771-1777.	1.9	0
22	The effect of glaucoma treatment using high-intensity focused ultrasound on total and corneal astigmatism: a prospective multicentre study. <i>Acta Ophthalmologica</i> , 2020, 98, 833-840.	1.1	5
23	XEN-augmented Baerveldt surgical success rate and comparison with the Ahmed Valve. <i>Acta Ophthalmologica</i> , 2020, 98, e870-e875.	1.1	4
24	Retinal Vascular Reactivity in Type 1 Diabetes Patients Without Retinopathy Using Optical Coherence Tomography Angiography. , 2020, 61, 49.		25
25	A Camera without a Diaphragm. <i>Ophthalmology Glaucoma</i> , 2020, 3, 138.	1.9	1
26	A Deep Learning Approach for Semantic Segmentation of Gonioscopic Images to Support Glaucoma Categorization. <i>Communications in Computer and Information Science</i> , 2020, , 373-386.	0.5	3
27	A Protocol to Evaluate Retinal Vascular Response Using Optical Coherence Tomography Angiography. <i>Frontiers in Neuroscience</i> , 2019, 13, 566.	2.8	13
28	Glaucoma Gel Implant Learning Curve in a Teaching Tertiary Hospital. <i>Journal of Glaucoma</i> , 2019, 28, 56-60.	1.6	19
29	Choroidal binarization analysis: clinical application. <i>International Ophthalmology</i> , 2019, 39, 2947-2973.	1.4	3
30	Prescription pattern of ocular hypotensive drugs in Portugal and its comparison with the European guidelines – PEM Study. <i>Acta Ophthalmologica</i> , 2019, 97, e1030-e1031.	1.1	3
31	Surgical treatment of neovascular glaucoma: a systematic review and meta-analysis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 1079-1089.	1.9	34
32	Improved discrimination between normal-tension and primary open-angle glaucoma with advanced vascular examinations – the Leuven Eye Study. <i>Acta Ophthalmologica</i> , 2019, 97, e50-e56.	1.1	21
33	Quantitative automated circumpapillary microvascular density measurements: a new angioOCT-based methodology. <i>Eye</i> , 2019, 33, 320-326.	2.1	15
34	Nanotechnology-Ocular Devices for Glaucoma Treatment: A Literature Review. <i>Current Eye Research</i> , 2019, 44, 111-117.	1.5	14
35	Heterogeneity in arterial hypertension and ocular perfusion pressure definitions: Towards a consensus on blood pressure-related parameters for glaucoma studies. <i>Acta Ophthalmologica</i> , 2019, 97, e487-e492.	1.1	20
36	Retinal oxygen saturation as a non-invasive estimate for mixed venous oxygen saturation and cardiac output. <i>Acta Ophthalmologica</i> , 2019, 97, e308-e312.	1.1	3

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37	Pupillary changes after laser peripheral iridotomy. <i>Acta Ophthalmologica</i> , 2018, 96, e751-e752.	1.1	0
38	CHOROIDAL THICKNESS IN DIABETIC PATIENTS WITHOUT DIABETIC RETINOPATHY. <i>Retina</i> , 2018, 38, 795-804.	1.7	42
39	Hypoxia challenge test and retinal circulation changes – a study using ocular coherence tomography angiography. <i>Acta Ophthalmologica</i> , 2018, 96, e315-e319.	1.1	31
40	Trends in Glaucoma Surgical Procedures in Portugal: A 16-Year Nationwide Study (2000-2015). <i>Journal of Glaucoma</i> , 2018, 27, 682-686.	1.6	12
41	The vitreopapillary interface in healthy and glaucoma: posterior vitreous detachment in the vitreopapillary interface study. <i>Acta Ophthalmologica</i> , 2018, 96, 573-581.	1.1	1
42	XEN Gel Stent Obstruction: Test for Patency. <i>Ophthalmology Glaucoma</i> , 2018, 1, 81.	1.9	4
43	Non-invasive assessment of cerebral oxygenation: A comparison of retinal and transcranial oximetry. <i>PLoS ONE</i> , 2018, 13, e0190612.	2.5	6
44	Steroid-induced protracted severe ocular hypertension in a 14-year-old girl. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-225244.	0.5	8
45	Baerveldt-XEN persistent proximal occlusion: solving new problems with old answers. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-226958.	0.5	1
46	Open-Angle Glaucoma: Drug Development Pipeline during the Last 20 Years (1995-2015). <i>Ophthalmic Research</i> , 2017, 57, 201-207.	1.9	13
47	Retina and Choroid of Diabetic Patients Without Observed Retinal Vascular Changes: A Longitudinal Study. <i>American Journal of Ophthalmology</i> , 2017, 176, 15-25.	3.3	34
48	XEN Gel Stent Internal Ostium Occlusion: Ab-Interno Revision. <i>Journal of Glaucoma</i> , 2017, 26, e150-e152.	1.6	24
49	Relationship between Intraocular Pressure and Anterior Lamina Cribrosa Depth: A Cross-Sectional Observational Study in a Healthy Portuguese Population. <i>European Journal of Ophthalmology</i> , 2017, 27, 295-300.	1.3	3
50	Intra- and Inter-Rater Agreement of Anterior Lamina Cribrosa Depth Measurements Using Enhanced-Depth Imaging Optical Coherence Tomography. <i>Ophthalmic Research</i> , 2017, 57, 92-99.	1.9	2
51	Vessels Crossing the Fovea: A Familial Normal Variant?. <i>Ophthalmology Retina</i> , 2017, 1, 67.	2.4	3
52	Use of Ocular Hypotensive Medications in Portugal: PEM Study: A Cross-sectional Nationwide Analysis. <i>Journal of Glaucoma</i> , 2017, 26, 571-576.	1.6	13
53	Funduscopy versus HRT III Confocal Scanner Vertical Cup-Disc Ratio Assessment in Normal Tension and Primary Open Angle Glaucoma (The Leuven Eye Study). <i>Ophthalmic Research</i> , 2017, 57, 100-106.	1.9	2
54	Cautious interpretation of the associations between systemic hypertension, antihypertensive medications and the risk of developing glaucoma. <i>Journal of Hypertension</i> , 2017, 35, 2328-2329.	0.5	2

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55	Ahmed Valve Upstream Obstruction Caused by Fibrous Ingrowth: Surgical Approach. <i>Journal of Glaucoma</i> , 2017, 26, e236-e238.	1.6	6
56	Angle closure as a cause for intermittent headache in a child. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-219517.	0.5	4
57	Kataraktchirurgie und Augeninnendruck. <i>Karger Kompass Ophthalmologie</i> , 2017, 3, 8-14.	0.0	0
58	Corneal properties and glaucoma: a review of the literature and meta-analysis. <i>Arquivos Brasileiros De Oftalmologia</i> , 2017, 80, 202-206.	0.5	19
59	Fertility Sparing Management in Carcinoma Endometrium. <i>Journal of Postgraduate Medicine Education and Research</i> , 2017, 51, 152-153.	0.1	5
60	New Trends for Early Diabetic Retinopathy Diagnosis. , 2017, , .		0
61	Review on Dynamic Contour Tonometry and Ocular Pulse Amplitude. <i>Ophthalmic Research</i> , 2016, 55, 91-98.	1.9	23
62	Retinal Neurodegeneration in Diabetic Patients Without Diabetic Retinopathy. , 2016, 57, 6455.		63
63	Estimating Mean Ocular Perfusion Pressure Using Mean Arterial Pressure and Intraocular Pressure. , 2016, 57, 2260.		26
64	A Rare Manifestation of Uveitis-glaucoma-hyphema Syndrome. <i>Journal of Current Glaucoma Practice</i> , 2016, 10, 76-78.	0.5	17
65	The Conjunctiva in Normal Tension Glaucoma Patients is Thinner Than in Primary Open-Angle Glaucoma Patients: A Comparative Histologic Study. <i>Journal of Glaucoma</i> , 2016, 25, e546-e549.	1.6	4
66	Secondary Epiretinal Membrane After Trabeculectomy. <i>Journal of Glaucoma</i> , 2016, 25, e576-e580.	1.6	5
67	Diabetic choroidopathy: a review of the current literature. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1453-1461.	1.9	105
68	Ocular blood flow in glaucoma – the Leuven Eye Study. <i>Acta Ophthalmologica</i> , 2016, 94, 592-598.	1.1	100
69	IMPROVED EFFICACY OF OCRIPLASMIN FOR VITREOMACULAR TRACTION RELEASE AND TRANSIENT CHANGES IN OPTIC DISK MORPHOLOGY. <i>Retina</i> , 2015, 35, 1135-1143.	1.7	21
70	Correlation Between Peripapillary Choroidal Thickness and Retinal Vessel Oxygen Saturation in Young Healthy Individuals and Glaucoma Patients. , 2015, 56, 3758.		23
71	Comparison of Risk Factor Profiles for Primary Open-Angle Glaucoma Subtypes Defined by Pattern of Visual Field Loss: True Risk Factors or Arbitrary Definition?. , 2015, 56, 6531.		0
72	Preoperative Evaluation and Diagnostic Approach. , 2015, , 722-726.		0

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73	Circadian Arterial Blood Pressure Variation and Glaucoma Progression: More Questions Than Answers?. American Journal of Hypertension, 2015, 28, 1182-1183.	2.0	2
74	Intraocular Pressure in Eyes Receiving Intravitreal Antivascular Endothelial Growth Factor Injections. Ophthalmologica, 2015, 233, 162-168.	1.9	25
75	Cataract Surgery and Intraocular Pressure. Ophthalmic Research, 2015, 53, 141-148.	1.9	62
76	Phacoemulsification versus peripheral iridotomy in the management of chronic primary angle closure: long-term follow-up. International Ophthalmology, 2015, 35, 173-178.	1.4	9
77	Choroidal Thickness in Diabetic Patients without Diabetic Retinopathy. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	1
78	Magnetic Resonance Imaging Study on Blebs Morphology of Ahmed Valves. Journal of Current Glaucoma Practice, 2015, 9, 1-5.	0.5	7
79	Surgical Management of Iatrogenic Pigment Dispersion Glaucoma. Journal of Current Glaucoma Practice, 2015, 9, 28-32.	0.5	4
80	Diabetes Mellitus as a Risk Factor in Glaucoma's Physiopathology and Surgical Survival Time: A Literature Review. Journal of Current Glaucoma Practice, 2015, 9, 81-85.	0.5	13
81	The changes of the retinal layers in diabetic patients without retinopathy. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
82	Double-hump sign on gonioscopy: definitive plateau iris? A cross-sectional study using ultrasound biomicroscopy. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
83	Intra and inter-rater agreement of anterior lamina cribrosa depth measurements using enhanced-depth imaging optical coherence tomography. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
84	Leuven Eye Study - Baseline and methods. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
85	Nanomedicine and Ophthalmology: looking forward. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
86	Heterogeneous choroidal thickness pattern in diabetic patients without diabetic retinopathy. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
87	Retinal Layers Changes in Diabetic Patients without Diabetic Retinopathy. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	1
88	Use of retinal oximetry in estimating cerebral tissue oxygenation. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
89	Leuven Eye Study - Baseline and Methods. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
90	Clinical relevance of ANS dysfunction in glaucoma management. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0

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91	Surgically induced corneal astigmatism after fornix-based trabeculectomy. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
92	Subjective versus objective vertical cup-disc-ratio assessment in open angle glaucoma patients. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
93	Glaucoma patients have a significant decrease in retrobulbar blood flow velocities during general anesthesia. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
94	Influence of intraocular pressure in anterior lamina cribrosa depth - a prospective observational study in a healthy Portuguese population. Acta Ophthalmologica, 2015, 93, n/a-n/a.	1.1	0
95	Choroidal Thickness in Nonarteritic Anterior Ischaemic Optic Neuropathy: A Study with Optical Coherence Tomography. Neuro-Ophthalmology, 2014, 38, 173-179.	1.0	19
96	Bilateral Acute Angle-closure after Intraocular Surgery. Journal of Current Glaucoma Practice, 2014, 8, 113-114.	0.5	2
97	Improvement in Glaucoma Patient Quality of Life by Therapy Switch to Preservative-Free Timolol/Dorzolamide Fixed Combination. Ophthalmologica, 2014, 231, 166-171.	1.9	18
98	Visual field loss in optic disc drusen patients correlates with central retinal artery blood velocity patterns. Acta Ophthalmologica, 2014, 92, e286-91.	1.1	37
99	Choroidal Thickness of the Papillomacular Region in Young Healthy Individuals. Ophthalmologica, 2014, 232, 97-101.	1.9	4
100	Ocular pulse amplitude and Doppler waveform analysis in glaucoma patients. Acta Ophthalmologica, 2014, 92, e280-5.	1.1	17
101	Higher optic nerve sheath diameters are associated with lower ocular blood flow velocities in glaucoma patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 477-483.	1.9	7
102	Intracameral bevacizumab as an adjunct to trabeculectomy: a 1-year prospective, randomised study. British Journal of Ophthalmology, 2014, 98, 73-78.	3.9	60
103	Retinal oxygen metabolism in healthy subjects and glaucoma patients. British Journal of Ophthalmology, 2014, 98, 329-333.	3.9	80
104	Correlation between peripapillary choroidal thickness and retinal vessel oxygen saturation in young healthy individuals. Acta Ophthalmologica, 2014, 92, 0-0.	1.1	0
105	Lack of spontaneous venous pulsation: possible risk indicator in normal tension glaucoma?. Acta Ophthalmologica, 2013, 91, 514-520.	1.1	29
106	Phenylephrine 5% added to Tropicamide 0.5% eye drops does not influence retinal oxygen saturation values or retinal vessel diameter in glaucoma patients. Acta Ophthalmologica, 2013, 91, 733-737.	1.1	23
107	Ophthalmic Artery Doppler Waveform Changes Associated with Increased Damage in Glaucoma Patients. , 2012, 53, 2448.		30
108	Intraocular pressure correlates with optic nerve sheath diameter in patients with normal tension glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1075-1080.	1.9	26

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109	Disturbed correlation between arterial resistance and pulsatility in glaucoma patients. Acta Ophthalmologica, 2012, 90, e214-20.	1.1	21
110	A Vascular Approach to Glaucoma. , 0, , .		0
111	Pilot study on the impact of lectures and introduction of digital technologies in the knowledge acquisition in medical students. MedEdPublish, 0, 8, 11.	0.3	1