

# Luca Agnifili

## List of Publications by Year in descending order

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Version: 2024-02-01

88

papers

2,423

citations

186265

28

h-index

243625

44

g-index

89

all docs

89

docs citations

89

times ranked

2400

citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term outcome of supraciliary gold micro shunt in refractory glaucoma. <i>Acta Ophthalmologica</i> , 2022, 100, .	1.1	2
2	Tear proteomics reveals the molecular basis of the efficacy of human recombinant nerve growth factor treatment for Neurotrophic Keratopathy. <i>Scientific Reports</i> , 2022, 12, 1229.	3.3	5
3	<i>In Vivo</i> Confocal Microscopy of the Corneal Sub-Basal Nerve plexus in Medically Controlled Glaucoma. <i>Microscopy and Microanalysis</i> , 2022, 28, 496-503.	0.4	3
4	Preparing the ocular surface for glaucoma filtration surgery: an unmet clinical need. <i>Acta Ophthalmologica</i> , 2022, 100, 740-751.	1.1	11
5	Topical Steroids and Glaucoma Filtration Surgery Outcomes: An In Vivo Confocal Study of the Conjunctiva. <i>Journal of Clinical Medicine</i> , 2022, 11, 3959.	2.4	4
6	Face Mask-Related Ocular Surface Modifications During COVID-19 Pandemic: A Clinical, In Vivo Confocal Microscopy, and Immune-Cytology Study. <i>Translational Vision Science and Technology</i> , 2021, 10, 22.	2.2	31
7	Endothelial Cell Density After XEN Implant Surgery: Short-term Data From the Italian XEN Glaucoma Treatment Registry (XEN-GTR). <i>Journal of Glaucoma</i> , 2021, 30, 559-565.	1.6	10
8	Virtual learning solutions in COVID-19 era: University Italian Ophthalmology department perspective. <i>European Journal of Ophthalmology</i> , 2021, , 112067212110155.	1.3	2
9	Confocal Microscopy and Anterior Segment Optical Coherence Tomography Imaging of the Ocular Surface and Bleb Morphology in Medically and Surgically Treated Glaucoma Patients: A Review. <i>Pharmaceuticals</i> , 2021, 14, 581.	3.8	7
10	Visual Performance and Quality of Life after Femtosecond Laser-Assisted Cataract Surgery with Trifocal IOLs Implantation. <i>Journal of Clinical Medicine</i> , 2021, 10, 3038.	2.4	1
11	Age-related ocular surface modifications assessment combining thermal infrared and deep learning approach. , 2021, , .		0
12	Response to Letter to the Editor: Tear Meniscus Imaging by Anterior Segment-Optical Coherence Tomography in Medically Controlled Glaucoma. <i>Journal of Glaucoma</i> , 2021, 30, e106-e107.	1.6	0
13	How many aqueous humor outflow pathways are there?. <i>Survey of Ophthalmology</i> , 2020, 65, 144-170.	4.0	38
14	Conjunctival thickness as a predictive imaging biomarker for the glaucoma filtration surgery outcome: An optical coherence tomography study. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1192-1200.	2.6	7
15	Steroid-induced glaucoma: Epidemiology, pathophysiology, and clinical management. <i>Survey of Ophthalmology</i> , 2020, 65, 458-472.	4.0	106
16	Topical preservative-free ophthalmic treatments: an unmet clinical need. <i>Expert Opinion on Drug Delivery</i> , 2020, 18, 1-18.	5.0	14
17	Teleophthalmology in COVID-19 era: an Italian ophthalmology department experience. <i>Eye</i> , 2020, 35, 2319-2321.	2.1	6
18	Structural imaging of conjunctival filtering blebs in XEN gel implantation and trabeculectomy: a confocal and anterior segment optical coherence tomography study. <i>Graefes's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1763-1770.	1.9	19

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19	Angiographic biomarkers of filtering bleb function after XEN gel implantation for glaucoma: an optical coherence tomography–angiography study. <i>Acta Ophthalmologica</i> , 2020, 98, e761-e767.	1.1	10
20	Functional and Structural Reliability of Optic Nerve Head Measurements in Healthy Eyes by Means of Optical Coherence Tomography Angiography. <i>Medicina (Lithuania)</i> , 2020, 56, 44.	2.0	5
21	Optic nerve head diurnal vessel density variations in glaucoma and ocular hypertension measured by optical coherence tomography angiography. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1237-1251.	1.9	11
22	Exploring the gap between diagnostic research outputs and clinical use of OCT for diagnosing glaucoma. <i>British Journal of Ophthalmology</i> , 2020, 104, 1114-1119.	3.9	0
23	Tear Meniscus Imaging by Anterior Segment-Optical Coherence Tomography in Medically Controlled Glaucoma. <i>Journal of Glaucoma</i> , 2020, 29, 374-380.	1.6	9
24	Optical Coherence Tomography Angiography and Glaucoma. <i>ESASO Course Series</i> , 2020, , 123-131.	0.1	0
25	The ocular surface after successful glaucoma filtration surgery: a clinical, in vivo confocal microscopy, and immune-cytology study. <i>Scientific Reports</i> , 2019, 9, 11299.	3.3	22
26	Multi-Omics Approach for Studying Tears in Treatment-Naïve Glaucoma Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4029.	4.1	55
27	Low-Tension Glaucoma: An Oxymoron in Ophthalmology. <i>Preventing Chronic Disease</i> , 2019, 16, E10.	3.4	2
28	Scleral and conjunctival features in patients with rhegmatogenous retinal detachment undergoing scleral buckling: an anterior segment optical coherence tomography and in vivo confocal microscopy study. <i>Acta Ophthalmologica</i> , 2019, 97, e1069-e1076.	1.1	1
29	Integrated Lipidomics and Metabolomics Analysis of Tears in Multiple Sclerosis: An Insight into Diagnostic Potential of Lacrimal Fluid. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1265.	4.1	50
30	Human vitreous concentrations of citicoline following topical application of citicoline 2% ophthalmic solution. <i>PLoS ONE</i> , 2019, 14, e0224982.	2.5	13
31	Macular versus nerve fibre layer versus optic nerve head imaging for diagnosing glaucoma at different stages of the disease: Multicenter Italian Glaucoma Imaging Study. <i>Acta Ophthalmologica</i> , 2019, 97, e207-e215.	1.1	18
32	Structural and Molecular Tear Film Changes in Glaucoma. <i>Current Medicinal Chemistry</i> , 2019, 26, 4225-4240.	2.4	22
33	Optical Coherence Tomography Angiography of the Peripapillary Retina in Normal-Tension Glaucoma and Chronic Nonarteritic Anterior Ischemic Optic Neuropathy. <i>Current Eye Research</i> , 2018, 43, 778-784.	1.5	38
34	Meibomian Gland Features and Conjunctival Goblet Cell Density in Glaucomatous Patients Controlled With Prostaglandin/Timolol Fixed Combinations: A Case Control, Cross-sectional Study. <i>Journal of Glaucoma</i> , 2018, 27, 364-370.	1.6	26
35	Prospective, Randomized, Single Masked, Parallel Study Exploring the Effects of a Preservative-Free Ophthalmic Solution Containing Hyaluronic Acid 0.4% and Taurine 0.5% on the Ocular Surface of Glaucoma Patients Under Multiple Long-Term Topical Hypotensive Therapy. <i>Advances in Therapy</i> , 2018, 35, 686-696.	2.9	9
36	Diagnostic capability of optic nerve head rim width and retinal nerve fiber thickness in open-angle glaucoma. <i>European Journal of Ophthalmology</i> , 2018, 28, 459-464.	1.3	7

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37	In Reply. Journal of Glaucoma, 2018, 27, e197.	1.6	0
38	Confocal microscopy of corneal nerve plexus as an early marker of eye involvement in patients with type 2 diabetes. Diabetes Research and Clinical Practice, 2018, 142, 393-400.	2.8	25
39	In Vivo Analysis of Prostaglandins-induced Ocular Surface and Periocular Adnexa Modifications in Patients with Glaucoma. In Vivo, 2018, 32, 211-220.	1.3	23
40	In Vivo Scanning Laser Confocal Microscopy of Conjunctival Goblet Cells in Medically-controlled Glaucoma. In Vivo, 2018, 32, 437-443.	1.3	11
41	The Conjunctiva-Associated Lymphoid Tissue in Chronic Ocular Surface Diseases. Microscopy and Microanalysis, 2017, 23, 697-707.	0.4	31
42	Tear Film Steroid Profiling in Dry Eye Disease by Liquid Chromatography Tandem Mass Spectrometry. International Journal of Molecular Sciences, 2017, 18, 1349.	4.1	40
43	Radial Peripapillary Capillary Network in Patients with Retinitis Pigmentosa: An Optical Coherence Tomography Angiography Study. Frontiers in Neurology, 2017, 8, 572.	2.4	17
44	High-Intensity Focused Ultrasound Circular Cyclocoagulation in Glaucoma: A Step Forward for Cyclodestruction?. Journal of Ophthalmology, 2017, 2017, 1-14.	1.3	26
45	Exploring Serum Levels of Brain Derived Neurotrophic Factor and Nerve Growth Factor Across Glaucoma Stages. PLoS ONE, 2017, 12, e0168565.	2.5	50
46	In Vivo Confocal Imaging of the Conjunctiva as a Predictive Tool for the Glaucoma Filtration Surgery Outcome. , 2017, 58, BIO114.		34
47	Interference figures of polarimetric interferometry analysis of the human corneal stroma. PLoS ONE, 2017, 12, e0178397.	2.5	6
48	Detection of central visual field defects in early glaucomatous eyes: Comparison of Humphrey and Octopus perimetry. PLoS ONE, 2017, 12, e0186793.	2.5	25
49	Three-dimensional Laser Scanning Confocal Analysis of Conjunctival Microcysts in Glaucomatous Patients Before and After Trabeculectomy. In Vivo, 2017, 31, 1081-1088.	1.3	6
50	In Vivo Goblet Cell Density as a Potential Indicator of Glaucoma Filtration Surgery Outcome. , 2016, 57, 2928.		25
51	Author Response: In Vivo Goblet Cell Density as a Potential Indicator of Glaucoma Filtration Surgery Outcome. , 2016, 57, 5406.		0
52	<i>In Vivo</i> Laser Scanning Confocal Microscopy of Human Meibomian Glands in Aging and Ocular Surface Diseases. BioMed Research International, 2016, 2016, 1-8.	1.9	28
53	In Vivo Distribution of Corneal Epithelial Dendritic Cells in Patients With Glaucoma. , 2016, 57, 5996.		43
54	Uveo-scleral outflow pathways after ultrasonic cyclocoagulation in refractory glaucoma: an anterior segment optical coherence tomography and in vivo confocal study. British Journal of Ophthalmology, 2016, 100, 1668-1675.	3.9	45

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55	Ocular-surface temperature modification by cataract surgery. Journal of Cataract and Refractive Surgery, 2016, 42, 983-989.	1.5	10
56	Corneoscleral Limbus in Glaucoma Patients: In Vivo Confocal Microscopy and Immunocytological Study. , 2015, 56, 2050.		37
57	Advance in the pathogenesis and treatment of normal-tension glaucoma. Progress in Brain Research, 2015, 221, 213-232.	1.4	28
58	Optical Coherence Tomography Angiography in Retinal Vascular Diseases and Choroidal Neovascularization. Journal of Ophthalmology, 2015, 2015, 1-8.	1.3	86
59	Advanced Morphological and Functional Magnetic Resonance Techniques in Glaucoma. BioMed Research International, 2015, 2015, 1-7.	1.9	11
60	In Vivo and Impression Cytology Study on the Effect of Compatible Solutes Eye Drops on the Ocular Surface Epithelial Cell Quality in Dry Eye Patients. Mediators of Inflammation, 2015, 2015, 1-8.	3.0	16
61	Intravitreal Ranibizumab for Predominantly Hemorrhagic Choroidal Neovascularization in Age-Related Macular Degeneration. Ophthalmologica, 2015, 233, 74-81.	1.9	4
62	Molecular biomarkers in primary open-angle glaucoma. Progress in Brain Research, 2015, 221, 1-32.	1.4	26
63	Circadian intraocular pressure patterns in healthy subjects, primary open angle and normal tension glaucoma patients with a contact lens sensor. Acta Ophthalmologica, 2015, 93, e14-21.	1.1	112
64	Postoperative IOL Axial Movements and Refractive Changes After Femtosecond Laser-assisted Cataract Surgery Versus Conventional Phacoemulsification. Journal of Refractive Surgery, 2015, 31, 524-530.	2.3	29
65	Fractal dimension as a new tool to analyze optic nerve head vasculature in primary open angle glaucoma. In Vivo, 2015, 29, 273-9.	1.3	8
66	Anterior Segment Optical Coherence Tomography Imaging of Conjunctival Filtering Blebs after Glaucoma Surgery. BioMed Research International, 2014, 2014, 1-11.	1.9	43
67	In Vivo Confocal Microscopy of Conjunctiva-Associated Lymphoid Tissue in Healthy Humans. , 2014, 55, 5254.		28
68	<i>In Vivo</i> Laser Scanning Confocal Microscopy of the Ocular Surface in Glaucoma. Microscopy and Microanalysis, 2014, 20, 879-894.	0.4	45
69	Trans-conjunctival aqueous humor outflow in glaucomatous patients treated with prostaglandin analogues: an in vivo confocal microscopy study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1469-1476.	1.9	17
70	Shotgun proteomics reveals specific modulated protein patterns in tears of patients with primary open angle glaucoma naïve to therapy. Molecular BioSystems, 2013, 9, 1108.	2.9	79
71	Aqueous humor levels of vascular endothelial growth factor and adiponectin in patients with type 2 diabetes before and after intravitreal bevacizumab injection. Experimental Eye Research, 2013, 110, 50-54.	2.6	32
72	Conjunctival modifications induced by medical and surgical therapies in patients with glaucoma. Current Opinion in Pharmacology, 2013, 13, 56-64.	3.5	56

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73	In vivo confocal microscopy of meibomian glands in glaucoma. British Journal of Ophthalmology, 2013, 97, 343-349.	3.9	62
74	Conjunctival goblet cells density and preservative-free tafluprost therapy for glaucoma: an <i>in vivo</i> confocal microscopy and impression cytology study. Acta Ophthalmologica, 2013, 91, e397-405.	1.1	49
75	Comparative study of Acrysof ReSTOR multifocal intraocular lenses +4.00 D and +3.00 D: visual performance and wavefront error. Australasian journal of optometry, The, 2013, 96, 295-302.	1.3	20
76	Morphological Modification of the Cornea After Standard and Transepithelial Corneal Cross-linking as Imaged by Anterior Segment Optical Coherence Tomography and Laser Scanning In Vivo Confocal Microscopy. Cornea, 2013, 32, 855-861.	1.7	49
77	In vivo analysis of conjunctiva in canaloplasty for glaucoma. British Journal of Ophthalmology, 2012, 96, 634-639.	3.9	40
78	Reproducibility and Repeatability of Cirrus® HD-OCT Peripapillary Retinal Nerve Fibre Layer Thickness Measurements in Young Normal Subjects. Ophthalmologica, 2012, 227, 139-145.	1.9	34
79	Systemic thromboembolic adverse events in patients treated with intravitreal anti-VEGF drugs for neovascular age-related macular degeneration. Expert Opinion on Biological Therapy, 2012, 12, 1299-1313.	3.1	48
80	Differential protein expression in tears of patients with primary open angle and pseudoexfoliative glaucoma. Molecular BioSystems, 2012, 8, 1017-1028.	2.9	67
81	Conjunctival findings in hyperbaric and low-pressure glaucoma: an <i>in vivo</i> confocal microscopy study. Acta Ophthalmologica, 2012, 90, e132-7.	1.1	24
82	Histological findings of failed gold micro shunts in primary open-angle glaucoma. Graefes Archive for Clinical and Experimental Ophthalmology, 2012, 250, 143-149.	1.9	46
83	Conjunctival and corneal findings in bleb-associated endophthalmitis: an <i>in vivo</i> confocal microscopy study. Acta Ophthalmologica, 2011, 89, 388-395.	1.1	24
84	In vivo analysis of conjunctiva in gold micro shunt implantation for glaucoma. British Journal of Ophthalmology, 2010, 94, 1592-1596.	3.9	38
85	A 12-week Study Evaluating the Efficacy of Bimatoprost 0.03% in Patients with Pseudoexfoliative and Open-Angle Glaucoma. European Journal of Ophthalmology, 2009, 19, 594-600.	1.3	0
86	Femtosecond Laser Arcuate Keratotomy for the Correction of High Astigmatism after Keratoplasty. Ophthalmology, 2009, 116, 1083-1092.	5.2	128
87	Conjunctival Modifications in Ocular Hypertension and Primary Open Angle Glaucoma: An In Vivo Confocal Microscopy Study. , 2008, 49, 3042.		41
88	Filtering Bleb Functionality: A Clinical, Anterior Segment Optical Coherence Tomography and In Vivo Confocal Microscopy Study. Journal of Glaucoma, 2008, 17, 308-317.	1.6	87