

Eleftherios I Paschalis

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,650
citations

331642

21
h-index

377849

34
g-index

76
all docs

76
docs citations

76
times ranked

1844
citing authors

#	ARTICLE	IF	CITATIONS
1	The Prevalence of Autoimmune Diseases in Patients with Primary Open-Angle Glaucoma Undergoing Ophthalmic Surgeries. <i>Ophthalmology Glaucoma</i> , 2022, 5, 128-136.	1.9	5
2	Critical media attributes in E-beam sterilization of corneal tissue. <i>Acta Biomaterialia</i> , 2022, 138, 218-227.	8.3	7
3	Circulating inflammatory monocytes oppose microglia and contribute to cone cell death in retinitis pigmentosa. , 2022, 1, .		11
4	Electron Beam Sterilization of Poly(Methyl Methacrylate)â€™ Physicochemical and Biological Aspects. <i>Macromolecular Bioscience</i> , 2021, 21, e2000379.	4.1	12
5	Toward electron-beam sterilization of a pre-assembled Boston keratoprosthesis. <i>Ocular Surface</i> , 2021, 20, 176-184.	4.4	12
6	Combined blockade of complement C5 and TLR co-receptor CD14 synergistically inhibits pig-to-human corneal xenograft induced innate inflammatory responses. <i>Acta Biomaterialia</i> , 2021, 127, 169-179.	8.3	6
7	Photo-cross-linked Gelatin Glycidyl Methacrylate/N-Vinylpyrrolidone Copolymeric Hydrogel with Tunable Mechanical Properties for Ocular Tissue Engineering Applications. <i>ACS Applied Bio Materials</i> , 2021, 4, 7682-7691.	4.6	11
8	Reply to Green and Hume: Nonmicroglia peripheral immune effects of short-term CSF1R inhibition with PLX5622. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2020660118.	7.1	10
9	Graphene-Lined Porous Gelatin Glycidyl Methacrylate Hydrogels: Implications for Tissue Engineering. <i>ACS Applied Nano Materials</i> , 2021, 4, 12650-12662.	5.0	5
10	Design and Outcomes of a Novel Keratoprosthesis: Addressing Unmet Needs in End-Stage Cicatricial Corneal Blindness. <i>Cornea</i> , 2020, 39, 484-490.	1.7	17
11	Angle Anatomy and Glaucoma in Patients With Boston Keratoprosthesis. <i>Cornea</i> , 2020, 39, 713-719.	1.7	11
12	Glaucoma after Ocular Surgery or Trauma. <i>American Journal of Pathology</i> , 2020, 190, 2056-2066.	3.8	21
13	Intrinsic Optical Properties of Boston Keratoprosthesis. <i>Translational Vision Science and Technology</i> , 2020, 9, 10.	2.2	3
14	Microporous Drug Delivery System for Sustained Anti-VEGF Delivery to the Eye. <i>Translational Vision Science and Technology</i> , 2020, 9, 5.	2.2	9
15	CSF1R inhibition by a small-molecule inhibitor is not microglia specific; affecting hematopoiesis and the function of macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23336-23338.	7.1	185
16	The Search for Antifungal Prophylaxis After Artificial Corneal Surgeryâ€™ An In Vitro Study. <i>Cornea</i> , 2020, 39, 1547-1555.	1.7	4
17	Implantable self-aligning fiberâ€™optic optomechanical devices for in vivo intraocular pressureâ€™sensing in artificial cornea. <i>Journal of Biophotonics</i> , 2020, 13, e202000031.	2.3	5
18	Sputter Deposition of Titanium on Poly(Methyl Methacrylate) Enhances Corneal Biocompatibility. <i>Translational Vision Science and Technology</i> , 2020, 9, 41.	2.2	13

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19	Treatment of Chemical Burn to the Eye: A Changing Picture. , 2020, , 109-119.		5
20	Effects of gamma radiation sterilization on the structural and biological properties of decellularized corneal xenografts. <i>Acta Biomaterialia</i> , 2019, 96, 330-344.	8.3	49
21	NLRP3 inflammasome in NMDA-induced retinal excitotoxicity. <i>Experimental Eye Research</i> , 2019, 181, 136-144.	2.6	23
22	Glaucoma Management in Patients With Aniridia and Boston Type 1 Keratoprosthesis. <i>American Journal of Ophthalmology</i> , 2019, 207, 258-267.	3.3	16
23	Parry-Romberg syndrome treatment with fat transfer and a new bleaching formula. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1424-1429.	1.6	2
24	RIP1 kinase mediates angiogenesis by modulating macrophages in experimental neovascularization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23705-23713.	7.1	28
25	Lucia and Beyond: Development of an Affordable Keratoprosthesis. <i>Cornea</i> , 2019, 38, 492-497.	1.7	14
26	Glaucoma After Corneal Trauma or Surgery—A Rapid, Inflammatory, IOP-Independent Pathway. <i>Cornea</i> , 2019, 38, 1589-1594.	1.7	28
27	Blood Levels of Tumor Necrosis Factor Alpha and Its Type 2 Receptor Are Elevated in Patients with Boston Type I Keratoprosthesis. <i>Current Eye Research</i> , 2019, 44, 599-606.	1.5	16
28	Microglia Regulate Neuroglia Remodeling in Various Ocular and Retinal Injuries. <i>Journal of Immunology</i> , 2019, 202, 539-549.	0.8	36
29	The Role of Microglia and Peripheral Monocytes in Retinal Damage after Corneal Chemical Injury. <i>American Journal of Pathology</i> , 2018, 188, 1580-1596.	3.8	54
30	Improving the practicality and safety of artificial corneas: Pre-assembly and gamma-rays sterilization of the Boston Keratoprosthesis. <i>Ocular Surface</i> , 2018, 16, 322-330.	4.4	24
31	Boston keratoprosthesis type 1 for limbal stem cell deficiency after severe chemical corneal injury: A systematic review. <i>Ocular Surface</i> , 2018, 16, 272-281.	4.4	34
32	Keratolimbal allograft for limbal stem cell deficiency after severe corneal chemical injury: a systematic review. <i>British Journal of Ophthalmology</i> , 2018, 102, 1114-1121.	3.9	23
33	Chemical Burns of the Eye: The Role of Retinal Injury and New Therapeutic Possibilities. <i>Cornea</i> , 2018, 37, 248-251.	1.7	34
34	Permanent neuroglial remodeling of the retina following infiltration of CSF1R inhibition-resistant peripheral monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11359-E11368.	7.1	50
35	The Magnetic Levator Prosthesis for Temporary Management of Severe Blepharoptosis: Initial Safety and Efficacy. <i>Translational Vision Science and Technology</i> , 2018, 7, 7.	2.2	14
36	Mechanisms of Retinal Damage after Ocular Alkali Burns. <i>American Journal of Pathology</i> , 2017, 187, 1327-1342.	3.8	59

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37	Restoration of Vision After Brain Injury Using Magnet Glasses. American Journal of Physical Medicine and Rehabilitation, 2017, 96, e70-e74.	1.4	7
38	The Role of the Back Plate in Angle Anatomy with the Boston Type I Keratoprosthesis. Cornea, 2017, 36, 1096-1101.	1.7	8
39	Optic Nerve Head Characteristics in Chronic Angle Closure Glaucoma Detected by Swept-Source OCT. Current Eye Research, 2017, 42, 1450-1457.	1.5	3
40	Sustained Subconjunctival Delivery of Infliximab Protects the Cornea and Retina Following Alkali Burn to the Eye. , 2017, 58, 96.		52
41	Thin minimal rim width at Bruch's membrane opening is associated with glaucomatous paracentral visual field loss. Clinical Ophthalmology, 2017, Volume 11, 2157-2167.	1.8	7
42	A Drug Delivery System for Administration of Anti-TNF- α Antibody. Translational Vision Science and Technology, 2016, 5, 11.	2.2	25
43	The Role of Titanium Surface Microtopography on Adhesion, Proliferation, Transformation, and Matrix Deposition of Corneal Cells. , 2016, 57, 1927.		23
44	Effect of Penetrating Keratoplasty and Keratoprosthesis Implantation on the Posterior Segment of the Eye. , 2016, 57, 1643.		18
45	Comparison of swept-source and enhanced depth imaging spectral-domain optical coherence tomography in quantitative characterisation of the optic nerve head. British Journal of Ophthalmology, 2016, 101, bjophthalmol-2016-308586.	3.9	11
46	Patterns of Retinal Nerve Fiber Layer Loss in Different Subtypes of Open Angle Glaucoma Using Spectral Domain Optical Coherence Tomography. Journal of Glaucoma, 2016, 25, 865-872.	1.6	24
47	Liposuction and Suspension of the Orbicularis Oculi for the Correction of Persistent Malar Bags. , 2016, , 441-447.		0
48	The evolution of corneal and refractive surgery with the femtosecond laser. Eye and Vision (London,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.0	56
49	Inhibition of the alternative complement pathway preserves photoreceptors after retinal injury. Science Translational Medicine, 2015, 7, 297ra116.	12.4	58
50	Idiopathic Vitritis in the Setting of Boston Keratoprosthesis. Cornea, 2015, 34, 165-170.	1.7	18
51	A Prototype External Magnetic Eyelid Device for Blepharoptosis. Translational Vision Science and Technology, 2014, 3, 9.	2.2	11
52	Removal of Silicone Oil From Intraocular Lens Using Novel Surgical Materials. Translational Vision Science and Technology, 2014, 3, 4.	2.2	9
53	Reliable intraocular pressure measurement using automated radio-wave telemetry. Clinical Ophthalmology, 2014, 8, 177.	1.8	15
54	Alkali Burn to the Eye. Cornea, 2014, 33, 382-389.	1.7	68

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55	Glaucoma Progression and Role of Glaucoma Surgery in Patients With Boston Keratoprosthesis. <i>Cornea</i> , 2014, 33, 349-354.	1.7	103
56	Redraping of the fat and eye lift for the correction of the tear trough. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 1497-1502.	1.7	5
57	Effects of metformin on retinoblastoma growth in vitro and in vivo. <i>International Journal of Oncology</i> , 2014, 45, 2311-2324.	3.3	19
58	Secondary rhinoplasty fixations with hyaluronic acid. <i>Journal of Cosmetic Dermatology</i> , 2013, 12, 235-239.	1.6	14
59	In Vitro and In Vivo Assessment of Titanium Surface Modification for Coloring the Backplate of the Boston Keratoprosthesis. , 2013, 54, 3863.		32
60	Intravitreal injections at the Massachusetts Eye and Ear Infirmary: analysis of treatment indications and postinjection endophthalmitis rates. <i>British Journal of Ophthalmology</i> , 2013, 97, 460-465.	3.9	55
61	A Novel Implantable Glaucoma Valve Using Ferrofluid. <i>PLoS ONE</i> , 2013, 8, e67404.	2.5	27
62	Low-Cost and Readily Available Tissue Carriers for the Boston Keratoprosthesis: A Review of Possibilities. <i>Journal of Ophthalmology</i> , 2013, 2013, 1-5.	1.3	17
63	Analysis of Four Aberrometers for Evaluating Lower and Higher Order Aberrations. <i>PLoS ONE</i> , 2013, 8, e54990.	2.5	25
64	Gamma-Irradiation Reduces the Allogenicity of Donor Corneas. , 2012, 53, 7151.		36
65	Tonography assessment using quantitative and qualitative analysis of the aqueous humor outflow mechanism. <i>European Journal of Ophthalmology</i> , 2012, 22, 726-733.	1.3	2
66	Liposuction and Suspension of the Orbicularis Oculi for the Correction of Persistent Malar Bags: Description of Technique and Report of a Case. <i>Aesthetic Plastic Surgery</i> , 2012, 36, 546-549.	0.9	11
67	Laser in situ keratomileusis flap-thickness predictability with a pendular microkeratome. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 2160-2166.	1.5	10
68	Corneal flap assessment with Rondo microkeratome in laser in situ keratomileusis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 289-295.	1.9	4
69	Evaluation of the retinal nerve fiber layer measurements, after photorefractive keratectomy and laser in situ keratomileusis, using scanning laser polarimetry (GDx VCC). <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 731-736.	1.9	16
70	The digital aqueous humor outflow meter: an alternative tool for screening of the human eye outflow facility. <i>Clinical Ophthalmology</i> , 2010, 4, 937.	1.8	1