

Goran Petrovski

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

10,850
citations

136950

32
h-index

46799

89
g-index

100
all docs

100
docs citations

100
times ranked

23563
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinal venular oxygen saturation is associated with non-proliferative diabetic retinopathy in young patients with type 1 diabetes. <i>Acta Ophthalmologica</i> , 2022, 100, 388-394.	1.1	4
2	Noninvasive Estimation of Pulsatile and Static Intracranial Pressure by Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2022, 11, 31.	2.2	3
3	Generic benzalkonium chloride-preserved travoprost eye drops are not identical to the branded polyquarternium-1-preserved travoprost eye drop. <i>Acta Ophthalmologica</i> , 2022, 100, 819-827.	1.1	6
4	An Evaluation of the Physicochemical Properties of Preservative-Free 0.005% (w/v) Latanoprost Ophthalmic Solutions, and the Impact on In Vitro Human Conjunctival Goblet Cell Survival. <i>Journal of Clinical Medicine</i> , 2022, 11, 3137.	2.4	4
5	Exploring Retinal Blood Vessel Diameters as Biomarkers in Multiple Sclerosis. <i>Journal of Clinical Medicine</i> , 2022, 11, 3109.	2.4	3
6	Novel Needle for Intravitreal Drug Delivery: Comparative Study of Needle Tip Aspirates, Injection Stream and Penetration Forces. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 723-734.	1.8	1
7	An Update on COVID-19 Related Ophthalmic Manifestations. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 684-689.	1.8	25
8	The acute phase response protein SERPINA3 is increased in tear fluid from the unaffected eyes of patients with unilateral acute anterior uveitis. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2021, 11, 19.	2.2	4
9	Benzalkonium Chloride-Preserved Anti-Glaucomatous Eye Drops and Their Effect on Human Conjunctival Goblet Cells in vitro. <i>Biomedicine Hub</i> , 2021, 6, 69-76.	1.2	12
10	The retinal pigment epithelium. , 2021, , 115-146.		0
11	Advantages of nanofibrous membranes for culturing of primary RPE cells compared to commercial scaffolds. <i>Acta Ophthalmologica</i> , 2021, , .	1.1	0
12	Cluster of symptomatic silicone oil droplets following intravitreal injections: a 1-year observational study. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000764.	1.6	0
13	Protein Composition of the Subretinal Fluid Suggests Selective Diffusion of Vitreous Proteins in Retinal Detachment. <i>Translational Vision Science and Technology</i> , 2020, 9, 16.	2.2	9
14	A porous collagen-based hydrogel and implantation method for corneal stromal regeneration and sustained local drug delivery. <i>Scientific Reports</i> , 2020, 10, 16936.	3.3	34
15	Long-term myofibroblast persistence in the capsular bag contributes to the late spontaneous in-the-bag intraocular lens dislocation. <i>Scientific Reports</i> , 2020, 10, 20532.	3.3	6
16	Associations between Macular OCT Angiography and Nonproliferative Diabetic Retinopathy in Young Patients with Type 1 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-12.	2.3	12
17	Prognostic Factor Analysis of Visual Outcome after Vitrectomy for Rhegmatogenous Retinal Detachment. <i>Journal of Clinical Medicine</i> , 2020, 9, 3251.	2.4	5
18	Venular oxygen saturation is increased in young patients with type 1 diabetes and mild nonproliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2020, 98, 800-807.	1.1	7

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19	Coronavirus disease 2019 (COVID-19) outbreak at the Department of Ophthalmology, Oslo University Hospital, Norway. <i>Acta Ophthalmologica</i> , 2020, 98, e388-e389.	1.1	46
20	Resveratrol as Inducer of Autophagy, Pro-Survival, and Anti-Inflammatory Stimuli in Cultured Human RPE Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 813.	4.1	36
21	Cost-effectiveness of the triple procedure " phacovitrectomy with posterior capsulotomy compared to phacovitrectomy and sequential procedures. <i>Acta Ophthalmologica</i> , 2020, 98, 592-602.	1.1	8
22	Reorganize and survive" a recommendation for healthcare services affected by COVID-19"the ophthalmology experience. <i>Eye</i> , 2020, 34, 1177-1179.	2.1	11
23	UV-B-Induced Inflammasome Activation Can Be Prevented by Cis-Urocanic Acid in Human Corneal Epithelial Cells. , 2020, 61, 7.		16
24	Unilateral acute anterior uveitis is associated with ipsilateral changes in the tear fluid proteome that involves the LXR/RXR pathway. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2020, 10, 13.	2.2	9
25	Outcomes of Vitrectomy for Long-Duration Macular Hole. <i>Journal of Clinical Medicine</i> , 2020, 9, 444.	2.4	7
26	Isolation and Culture of Corneal Stromal Stem Cells. <i>Methods in Molecular Biology</i> , 2020, 2145, 1-15.	0.9	4
27	Dynamic intraoperative optical coherence tomography for inverted internal limiting membrane flap technique in large macular hole surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 1649-1659.	1.9	21
28	Clinical and molecular markers in retinal detachment"From hyperreflective points to stem cells and inflammation. <i>PLoS ONE</i> , 2019, 14, e0217548.	2.5	21
29	Macular Hole Surgery Using Gas Tamponade"An Outcome from the Oslo Retrospective Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 704.	2.4	6
30	Human Embryonic Stem Cell-Derived Retinal Pigment Epithelium-Role in Dead Cell Clearance and Inflammation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 926.	4.1	15
31	Conjunctival Goblet Cells, the Overlooked Cells in Glaucoma Treatment. <i>Journal of Glaucoma</i> , 2019, 28, 325-333.	1.6	11
32	Loss of NRF-2 and PGC-1 \pm genes leads to retinal pigment epithelium damage resembling dry age-related macular degeneration. <i>Redox Biology</i> , 2019, 20, 1-12.	9.0	117
33	Hsp90 inhibition as a means to inhibit activation of the NLRP3 inflammasome. <i>Scientific Reports</i> , 2018, 8, 6720.	3.3	67
34	Proliferative Cells Isolated from the Adult Human Peripheral Retina only Transiently Upregulate Key Retinal Markers upon Induced Differentiation. <i>Current Eye Research</i> , 2018, 43, 340-349.	1.5	6
35	Expression of Progenitor Cell Markers in the Glial-Like Cells of Epiretinal Membranes of Different Origins. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-6.	1.3	7
36	Levels of oxidative DNA damage are low in ex vivo engineered human limbal epithelial tissue. <i>Acta Ophthalmologica</i> , 2018, 96, 834-840.	1.1	0

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37	Ex vivo 3D human corneal stroma model for Schnyder corneal dystrophy - role of autophagy in its pathogenesis and resolution. <i>Histology and Histopathology</i> , 2018, 33, 455-462.	0.7	4
38	The configuration of the vitreomacular interface determines the pattern of pseudophakic cystoid macular oedema. <i>Acta Ophthalmologica</i> , 2017, 95, e347-e348.	1.1	4
39	Two dietary polyphenols, fisetin and luteolin, reduce inflammation but augment DNA damage-induced toxicity in human RPE cells. <i>Journal of Nutritional Biochemistry</i> , 2017, 42, 37-42.	4.2	34
40	The Nobel Prized cellular target autophagy in eye diseases. <i>Acta Ophthalmologica</i> , 2017, 95, 335-336.	1.1	3
41	Hypoxia and inflammation in the release of VEGF and interleukins from human retinal pigment epithelial cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1757-1762.	1.9	55
42	Cultivation and characterization of pterygium as an ex vivo study model for disease and therapy. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 283-292.	1.7	7
43	Cultivation and characterisation of the surface markers and carbohydrate profile of human corneal endothelial cells. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 509-519.	2.6	3
44	Comparative proteomic analysis of human embryonic stem cell-derived and primary human retinal pigment epithelium. <i>Scientific Reports</i> , 2017, 7, 6016.	3.3	26
45	The proteomic profile of a mouse model of proliferative vitreoretinopathy. <i>FEBS Open Bio</i> , 2017, 7, 1166-1177.	2.3	8
46	Effect of Isolation Technique and Location on the Phenotype of Human Corneal Stroma-Derived Cells. <i>Stem Cells International</i> , 2017, 2017, 1-12.	2.5	6
47	Comparative cyto-histological study of needle tip aspirates and entry sites after intravitreal injection using different needle types. <i>PLoS ONE</i> , 2017, 12, e0174467.	2.5	1
48	Vitreous hyper-reflective dots in pseudophakic cystoid macular edema assessed with optical coherence tomography. <i>PLoS ONE</i> , 2017, 12, e0189194.	2.5	3
49	Multicellular tumor spheroids of human uveal melanoma induce genes associated with anoikis resistance, lipogenesis, and SSXs. <i>Molecular Vision</i> , 2017, 23, 680-694.	1.1	8
50	Nutraceutical with Resveratrol and Omega-3 Fatty Acids Induces Autophagy in ARPE-19 Cells. <i>Nutrients</i> , 2016, 8, 284.	4.1	31
51	Anatomical success rate of pars plana vitrectomy for treatment of complex rhegmatogenous retinal detachment. <i>BMC Ophthalmology</i> , 2016, 16, 216.	1.4	36
52	Role of Human Corneal Stroma-Derived Mesenchymal-Like Stem Cells in Corneal Immunity and Wound Healing. <i>Scientific Reports</i> , 2016, 6, 26227.	3.3	45
53	The cytoprotective effect of biglycan core protein involves Toll-like receptor 4 signaling in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 99, 138-150.	1.9	23
54	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701

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55	Human pluripotent stem cell-derived limbal epithelial stem cells on bioengineered matrices for corneal reconstruction. <i>Experimental Eye Research</i> , 2016, 146, 26-34.	2.6	34
56	Microplasma Induced Cell Morphological Changes and Apoptosis of Ex Vivo Cultured Human Anterior Lens Epithelial Cells – Relevance to Capsular Opacification. <i>PLoS ONE</i> , 2016, 11, e0165883.	2.5	6
57	Comparative proteomics reveals human pluripotent stem cell-derived limbal epithelial stem cells are similar to native ocular surface epithelial cells. <i>Scientific Reports</i> , 2015, 5, 14684.	3.3	19
58	Estrogen Signalling in the Pathogenesis of Age-Related Macular Degeneration. <i>Current Eye Research</i> , 2015, 40, 226-233.	1.5	43
59	Morphological and proliferative studies on <i>ex vivo</i> cultured human anterior lens epithelial cells – relevance to capsular opacification. <i>Acta Ophthalmologica</i> , 2015, 93, e499-506.	1.1	10
60	Enhanced Regeneration of Corneal Tissue via a Bioengineered Collagen Construct Implanted by a Nondisruptive Surgical Technique. <i>Tissue Engineering - Part A</i> , 2015, 21, 1116-1130.	3.1	44
61	Ageing of the vitreous: From acute onset floaters and flashes to retinal detachment. <i>Ageing Research Reviews</i> , 2015, 21, 71-77.	10.9	42
62	Triamcinolone regulated apopto-phagocytic gene expression patterns in the clearance of dying retinal pigment epithelial cells. A key role of Mertk in the enhanced phagocytosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 435-446.	2.4	8
63	Long-Term Cultures of Human Cornea Limbal Explants Form 3D Structures Ex Vivo – Implications for Tissue Engineering and Clinical Applications. <i>PLoS ONE</i> , 2015, 10, e0143053.	2.5	25
64	Omics Technologies and Neovascular Ocular Disorders. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	1
65	Association between Mediators in the Tear Fluid and the Severity of Keratoconus. <i>Ophthalmic Research</i> , 2014, 51, 46-51.	1.9	34
66	Oxidative Stress, Hypoxia, and Autophagy in the Neovascular Processes of Age-Related Macular Degeneration. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	195
67	Effects of Awakening and the Use of Topical Dexamethasone and Levofloxacin on the Cytokine Levels in Tears Following Corneal Transplantation. <i>Journal of Immunology Research</i> , 2014, 2014, 1-8.	2.2	4
68	Characterization of ex vivo cultured neuronal- and glial- like cells from human idiopathic epiretinal membranes. <i>BMC Ophthalmology</i> , 2014, 14, 165.	1.4	8
69	A Simple Method for Establishing Adherent <i>Ex Vivo</i> Explant Cultures from Human Eye Pathologies for Use in Subsequent Calcium Imaging and Inflammatory Studies. <i>Journal of Immunology Research</i> , 2014, 2014, 1-10.	2.2	16
70	Immunogenicity of Dying Cancer Cells – The Inflammasome Connection. , 2014, , 203-219.		1
71	Herpes simplex virus types 1 and 2 modulate autophagy in SIRC corneal cells. <i>Journal of Biosciences</i> , 2014, 39, 683-692.	1.1	14
72	Comparison of upstream regulators in human ex vivo cultured cornea limbal epithelial stem cells and differentiated corneal epithelial cells. <i>BMC Genomics</i> , 2013, 14, 900.	2.8	17

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73	Does the Adult Human Ciliary Body Epithelium Contain α -Retinal Stem Cells?. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	24
74	Functional and Molecular Characterization of <i>Ex Vivo</i> Cultured Epiretinal Membrane Cells from Human Proliferative Diabetic Retinopathy. <i>BioMed Research International</i> , 2013, 2013, 1-14.	1.9	19
75	Autophagy and heterophagy dysregulation leads to retinal pigment epithelium dysfunction and development of age-related macular degeneration. <i>Autophagy</i> , 2013, 9, 973-984.	9.1	279
76	Autophagy Activation Clears ELAVL1/HuR-Mediated Accumulation of SQSTM1/p62 during Proteasomal Inhibition in Human Retinal Pigment Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e69563.	2.5	138
77	<i>Ex Vivo</i> expanded autologous limbal epithelial cells on amniotic membrane using a culture medium with human serum as single supplement. <i>Experimental Eye Research</i> , 2012, 97, 1-9.	2.6	50
78	Activation of neural progenitor cells in human eyes with proliferative vitreoretinopathy. <i>Experimental Eye Research</i> , 2012, 98, 28-36.	2.6	36
79	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
80	Cultivation and Characterization of Cornea Limbal Epithelial Stem Cells on Lens Capsule in Animal Material-Free Medium. <i>PLoS ONE</i> , 2012, 7, e47187.	2.5	44
81	Molecular mechanisms of retinal pigment epithelium damage and development of age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2012, 90, 299-309.	1.1	168
82	ATP Release from Dying Autophagic Cells and Their Phagocytosis Are Crucial for Inflammasome Activation in Macrophages. <i>PLoS ONE</i> , 2012, 7, e40069.	2.5	121
83	5'-Adenosine Monophosphate-Activated Protein Kinase—Mammalian Target of Rapamycin Axis As Therapeutic Target for Age-Related Macular Degeneration. <i>Rejuvenation Research</i> , 2011, 14, 651-660.	1.8	38
84	Cardioprotection by Endoplasmic Reticulum Stress-Induced Autophagy. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2191-2200.	5.4	105
85	Clearance of dying ARPE-19 cells by professional and nonprofessional phagocytes <i>in vitro</i> -implications for age-related macular degeneration (AMD). <i>Acta Ophthalmologica</i> , 2011, 89, e30-e34.	1.1	16
86	Pigment epithelial cells isolated from human peripheral iridectomies have limited properties of retinal stem cells. <i>Acta Ophthalmologica</i> , 2011, 89, e635-e644.	1.1	22
87	Resveratrol in cardiovascular health and disease. <i>Annals of the New York Academy of Sciences</i> , 2011, 1215, 22-33.	3.8	200
88	Autophagy Shapes Inflammation. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2233-2243.	5.4	57
89	Phagocytosis of cells dying through autophagy induces inflammasome activation and IL-1 β release in human macrophages. <i>Autophagy</i> , 2011, 7, 321-330.	9.1	58
90	Does autophagy take a front seat in lifespan extension?. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2543-2551.	3.6	37

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91	Transglutaminase-mediated Intramolecular Cross-linking of Membrane-bound α -Synuclein Promotes Amyloid Formation in Lewy Bodies. <i>Journal of Biological Chemistry</i> , 2009, 284, 27252-27264.	3.4	32
92	Cell death and autophagy: Cytokines, drugs, and nutritional factors. <i>Toxicology</i> , 2008, 254, 147-157.	4.2	118
93	Phagocytosis of Cells Dying through Autophagy Evokes a Pro-Inflammatory Response in Macrophages. <i>Autophagy</i> , 2007, 3, 508-510.	9.1	37
94	Inflammation and the apopto-phagocytic system. <i>Immunology Letters</i> , 2006, 104, 94-101.	2.5	38
95	Tools for the detection and quantitation of protein transglutamination. <i>Analytical Biochemistry</i> , 2005, 342, 1-10.	2.4	25
96	Outcomes from the Retrospective Multicenter Cross-Sectional Study on Lamellar Macular Hole Surgery. <i>Clinical Ophthalmology</i> , 0, Volume 16, 1847-1860.	1.8	4