

Thomas V Johnson

List of Publications by Year in descending order

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49
papers

1,828
citations

430754

18
h-index

395590

33
g-index

51
all docs

51
docs citations

51
times ranked

2198
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronically Monitored Corticosteroid Eye Drop Adherence after Trabeculectomy Compared to Surgical Success. <i>Ophthalmology Glaucoma</i> , 2022, , .	0.9	5
2	Demographics, clinical interests, and ophthalmology skills confidence of medical student volunteers and non-volunteers in an extracurricular community vision screening service-learning program. <i>BMC Medical Education</i> , 2022, 22, 143.	1.0	4
3	Outcomes and Revenue Generation of a Community-based Screening at a Center in the United States: The SToP Glaucoma Program. <i>Journal of Glaucoma</i> , 2022, Publish Ahead of Print, .	0.8	1
4	Analyses of transplanted human retinal ganglion cell morphology and localization in murine organotypic retinal explant culture. <i>STAR Protocols</i> , 2022, 3, 101328.	0.5	6
5	Retina-sparing suprachoroidal intraocular foreign body resulting in cyclodialysis cleft. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 26, 101571.	0.4	0
6	Aquaporin 4 is not present in normal porcine and human lamina cribrosa. <i>PLoS ONE</i> , 2022, 17, e0268541.	1.1	7
7	Systemic β -Blockers Do Not Affect Glaucoma Eye Drop Effectiveness. <i>Ophthalmology</i> , 2021, 128, 326-328.	2.5	0
8	An Algorithm for Ramp Up of Ophthalmic Elective Surgeries Post-COVID-19. <i>Ophthalmic Epidemiology</i> , 2021, 28, 90-92.	0.8	4
9	Role of the Internal Limiting Membrane in Structural Engraftment and Topographic Spacing of Transplanted Human Stem Cell-Derived Retinal Ganglion Cells. <i>Stem Cell Reports</i> , 2021, 16, 149-167.	2.3	37
10	Home Self-tonometry Trials Compared with Clinic Tonometry in Patients with Glaucoma. <i>Ophthalmology Glaucoma</i> , 2021, 4, 569-580.	0.9	9
11	The internal limiting membrane: Roles in retinal development and implications for emerging ocular therapies. <i>Experimental Eye Research</i> , 2021, 206, 108545.	1.2	16
12	Ion-Complex Microcrystal Formulation Provides Sustained Delivery of a Multimodal Kinase Inhibitor from the Subconjunctival Space for Protection of Retinal Ganglion Cells. <i>Pharmaceutics</i> , 2021, 13, 647.	2.0	10
13	Retinal Ganglion Cell Transplantation: Approaches for Overcoming Challenges to Functional Integration. <i>Cells</i> , 2021, 10, 1426.	1.8	26
14	Applicant Characteristics Associated with Glaucoma Fellowship Match from 2010-2017. <i>Ophthalmology Glaucoma</i> , 2021, , .	0.9	5
15	Response to letter from Dr. Casson et al. regarding "A method to quantify regional axonal transport blockade...". <i>Experimental Eye Research</i> , 2020, 197, 108075.	1.2	0
16	Factors Influencing Postgraduate Career Decisions of Ophthalmology Residents. <i>Journal of Academic Ophthalmology (2017)</i> , 2020, 12, e124-e133.	0.2	7
17	A method to quantify regional axonal transport blockade at the optic nerve head after short term intraocular pressure elevation in mice. <i>Experimental Eye Research</i> , 2020, 196, 108035.	1.2	16
18	Intraocular Pressure Following Prerandomization Glaucoma Medication Washout in the HORIZON and COMPASS Trials. <i>American Journal of Ophthalmology</i> , 2020, 216, 110-120.	1.7	10

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19	Artificial intelligence in glaucoma. <i>Current Opinion in Ophthalmology</i> , 2019, 30, 97-103.	1.3	72
20	Evolution of Leukemic Retinal Hemorrhages Documented by Spectral-Domain OCT and Color Fundus Photography. <i>Ophthalmology Retina</i> , 2018, 2, 494-501.	1.2	4
21	Low Sensitivity of the Van Herick Method for Detecting Gonioscopic Angle Closure Independent of Observer Expertise. <i>American Journal of Ophthalmology</i> , 2018, 195, 63-71.	1.7	12
22	Ocular Chemical Burns Secondary to Unintentional Instillation of Aqua Regia Hobbyist Reagent. <i>JAMA Ophthalmology</i> , 2017, 135, 673.	1.4	1
23	Aqueous Flow Measured by Fluorophotometry in the Mouse. , 2016, 57, 3844.		14
24	Time-Lapse Retinal Ganglion Cell Dendritic Field Degeneration Imaged in Organotypic Retinal Explant Culture. , 2016, 57, 253.		26
25	Animal Models of Glaucoma. <i>Essentials in Ophthalmology</i> , 2016, , 31-50.	0.0	2
26	Reply: Platelet-derived growth factor-BB may be involved in mesenchymal stem cell secretome-induced neuroprotection of retinal ganglion cells. <i>Brain</i> , 2014, 137, e277-e277.	3.7	1
27	Identification of retinal ganglion cell neuroprotection conferred by platelet-derived growth factor through analysis of the mesenchymal stem cell secretome. <i>Brain</i> , 2014, 137, 503-519.	3.7	148
28	Cell transplantation approaches to retinal ganglion cell neuroprotection in glaucoma. <i>Current Opinion in Pharmacology</i> , 2013, 13, 78-82.	1.7	55
29	Myocilin Mediates Myelination in the Peripheral Nervous System through ErbB2/3 Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 26357-26371.	1.6	32
30	Myocilin Stimulates Osteogenic Differentiation of Mesenchymal Stem Cells through Mitogen-activated Protein Kinase Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 16882-16894.	1.6	34
31	Thermal Stability of Bimatoprost, Latanoprost, and Travoprost Under Simulated Daily Use. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011, 27, 51-59.	0.6	23
32	Neurotrophic factor delivery as a protective treatment for glaucoma. <i>Experimental Eye Research</i> , 2011, 93, 196-203.	1.2	97
33	Broadening our focus in the search for cell transplantation-based glaucoma therapies. <i>Eye</i> , 2011, 25, 541-543.	1.1	1
34	Stem cell therapy for glaucoma: possibilities and practicalities. <i>Expert Review of Ophthalmology</i> , 2011, 6, 165-174.	0.3	26
35	Use of an Adult Rat Retinal Explant Model for Screening of Potential Retinal Ganglion Cell Neuroprotective Therapies. , 2011, 52, 3309.		88
36	Efficacy and Mechanisms of Intraocular Pressure Reduction With Latanoprost and Timolol in Participants With Ocular Hypertension: A Comparison of 1 and 6 Weeks of Treatment. <i>Journal of Glaucoma</i> , 2010, 19, 356-364.	0.8	15

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37	Identification of Barriers to Retinal Engraftment of Transplanted Stem Cells. , 2010, 51, 960.		111
38	Neuroprotective Effects of Intravitreal Mesenchymal Stem Cell Transplantation in Experimental Glaucoma. , 2010, 51, 2051.		306
39	Rodent models of glaucoma. Brain Research Bulletin, 2010, 81, 349-358.	1.4	151
40	Transplantation prospects for the inner retina. Eye, 2009, 23, 1980-1984.	1.1	35
41	Toll-like receptors: roles in neuroprotection?. Trends in Neurosciences, 2008, 31, 176-182.	4.2	76
42	Rebound Tonometry in Conscious, Conditioned Mice Avoids the Acute and Profound Effects of Anesthesia on Intraocular Pressure. Journal of Ocular Pharmacology and Therapeutics, 2008, 24, 175-185.	0.6	46
43	Development and Characterization of an Adult Retinal Explant Organotypic Tissue Culture System as an In Vitro Intraocular Stem Cell Transplantation Model. , 2008, 49, 3503.		119
44	Aqueous Humor Dynamics in Exfoliation Syndrome. JAMA Ophthalmology, 2008, 126, 914.	2.6	42
45	Stem cells for neuroprotection in glaucoma. Progress in Brain Research, 2008, 173, 511-519.	0.9	28
46	Effects of Central Corneal Thickness on the Efficacy of Topical Ocular Hypotensive Medications. Journal of Glaucoma, 2008, 17, 89-99.	0.8	23
47	Bacterial DNA Confers Neuroprotection after Optic Nerve Injury by Suppressing CD4 ⁺ CD25 ⁺ Regulatory T-Cell Activity. , 2007, 48, 3441.		14
48	T cell independent mechanism for copolymer α 1 α 2 induced neuroprotection. European Journal of Immunology, 2007, 37, 3143-3154.	1.6	62
49	Restoring partial vision to a blind patient. Faculty Reviews, 0, 11, .	1.7	0