

Toshihiro Inoue

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

3,210
citations

201385

27
h-index

197535

49
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105
all docs

105
docs citations

105
times ranked

3004
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors associated with the surgical outcomes of Baerveldt glaucoma implant for open-angle glaucoma, an age-related eye disease. <i>Scientific Reports</i> , 2022, 12, 1359.	1.6	4
2	Bilateral corneal perforation caused by neurotrophic keratopathy associated with leprosy: a case report. <i>BMC Ophthalmology</i> , 2022, 22, 42.	0.6	3
3	Factors Threatening Central Visual Function of Patients with Advanced Glaucoma. <i>Ophthalmology</i> , 2022, 129, 488-497.	2.5	7
4	Tissue Reactivity to, and Stability of, Glaucoma Drainage Device Materials Placed Under Rabbit Conjunctiva. <i>Translational Vision Science and Technology</i> , 2022, 11, 9.	1.1	2
5	Comparing Surgical Outcomes in Neovascular Glaucoma between Tube and Trabeculectomy. <i>Ophthalmology Glaucoma</i> , 2022, 5, 672-680.	0.9	5
6	RhoA Activation Decreases Phagocytosis of Trabecular Meshwork Cells. <i>Current Eye Research</i> , 2021, 46, 496-503.	0.7	8
7	N6-methyladenosine (m6A) is an endogenous A3 adenosine receptor ligand. <i>Molecular Cell</i> , 2021, 81, 659-674.e7.	4.5	28
8	Correlation between intraocular pressure reduction and anterior chamber aqueous flare after micropulse transscleral cyclophotocoagulation. <i>BMC Ophthalmology</i> , 2021, 21, 266.	0.6	3
9	Intraocular Pressure-Lowering Effects of Trabeculectomy Versus MicroShunt Insertion in Rabbit Eyes. <i>Translational Vision Science and Technology</i> , 2021, 10, 9.	1.1	13
10	Aqueous Cytokine Levels Are Associated With Progression of Peripheral Anterior Synechiae After Descemet Stripping Automated Endothelial Keratoplasty. <i>Translational Vision Science and Technology</i> , 2021, 10, 12.	1.1	2
11	Potential roles of the IL-6 family in conjunctival fibrosis. <i>Experimental Eye Research</i> , 2021, 210, 108708.	1.2	5
12	Binasal hemianopia caused by bilateral optic perineuritis due to sarcoidosis. <i>ENeurologicalSci</i> , 2021, 24, 100354.	0.5	4
13	Suberoylanilide hydroxamic acid (SAHA) inhibits transforming growth factor-beta 2-induced increases in aqueous humor outflow resistance. <i>Journal of Biological Chemistry</i> , 2021, 297, 101070.	1.6	9
14	The effects of exosomes derived from trabecular meshwork cells on Schlemm's canal endothelial cells. <i>Scientific Reports</i> , 2021, 11, 21942.	1.6	5
15	Elevated Cytokine Levels in Aqueous Humor Are Associated with Peripheral Anterior Synechiae after Penetrating Keratoplasty. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12268.	1.8	3
16	Predicting Humphrey 10-2 visual field from 24-2 visual field in eyes with advanced glaucoma. <i>British Journal of Ophthalmology</i> , 2020, 104, 642-647.	2.1	11
17	The angiogenic effects of exosomes secreted from retinal pigment epithelial cells on endothelial cells. <i>Biochemistry and Biophysics Reports</i> , 2020, 22, 100760.	0.7	10
18	Intraocular pressure-lowering effects of ripasudil in uveitic glaucoma, exfoliation glaucoma, and steroid-induced glaucoma patients: ROCK-S, a multicentre historical cohort study. <i>Scientific Reports</i> , 2020, 10, 10308.	1.6	25

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19	TGF- β 2-induced activation of conjunctival fibroblasts is modulated by FGF-2 and substratum stiffness. PLoS ONE, 2020, 15, e0242626.	1.1	15
20	Early bleb parameters as long-term prognostic factors for surgical success: a retrospective observational study using three-dimensional anterior-segment optical coherence tomography. BMC Ophthalmology, 2019, 19, 155.	0.6	13
21	Relationship between Vision-Related Quality of Life and Central 10 Å° of the Binocular Integrated Visual Field in Advanced Glaucoma. Scientific Reports, 2019, 9, 14990.	1.6	19
22	Efficacy and safety of Ex-PRESS Å° mini shunt surgery versus trabeculectomy for neovascular glaucoma: a retrospective comparative study. BMC Ophthalmology, 2019, 19, 75.	0.6	14
23	DNA methyltransferase inhibitor suppresses fibrogenetic changes in human conjunctival fibroblasts. Molecular Vision, 2019, 25, 382-390.	1.1	2
24	Decreased MCP-1/CCR2 axis-mediated chemotactic effect of conjunctival fibroblasts after transdifferentiation into myofibroblasts. Experimental Eye Research, 2018, 170, 76-80.	1.2	5
25	Stimulation of the adenosine A3 receptor, not the A1 or A2 receptors, promote neurite outgrowth of retinal ganglion cells. Experimental Eye Research, 2018, 170, 160-168.	1.2	23
26	Interaction Between Pilocarpine and Ripasudil on Intraocular Pressure, Pupil Diameter, and the Aqueous-Outflow Pathway. , 2018, 59, 1844.		9
27	Interleukin-6 Å° mediated trans-signaling inhibits transforming growth factor- β 2 signaling in trabecular meshwork cells. Journal of Biological Chemistry, 2018, 293, 10975-10984.	1.6	30
28	YAP/TAZ Are Essential for TGF- β 2 Å° Mediated Conjunctival Fibrosis. , 2018, 59, 3069.		54
29	Efficacy of Ripasudil as a Second-line Medication in Addition to a Prostaglandin Analog in Patients with Exfoliation Glaucoma: A Pilot Study. Clinical Drug Investigation, 2017, 37, 535-539.	1.1	19
30	Ripasudil hydrochloride hydrate: targeting Rho kinase in the treatment of glaucoma. Expert Opinion on Pharmacotherapy, 2017, 18, 1669-1673.	0.9	32
31	Inhibition of Rho Kinase Induces Antioxidative Molecules and Suppresses Reactive Oxidative Species in Trabecular Meshwork Cells. Journal of Ophthalmology, 2017, 2017, 1-23.	0.6	14
32	Prospective 3D Investigation of Bleb Wall after Trabeculectomy Using Anterior-Segment OCT. Journal of Ophthalmology, 2017, 2017, 1-7.	0.6	4
33	Rho Kinase in Eye Disease. Journal of Ophthalmology, 2017, 2017, 1-2.	0.6	5
34	Molecular Mechanisms Underlying the Filtration Bleb-Maintaining Effects of Suberoylanilide Hydroxamic Acid (SAHA). , 2017, 58, 2421.		9
35	Visualization of Intravital Immune Cell Dynamics After Conjunctival Surgery Using Multiphoton Microscopy. , 2016, 57, 1207.		6
36	Potential Neuroprotective Effects of an LSD1 Inhibitor in Retinal Ganglion Cells via p38 MAPK Activity. , 2016, 57, 6461.		22

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37	Factors Influencing Aqueous Proinflammatory Cytokines and Growth Factors in Uveitic Glaucoma. PLoS ONE, 2016, 11, e0147080.	1.1	57
38	Data on early postoperative changes in aqueous monocyte chemoattractant protein-1 levels after phacoemulsification. Data in Brief, 2016, 9, 922-925.	0.5	0
39	Prospective observation of filtration blebs in high-risk eyes with limbal-based conjunctival flap. Canadian Journal of Ophthalmology, 2016, 51, 431-437.	0.4	2
40	The effects of ripasudil (K-115), a Rho kinase inhibitor, on activation of human conjunctival fibroblasts. Experimental Eye Research, 2016, 149, 107-115.	1.2	38
41	Effects of K-115 (Ripasudil), a novel ROCK inhibitor, on trabecular meshwork and Schlemm's canal endothelial cells. Scientific Reports, 2016, 6, 19640.	1.6	106
42	Angle closure caused by a plateau-like iris associated with an enlarged Soemmering's ring: a case report. BMC Ophthalmology, 2016, 16, 49.	0.6	3
43	Bleb-like Finding Caused by Idiopathic Scleral Thinning in an Eye With Absolute Glaucoma. Journal of Glaucoma, 2016, 25, e288-e290.	0.8	1
44	One-year clinical evaluation of 0.4% ripasudil (K-115) in patients with open-angle glaucoma and ocular hypertension. Acta Ophthalmologica, 2016, 94, e26-34.	0.6	96
45	Live cell imaging of actin dynamics in dexamethasone-treated porcine trabecular meshwork cells. Experimental Eye Research, 2016, 145, 393-400.	1.2	17
46	The Influence of Phacoemulsification on Surgical Outcomes of Trabeculectomy with Mitomycin-C for Uveitic Glaucoma. PLoS ONE, 2016, 11, e0151947.	1.1	11
47	Vascular Endothelial Growth Factor-A Increases the Aqueous Humor Outflow Facility. PLoS ONE, 2016, 11, e0161332.	1.1	20
48	Intraocular pressure-lowering effects of a Rho kinase inhibitor, ripasudil (K-115), over 24 hours in primary open-angle glaucoma and ocular hypertension: a randomized, open-label, crossover study. Acta Ophthalmologica, 2015, 93, e254-60.	0.6	94
49	Efficacy and safety of SNJ-1656 in primary open-angle glaucoma or ocular hypertension. Acta Ophthalmologica, 2015, 93, e393-5.	0.6	26
50	p38 MAP Kinase Inhibitor Suppresses Transforming Growth Factor- β -Induced Type 1 Collagen Production in Trabecular Meshwork Cells. PLoS ONE, 2015, 10, e0120774.	1.1	30
51	Simultaneous Increase in Multiple Proinflammatory Cytokines in the Aqueous Humor in Neovascular Glaucoma With and Without Intravitreal Bevacizumab Injection. , 2015, 56, 3541.		38
52	Filtering Blebs Using 3-Dimensional Anterior-Segment Optical Coherence Tomography. JAMA Ophthalmology, 2015, 133, 148.	1.4	31
53	Evaluation of filtering blebs exhibiting transconjunctival oozing using anterior segment optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 439-445.	1.0	12
54	Elevated intraocular pressure induces Rho GTPase mediated contractile signaling in the trabecular meshwork. Experimental Eye Research, 2015, 136, 29-33.	1.2	28

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55	Additive Intraocular Pressure—Lowering Effects of the Rho Kinase Inhibitor Ripasudil (K-115) Combined With Timolol or Latanoprost. <i>JAMA Ophthalmology</i> , 2015, 133, 755.	1.4	108
56	In vivo imaging of axonal transport of mitochondria in the diseased and aged mammalian CNS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10515-10520.	3.3	146
57	Postoperative Changes in Aqueous Monocyte Chemotactic Protein-1 Levels and Bleb Morphology after Trabeculectomy vs. Ex-PRESS Shunt Surgery. <i>PLoS ONE</i> , 2015, 10, e0139751.	1.1	11
58	Tear fluid signs associated with filtration blebs, as demonstrated by three-dimensional anterior segment optical coherence tomography. <i>Clinical Ophthalmology</i> , 2014, 8, 767.	0.9	2
59	Fornix-based versus limbal-based conjunctival flaps in trabeculectomy with mitomycin C in high-risk patients. <i>Clinical Ophthalmology</i> , 2014, 8, 949.	0.9	8
60	Monocyte chemotactic protein-1 level in the aqueous humour as a prognostic factor for the outcome of trabeculectomy. <i>Clinical and Experimental Ophthalmology</i> , 2014, 42, 334-341.	1.3	39
61	Trabeculectomy for Open-angle Glaucoma in Phakic Eyes vs in Pseudophakic Eyes After Phacoemulsification. <i>JAMA Ophthalmology</i> , 2014, 132, 69.	1.4	53
62	Filtration Bleb Revision Guided by 3-Dimensional Anterior Segment Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2014, 23, 312-315.	0.8	15
63	Risk Factors for Hyphema After Trabeculectomy With Mitomycin C. <i>Journal of Glaucoma</i> , 2014, 23, 307-311.	0.8	20
64	A Growth-Promoting Signaling Component Cyclin D1 in Neural Stem Cells Has Antiastroglial Function to Execute Self-Renewal. <i>Stem Cells</i> , 2014, 32, 1602-1615.	1.4	32
65	Epithelial mesenchymal transition-like phenomenon in trabecular meshwork cells. <i>Experimental Eye Research</i> , 2014, 118, 72-79.	1.2	39
66	Long-Term Outcomes and Complications of Trabeculectomy for Secondary Glaucoma in Patients with Familial Amyloidotic Polyneuropathy. <i>PLoS ONE</i> , 2014, 9, e96324.	1.1	11
67	Long-term efficacy of goniosynechialysis combined with phacoemulsification for primary angle closure. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 825-830.	1.0	44
68	Rho-associated kinase inhibitors: A novel glaucoma therapy. <i>Progress in Retinal and Eye Research</i> , 2013, 37, 1-12.	7.3	129
69	Phase 1 Clinical Trials of a Selective Rho Kinase Inhibitor, K-115. <i>JAMA Ophthalmology</i> , 2013, 131, 1288.	1.4	113
70	Prognostic factors in trabeculectomy with mitomycin C having history of previous glaucoma surgery. <i>Japanese Journal of Ophthalmology</i> , 2013, 57, 514-519.	0.9	7
71	Phase 2 Randomized Clinical Study of a Rho Kinase Inhibitor, K-115, in Primary Open-Angle Glaucoma and Ocular Hypertension. <i>American Journal of Ophthalmology</i> , 2013, 156, 731-736.e2.	1.7	160
72	Frequency and Risk Factors for Neovascular Glaucoma After Vitrectomy in Eyes With Proliferative Diabetic Retinopathy. <i>Journal of Glaucoma</i> , 2013, 22, 572-576.	0.8	45

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73	The Effect of Rho-Associated Kinase Inhibition on the Ocular Penetration of Timolol Maleate. , 2013, 54, 1118.		26
74	A prospective comparison between trabeculectomy with mitomycin C and phacotrabeculectomy with mitomycin C. Acta Ophthalmologica, 2013, 91, e500-e501.	0.6	52
75	Elevated Levels of Multiple Biomarkers of Alzheimer's Disease in the Aqueous Humor of Eyes With Open-Angle Glaucoma. , 2013, 54, 5353.		69
76	Risk factors for choroidal detachment after trabeculectomy with mitomycin C. Clinical Ophthalmology, 2013, 7, 1417.	0.9	24
77	Oxidative stress response signaling pathways in trabecular meshwork cells and their effects on cell viability. Molecular Vision, 2013, 19, 1332-40.	1.1	23
78	The Effect of Monocyte Chemoattractant Protein-1/CC Chemokine Ligand 2 on Aqueous Humor Outflow Facility. , 2012, 53, 6702.		17
79	Involvement of RhoA/Rho-Associated Kinase Signal Transduction Pathway in Dexamethasone-Induced Alterations in Aqueous Outflow. , 2012, 53, 7097.		58
80	Prognostic risk factors for failure of trabeculectomy with mitomycin C after vitrectomy. Japanese Journal of Ophthalmology, 2012, 56, 464-469.	0.9	29
81	Impact of phacoemulsification on failure of trabeculectomy with mitomycin-C. Journal of Cataract and Refractive Surgery, 2012, 38, 419-424.	0.7	25
82	Simultaneous increases in multiple proinflammatory cytokines in the aqueous humor in pseudophakic glaucomatous eyes. Journal of Cataract and Refractive Surgery, 2012, 38, 1389-1397.	0.7	85
83	Reply : Queries/errors: Trabeculectomy with early/late phacoemulsification. Journal of Cataract and Refractive Surgery, 2012, 38, 1303.	0.7	0
84	Precise Identification of Filtration Openings on the Scleral Flap by Three-Dimensional Anterior Segment Optical Coherence Tomography. , 2012, 53, 8288.		33
85	Elevated Levels of Monocyte Chemoattractant Protein-1 in the Aqueous Humor after Phacoemulsification. , 2012, 53, 7951.		60
86	The Effect of Rho-Associated Protein Kinase Inhibitor on Monkey Schlemm's Canal Endothelial Cells. , 2012, 53, 3092.		86
87	Dynamic Imaging of Axonal Transport in Living Retinal Ganglion Cells In Vitro. , 2011, 52, 3039.		27
88	Trabeculectomy With Mitomycin for Open-Angle Glaucoma in Phakic vs Pseudophakic Eyes After Phacoemulsification. JAMA Ophthalmology, 2011, 129, 152.	2.6	58
89	Wnt3a Promotes Hippocampal Neurogenesis by Shortening Cell Cycle Duration of Neural Progenitor Cells. Cellular and Molecular Neurobiology, 2010, 30, 1049-1058.	1.7	32
90	Involvement of the Hipk family in regulation of eyeball size, lens formation and retinal morphogenesis. FEBS Letters, 2010, 584, 3233-3238.	1.3	25

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91	Characterization of Cytoskeleton-Enriched Protein Fraction of the Trabecular Meshwork and Ciliary Muscle Cells. , 2010, 51, 6461.		15
92	Effects of chemical inhibition of N-WASP, a critical regulator of actin polymerization on aqueous humor outflow through the conventional pathway. Experimental Eye Research, 2010, 90, 360-367.	1.2	7
93	RGS2-deficient mice exhibit decreased intraocular pressure and increased retinal ganglion cell survival. Molecular Vision, 2009, 15, 495-504.	1.1	8
94	Discovery of Substituted 4-(Pyrazol-4-yl)-phenylbenzodioxane-2-carboxamides as Potent and Highly Selective Rho Kinase (ROCK-II) Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 6642-6645.	2.9	84
95	Stabilized β^2 -Catenin Functions through TCF/LEF Proteins and the Notch/RBP-J δ Complex To Promote Proliferation and Suppress Differentiation of Neural Precursor Cells. Molecular and Cellular Biology, 2008, 28, 7427-7441.	1.1	163
96	Long-term Relationship Between Intraocular Pressure and Visual Field Loss in Primary Open-angle Glaucoma. Journal of Glaucoma, 2008, 17, 275-279.	0.8	22
97	Effects of Pharmacologic Inhibition of Protein Geranylgeranyltransferase Type I on Aqueous Humor Outflow through the Trabecular Meshwork. , 2008, 49, 2464.		16
98	Media conditioned by retinal pigment epithelial cells suppress the canonical Wnt pathway. Neuroscience Letters, 2007, 424, 190-193.	1.0	1
99	Stability of the Central Visual Field After Modern Trabeculectomy Techniques in Eyes with Advanced Glaucoma. Japanese Journal of Ophthalmology, 2007, 51, 116-120.	0.9	7
100	Loss of vision due to a physiologic pituitary enlargement during normal pregnancy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 1049-1051.	1.0	20
101	Activation of Canonical Wnt Pathway Promotes Proliferation of Retinal Stem Cells Derived from Adult Mouse Ciliary Margin. Stem Cells, 2006, 24, 95-104.	1.4	72
102	Basic fibroblast growth factor endows dorsal telencephalic neural progenitors with the ability to differentiate into oligodendrocytes but not l^3 -aminobutyric acidergic neurons. Journal of Neuroscience Research, 2006, 83, 731-743.	1.3	27
103	Preferential differentiation of neural progenitor cells into the glial lineage through gp130 signaling in N-methyl-d-aspartate-treated retinas. Brain Research, 2005, 1055, 7-14.	1.1	1
104	Mitomycin C trabeculectomy in an eye with cicatricial conjunctiva following amniotic membrane transplantation. Acta Ophthalmologica, 2003, 81, 673-674.	0.4	4