Hidenobu Tanihara

List of Publications by Year
in descending order

71	2,264	279487 23	264894 42
papers	citations	h-index	g-index

73	73	73	2207
all docs	docs citations	times ranked	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. Scientific Reports, 2022, 12, 1359.	1.6	4
2	Long-Term Intraocular Pressure-Lowering Effects and Adverse Events of Ripasudil in Patients with Glaucoma or Ocular Hypertension over 24ÂMonths. Advances in Therapy, 2022, 39, 1659-1677.	1.3	11
3	RhoA Activation Decreases Phagocytosis of Trabecular Meshwork Cells. Current Eye Research, 2021, 46, 496-503.	0.7	8
4	N6-methyladenosine (m6A) is an endogenous A3 adenosine receptor ligand. Molecular Cell, 2021, 81, 659-674.e7.	4.5	28
5	Intraocular Pressure-Lowering Effects of Trabeculectomy Versus MicroShunt Insertion in Rabbit Eyes. Translational Vision Science and Technology, 2021, 10, 9.	1.1	13
6	Potential roles of the IL-6 family in conjunctival fibrosis. Experimental Eye Research, 2021, 210, 108708.	1.2	5
7	Suberoylanilide hydroxamic acid (SAHA) inhibits transforming growth factor-beta 2-induced increases in aqueous humor outflow resistance. Journal of Biological Chemistry, 2021, 297, 101070.	1.6	9
8	Changes in corneal endothelial cell shape after treatment with one drop of ROCK inhibitor. International Ophthalmology, 2020, 40, 411-417.	0.6	4
9	Safety and efficacy of ripasudil in Japanese patients with glaucoma or ocular hypertension: 12-month interim analysis of ROCK-J, a post-marketing surveillance study. BMC Ophthalmology, 2020, 20, 275.	0.6	23
10	The angiogenic effects of exosomes secreted from retinal pigment epithelial cells on endothelial cells. Biochemistry and Biophysics Reports, 2020, 22, 100760.	0.7	10
11	Intraocular pressure-lowering effects of ripasudil in uveitic glaucoma, exfoliation glaucoma, and steroid-induced glaucoma patients: ROCK-S, a multicentre historical cohort study. Scientific Reports, 2020, 10, 10308.	1.6	25
12	TGF-Î²-induced activation of conjunctival fibroblasts is modulated by FGF-2 and substratum stiffness. PLoS ONE, 2020, 15, e0242626.	1.1	15
13	Clinical Features of Disaster-Associated Direct Deaths during Recent Inland Earthquakes in Japan. Tohoku Journal of Experimental Medicine, 2020, 251, 169-173.	0.5	5
14	Spatial and Temporal Relationship between Structural Progression and Disc Hemorrhage in Glaucoma in a 3-Year Prospective Study. Ophthalmology Glaucoma, 2020, , .	0.9	2
15	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
16	Efficacy and safety of Ex-PRESSÂ® mini shunt surgery versus trabeculectomy for neovascular glaucoma: a retrospective comparative study. BMC Ophthalmology, 2019, 19, 75.	0.6	14
17	Safety and Efficacy of Ripasudil in Japanese Patients with Glaucoma or Ocular Hypertension: 3-month Interim Analysis of ROCK-J, a Post-Marketing Surveillance Study. Advances in Therapy, 2019, 36, 333-343.	1.3	25
18	DNA methyltransferase inhibitor suppresses fibrogenetic changes in human conjunctival fibroblasts. Molecular Vision, 2019, 25, 382-390.	1.1	2

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19	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
20	Establishment of Immunodeficient Retinal Degeneration Model Mice and Functional Maturation of Human ESC-Derived Retinal Sheets after Transplantation. Stem Cell Reports, 2018, 10, 1059-1074.	2.3	87
21	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
22	Impact of the clinical use of ROCK inhibitor on the pathogenesis and treatment of glaucoma. Japanese Journal of Ophthalmology, 2018, 62, 109-126.	0.9	65
23	Treatâ€andâ€extend versus everyâ€otherâ€month regimens with aflibercept in ageâ€related macular degeneration. Acta Ophthalmologica, 2018, 96, e393-e398.	0.6	33
24	Interaction Between Pilocarpine and Ripasudil on Intraocular Pressure, Pupil Diameter, and the Aqueous-Outflow Pathway. , 2018, 59, 1844.		9
25	Interleukin-6â€“mediated trans-signaling inhibits transforming growth factor-Î² signaling in trabecular meshwork cells. Journal of Biological Chemistry, 2018, 293, 10975-10984.	1.6	30
26	YAP/TAZ Are Essential for TGF-Î²2â€“Mediated Conjunctival Fibrosis. , 2018, 59, 3069.		54
27	Protruded retinal layers within the optic nerve head neuroretinal rim. Acta Ophthalmologica, 2018, 96, e493-e502.	0.6	2
28	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
29	Ripasudil hydrochloride hydrate: targeting Rho kinase in the treatment of glaucoma. Expert Opinion on Pharmacotherapy, 2017, 18, 1669-1673.	0.9	32
30	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
31	Prospective 3D Investigation of Bleb Wall after Trabeculectomy Using Anterior-Segment OCT. Journal of Ophthalmology, 2017, 2017, 1-7.	0.6	4
32	Molecular Mechanisms Underlying the Filtration Bleb-Maintaining Effects of Suberoylanilide Hydroxamic Acid (SAHA). , 2017, 58, 2421.		9
33	Determinants and Characteristics of Bruch's Membrane Opening and Bruch's Membrane Openingâ€“Minimum Rim Width in a Normal Japanese Population. , 2017, 58, 4106.		34
34	Differentiated Expression Patterns and Phagocytic Activities of Type 1 and 2 Microglia. , 2016, 57, 2814.		8
35	Sutureless intrascleral intraocular lens fixation with lamellar dissection of scleral tunnel. Clinical Ophthalmology, 2016, 10, 227.	0.9	18
36	Visualization of Intravital Immune Cell Dynamics After Conjunctival Surgery Using Multiphoton Microscopy. , 2016, 57, 1207.		6

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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	Comparing Trabeculectomy Outcomes between First and Second Operated Eyes: A Multicenter Study. PLoS ONE, 2016, 11, e0162569.	1.1	6
39	Efficacy of valproic acid for retinitis pigmentosa patients: a pilot study. Clinical Ophthalmology, 2016, Volume 10, 1375-1384.	0.9	27
40	Data on early postoperative changes in aqueous monocyte chemoattractant protein-1 levels after phacoemulsification. Data in Brief, 2016, 9, 922-925.	0.5	0
41	Effects of mechanical stress and vitreous samples in retinal pigment epithelial cells. Biochemical and Biophysical Research Communications, 2016, 470, 569-574.	1.0	8
42	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
43	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
44	Effects of K-115 (Ripasudil), a novel ROCK inhibitor, on trabecular meshwork and Schlemmâ€™s canal endothelial cells. Scientific Reports, 2016, 6, 19640.	1.6	106
45	Angle closure caused by a plateau-like iris associated with an enlarged Soemmeringâ€™s ring: a case report. BMC Ophthalmology, 2016, 16, 49.	0.6	3
46	Oneâ€year clinical evaluation of 0.4% ripasudil (Kâ€115) in patients with openâ€angle glaucoma and ocular hypertension. Acta Ophthalmologica, 2016, 94, e26-34.	0.6	96
47	SLC1A1 Gene Variants and Normal Tension Glaucoma: An Association Study. Ophthalmic Genetics, 2016, 37, 194-200.	0.5	2
48	Live cell imaging of actin dynamics in dexamethasone-treated porcine trabecular meshwork cells. Experimental Eye Research, 2016, 145, 393-400.	1.2	17
49	The Influence of Phacoemulsification on Surgical Outcomes of Trabeculectomy with Mitomycin-C for Uveitic Glaucoma. PLoS ONE, 2016, 11, e0151947.	1.1	11
50	Vascular Endothelial Growth Factor-A Increases the Aqueous Humor Outflow Facility. PLoS ONE, 2016, 11, e0161332.	1.1	20
51	Intraâ€ocular pressureâ€lowering effects of a Rho kinase inhibitor, ripasudil (Kâ€115), over 24Âhours in primary openâ€angle glaucoma and ocular hypertension: a randomized, openâ€label, crossover study. Acta Ophthalmologica, 2015, 93, e254-60.	0.6	94
52	Efficacy and safety of <scp>SNJ</scp>â€1656 in primary openâ€angle glaucoma or ocular hypertension. Acta Ophthalmologica, 2015, 93, e393-5.	0.6	26
53	p38 MAP Kinase Inhibitor Suppresses Transforming Growth Factor-Î²2â€“Induced Type 1 Collagen Production in Trabecular Meshwork Cells. PLoS ONE, 2015, 10, e0120774.	1.1	30
54	Filtering Blebs Using 3-Dimensional Anterior-Segment Optical Coherence Tomography. JAMA Ophthalmology, 2015, 133, 148.	1.4	31

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55	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
56	Additive Intraocular Pressureâ€“Lowering Effects of the Rho Kinase Inhibitor Ripasudil (K-115) Combined With Timolol or Latanoprost. JAMA Ophthalmology, 2015, 133, 755.	1.4	108
57	In vivo imaging of axonal transport of mitochondria in the diseased and aged mammalian CNS. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10515-10520.	3.3	146
58	Postoperative Changes in Aqueous Monocyte Chemotactic Protein-1 Levels and Bleb Morphology after Trabeculectomy vs. Ex-PRESS Shunt Surgery. PLoS ONE, 2015, 10, e0139751.	1.1	11
59	Tear fluid signs associated with filtration blebs, as demonstrated by three-dimensional anterior segment optical coherence tomography. Clinical Ophthalmology, 2014, 8, 767.	0.9	2
60	Fornix-based versus limbal-based conjunctival flaps in trabeculectomy with mitomycin C in high-risk patients. Clinical Ophthalmology, 2014, 8, 949.	0.9	8
61	Trabeculectomy for Open-angle Glaucoma in Phakic Eyes vs in Pseudophakic Eyes After Phacoemulsification. JAMA Ophthalmology, 2014, 132, 69.	1.4	53
62	Filtration Bleb Revision Guided by 3-Dimensional Anterior Segment Optical Coherence Tomography. Journal of Glaucoma, 2014, 23, 312-315.	0.8	15
63	Epithelial mesenchymal transition-like phenomenon in trabecular meshwork cells. Experimental Eye Research, 2014, 118, 72-79.	1.2	39
64	Long-Term Outcomes and Complications of Trabeculectomy for Secondary Glaucoma in Patients with Familial Amyloidotic Polyneuropathy. PLoS ONE, 2014, 9, e96324.	1.1	11
65	Phase 1 Clinical Trials of a Selective Rho Kinase Inhibitor, K-115. JAMA Ophthalmology, 2013, 131, 1288.	1.4	113
66	Phase 2 Randomized Clinical Study of a Rho Kinase Inhibitor, K-115, in Primary Open-Angle Glaucoma and Ocular Hypertension. American Journal of Ophthalmology, 2013, 156, 731-736.e2.	1.7	160
67	Oxidative stress response signaling pathways in trabecular meshwork cells and their effects on cell viability. Molecular Vision, 2013, 19, 1332-40.	1.1	23
68	Involvement of RhoA/Rho-Associated Kinase Signal Transduction Pathway in Dexamethasone-Induced Alterations in Aqueous Outflow. , 2012, 53, 7097.		58
69	Precise Identification of Filtration Openings on the Scleral Flap by Three-Dimensional Anterior Segment Optical Coherence Tomography. , 2012, 53, 8288.		33
70	The Effect of Rho-Associated Protein Kinase Inhibitor on Monkey Schlemm's Canal Endothelial Cells. , 2012, 53, 3092.		86
71	Tumor Necrosis Factor-Î± Regulates Transforming Growth Factor-Î²-dependent Epithelial-Mesenchymal Transition by Promoting Hyaluronan-CD44-Moesin Interaction. Journal of Biological Chemistry, 2010, 285, 4060-4073.	1.6	143