

Hidenobu Tanihara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2565388/publications.pdf>

Version: 2024-02-01

71
papers

2,264
citations

279487

23
h-index

264894

42
g-index

73
all docs

73
docs citations

73
times ranked

2207
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Tumor Necrosis Factor- α Regulates Transforming Growth Factor- β -dependent Epithelial-Mesenchymal Transition by Promoting Hyaluronan-CD44-Moesin Interaction. <i>Journal of Biological Chemistry</i> , 2010, 285, 4060-4073.	1.6	143
4	Phase 1 Clinical Trials of a Selective Rho Kinase Inhibitor, K-115. <i>JAMA Ophthalmology</i> , 2013, 131, 1288.	1.4	113
5	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
6	Effects of K-115 (Ripasudil), a novel ROCK inhibitor, on trabecular meshwork and Schlemm's canal endothelial cells. <i>Scientific Reports</i> , 2016, 6, 19640.	1.6	106
7	One-year clinical evaluation of 0.4% ripasudil (K-115) in patients with open-angle glaucoma and ocular hypertension. <i>Acta Ophthalmologica</i> , 2016, 94, e26-34.	0.6	96
8	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. <i>Acta Ophthalmologica</i> , 2015, 93, e254-60.	0.6	94
9	Establishment of Immunodeficient Retinal Degeneration Model Mice and Functional Maturation of Human ESC-Derived Retinal Sheets after Transplantation. <i>Stem Cell Reports</i> , 2018, 10, 1059-1074.	2.3	87
10	The Effect of Rho-Associated Protein Kinase Inhibitor on Monkey Schlemm's Canal Endothelial Cells. , 2012, 53, 3092.		86
11	Impact of the clinical use of ROCK inhibitor on the pathogenesis and treatment of glaucoma. <i>Japanese Journal of Ophthalmology</i> , 2018, 62, 109-126.	0.9	65
12	Involvement of RhoA/Rho-Associated Kinase Signal Transduction Pathway in Dexamethasone-Induced Alterations in Aqueous Outflow. , 2012, 53, 7097.		58
13	Factors Influencing Aqueous Proinflammatory Cytokines and Growth Factors in Uveitic Glaucoma. <i>PLoS ONE</i> , 2016, 11, e0147080.	1.1	57
14	YAP/TAZ Are Essential for TGF- β -Mediated Conjunctival Fibrosis. , 2018, 59, 3069.		54
15	Trabeculectomy for Open-angle Glaucoma in Phakic Eyes vs in Pseudophakic Eyes After Phacoemulsification. <i>JAMA Ophthalmology</i> , 2014, 132, 69.	1.4	53
16	Epithelial mesenchymal transition-like phenomenon in trabecular meshwork cells. <i>Experimental Eye Research</i> , 2014, 118, 72-79.	1.2	39
17	The effects of ripasudil (K-115), a Rho kinase inhibitor, on activation of human conjunctival fibroblasts. <i>Experimental Eye Research</i> , 2016, 149, 107-115.	1.2	38
18	Determinants and Characteristics of Bruch's Membrane Opening and Bruch's Membrane Opening-Minimum Rim Width in a Normal Japanese Population. , 2017, 58, 4106.		34

#	ARTICLE	IF	CITATIONS
19	Precise Identification of Filtration Openings on the Scleral Flap by Three-Dimensional Anterior Segment Optical Coherence Tomography. , 2012, 53, 8288.		33
20	Treatâ€andâ€extend versus everyâ€otherâ€month regimens with aflibercept in ageâ€related macular degeneration. Acta Ophthalmologica, 2018, 96, e393-e398.	0.6	33
21	Ripasudil hydrochloride hydrate: targeting Rho kinase in the treatment of glaucoma. Expert Opinion on Pharmacotherapy, 2017, 18, 1669-1673.	0.9	32
22	Filtering Blebs Using 3-Dimensional Anterior-Segment Optical Coherence Tomography. JAMA Ophthalmology, 2015, 133, 148.	1.4	31
23	p38 MAP Kinase Inhibitor Suppresses Transforming Growth Factor-Î²-Induced Type 1 Collagen Production in Trabecular Meshwork Cells. PLoS ONE, 2015, 10, e0120774.	1.1	30
24	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
25	N6-methyladenosine (m6A) is an endogenous A3 adenosine receptor ligand. Molecular Cell, 2021, 81, 659-674.e7.	4.5	28
26	Efficacy of valproic acid for retinitis pigmentosa patients: a pilot study. Clinical Ophthalmology, 2016, Volume 10, 1375-1384.	0.9	27
27	Efficacy and safety of <sc>SNJ</sc>â€1656 in primary openâ€angle glaucoma or ocular hypertension. Acta Ophthalmologica, 2015, 93, e393-5.	0.6	26
28	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
29	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
30	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
31	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
32	Oxidative stress response signaling pathways in trabecular meshwork cells and their effects on cell viability. Molecular Vision, 2013, 19, 1332-40.	1.1	23
33	Vascular Endothelial Growth Factor-A Increases the Aqueous Humor Outflow Facility. PLoS ONE, 2016, 11, e0161332.	1.1	20
34	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
35	Sutureless intrascleral intraocular lens fixation with lamellar dissection of scleral tunnel. Clinical Ophthalmology, 2016, 10, 227.	0.9	18
36	Live cell imaging of actin dynamics in dexamethasone-treated porcine trabecular meshwork cells. Experimental Eye Research, 2016, 145, 393-400.	1.2	17

#	ARTICLE	IF	CITATIONS
37	Filtration Bleb Revision Guided by 3-Dimensional Anterior Segment Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2014, 23, 312-315.	0.8	15
38	TGF- β 2-induced activation of conjunctival fibroblasts is modulated by FGF-2 and substratum stiffness. <i>PLoS ONE</i> , 2020, 15, e0242626.	1.1	15
39	Inhibition of Rho Kinase Induces Antioxidative Molecules and Suppresses Reactive Oxidative Species in Trabecular Meshwork Cells. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-23.	0.6	14
40	Efficacy and safety of Ex-PRESS [®] mini shunt surgery versus trabeculectomy for neovascular glaucoma: a retrospective comparative study. <i>BMC Ophthalmology</i> , 2019, 19, 75.	0.6	14
41	Early bleb parameters as long-term prognostic factors for surgical success: a retrospective observational study using three-dimensional anterior-segment optical coherence tomography. <i>BMC Ophthalmology</i> , 2019, 19, 155.	0.6	13
42	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
43	Evaluation of filtering blebs exhibiting transconjunctival oozing using anterior segment optical coherence tomography. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 439-445.	1.0	12
44	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
45	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
46	The Influence of Phacoemulsification on Surgical Outcomes of Trabeculectomy with Mitomycin-C for Uveitic Glaucoma. <i>PLoS ONE</i> , 2016, 11, e0151947.	1.1	11
47	Long-Term Intraocular Pressure-Lowering Effects and Adverse Events of Ripasudil in Patients with Glaucoma or Ocular Hypertension over 24 Months. <i>Advances in Therapy</i> , 2022, 39, 1659-1677.	1.3	11
48	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
49	Molecular Mechanisms Underlying the Filtration Bleb-Maintaining Effects of Suberoylanilide Hydroxamic Acid (SAHA). <i>Journal of Biological Chemistry</i> , 2017, 292, 2421.		9
50	Interaction Between Pilocarpine and Ripasudil on Intraocular Pressure, Pupil Diameter, and the Aqueous-Outflow Pathway. <i>Journal of Glaucoma</i> , 2018, 27, 1844.		9
51	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
52	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
53	Differentiated Expression Patterns and Phagocytic Activities of Type 1 and 2 Microglia. <i>Journal of Neuroinflammation</i> , 2016, 57, 2814.		8
54	Effects of mechanical stress and vitreous samples in retinal pigment epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 569-574.	1.0	8

#	ARTICLE	IF	CITATIONS
55	RhoA Activation Decreases Phagocytosis of Trabecular Meshwork Cells. <i>Current Eye Research</i> , 2021, 46, 496-503.	0.7	8
56	Visualization of Intravital Immune Cell Dynamics After Conjunctival Surgery Using Multiphoton Microscopy. , 2016, 57, 1207.		6
57	Comparing Trabeculectomy Outcomes between First and Second Operated Eyes: A Multicenter Study. <i>PLoS ONE</i> , 2016, 11, e0162569.	1.1	6
58	Decreased MCP-1/CCR2 axis-mediated chemotactic effect of conjunctival fibroblasts after transdifferentiation into myofibroblasts. <i>Experimental Eye Research</i> , 2018, 170, 76-80.	1.2	5
59	Potential roles of the IL-6 family in conjunctival fibrosis. <i>Experimental Eye Research</i> , 2021, 210, 108708.	1.2	5
60	Clinical Features of Disaster-Associated Direct Deaths during Recent Inland Earthquakes in Japan. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 251, 169-173.	0.5	5
61	Prospective 3D Investigation of Bleb Wall after Trabeculectomy Using Anterior-Segment OCT. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-7.	0.6	4
62	Changes in corneal endothelial cell shape after treatment with one drop of ROCK inhibitor. <i>International Ophthalmology</i> , 2020, 40, 411-417.	0.6	4
63	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
64	Angle closure caused by a plateau-like iris associated with an enlarged Soemmering's ring: a case report. <i>BMC Ophthalmology</i> , 2016, 16, 49.	0.6	3
65	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
66	Prospective observation of filtration blebs in high-risk eyes with limbal-based conjunctival flap. <i>Canadian Journal of Ophthalmology</i> , 2016, 51, 431-437.	0.4	2
67	SLC1A1 Gene Variants and Normal Tension Glaucoma: An Association Study. <i>Ophthalmic Genetics</i> , 2016, 37, 194-200.	0.5	2
68	Protruded retinal layers within the optic nerve head neuroretinal rim. <i>Acta Ophthalmologica</i> , 2018, 96, e493-e502.	0.6	2
69	Spatial and Temporal Relationship between Structural Progression and Disc Hemorrhage in Glaucoma in a 3-Year Prospective Study. <i>Ophthalmology Glaucoma</i> , 2020, , .	0.9	2
70	DNA methyltransferase inhibitor suppresses fibrogenetic changes in human conjunctival fibroblasts. <i>Molecular Vision</i> , 2019, 25, 382-390.	1.1	2
71	Data on early postoperative changes in aqueous monocyte chemoattractant protein-1 levels after phacoemulsification. <i>Data in Brief</i> , 2016, 9, 922-925.	0.5	0