Tsutomu Igarashi

List of Publications by Year
in descending order

52	706	567144 15	580701 25
papers	citations	h-index	g-index

53	53	53	960
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved Intravitreal AAV-Mediated Inner Retinal Gene Transduction after Surgical Internal Limiting Membrane Peeling in Cynomolgus Monkeys. Molecular Therapy, 2017, 25, 296-302.	3.7	75
2	Lentivirus-mediated expression of angiostatin efficiently inhibits neovascularization in a murine proliferative retinopathy model. Gene Therapy, 2003, 10, 219-226.	2.3	72
3	Direct Comparison of Administration Routes for AAV8-mediated Ocular Gene Therapy. Current Eye Research, 2013, 38, 569-577.	0.7	50
4	Adeno-Associated Vector (Type 8)-Mediated Expression of Soluble Flt-1 Efficiently Inhibits Neovascularization in a Murine Choroidal Neovascularization Model. Human Gene Therapy, 2010, 21, 631-637.	1.4	39
5	Hydrogen prevents corneal endothelial damage in phacoemulsification cataract surgery. Scientific Reports, 2016, 6, 31190.	1.6	39
6	Short-Time Exposure of Hyperosmolarity Triggers Interleukin-6 Expression in Corneal Epithelial Cells. Cornea, 2014, 33, 1342-1347.	0.9	31
7	Reactive gliosis of astrocytes and MÃ¼ller glial cells in retina of POMGnT1-deficient mice. Molecular and Cellular Neurosciences, 2011, 47, 119-130.	1.0	27
8	Protective effect of molecular hydrogen against oxidative stress caused by peroxynitrite derived from nitric oxide in rat retina. Clinical and Experimental Ophthalmology, 2015, 43, 568-577.	1.3	25
9	Effects of Hydrogen in Prevention of Corneal Endothelial Damage During Phacoemulsification: A Prospective Randomized Clinical Trial. American Journal of Ophthalmology, 2019, 207, 10-17.	1.7	25
10	Administration of hydrogen-rich water prevents vascular aging of the aorta in LDL receptor-deficient mice. Scientific Reports, 2018, 8, 16822.	1.6	24
11	Prevention of Lethal Murine Hypophosphatasia by Neonatal Ex Vivo Gene Therapy Using Lentivirally Transduced Bone Marrow Cells. Human Gene Therapy, 2015, 26, 801-812.	1.4	23
12	PPARÎ± Agonist Suppresses Inflammation after Corneal Alkali Burn by Suppressing Proinflammatory Cytokines, MCP-1, and Nuclear Translocation of NF-Î²B. Molecules, 2019, 24, 114.	1.7	21
13	New strategy for in vivo transgene expression in corneal epithelial progenitor cells. Current Eye Research, 2002, 24, 46-50.	0.7	19
14	Tyrosine triple mutated AAV2-BDNF gene therapy in a rat model of transient IOP elevation. Molecular Vision, 2016, 22, 816-26.	1.1	18
15	Symptoms of Dry Eye Disease and Personality Traits. PLoS ONE, 2016, 11, e0166838.	1.1	17
16	Efficacy of Ophthalmic Viscosurgical Devices in Preventing Temperature Rise at the Corneal Endothelium during Phacoemulsification. Current Eye Research, 2016, 41, 1548-1552.	0.7	17
17	Temperature in the anterior chamber during phacoemulsification. Journal of Cataract and Refractive Surgery, 2014, 40, 805-810.	0.7	16
18	Improvements in Signs and Symptoms of Dry Eye after Instillation of 2% Rebamipide. Journal of Nippon Medical School, 2015, 82, 229-236.	0.3	15

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19	Metabolic pharmacokinetics of early chronic alcohol consumption mediated by liver alcohol dehydrogenases 1 and 3 in mice. Journal of Gastroenterology and Hepatology (Australia), 2018, 33, 1912-1919.	1.4	15
20	Efficacy of Rebamipide Instillation for Contact Lens Discomfort With Dry Eye. Eye and Contact Lens, 2018, 44, S137-S142.	0.8	15
21	Effect of H 2 treatment in a mouse model of rheumatoid arthritisâ€associated interstitial lung disease. Journal of Cellular and Molecular Medicine, 2019, 23, 7043-7053.	1.6	15
22	Adeno-associated virus type 8 vector-mediated expression of siRNA targeting vascular endothelial growth factor efficiently inhibits neovascularization in a murine choroidal neovascularization model. Molecular Vision, 2014, 20, 488-96.	1.1	8
23	Apoptotic Cell Death and Regeneration in the Newborn Retina After Irradiation Prior to Bone Marrow Transplantation. Current Eye Research, 2007, 32, 543-553.	0.7	7
24	Mometasone Furoate Nasal Spray Relieves the Ocular Symptoms of Seasonal Allergic Rhinoconjunctivitis. Journal of Nippon Medical School, 2012, 79, 182-189.	0.3	7
25	The Contribution of Alcohol Dehydrogenase 3 to the Development of Alcoholic Osteoporosis in Mice. Journal of Nippon Medical School, 2018, 85, 322-329.	0.3	7
26	A Novel â€œSlit Side Viewâ€•Method to Evaluate Fluid Dynamics during Phacoemulsification. Journal of Ophthalmology, 2018, 2018, 1-8.	0.6	7
27	Serum Brain-Derived Neurotrophic Factor in Glaucoma Patients in Japan: An Observational Study. Journal of Nippon Medical School, 2020, 87, 339-345.	0.3	7
28	High-Resolution Retinal Imaging Reveals Preserved Cone Photoreceptor Density and Choroidal Thickness in Female Carriers of Choroideremia. Ophthalmic Surgery Lasers and Imaging Retina, 2019, 50, 76-85.	0.4	7
29	Tyrosine triple mutated AAV2-BDNF gene therapy in an inner retinal injury model induced by intravitreal injection of -methyl-D-aspartate (NMDA). Molecular Vision, 2020, 26, 409-422.	1.1	7
30	The conjunctival sensitivity in soft contact lens wearers. International Ophthalmology, 2015, 35, 569-573.	0.6	6
31	High-resolution photoreceptor imaging analysis of patients with autosomal dominant retinitis pigmentosa (adRP) caused by HK1 mutation. Ophthalmic Genetics, 2020, 41, 629-638.	0.5	5
32	Brain-derived Neurotrophic Factor in the Aqueous Humor of Glaucoma Patients. Journal of Nippon Medical School, 2021, 88, 128-132.	0.3	5
33	Changes in Tear Osmolarity after Cataract Surgery. Journal of Nippon Medical School, 2021, 88, 204-208.	0.3	5
34	The correlation between plasma osmolarity and tear osmolarity. International Ophthalmology, 2018, 38, 493-501.	0.6	4
35	Free radical production by femtosecond laser lens irradiation in porcine eyes. Journal of Cataract and Refractive Surgery, 2019, 45, 1168-1171.	0.7	4
36	Cystoid Macular Edema Associated with Omidenepag Isopropyl in Phakic Eyes after Laser Iridotomy: A Case Report. Journal of Nippon Medical School, 2021, 88, 506-508.	0.3	4

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37	Multimodal imaging analysis of macular dystrophy in patient with maternally inherited diabetes and deafness (MIDD) with m.3243A>G mutation. Ophthalmic Genetics, 2021, 42, 304-311.	0.5	3
38	Topographical alteration in the cornea after photodynamic therapy for neovascularization in lipid keratopathy. Japanese Journal of Ophthalmology, 2009, 53, 655-657.	0.9	2
39	Photodynamic Therapy for Neovascularization in Lipid Keratopathy. Journal of Nippon Medical School, 2010, 77, 66-66.	0.3	2
40	Changes in the Ganglion Cell Complex after Inner Limiting Membrane Peeling for Epiretinal Membrane in Glaucoma Patients. Journal of Nippon Medical School, 2021, 88, 97-102.	0.3	2
41	A Definitive Diagnosis of Mucosa-associated Lymphoid Tissue Lymphoma Made at a Second Biopsy. Journal of Nippon Medical School, 2013, 80, 475-480.	0.3	2
42	New innovations for ocular gene therapy. Nihon Ika Daigaku Igakkai Zasshi, 2017, 13, 88-96.	0.0	1
43	Evaluation of the Utility of Capsular Stabilization Devices in a Zonular Fiber Defect Model with the Slit Side View System. Journal of Ophthalmology, 2020, 2020, 1-4.	0.6	1
44	Optical Coherence Tomography Angiography of Nonarteritic Cilioretinal Artery Occlusion Alone. Case Reports in Ophthalmological Medicine, 2021, 2021, 1-6.	0.3	1
45	Amount of Green Fluorescent Protein in the Anterior Chamber after Intravitreal Injection of Triple-Mutated Self-Complementary AAV2 Vectors is Not Affected by Previous Vitrectomy Surgery. Journal of Nippon Medical School, 2021, 88, 103-108.	0.3	1
46	In Vivo Gene Transfer Into Corneal Epithelial Progenitor Cells By Viral Vectors. Advances in Experimental Medicine and Biology, 2002, 506, 1309-1314.	0.8	1
47	Hydrogen promotes the activation of Cu, Zn superoxide dismutase in a rat corneal alkali-burn model. International Journal of Ophthalmology, 2020, 13, 1173-1179.	0.5	1
48	A Patient with Primary Open-Angle Glaucoma with Re-Elevated Nocturnal Sitting Intraocular Pressure after Restarting Medical Therapy due to a Bleb Failure. Journal of Nippon Medical School, 2021, 88, 509-511.	0.3	1
49	Novel homozygous in-frame deletion ofGNAT1gene causes golden appearance of fundus and reduced scotopic ERGs similar to that in Oguchi disease in Japanese family. Ophthalmic Genetics, 2019, 40, 480-487.	0.5	0
50	Gene Therapy Using Neuroprotective Factors in Glaucoma. Journal of Nippon Medical School, 2014, 81, 59-60.	0.3	0
51	The Role of Community Hospital Pediatric Departments in Counter Measures for Measles Epidemics at Olympic Game Sites. Journal of Nippon Medical School, 2020, 88, 220-227.	0.3	0
52	Novel <i>GUCY2D</i> Variant (E843Q) at Mutation Hotspot Associated with Macular Dystrophy in a Japanese Patient. Journal of Nippon Medical School, 2020, 87, 92-99.	0.3	0