Takeshi Yoshitomi

List of Publications by Year
in descending order

77 papers	1,511 citations	430754 18 h-index	395590 33 g-index
77 all docs	77 docs citations	77 times ranked	1836 citing authors

#	Article	IF	Citations
1	The Enantiomer of Allopregnanolone Prevents Pressure-Mediated Retinal Degeneration Via Autophagy. Frontiers in Pharmacology, 2022, 13, 855779.	1.6	8
2	The occurrence of optic disc haemorrhage in primary openâ€angle glaucoma eyes with lower normal pressure and its relating factors. Acta Ophthalmologica, 2021, 99, e28-e35.	0.6	2
3	The neurosteroid allopregnanolone protects retinal neurons by effects on autophagy and GABRs/GABA_A receptors in rat glaucoma models. Autophagy, 2021, 17, 743-760.	4.3	28
4	Clinical Assessment of Scleral Canal Area in Glaucoma Using Spectral-Domain Optical Coherence Tomography. American Journal of Ophthalmology, 2020, 216, 28-36.	1.7	3
5	Long-term regular exercise and intraocular pressure: the Hisayama Study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2461-2469.	1.0	7
6	Factors Associated with Progression of Japanese Open-Angle Glaucoma with Lower Normal Intraocular Pressure. Ophthalmology, 2019, 126, 1107-1116.	2.5	32
7	Differences in Retinal Nerve Fiber Layer Thickness as Assessed on the Disc Center and Bruchâ€™s Membrane Opening Center in Myopic Eyes. Ophthalmology Glaucoma, 2019, 2, 145-155.	0.9	4
8	Epidemiologic and Clinical Characteristics of Optic Neuritis in Japan. Ophthalmology, 2019, 126, 1385-1398.	2.5	86
9	Glucose Tolerance Levels and Circumpapillary Retinal Nerve Fiber Layer Thickness in a General Japanese Population: The Hisayama Study. American Journal of Ophthalmology, 2019, 205, 140-146.	1.7	9
10	Remodeled structure and reduced contractile responsiveness of ocular ciliary artery in spontaneously hypertensive rats. International Journal of Ophthalmology, 2019, 12, 363-368.	0.5	0
11	Focal Lamina Cribrosa Defect in Myopic Eyes With Nonprogressive Glaucomatous Visual Field Defect. American Journal of Ophthalmology, 2018, 190, 34-49.	1.7	20
12	Effects of brinzolamide on rabbit ocular blood flow in vivo and ex vivo. International Journal of Ophthalmology, 2018, 11, 719-725.	0.5	8
13	Additive neuroprotective effects of 24(S)-hydroxycholesterol and allopregnanolone in an ex vivo rat glaucoma model. Scientific Reports, 2018, 8, 12851.	1.6	4
14	Assessment of Central Visual Function in Patients with Retinitis Pigmentosa. Scientific Reports, 2018, 8, 8070.	1.6	16
15	Optic Disc Margin Anatomic Features in Myopic Eyes with Glaucoma with Spectral-Domain OCT. Ophthalmology, 2018, 125, 1886-1897.	2.5	29
16	Prevalence and Risk Factors for Polypoidal Choroidal Vasculopathy in a General Japanese Population: The Hisayama Study. Seminars in Ophthalmology, 2018, 33, 813-819.	0.8	18
17	Neurosteroids and Oxysterols as Potential Therapeutic Agents for Glaucoma and Alzheimerâ€™s Disease. Neuropsychiatry, 2018, 08, 344-359.	0.4	15
18	Multiple Temporal Lamina Cribrosa Defects in Myopic Eyes with Glaucoma and Their Association with Visual Field Defects. Ophthalmology, 2017, 124, 1600-1611.	2.5	53

#	Article	IF	Citations
19	Effects of ripasudil hydrochloride hydrate (K-115), a Rho-kinase inhibitor, on ocular blood flow and ciliary artery smooth muscle contraction in rabbits. Japanese Journal of Ophthalmology, 2017, 61, 423-432.	0.9	19
20	Association of Myopic Deformation of Optic Disc with Visual Field Progression in Paired Eyes with Open-Angle Glaucoma. PLoS ONE, 2017, 12, e0170733.	1.1	17
21	Long noncoding RNAs coordinate functions between mitochondria and the nucleus. Epigenetics and Chromatin, 2017, 10, 41.	1.8	86
22	Risk Factors for Posterior Subcapsular Cataract in Retinitis Pigmentosa. , 2017, 58, 2534.		35
23	Association Between Aqueous Flare and Epiretinal Membrane in Retinitis Pigmentosa. , 2016, 57, 4282.		20
24	Association of Myopic Optic Disc Deformation with Visual Field Defects in Paired Eyes with Open-Angle Glaucoma: A Cross-Sectional Study. PLoS ONE, 2016, 11, e0161961.	1.1	19
25	24(S)-Hydroxycholesterol protects the ex vivo rat retina from injury by elevated hydrostatic pressure. Scientific Reports, 2016, 6, 33886.	1.6	20
26	TSPO activation modulates the effects of high pressure in a rat exÂvivo glaucoma model. Neuropharmacology, 2016, 111, 142-159.	2.0	18
27	Dorzolamide-induced relaxation of isolated rabbit ciliary arteries mediated by inhibition of extracellular calcium influx. Japanese Journal of Ophthalmology, 2016, 60, 103-110.	0.9	7
28	Insulin Resistance Is a Risk Factor for Increased Intraocular Pressure: The Hisayama Study. , 2015, 56, 7983.		13
29	Experimentally Induced Mammalian Models of Glaucoma. BioMed Research International, 2015, 2015, 1-11.	0.9	45
30	Structure and function of the interphotoreceptor matrix surrounding retinal photoreceptor cells. Experimental Eye Research, 2015, 133, 3-18.	1.2	104
31	Neurosteroids Are Endogenous Neuroprotectants in an Ex Vivo Glaucoma Model. Investigative Ophthalmology and Visual Science, 2014, 55, 8531-8541.	3.3	35
32	The Effects of Prostaglandin Analogues on Intracellular Ca²⁺ in Ciliary Arteries of Wild-Type and Prostanoid Receptor-Deficient Mice. Journal of Ocular Pharmacology and Therapeutics, 2013, 29, 55-60.	0.6	10
33	Morning glory disc anomaly with contractile movements. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1693-1695.	1.0	17
34	Structural changes in the lacrimal sac epithelium and associated lymphoid tissue during experimental dacryocystitis. Clinical Ophthalmology, 2011, 5, 1567.	0.9	7
35	Risk factors for primary open-angle glaucoma in Japanese subjects attending community health screenings. Clinical Ophthalmology, 2011, 5, 1531.	0.9	10
36	Optic Nerve Head Morphology Assessed by Laser Scanning Tomography in Normal Japanese Subjects. Journal of Glaucoma, 2011, 20, 445-451.	0.8	5

#	Article	IF	Citations
37	Effects of Rho-associated protein kinase inhibitors Y-27632 and Y-39983 on isolated rabbit ciliary arteries. Japanese Journal of Ophthalmology, 2011, 55, 411-417.	0.9	33
38	Downregulation of Glutamine Synthetase via GLAST Suppression Induces Retinal Axonal Swelling in a Rat Ex Vivo Hydrostatic Pressure Model. , 2011, 52, 6604.		33
39	Cauterization of Central Cornea Induces Recruitment of Major Histocompatibility Complex Class II+ Langerhans Cells From Limbal Basal Epithelium. Cornea, 2010, 29, 73-79.	0.9	21
40	Spontaneous closure of a stage 2 macular hole without detachment of the posterior hyaloid. Japanese Journal of Ophthalmology, 2010, 54, 633-635.	0.9	3
41	Effects of Acutely Elevated Hydrostatic Pressure in a Rat Ex Vivo Retinal Preparation. , 2010, 51, 6414.		27
42	Reduced effects of endothelium-derived hyperpolarizing factor in ocular ciliary arteries from spontaneous hypertensive rats. Experimental Eye Research, 2010, 90, 324-329.	1.2	9
43	Effects of prostaglandin F2Î± analogues on endothelin-1-induced impairment of rabbit ocular blood flow: Comparison among tafluprost, travoprost, and latanoprost. Experimental Eye Research, 2010, 91, 853-859.	1.2	44
44	Peripheral T-cell lymphoma of the eyelid. Clinical Ophthalmology, 2009, 3, 527.	0.9	4
45	Effects of brinzolamide vs timolol as an adjunctive medication to latanoprost on circadian intraocular pressure control in primary open-angle glaucoma Japanese patients. Clinical Ophthalmology, 2009, 3, 493.	0.9	2
46	Temperature-dependent ultrastructural changes in the cone interphotoreceptor matrix. Japanese Journal of Ophthalmology, 2009, 53, 536-540.	0.9	3
47	Relaxing effect and mechanism of tafluprost on isolated rabbit ciliary arteries. Experimental Eye Research, 2008, 87, 251-256.	1.2	25
48	Keratoconjunctivitis Sicca Modifies Epithelial Stem Cell Proliferation Kinetics in Conjunctiva. Cornea, 2007, 26, 1101-1106.	0.9	13
49	Existence of small slow-cycling Langerhans cells in the limbal basal epithelium that express ABCG2. Experimental Eye Research, 2007, 84, 626-634.	1.2	65
50	Vasodilatory mechanism of levobunolol on vascular smooth muscle cells. Experimental Eye Research, 2007, 84, 1039-1046.	1.2	20
51	Pharmacological vascular reactivity in isolated diabetic rabbit ciliary artery. Experimental Eye Research, 2006, 83, 1317-1324.	1.2	3
52	Effect and Mechanism of Betaxolol and Timolol on Vascular Relaxation in Isolated Rabbit Ciliary Artery. Japanese Journal of Ophthalmology, 2006, 50, 504-508.	0.9	16
53	Prostaglandins E1and E2, but not F2Î±or Latanoprost, Inhibit Monkey Ciliary Muscle Contraction. Current Eye Research, 2005, 30, 661-665.	0.7	14
54	Action of biologically active peptides on monkey iris sphincter and dilator muscles. Experimental Eye Research, 2005, 80, 815-820.	1.2	13

#	Article	IF	Citations
55	Vasodilatory mechanism of unoprostone isopropyl on isolated rabbit ciliary artery. Current Eye Research, 2004, 28, 167-174.	0.7	15
56	Effect of Immunosuppression on Survival of Allograft Limbal Stem Cells. Japanese Journal of Ophthalmology, 2004, 48, 440-447.	0.9	6
57	Pharmacological vascular reactivity in isolated hypercholesterolemic rabbit ciliary artery. Experimental Eye Research, 2004, 78, 805-813.	1.2	2
58	Effect of somatostatin and galanin on isolated rabbit iris sphincter and dilator muscles. Experimental Eye Research, 2003, 77, 609-614.	1.2	15
59	Mechanical properties of the rabbit iris smooth muscles. Vision Research, 2003, 43, 479-487.	0.7	15
60	Vasodilatory Effects of Nipradilol, an Î±- and Î²-adrenergic Blocker with Nitric Oxide Releasing Action, in Rabbit Ciliary Artery. Experimental Eye Research, 2002, 75, 669-676.	1.2	11
61	Effect of Latanoprost, Prostaglandin F2Î± and Nipradilol on Isolated Bovine Ciliary Muscle. Japanese Journal of Ophthalmology, 2002, 46, 401-405.	0.9	5
62	Electron microscopic study of monkey retina after photodynamic treatment. Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan, 2002, 35, 46-52.	1.8	6
63	Pharmacological effects of latanoprost, prostaglandin E2, and F2 Î± on isolated rabbit ciliary artery. , 2002, 240, 120-125.		18
64	Multiple retinal holes in the macular region: a case report. Graefe's Archive for Clinical and Experimental Ophthalmology, 2002, 240, 578-579.	1.0	8
65	Effect of pituitary adenylate cyclase-activating peptide on isolated rabbit iris sphincter and dilator muscles. Investigative Ophthalmology and Visual Science, 2002, 43, 780-3.	3.3	15
66	Gene Transfer by Adenovirus in Rabbit Iris Sphincter Muscle. Ophthalmic Research, 2001, 33, 292-297.	1.0	2
67	Pharmacological effects of pilocarpine on rabbit ciliary artery. Current Eye Research, 2000, 20, 254-259.	0.7	13
68	Pharmacological characterization of endothelin receptors in the rabbit iris sphincter muscle: Suggestion for the presence of atypical receptors. Current Eye Research, 1996, 15, 73-78.	0.7	8
69	Calcitonin gene-related peptide induced relaxation of the rabbit iris dilator muscle. Current Eye Research, 1996, 15, 105-110.	0.7	5
70	Pupil perimetry-A prototype device.. Japanese Orthoptic Journal, 1996, 24, 45-50.	0.1	0
71	Effect of histamine and substance P on the rabbit and human iris sphincter muscle. Graefe's Archive for Clinical and Experimental Ophthalmology, 1995, 233, 181-185.	1.0	10
72	The presence of two sites of action of endothelins in the isolated rabbit iris sphincter and dilator muscles. Current Eye Research, 1993, 12, 1049-1055.	0.7	16

#	Article	IF	Citations
73	Functional innervation and contractile properties of the human iris sphincter muscle. Experimental Eye Research, 1988, 46, 979-986.	1.2	15
74	Autoregulation of acetylcholine release from vagus nerve terminals through activation of muscarinic receptors in the dog trachea. British Journal of Pharmacology, 1988, 93, 636-646.	2.7	72
75	Membrane and contractile properties of the dog ciliary muscle. British Journal of Pharmacology, 1986, 88, 629-638.	2.7	15
76	Pre-synaptic actions of noradrenaline on the dog ciliary muscle tissue. Experimental Eye Research, 1986, 43, 119-127.	1.2	10
77	Adrenergic excitatory and cholinergic inhibitory innervations in the human iris dilator. Experimental Eye Research, 1985, 40, 453-459.	1.2	52