

Takeshi Yoshitomi

List of Publications by Year in descending order

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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	Structure and function of the interphotoreceptor matrix surrounding retinal photoreceptor cells. <i>Experimental Eye Research</i> , 2015, 133, 3-18.	1.2	104
2	Long noncoding RNAs coordinate functions between mitochondria and the nucleus. <i>Epigenetics and Chromatin</i> , 2017, 10, 41.	1.8	86
3	Epidemiologic and Clinical Characteristics of Optic Neuritis in Japan. <i>Ophthalmology</i> , 2019, 126, 1385-1398.	2.5	86
4	Autoregulation of acetylcholine release from vagus nerve terminals through activation of muscarinic receptors in the dog trachea. <i>British Journal of Pharmacology</i> , 1988, 93, 636-646.	2.7	72
5	Existence of small slow-cycling Langerhans cells in the limbal basal epithelium that express ABCG2. <i>Experimental Eye Research</i> , 2007, 84, 626-634.	1.2	65
6	Multiple Temporal Lamina Cribrosa Defects in Myopic Eyes with Glaucoma and Their Association with Visual Field Defects. <i>Ophthalmology</i> , 2017, 124, 1600-1611.	2.5	53
7	Adrenergic excitatory and cholinergic inhibitory innervations in the human iris dilator. <i>Experimental Eye Research</i> , 1985, 40, 453-459.	1.2	52
8	Experimentally Induced Mammalian Models of Glaucoma. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	45
9	Effects of prostaglandin F ₂ analogues on endothelin-1-induced impairment of rabbit ocular blood flow: Comparison among tafluprost, travoprost, and latanoprost. <i>Experimental Eye Research</i> , 2010, 91, 853-859.	1.2	44
10	Neurosteroids Are Endogenous Neuroprotectants in an Ex Vivo Glaucoma Model. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8531-8541.	3.3	35
11	Risk Factors for Posterior Subcapsular Cataract in Retinitis Pigmentosa. , 2017, 58, 2534.		35
12	Effects of Rho-associated protein kinase inhibitors Y-27632 and Y-39983 on isolated rabbit ciliary arteries. <i>Japanese Journal of Ophthalmology</i> , 2011, 55, 411-417.	0.9	33
13	Downregulation of Glutamine Synthetase via GLAST Suppression Induces Retinal Axonal Swelling in a Rat Ex Vivo Hydrostatic Pressure Model. , 2011, 52, 6604.		33
14	Factors Associated with Progression of Japanese Open-Angle Glaucoma with Lower Normal Intraocular Pressure. <i>Ophthalmology</i> , 2019, 126, 1107-1116.	2.5	32
15	Optic Disc Margin Anatomic Features in Myopic Eyes with Glaucoma with Spectral-Domain OCT. <i>Ophthalmology</i> , 2018, 125, 1886-1897.	2.5	29
16	The neurosteroid allopregnanolone protects retinal neurons by effects on autophagy and GABRs/GABA _A receptors in rat glaucoma models. <i>Autophagy</i> , 2021, 17, 743-760.	4.3	28
17	Effects of Acutely Elevated Hydrostatic Pressure in a Rat Ex Vivo Retinal Preparation. , 2010, 51, 6414.		27
18	Relaxing effect and mechanism of tafluprost on isolated rabbit ciliary arteries. <i>Experimental Eye Research</i> , 2008, 87, 251-256.	1.2	25

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19	Cauterization of Central Cornea Induces Recruitment of Major Histocompatibility Complex Class II+ Langerhans Cells From Limbal Basal Epithelium. <i>Cornea</i> , 2010, 29, 73-79.	0.9	21
20	Vasodilatory mechanism of levobunolol on vascular smooth muscle cells. <i>Experimental Eye Research</i> , 2007, 84, 1039-1046.	1.2	20
21	Association Between Aqueous Flare and Epiretinal Membrane in Retinitis Pigmentosa. , 2016, 57, 4282.		20
22	24(S)-Hydroxycholesterol protects the ex vivo rat retina from injury by elevated hydrostatic pressure. <i>Scientific Reports</i> , 2016, 6, 33886.	1.6	20
23	Focal Lamina Cribrosa Defect in Myopic Eyes With Nonprogressive Glaucomatous Visual Field Defect. <i>American Journal of Ophthalmology</i> , 2018, 190, 34-49.	1.7	20
24	Association of Myopic Optic Disc Deformation with Visual Field Defects in Paired Eyes with Open-Angle Glaucoma: A Cross-Sectional Study. <i>PLoS ONE</i> , 2016, 11, e0161961.	1.1	19
25	Effects of ripasudil hydrochloride hydrate (K-115), a Rho-kinase inhibitor, on ocular blood flow and ciliary artery smooth muscle contraction in rabbits. <i>Japanese Journal of Ophthalmology</i> , 2017, 61, 423-432.	0.9	19
26	Pharmacological effects of latanoprost, prostaglandin E2, and F2 Î± on isolated rabbit ciliary artery. , 2002, 240, 120-125.		18
27	TSPO activation modulates the effects of high pressure in a rat ex vivo glaucoma model. <i>Neuropharmacology</i> , 2016, 111, 142-159.	2.0	18
28	Prevalence and Risk Factors for Polypoidal Choroidal Vasculopathy in a General Japanese Population: The Hisayama Study. <i>Seminars in Ophthalmology</i> , 2018, 33, 813-819.	0.8	18
29	Morning glory disc anomaly with contractile movements. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 1693-1695.	1.0	17
30	Association of Myopic Deformation of Optic Disc with Visual Field Progression in Paired Eyes with Open-Angle Glaucoma. <i>PLoS ONE</i> , 2017, 12, e0170733.	1.1	17
31	The presence of two sites of action of endothelins in the isolated rabbit iris sphincter and dilator muscles. <i>Current Eye Research</i> , 1993, 12, 1049-1055.	0.7	16
32	Effect and Mechanism of Betaxolol and Timolol on Vascular Relaxation in Isolated Rabbit Ciliary Artery. <i>Japanese Journal of Ophthalmology</i> , 2006, 50, 504-508.	0.9	16
33	Assessment of Central Visual Function in Patients with Retinitis Pigmentosa. <i>Scientific Reports</i> , 2018, 8, 8070.	1.6	16
34	Membrane and contractile properties of the dog ciliary muscle. <i>British Journal of Pharmacology</i> , 1986, 88, 629-638.	2.7	15
35	Functional innervation and contractile properties of the human iris sphincter muscle. <i>Experimental Eye Research</i> , 1988, 46, 979-986.	1.2	15
36	Effect of somatostatin and galanin on isolated rabbit iris sphincter and dilator muscles. <i>Experimental Eye Research</i> , 2003, 77, 609-614.	1.2	15

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37	Mechanical properties of the rabbit iris smooth muscles. <i>Vision Research</i> , 2003, 43, 479-487.	0.7	15
38	Vasodilatory mechanism of unoprostone isopropyl on isolated rabbit ciliary artery. <i>Current Eye Research</i> , 2004, 28, 167-174.	0.7	15
39	Neurosteroids and Oxysterols as Potential Therapeutic Agents for Glaucoma and Alzheimer's Disease. <i>Neuropsychiatry</i> , 2018, 08, 344-359.	0.4	15
40	Effect of pituitary adenylate cyclase-activating peptide on isolated rabbit iris sphincter and dilator muscles. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 780-3.	3.3	15
41	Prostaglandins E1 and E2, but not F2 α or Latanoprost, Inhibit Monkey Ciliary Muscle Contraction. <i>Current Eye Research</i> , 2005, 30, 661-665.	0.7	14
42	Pharmacological effects of pilocarpine on rabbit ciliary artery. <i>Current Eye Research</i> , 2000, 20, 254-259.	0.7	13
43	Action of biologically active peptides on monkey iris sphincter and dilator muscles. <i>Experimental Eye Research</i> , 2005, 80, 815-820.	1.2	13
44	Keratoconjunctivitis Sicca Modifies Epithelial Stem Cell Proliferation Kinetics in Conjunctiva. <i>Cornea</i> , 2007, 26, 1101-1106.	0.9	13
45	Insulin Resistance Is a Risk Factor for Increased Intraocular Pressure: The Hisayama Study. , 2015, 56, 7983.		13
46	Vasodilatory Effects of Nipradilol, an α_1 - and β_2 -adrenergic Blocker with Nitric Oxide Releasing Action, in Rabbit Ciliary Artery. <i>Experimental Eye Research</i> , 2002, 75, 669-676.	1.2	11
47	Pre-synaptic actions of noradrenaline on the dog ciliary muscle tissue. <i>Experimental Eye Research</i> , 1986, 43, 119-127.	1.2	10
48	Effect of histamine and substance P on the rabbit and human iris sphincter muscle. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1995, 233, 181-185.	1.0	10
49	Risk factors for primary open-angle glaucoma in Japanese subjects attending community health screenings. <i>Clinical Ophthalmology</i> , 2011, 5, 1531.	0.9	10
50	The Effects of Prostaglandin Analogues on Intracellular Ca ²⁺ in Ciliary Arteries of Wild-Type and Prostanoid Receptor-Deficient Mice. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013, 29, 55-60.	0.6	10
51	Reduced effects of endothelium-derived hyperpolarizing factor in ocular ciliary arteries from spontaneous hypertensive rats. <i>Experimental Eye Research</i> , 2010, 90, 324-329.	1.2	9
52	Glucose Tolerance Levels and Circumpapillary Retinal Nerve Fiber Layer Thickness in a General Japanese Population: The Hisayama Study. <i>American Journal of Ophthalmology</i> , 2019, 205, 140-146.	1.7	9
53	Pharmacological characterization of endothelin receptors in the rabbit iris sphincter muscle: Suggestion for the presence of atypical receptors. <i>Current Eye Research</i> , 1996, 15, 73-78.	0.7	8
54	Multiple retinal holes in the macular region: a case report. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2002, 240, 578-579.	1.0	8

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55	Effects of brinzolamide on rabbit ocular blood flow in vivo and ex vivo. <i>International Journal of Ophthalmology</i> , 2018, 11, 719-725.	0.5	8
56	The Enantiomer of Allopregnanolone Prevents Pressure-Mediated Retinal Degeneration Via Autophagy. <i>Frontiers in Pharmacology</i> , 2022, 13, 855779.	1.6	8
57	Structural changes in the lacrimal sac epithelium and associated lymphoid tissue during experimental dacryocystitis. <i>Clinical Ophthalmology</i> , 2011, 5, 1567.	0.9	7
58	Dorzolamide-induced relaxation of isolated rabbit ciliary arteries mediated by inhibition of extracellular calcium influx. <i>Japanese Journal of Ophthalmology</i> , 2016, 60, 103-110.	0.9	7
59	Long-term regular exercise and intraocular pressure: the Hisayama Study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 2461-2469.	1.0	7
60	Electron microscopic study of monkey retina after photodynamic treatment. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 2002, 35, 46-52.	1.8	6
61	Effect of Immunosuppression on Survival of Allograft Limbal Stem Cells. <i>Japanese Journal of Ophthalmology</i> , 2004, 48, 440-447.	0.9	6
62	Calcitonin gene-related peptide induced relaxation of the rabbit iris dilator muscle. <i>Current Eye Research</i> , 1996, 15, 105-110.	0.7	5
63	Effect of Latanoprost, Prostaglandin F ₂ ± and Nipradilol on Isolated Bovine Ciliary Muscle. <i>Japanese Journal of Ophthalmology</i> , 2002, 46, 401-405.	0.9	5
64	Optic Nerve Head Morphology Assessed by Laser Scanning Tomography in Normal Japanese Subjects. <i>Journal of Glaucoma</i> , 2011, 20, 445-451.	0.8	5
65	Peripheral T-cell lymphoma of the eyelid. <i>Clinical Ophthalmology</i> , 2009, 3, 527.	0.9	4
66	Additive neuroprotective effects of 24(S)-hydroxycholesterol and allopregnanolone in an ex vivo rat glaucoma model. <i>Scientific Reports</i> , 2018, 8, 12851.	1.6	4
67	Differences in Retinal Nerve Fiber Layer Thickness as Assessed on the Disc Center and Bruch's Membrane Opening Center in Myopic Eyes. <i>Ophthalmology Glaucoma</i> , 2019, 2, 145-155.	0.9	4
68	Pharmacological vascular reactivity in isolated diabetic rabbit ciliary artery. <i>Experimental Eye Research</i> , 2006, 83, 1317-1324.	1.2	3
69	Temperature-dependent ultrastructural changes in the cone interphotoreceptor matrix. <i>Japanese Journal of Ophthalmology</i> , 2009, 53, 536-540.	0.9	3
70	Spontaneous closure of a stage 2 macular hole without detachment of the posterior hyaloid. <i>Japanese Journal of Ophthalmology</i> , 2010, 54, 633-635.	0.9	3
71	Clinical Assessment of Scleral Canal Area in Glaucoma Using Spectral-Domain Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2020, 216, 28-36.	1.7	3
72	Gene Transfer by Adenovirus in Rabbit Iris Sphincter Muscle. <i>Ophthalmic Research</i> , 2001, 33, 292-297.	1.0	2

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73	Pharmacological vascular reactivity in isolated hypercholesterolemic rabbit ciliary artery. <i>Experimental Eye Research</i> , 2004, 78, 805-813.	1.2	2
74	Effects of brinzolamide vs timolol as an adjunctive medication to latanoprost on circadian intraocular pressure control in primary open-angle glaucoma Japanese patients. <i>Clinical Ophthalmology</i> , 2009, 3, 493.	0.9	2
75	The occurrence of optic disc haemorrhage in primary open-angle glaucoma eyes with lower normal pressure and its relating factors. <i>Acta Ophthalmologica</i> , 2021, 99, e28-e35.	0.6	2
76	Pupil perimetry-A prototype device.. <i>Japanese Orthoptic Journal</i> , 1996, 24, 45-50.	0.1	0
77	Remodeled structure and reduced contractile responsiveness of ocular ciliary artery in spontaneously hypertensive rats. <i>International Journal of Ophthalmology</i> , 2019, 12, 363-368.	0.5	0