

Yusuke Murakami

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,955
citations

218381

26
h-index

189595

50
g-index

82
all docs

82
docs citations

82
times ranked

3653
citing authors

#	ARTICLE	IF	CITATIONS
1	Receptor interacting protein kinases mediate retinal detachment-induced photoreceptor necrosis and compensate for inhibition of apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21695-21700.	3.3	281
2	Laboratory Evidence of Sustained Chronic Inflammatory Reaction in Retinitis Pigmentosa. Ophthalmology, 2013, 120, e5-e12.	2.5	196
3	Clinical Evidence of Sustained Chronic Inflammatory Reaction in Retinitis Pigmentosa. Ophthalmology, 2013, 120, 100-105.	2.5	188
4	Etanercept, a Widely Used Inhibitor of Tumor Necrosis Factor- $\hat{\pm}$ (TNF- $\hat{\pm}$), Prevents Retinal Ganglion Cell Loss in a Rat Model of Glaucoma. PLoS ONE, 2012, 7, e40065.	1.1	182
5	Photoreceptor cell death and rescue in retinal detachment and degenerations. Progress in Retinal and Eye Research, 2013, 37, 114-140.	7.3	179
6	Receptor interacting protein kinase mediates necrotic cone but not rod cell death in a mouse model of inherited degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14598-14603.	3.3	162
7	Inhibition of Nuclear Translocation of Apoptosis-Inducing Factor Is an Essential Mechanism of the Neuroprotective Activity of Pigment Epithelium-Derived Factor in a Rat Model of Retinal Degeneration. American Journal of Pathology, 2008, 173, 1326-1338.	1.9	89
8	Tauroursodeoxycholic Acid (TUDCA) Protects Photoreceptors from Cell Death after Experimental Retinal Detachment. PLoS ONE, 2011, 6, e24245.	1.1	89
9	Genetic characteristics of retinitis pigmentosa in 1204 Japanese patients. Journal of Medical Genetics, 2019, 56, 662-670.	1.5	75
10	Dynamic Increase in Extracellular ATP Accelerates Photoreceptor Cell Apoptosis via Ligation of P2RX7 in Subretinal Hemorrhage. PLoS ONE, 2013, 8, e53338.	1.1	72
11	Edaravone, an ROS Scavenger, Ameliorates Photoreceptor Cell Death after Experimental Retinal Detachment. , 2011, 52, 3825.		63
12	Innate immune response in retinal homeostasis and inflammatory disorders. Progress in Retinal and Eye Research, 2020, 74, 100778.	7.3	63
13	Heat Shock Protein 70 (HSP70) Is Critical for the Photoreceptor Stress Response after Retinal Detachment via Modulating Anti-Apoptotic Akt Kinase. American Journal of Pathology, 2011, 178, 1080-1091.	1.9	54
14	The clinical efficacy of a topical dorzolamide in the management of cystoid macular edema in patients with retinitis pigmentosa. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 809-814.	1.0	54
15	Genetic LAMP2 deficiency accelerates the age-associated formation of basal laminar deposits in the retina. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23724-23734.	3.3	54
16	AMP-activated Protein Kinase Suppresses Matrix Metalloproteinase-9 Expression in Mouse Embryonic Fibroblasts. Journal of Biological Chemistry, 2011, 286, 16030-16038.	1.6	50
17	RIP Kinase-Mediated Necrosis as an Alternative Mechanism of Photoreceptor Death. Oncotarget, 2011, 2, 497-509.	0.8	46
18	Factors Affecting Visual Acuity after Cataract Surgery in Patients with Retinitis Pigmentosa. Ophthalmology, 2015, 122, 903-908.	2.5	43

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19	Therapeutic effect of prolonged treatment with topical dorzolamide for cystoid macular oedema in patients with retinitis pigmentosa. <i>British Journal of Ophthalmology</i> , 2013, 97, 1187-1191.	2.1	42
20	Inhibition of Choroidal Neovascularization via Brief Subretinal Exposure to a Newly Developed Lentiviral Vector Pseudotyped with Sendai Viral Envelope Proteins. <i>Human Gene Therapy</i> , 2010, 21, 199-209.	1.4	38
21	Optical coherence tomography angiography of the macular microvasculature changes in retinitis pigmentosa. <i>Acta Ophthalmologica</i> , 2018, 96, e59-e67.	0.6	38
22	Inhibition of autophagy induces retinal pigment epithelial cell damage by the lipofuscin fluorophore A2E. <i>FEBS Open Bio</i> , 2014, 4, 1007-1014.	1.0	37
23	Correlation between macular blood flow and central visual sensitivity in retinitis pigmentosa. <i>Acta Ophthalmologica</i> , 2015, 93, e644-8.	0.6	36
24	MutT Homolog-1 Attenuates Oxidative DNA Damage and Delays Photoreceptor Cell Death in Inherited Retinal Degeneration. <i>American Journal of Pathology</i> , 2012, 181, 1378-1386.	1.9	35
25	Relationship Between Aqueous Flare and Visual Function in Retinitis Pigmentosa. <i>American Journal of Ophthalmology</i> , 2015, 159, 958-963.e1.	1.7	35
26	Risk Factors for Posterior Subcapsular Cataract in Retinitis Pigmentosa. , 2017, 58, 2534.		35
27	Pigment Epithelium-Derived Factor Gene Therapy Targeting Retinal Ganglion Cell Injuries: Neuroprotection against Loss of Function in Two Animal Models. <i>Human Gene Therapy</i> , 2011, 22, 559-565.	1.4	34
28	Evidence for Baseline Retinal Pigment Epithelium Pathology in the Trp1-Cre Mouse. <i>American Journal of Pathology</i> , 2012, 180, 1917-1927.	1.9	34
29	Aminoimidazole Carboxamide Ribonucleotide Ameliorates Experimental Autoimmune Uveitis. , 2012, 53, 4158.		32
30	Oxidative Stress and Microglial Response in Retinitis Pigmentosa. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7170.	1.8	29
31	RIP1 kinase mediates angiogenesis by modulating macrophages in experimental neovascularization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23705-23713.	3.3	28
32	INTERNAL LIMITING MEMBRANE PEELINGâ€“DEPENDENT RETINAL STRUCTURAL CHANGES AFTER VITRECTOMY IN RHEGMATOGENOUS RETINAL DETACHMENT. <i>Retina</i> , 2018, 38, 471-479.	1.0	26
33	MUTYH promotes oxidative microglial activation and inherited retinal degeneration. <i>JCI Insight</i> , 2016, 1, e87781.	2.3	26
34	Discovery of a Cynomolgus Monkey Family With Retinitis Pigmentosa. , 2018, 59, 826.		25
35	Inhibitory Effect of Aminoimidazole Carboxamide Ribonucleotide (AICAR) on Endotoxin-Induced Uveitis in Rats. , 2011, 52, 6565.		24
36	Quantitative analyses of factors related to anxiety and depression in patients with retinitis pigmentosa. <i>PLoS ONE</i> , 2018, 13, e0195983.	1.1	24

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37	Synergistic neuroprotective effect via simian lentiviral vector-mediated simultaneous gene transfer of human pigment epithelium-derived factor and human fibroblast growth factor in rodent models of retinitis pigmentosa. <i>Journal of Gene Medicine</i> , 2008, 10, 1273-1281.	1.4	22
38	Stable Retinal Gene Expression in Nonhuman Primates via Subretinal Injection of SIVagm-Based Lentiviral Vectors. <i>Human Gene Therapy</i> , 2009, 20, 573-579.	1.4	21
39	Relations Among Foveal Blood Flow, Retinal-Choroidal Structure, and Visual Function in Retinitis Pigmentosa. , 2018, 59, 1134.		21
40	Association Between Aqueous Flare and Epiretinal Membrane in Retinitis Pigmentosa. , 2016, 57, 4282.		20
41	Long-term Surgical Outcomes of Epiretinal Membrane in Patients with Retinitis Pigmentosa. <i>Scientific Reports</i> , 2015, 5, 13078.	1.6	19
42	Early detection of cone photoreceptor cell loss in retinitis pigmentosa using adaptive optics scanning laser ophthalmoscopy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 1169-1181.	1.0	18
43	The Regulatory Roles of Apoptosis-Inducing Factor in the Formation and Regression Processes of Ocular Neovascularization. <i>American Journal of Pathology</i> , 2012, 181, 53-61.	1.9	17
44	Reactive protein and progression of vision loss in retinitis pigmentosa. <i>Acta Ophthalmologica</i> , 2018, 96, e174-e179.	0.6	17
45	Assessment of Central Visual Function in Patients with Retinitis Pigmentosa. <i>Scientific Reports</i> , 2018, 8, 8070.	1.6	16
46	Changes of Serum Inflammatory Molecules and Their Relationships with Visual Function in Retinitis Pigmentosa. , 2020, 61, 30.		16
47	Therapeutic efficacy of topical unoprostone isopropyl in retinitis pigmentosa. <i>Acta Ophthalmologica</i> , 2014, 92, e229-34.	0.6	15
48	New Insights Into Immunological Therapy for Retinal Disorders. <i>Frontiers in Immunology</i> , 2020, 11, 1431.	2.2	15
49	Intravitreal bevacizumab treatment for neovascular glaucoma: histopathological analysis of trabeculectomy specimens. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1547-1552.	1.0	14
50	Newly-developed Sendai virus vector for retinal gene transfer: reduction of innate immune response via deletion of all envelope-related genes. <i>Journal of Gene Medicine</i> , 2008, 10, 165-176.	1.4	13
51	Development and evaluation of a visual aid using see-through display for patients with retinitis pigmentosa. <i>Japanese Journal of Ophthalmology</i> , 2015, 59, 43-47.	0.9	13
52	Acute Toxicity Study of a Simian Immunodeficiency Virus-Based Lentiviral Vector for Retinal Gene Transfer in Nonhuman Primates. <i>Human Gene Therapy</i> , 2009, 20, 943-954.	1.4	12
53	Direct comparison of retinal structure and function in retinitis pigmentosa by co-registering microperimetry and optical coherence tomography. <i>PLoS ONE</i> , 2019, 14, e0226097.	1.1	12
54	BRILLIANT BLUE G DOUBLE STAINING ENHANCES SUCCESSFUL INTERNAL LIMITING MEMBRANE PEELING WITH MINIMAL ADVERSE EFFECT BY LOW CELLULAR PERMEABILITY INTO LIVE CELLS. <i>Retina</i> , 2015, 35, 310-318.	1.0	11

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55	Circulating inflammatory monocytes oppose microglia and contribute to cone cell death in retinitis pigmentosa. , 2022, 1, .		11
56	Night-vision aid using see-through display for patients with retinitis pigmentosa. Japanese Journal of Ophthalmology, 2019, 63, 181-185.	0.9	10
57	Increased expression of periostin and tenascin-C in eyes with neovascular glaucoma secondary to PDR. Graefes's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 621-628.	1.0	10
58	Gene Expression Analysis of the Irrigation Solution Samples Collected during Vitrectomy for Idiopathic Epiretinal Membrane. PLoS ONE, 2016, 11, e0164355.	1.1	10
59	Vitreous cysts in patients with retinitis pigmentosa. Japanese Journal of Ophthalmology, 2015, 59, 373-377.	0.9	8
60	INCOMPLETE REPAIR OF RETINAL STRUCTURE AFTER VITRECTOMY WITH INTERNAL LIMITING MEMBRANE PEELING. Retina, 2017, 37, 1523-1528.	1.0	8
61	Relationships Between Serum Antioxidant and Oxidant Statuses and Visual Function in Retinitis Pigmentosa. , 2019, 60, 4462.		8
62	<i>TNFRSF10A</i> downregulation induces retinal pigment epithelium degeneration during the pathogenesis of age-related macular degeneration and central serous chorioretinopathy. Human Molecular Genetics, 2022, 31, 2194-2206.	1.4	8
63	Effect of Ocular Hypertension on D-Aspartic Acid-Containing Proteins in the Retinas of Rats. Journal of Ophthalmology, 2019, 2019, 1-8.	0.6	7
64	RETINITIS PIGMENTOSA ASSOCIATED WITH ASTEROID HYALOSIS. Retina, 2010, 30, 1278-1281.	1.0	6
65	Genotype and Long-term Clinical Course of Bietti Crystalline Dystrophy in Korean and Japanese Patients. Ophthalmology Retina, 2021, 5, 1269-1279.	1.2	6
66	Detection of airbag impact-induced cone photoreceptor damage by adaptive optics scanning laser ophthalmoscopy: a case report. BMC Ophthalmology, 2016, 16, 99.	0.6	5
67	Effect of Topical Dorzolamide on Cystoid Macular Edema in Retinitis Pigmentosa. Ophthalmology Retina, 2020, 4, 1036-1039.	1.2	5
68	Vitreous levels of interleukin-35 as a prognostic factor in B-cell vitreoretinal lymphoma. Scientific Reports, 2020, 10, 15715.	1.6	5
69	Aqueous Flare and Progression of Visual Field Loss in Patients With Retinitis Pigmentosa. , 2020, 61, 26.		5
70	Relationship Between Macular Curvature and Common Causative Genes of Retinitis Pigmentosa in Japanese Patients. , 2020, 61, 6.		5
71	Serous retinal detachment accompanied by pachychoroid in hypotony maculopathy after trabeculectomy for diabetic neovascular glaucoma. American Journal of Ophthalmology Case Reports, 2020, 18, 100682.	0.4	5
72	RECURRENCE RATE OF CYSTOID MACULAR EDEMA WITH TOPICAL DORZOLAMIDE TREATMENT AND ITS RISK FACTORS IN RETINITIS PIGMENTOSA. Retina, 2022, 42, 168-173.	1.0	5

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73	Complete congenital stationary night blindness associated with a novel NYX variant (p.Asn216Lys) in middle-aged and older adult patients. <i>Ophthalmic Genetics</i> , 2021, 42, 412-419.	0.5	4
74	Long-term Outcomes of Cataract Surgery in Patients with Retinitis Pigmentosa. <i>Ophthalmology Retina</i> , 2022, 6, 268-272.	1.2	4
75	Regional differences in genes and variants causing retinitis pigmentosa in Japan. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 338-343.	0.9	3
76	Increased vitreous levels of B cell activation factor (BAFF) and soluble interleukin-6 receptor in patients with macular edema due to uveitis related to Behçet's disease and sarcoidosis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, , 1.	1.0	2
77	Serous Retinal Detachment without Leakage on Fluorescein/Indocyanine Angiography in MEK Inhibitor-Associated Retinopathy. <i>Case Reports in Ophthalmology</i> , 2022, 13, 542-549.	0.3	2
78	Surgical Outcomes of Contrast Sensitivity and Visual Acuity in Uveitis-Associated Cataract. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 2665-2673.	0.9	1
79	D-Serine Induced by Ocular Hypertension is Associated with Retinal Cell Death. <i>Current Trends in Ophthalmology</i> , 2018, 1, 23-29.	0.1	1
80	Acute Retinal Necrosis and Progressive Outer Retinal Necrosis. <i>Retina Atlas</i> , 2020, , 215-220.	0.0	1