

Hanako Ohashi Ikeda

List of Publications by Year in descending order

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62
papers

4,369
citations

279798

23
h-index

168389

53
g-index

64
all docs

64
docs citations

64
times ranked

3948
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward the generation of rod and cone photoreceptors from mouse, monkey and human embryonic stem cells. <i>Nature Biotechnology</i> , 2008, 26, 215-224.	17.5	590
2	Expanded polyglutamine in the Machado-Joseph disease protein induces cell death in vitro and in vivo. <i>Nature Genetics</i> , 1996, 13, 196-202.	21.4	535
3	Generation of retinal cells from mouse and human induced pluripotent stem cells. <i>Neuroscience Letters</i> , 2009, 458, 126-131.	2.1	402
4	In vitro differentiation of retinal cells from human pluripotent stem cells by small-molecule induction. <i>Journal of Cell Science</i> , 2009, 122, 3169-3179.	2.0	393
5	Generation of Rx+/Pax6+ neural retinal precursors from embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11331-11336.	7.1	331
6	Stepwise differentiation of pluripotent stem cells into retinal cells. <i>Nature Protocols</i> , 2009, 4, 811-824.	12.0	258
7	Minimization of exogenous signals in ES cell culture induces rostral hypothalamic differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11796-11801.	7.1	244
8	Association Between Abnormal Autofluorescence and Photoreceptor Disorganization in Retinitis Pigmentosa. <i>American Journal of Ophthalmology</i> , 2008, 145, 687-694.	3.3	102
9	A Novel Method to Detect Local Ganglion Cell Loss in Early Glaucoma Using Spectral-Domain Optical Coherence Tomography. , 2012, 53, 6904.		99
10	Retinal Nerve Fiber Layer Defects in Highly Myopic Eyes with Early Glaucoma. , 2012, 53, 6472.		90
11	Three-Dimensional Imaging of Lamina Cribrosa Defects in Glaucoma Using Swept-Source Optical Coherence Tomography. , 2013, 54, 4798.		89
12	Long-term Outcome of Trabeculectomy for the Treatment of Developmental Glaucoma. <i>JAMA Ophthalmology</i> , 2004, 122, 1122.	2.4	79
13	Conjunctival and Intrasceral Vasculatures Assessed Using Anterior Segment Optical Coherence Tomography Angiography in Normal Eyes. <i>American Journal of Ophthalmology</i> , 2018, 196, 1-9.	3.3	79
14	Macular Ganglion Cell Layer Imaging in Preperimetric Glaucoma with Speckle Noise-Reduced Spectral Domain Optical Coherence Tomography. <i>Ophthalmology</i> , 2011, 118, 2414-2426.	5.2	67
15	Longitudinal and Simultaneous Imaging of Retinal Ganglion Cells and Inner Retinal Layers in a Mouse Model of Glaucoma Induced by N-Methyl-D-Aspartate. , 2011, 52, 8754.		66
16	Peripapillary Scleral Deformation and Retinal Nerve Fiber Damage in High Myopia Assessed With Swept-Source Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2013, 155, 927-936.e1.	3.3	55
17	Lamina Cribrosa Defects and Optic Disc Morphology in Primary Open Angle Glaucoma with High Myopia. <i>PLoS ONE</i> , 2014, 9, e115313.	2.5	53
18	Asymmetry Analysis of Macular Inner Retinal Layers for Glaucoma Diagnosis. <i>American Journal of Ophthalmology</i> , 2014, 158, 1318-1329.e3.	3.3	53

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19	Novel VCP modulators mitigate major pathologies of rd10, a mouse model of retinitis pigmentosa. <i>Scientific Reports</i> , 2014, 4, 5970.	3.3	52
20	High-Resolution Imaging of Retinal Nerve Fiber Bundles in Glaucoma Using Adaptive Optics Scanning Laser Ophthalmoscopy. <i>American Journal of Ophthalmology</i> , 2013, 155, 870-881.e3.	3.3	48
21	Reduction of lipid accumulation rescues Bietti's crystalline dystrophy phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3936-3941.	7.1	46
22	Real-Time Imaging of Rabbit Retina with Retinal Degeneration by Using Spectral-Domain Optical Coherence Tomography. <i>PLoS ONE</i> , 2012, 7, e36135.	2.5	45
23	Neuroprotective effects of VCP modulators in mouse models of glaucoma. <i>Heliyon</i> , 2016, 2, e00096.	3.2	38
24	Microcystic Inner Nuclear Layer Changes and Retinal Nerve Fiber Layer Defects in Eyes with Glaucoma. <i>PLoS ONE</i> , 2015, 10, e0130175.	2.5	38
25	Wide 3-Dimensional Macular Ganglion Cell Complex Imaging with Spectral-Domain Optical Coherence Tomography in Glaucoma. , 2012, 53, 4805.		37
26	Sensitivity and specificity for detecting early glaucoma in eyes with high myopia from normative database of macular ganglion cell complex thickness obtained from normal non-myopic or highly myopic Asian eyes. <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 1143-1152.	1.9	36
27	Paracentral scotoma in glaucoma detected by 10-2 but not by 24-2 perimetry. <i>Japanese Journal of Ophthalmology</i> , 2014, 58, 188-196.	1.9	30
28	Macular Imaging in Highly Myopic Eyes With and Without Glaucoma. <i>American Journal of Ophthalmology</i> , 2013, 156, 511-523.e6.	3.3	27
29	Nationwide incidence of central retinal artery occlusion in Japan: an exploratory descriptive study using the National Database of Health Insurance Claims (2011-2015). <i>BMJ Open</i> , 2020, 10, e041104.	1.9	24
30	Neuroprotective efficacies by KUS121, a VCP modulator, on animal models of retinal degeneration. <i>Scientific Reports</i> , 2016, 6, 31184.	3.3	23
31	Concentric Choriocapillaris Flow Deficits in Retinitis Pigmentosa Detected Using Wide-Angle Swept-Source Optical Coherence Tomography Angiography. , 2019, 60, 1044.		22
32	Branched chain amino acids attenuate major pathologies in mouse models of retinal degeneration and glaucoma. <i>Heliyon</i> , 2018, 4, e00544.	3.2	19
33	Oral administration of ferulic acid or ethyl ferulate attenuates retinal damage in sodium iodate-induced retinal degeneration mice. <i>Scientific Reports</i> , 2020, 10, 8688.	3.3	19
34	Changes in morphology and visual function over time in mouse models of retinal degeneration: an SD-OCT, histology, and electroretinography study. <i>Japanese Journal of Ophthalmology</i> , 2016, 60, 111-125.	1.9	18
35	Comparison of Longitudinal Changes in Functional and Structural Measures for Evaluating Progression of Glaucomatous Optic Neuropathy. , 2015, 56, 5477.		18
36	Influence of high myopia on outcomes of trabeculectomy with mitomycin C in patients with primary open-angle glaucoma. <i>Japanese Journal of Ophthalmology</i> , 2016, 60, 446-453.	1.9	17

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37	Visualization of the Lamina Cribrosa Microvasculature in Normal and Glaucomatous Eyes: A Swept-source Optical Coherence Tomography Angiography Study. <i>Journal of Glaucoma</i> , 2018, 27, 1032-1035.	1.6	17
38	EYS is a major gene involved in retinitis pigmentosa in Japan: genetic landscapes revealed by stepwise genetic screening. <i>Scientific Reports</i> , 2020, 10, 20770.	3.3	17
39	Use of Lectins to Enrich Mouse ES-Derived Retinal Progenitor Cells for the Purpose of Transplantation Therapy. <i>Cell Transplantation</i> , 2010, 19, 9-19.	2.5	16
40	Retinal Blood Flow Velocity Change in Parafoveal Capillary after Topical Tafluprost Treatment in Eyes with Primary Open-angle Glaucoma. <i>Scientific Reports</i> , 2017, 7, 5019.	3.3	16
41	Longitudinal change in choroidal thickness after trabeculectomy in primary open-angle glaucoma patients. <i>Japanese Journal of Ophthalmology</i> , 2017, 61, 105-112.	1.9	15
42	Long-term efficacy and safety of anti-VEGF therapy in retinitis pigmentosa: a case report. <i>BMC Ophthalmology</i> , 2018, 18, 248.	1.4	14
43	Safety and effectiveness of a novel neuroprotectant, KUS121, in patients with non-arteritic central retinal artery occlusion: An open-label, non-randomized, first-in-humans, phase 1/2 trial. <i>PLoS ONE</i> , 2020, 15, e0229068.	2.5	14
44	Association of Bruchâ€™s membrane opening and optic disc morphology to axial length and visual field defects in eyes with primary open-angle glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 599-610.	1.9	12
45	Pilot study assessing the structural changes in posttrabecular aqueous humor outflow pathway after trabecular meshwork surgery using swept-source optical coherence tomography. <i>PLoS ONE</i> , 2018, 13, e0199739.	2.5	12
46	Structural dissociation of optic disc margin components with optic disc tilting: a spectral domain optical coherence tomography study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 343-349.	1.9	11
47	Effect of Axial Length on Macular Ganglion Cell Complex Thickness and on Early Glaucoma Diagnosis by Spectral-Domain Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2016, 25, e481-e490.	1.6	10
48	Evaluation of Structure-Function Relationships in Longitudinal Changes of Glaucoma using the Spectralis OCT Follow-Up Mode. <i>Scientific Reports</i> , 2018, 8, 17158.	3.3	10
49	Clustering of Combined 24-2 and 10-2 Visual Field Grids and Their Relationship With Circumpapillary Retinal Nerve Fiber Layer Thickness. , 2016, 57, 3203.		9
50	Deterioration of phagocytosis in induced pluripotent stem cell-derived retinal pigment epithelial cells established from patients with retinitis pigmentosa carrying Mer tyrosine kinase mutations. <i>Experimental Eye Research</i> , 2021, 205, 108503.	2.6	9
51	Baerveldt or Ahmed glaucoma valve implantation with pars plana tube insertion in Japanese eyes with neovascular glaucoma: 1-year outcomes. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 2439-2449.	1.8	7
52	Genotype and Long-term Clinical Course of Bietti Crystalline Dystrophy in Korean and Japanese Patients. <i>Ophthalmology Retina</i> , 2021, 5, 1269-1279.	2.4	6
53	Association between topical β -blocker use and asthma attacks in glaucoma patients with asthma: a cohort study using a claims database. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 271-280.	1.9	5
54	Modulation of valosin-containing protein by Kyoto University Substances (KUS) as a novel therapeutic strategy for ischemic neuronal diseases. <i>Neural Regeneration Research</i> , 2017, 12, 1252.	3.0	5

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55	Relationship between Ocular Deviation and Visual Function in Retinitis Pigmentosa. Scientific Reports, 2018, 8, 14880.	3.3	4
56	Effect of VCP modulators on gene expression profiles of retinal ganglion cells in an acute injury mouse model. Scientific Reports, 2020, 10, 4251.	3.3	4
57	Relationship between Intraocular Pressure and Coffee Consumption in a Japanese Population without Glaucoma. Ophthalmology Glaucoma, 2021, 4, 268-276.	1.9	4
58	Clinical Characteristics, Differential Diagnosis and Genetic Analysis of Concentric Retinitis Pigmentosa. Life, 2021, 11, 260.	2.4	3
59	Longitudinal changes in complete avascular area assessed using anterior segmental optical coherence tomography angiography in filtering trabeculectomy bleb. Scientific Reports, 2021, 11, 23418.	3.3	2
60	Adenosine triphosphate maintenance by branched chain amino acids as a novel neuroprotective strategy for retinal neurodegenerative diseases. Neural Regeneration Research, 2019, 14, 82.	3.0	1
61	A Protocol for Stepwise Differentiation of Induced Pluripotent Stem Cells into Retinal Pigment Epithelium. Methods in Molecular Biology, 2021, , 1.	0.9	0
62	A Novel VCP modulator KUS121 exerts renoprotective effects in ischemia-reperfusion injury with retaining ATP and restoring ERAD-processing capacity.. American Journal of Physiology - Renal Physiology, 2022, , .	2.7	0