

# Masahiko Ayaki

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

896  
citations

567247

15  
h-index

526264

27  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1144  
citing authors

#	ARTICLE	IF	CITATIONS
1	High prevalence of sleep and mood disorders in dry eye patients: survey of 1,000 eye clinic visitors. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 889.	2.2	87
2	Methylglyoxal induces endoplasmic reticulum stress and DNA demethylation in the Keap1 promoter of human lens epithelial cells and age-related cataracts. <i>Free Radical Biology and Medicine</i> , 2014, 72, 134-148.	2.9	73
3	Decreased sleep quality in high myopia children. <i>Scientific Reports</i> , 2016, 6, 33902.	3.3	71
4	Protective effect of blue-light shield eyewear for adults against light pollution from self-luminous devices used at night. <i>Chronobiology International</i> , 2016, 33, 134-139.	2.0	65
5	Sleep and mood disorders in dry eye disease and allied irritating ocular diseases. <i>Scientific Reports</i> , 2016, 6, 22480.	3.3	58
6	Improvements in Sleep Quality and Gait Speed After Cataract Surgery. <i>Rejuvenation Research</i> , 2013, 16, 35-42.	1.8	50
7	Cell viability score (CVS) as a good indicator of critical concentration of benzalkonium chloride for toxicity in cultured ocular surface cell lines. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 66, 177-183.	2.7	39
8	Sleep Disorders are a Prevalent and Serious Comorbidity in Dry Eye. , 2018, 59, DES143.		38
9	Blue light injures corneal epithelial cells in the mitotic phase in vitro. <i>British Journal of Ophthalmology</i> , 2014, 98, 990.2-992.	3.9	36
10	Depressed visual field and mood are associated with sleep disorder in glaucoma patients. <i>Scientific Reports</i> , 2016, 6, 25699.	3.3	32
11	Possible association between subtypes of dry eye disease and seasonal variation. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 1769-1775.	1.8	30
12	Sleep and mood disorders in women with dry eye disease. <i>Scientific Reports</i> , 2016, 6, 35276.	3.3	28
13	In vitro Assessment of the Cytotoxicity of Six Topical Antibiotics to Four Cultured Ocular Surface Cell Lines. <i>Biocontrol Science</i> , 2012, 17, 93-99.	0.8	25
14	Protective effects of blue light-blocking shades on phototoxicity in human ocular surface cells. <i>BMJ Open Ophthalmology</i> , 2019, 4, e000217.	1.6	21
15	Diurnal variation of human tear meniscus volume measured with tear strip meniscometry self-examination. <i>PLoS ONE</i> , 2019, 14, e0215922.	2.5	18
16	Cell Viability Score as an Integrated Indicator for Cytotoxicity of Benzalkonium Chloride-Containing Antiglaucoma Eyedrops. <i>Biocontrol Science</i> , 2012, 17, 121-128.	0.8	17
17	Electrophysiological responses from intrinsically photosensitive retinal ganglion cells are diminished in glaucoma patients. <i>Journal of Optometry</i> , 2017, 10, 226-232.	1.3	16
18	Dry eye, sleep quality, and mood status in glaucoma patients receiving prostaglandin monotherapy were comparable with those in non-glaucoma subjects. <i>PLoS ONE</i> , 2017, 12, e0188534.	2.5	13

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19	Patients's satisfaction and subjective happiness after refractive surgery for myopia. Patient Preference and Adherence, 2018, Volume 12, 1901-1906.	1.8	12
20	Changes in patient subjective happiness and satisfaction with cataract surgery. Scientific Reports, 2020, 10, 17273.	3.3	12
21	Age Is a Determining Factor of Dry Eye-Related Signs and Symptoms. Diagnostics, 2020, 10, 193.	2.6	12
22	Comparative assessment of the cytotoxicity of six anti-inflammatory eyedrops in four cultured ocular surface cell lines, as determined by cell viability scores. Clinical Ophthalmology, 2012, 6, 1879.	1.8	11
23	Association between Retinal Nerve Fiber Layer Thickness and Eye Fatigue. BioMed Research International, 2019, 2019, 1-8.	1.9	10
24	Strip Meniscometry Correlates With Ocular Surface Tests and Symptoms. Translational Vision Science and Technology, 2020, 9, 31.	2.2	10
25	Gender differences in adolescent dry eye disease: a health problem in girls. International Journal of Ophthalmology, 2018, 11, 301-307.	1.1	9
26	Motor function benefits of visual restoration measured in age-related cataract and simulated patients: Case-control and clinical experimental studies. Scientific Reports, 2015, 5, 14595.	3.3	8
27	Discrepancies in Persistent Dry Eye Signs and Symptoms in Bilateral Pseudophakic Patients. Journal of Clinical Medicine, 2019, 8, 211.	2.4	8
28	Difference in Pupillary Diameter as an Important Factor for Evaluating Amplitude of Accommodation: A Prospective Observational Study. Journal of Clinical Medicine, 2020, 9, 2678.	2.4	8
29	Sleep and subjective happiness between the ages 40 and 59 in relation to presbyopia and dry eye. PLoS ONE, 2021, 16, e0250087.	2.5	8
30	Latanoprost could exacerbate the progression of presbyopia. PLoS ONE, 2019, 14, e0211631.	2.5	7
31	Persistently Worsened Tear Break-up Time and Keratitis in Unilateral Pseudophakic Eyes after a Long Postoperative Period. Biomedicines, 2020, 8, 77.	3.2	7
32	Presbyopia developed earlier during the COVID-19 pandemic. PLoS ONE, 2021, 16, e0259142.	2.5	7
33	Comparative Study of In Vitro Ocular Surface Cytotoxicity of a Fixed Combination of 0.5% Timolol/1% Dorzolamide Eyedrop and Its Components with 0.005% Benzalkonium Chloride. Biocontrol Science, 2012, 17, 115-120.	0.8	6
34	Determination of the Standard Visual Criterion for Diagnosing and Treating Presbyopia According to Subjective Patient Symptoms. Journal of Clinical Medicine, 2021, 10, 3942.	2.4	6
35	Large-scale integration in tablet screens for blue-light reduction with optimized color: The effects on sleep, sleepiness, and ocular parameters. Cogent Biology, 2017, 3, 1294550.	1.7	5
36	Tear Break-Up Time and Seasonal Variation in Intraocular Pressure in a Japanese Population. Diagnostics, 2020, 10, 124.	2.6	5

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37	Subjective Happiness and Satisfaction in Postoperative Anisometropic Patients after Refractive Surgery for Myopia. <i>Journal of Clinical Medicine</i> , 2020, 9, 3473.	2.4	4
38	Loss of Concentration May Occur by Blink Inhibition in DED Simulation Models. <i>Life</i> , 2020, 10, 61.	2.4	4
39	Short Tear Breakup Time Could Exacerbate the Progression of Presbyopia in Women. <i>BioMed Research International</i> , 2022, 2022, 1-7.	1.9	4
40	Tear Strip Meniscometry and Its Clinical Application: Analysis of More Than 2000 Cases. <i>Translational Vision Science and Technology</i> , 2022, 11, 3.	2.2	4
41	Kinetic visual acuity is correlated with functional visual acuity at higher speeds. <i>BMJ Open Ophthalmology</i> , 2019, 4, e000383.	1.6	3
42	Nocturnal Lagophthalmos and Sleep Quality in Patients with Dry Eye Disease. <i>Life</i> , 2020, 10, 105.	2.4	3
43	Short-Term Efficacy and Safety of Cataract Surgery Combined with Iris-Fixated Phakic Intraocular Lens Explantation: A Multicentre Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3672.	2.4	3
44	Shortened Measurement Time of Functional Visual Acuity for Screening Visual Function. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-7.	1.3	2
45	Elucidating Effects of Short Wavelength Light on the Body using Biological Signals. , 2019, , .		1
46	Subjective Happiness and Sleep in University Students with High Myopia. <i>Psych</i> , 2020, 2, 279-286.	1.6	0
47	Starting Time of Presbyopic Eyeglasses Wear and Lifestyle. <i>Frontiers in Public Health</i> , 0, 10, .	2.7	0