

Miyoung Kwon

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,096
citations

394421

19
h-index

526287

27
g-index

37
all docs

37
docs citations

37
times ranked

971
citing authors

#	ARTICLE	IF	CITATIONS
1	Binocularly Asymmetric Crowding in Glaucoma and a Lack of Binocular Summation in Crowding. , 2022, 63, 36.		10
2	Identifying the Retinal Layers Linked to Human Contrast Sensitivity Via Deep Learning. , 2022, 63, 27.		12
3	Foveal crowding appears to be robust to normal aging and glaucoma unlike parafoveal and peripheral crowding. Journal of Vision, 2022, 22, 10.	0.3	2
4	A Unified Rule for Binocular Contrast Summation Applies to Normal Vision and Common Eye Diseases. , 2021, 62, 6.		4
5	Functional Field of View Determined by Crowding, Aging, or Glaucoma Under Divided Attention. Translational Vision Science and Technology, 2021, 10, 14.	2.2	7
6	Characterization of Central Visual Field Loss in End-stage Glaucoma by Unsupervised Artificial Intelligence. JAMA Ophthalmology, 2020, 138, 190.	2.5	36
7	Increased Equivalent Input Noise in Glaucomatous Central Vision: Is it Due to Undersampling of Retinal Ganglion Cells?. , 2020, 61, 10.		5
8	Relationship Between Acuity and Contrast Sensitivity: Differences Due to Eye Disease. , 2020, 61, 40.		21
9	Exploring a Structural Basis for Delayed Rod-Mediated Dark Adaptation in Age-Related Macular Degeneration Via Deep Learning. Translational Vision Science and Technology, 2020, 9, 62.	2.2	24
10	Repeatability and Validity of MNREAD Test in Children With Vision Impairment. Translational Vision Science and Technology, 2020, 9, 25.	2.2	21
11	Binocular Summation and Suppression of Contrast Sensitivity in Strabismus, Fusion and Amblyopia. Frontiers in Human Neuroscience, 2019, 13, 234.	2.0	23
12	Cortical reorganization of peripheral vision induced by simulated central vision loss. Journal of Neuroscience, 2019, 39, 2126-18.	3.6	22
13	Linkage between retinal ganglion cell density and the nonuniform spatial integration across the visual field. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3827-3836.	7.1	37
14	Three-dimensional binocular eye-hand coordination in normal vision and with simulated visual impairment. Experimental Brain Research, 2018, 236, 691-709.	1.5	22
15	Common constraints limit Korean and English character recognition in peripheral vision. Journal of Vision, 2018, 18, 5.	0.3	5
16	The role of binocularly asymmetric peripheral field loss in abnormal binocular function in glaucoma. Journal of Vision, 2018, 18, 997.	0.3	0
17	Impact of retinal ganglion cell loss on human pattern recognition. Journal of Vision, 2018, 18, 1349.	0.3	0
18	Age-related changes in crowding and reading speed. Scientific Reports, 2017, 7, 8271.	3.3	34

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19	Slow Reading in Glaucoma: Is it due to the Shrinking Visual Span in Central Vision?. , 2017, 58, 5810.		28
20	Higher Contrast Requirement for Letter Recognition and Macular RGC+ Layer Thinning in Glaucoma Patients and Older Adults. , 2017, 58, 6221.		18
21	Relationships between retinal ganglion cells, Ricco's area and crowding zone. Journal of Vision, 2017, 17, 369.	0.3	1
22	Integrating oculomotor and perceptual training to induce a pseudofovea: A model system for studying central vision loss. Journal of Vision, 2016, 16, 10.	0.3	32
23	Baseline MNREAD Measures for Normally Sighted Subjects From Childhood to Old Age. , 2016, 57, 3836.		62
24	Association between Glaucoma and At-fault Motor Vehicle Collision Involvement among Older Drivers. Ophthalmology, 2016, 123, 109-116.	5.2	81
25	3 Dimensional Binocular Eye and Hand Coordination in Normal Vision and with Simulated Visual Impairments. Journal of Vision, 2016, 16, 22.	0.3	2
26	Compensation for Blur Requires Increase in Field of View and Viewing Time. PLoS ONE, 2016, 11, e0162711.	2.5	15
27	Spatial-frequency dependent binocular imbalance in amblyopia. Scientific Reports, 2015, 5, 17181.	3.3	61
28	Radial-tangential anisotropy of crowding in the early visual areas. Journal of Neurophysiology, 2014, 112, 2413-2422.	1.8	44
29	Assessing Binocular Interaction in Amblyopia and Its Clinical Feasibility. PLoS ONE, 2014, 9, e100156.	2.5	47
30	Rapid and Persistent Adaptability of Human Oculomotor Control in Response to Simulated Central Vision Loss. Current Biology, 2013, 23, 1663-1669.	3.9	84
31	Higher-contrast requirements for recognizing low-pass-filtered letters. Journal of Vision, 2013, 13, 13-13.	0.3	35
32	Contour Enhancement Benefits Older Adults with Simulated Central Field Loss. Optometry and Vision Science, 2012, 89, 1374-1384.	1.2	32
33	Spatial-frequency requirements for reading revisited. Vision Research, 2012, 62, 139-147.	1.4	31
34	Spatial-frequency cutoff requirements for pattern recognition in central and peripheral vision. Vision Research, 2011, 51, 1995-2007.	1.4	34
35	Effects of Orientation-Specific Visual Deprivation Induced with Altered Reality. Current Biology, 2009, 19, 1956-1960.	3.9	60
36	Adaptive changes in visual cortex following prolonged contrast reduction. Journal of Vision, 2009, 9, 20-20.	0.3	70

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37	Developmental changes in the visual span for reading. <i>Vision Research</i> , 2007, 47, 2889-2900.	1.4	74