# Miyoung Kwon

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| **37**<br>papers | **1,096**<br>citations | 394421<br>**19**<br>h-index | 526287<br>**27**<br>g-index |
| **37**<br>all docs | **37**<br>docs citations | **37**<br>times ranked | **971**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Rapid and Persistent Adaptability of Human Oculomotor Control in Response to Simulated Central Vision Loss. Current Biology, 2013, 23, 1663-1669. | 3.9 | 84 |
| 2 | Association between Glaucoma and At–fault Motor Vehicle Collision Involvement among Older Drivers. Ophthalmology, 2016, 123, 109-116. | 5.2 | 81 |
| 3 | Developmental changes in the visual span for reading. Vision Research, 2007, 47, 2889-2900. | 1.4 | 74 |
| 4 | Adaptive changes in visual cortex following prolonged contrast reduction. Journal of Vision, 2009, 9, 20-20. | 0.3 | 70 |
| 5 | Baseline MNREAD Measures for Normally Sighted Subjects From Childhood to Old Age. , 2016, 57, 3836. | | 62 |
| 6 | Spatial-frequency dependent binocular imbalance in amblyopia. Scientific Reports, 2015, 5, 17181. | 3.3 | 61 |
| 7 | Effects of Orientation-Specific Visual Deprivation Induced with Altered Reality. Current Biology, 2009, 19, 1956-1960. | 3.9 | 60 |
| 8 | Assessing Binocular Interaction in Amblyopia and Its Clinical Feasibility. PLoS ONE, 2014, 9, e100156. | 2.5 | 47 |
| 9 | Radial-tangential anisotropy of crowding in the early visual areas. Journal of Neurophysiology, 2014, 112, 2413-2422. | 1.8 | 44 |
| 10 | 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 |
| 11 | Characterization of Central Visual Field Loss in End-stage Glaucoma by Unsupervised Artificial Intelligence. JAMA Ophthalmology, 2020, 138, 190. | 2.5 | 36 |
| 12 | Higher-contrast requirements for recognizing low-pass-filtered letters. Journal of Vision, 2013, 13, 13-13. | 0.3 | 35 |
| 13 | Spatial-frequency cutoff requirements for pattern recognition in central and peripheral vision. Vision Research, 2011, 51, 1995-2007. | 1.4 | 34 |
| 14 | Age-related changes in crowding and reading speed. Scientific Reports, 2017, 7, 8271. | 3.3 | 34 |
| 15 | Contour Enhancement Benefits Older Adults with Simulated Central Field Loss. Optometry and Vision Science, 2012, 89, 1374-1384. | 1.2 | 32 |
| 16 | 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 |
| 17 | Spatial-frequency requirements for reading revisited. Vision Research, 2012, 62, 139-147. | 1.4 | 31 |
| 18 | Slow Reading in Glaucoma: Is it due to the Shrinking Visual Span in Central Vision?. , 2017, 58, 5810. | | 28 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | 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 |
| 20 | Binocular Summation and Suppression of Contrast Sensitivity in Strabismus, Fusion and Amblyopia. Frontiers in Human Neuroscience, 2019, 13, 234. | 2.0 | 23 |
| 21 | Three-dimensional binocular eye–hand coordination in normal vision and with simulated visual impairment. Experimental Brain Research, 2018, 236, 691-709. | 1.5 | 22 |
| 22 | Cortical reorganization of peripheral vision induced by simulated central vision loss. Journal of Neuroscience, 2019, 39, 2126-18. | 3.6 | 22 |
| 23 | Relationship Between Acuity and Contrast Sensitivity: Differences Due to Eye Disease. , 2020, 61, 40. | | 21 |
| 24 | Repeatability and Validity of MNREAD Test in Children With Vision Impairment. Translational Vision Science and Technology, 2020, 9, 25. | 2.2 | 21 |
| 25 | Higher Contrast Requirement for Letter Recognition and Macular RGC+ Layer Thinning in Glaucoma Patients and Older Adults. , 2017, 58, 6221. | | 18 |
| 26 | Compensation for Blur Requires Increase in Field of View and Viewing Time. PLoS ONE, 2016, 11, e0162711. | 2.5 | 15 |
| 27 | Identifying the Retinal Layers Linked to Human Contrast Sensitivity Via Deep Learning. , 2022, 63, 27. | | 12 |
| 28 | Binocularly Asymmetric Crowding in Glaucoma and a Lack of Binocular Summation in Crowding. , 2022, 63, 36. | | 10 |
| 29 | Functional Field of View Determined by Crowding, Aging, or Glaucoma Under Divided Attention. Translational Vision Science and Technology, 2021, 10, 14. | 2.2 | 7 |
| 30 | Common constraints limit Korean and English character recognition in peripheral vision. Journal of Vision, 2018, 18, 5. | 0.3 | 5 |
| 31 | Increased Equivalent Input Noise in Glaucomatous Central Vision: Is it Due to Undersampling of Retinal Ganglion Cells?. , 2020, 61, 10. | | 5 |
| 32 | A Unified Rule for Binocular Contrast Summation Applies to Normal Vision and Common Eye Diseases. , 2021, 62, 6. | | 4 |
| 33 | 3 Dimensional Binocular Eye and Hand Coordination in Normal Vision and with Simulated Visual Impairments. Journal of Vision, 2016, 16, 22. | 0.3 | 2 |
| 34 | 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 |
| 35 | Relationships between retinal ganglion cells, Ricco's area and crowding zone. Journal of Vision, 2017, 17, 369. | 0.3 | 1 |
| 36 | The role of binocularly asymmetric peripheral field loss in abnormal binocular function in glaucoma. Journal of Vision, 2018, 18, 997. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 37 | Impact of retinal ganglion cell loss on human pattern recognition. Journal of Vision, 2018, 18, 1349. | 0.3 | 0 |