

# Zhong-Lin Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

147  
papers

7,695  
citations

76326

40  
h-index

62596

80  
g-index

153  
all docs

153  
docs citations

153  
times ranked

4092  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | External noise distinguishes attention mechanisms. <i>Vision Research</i> , 1998, 38, 1183-1198.  | 1.4 | 474       |
| 2  | The functional architecture of human visual motion perception. <i>Vision Research</i> , 1995, 35, 2697-2722.  | 1.4 | 407       |
| 3  | Mechanisms of perceptual learning. <i>Vision Research</i> , 1999, 39, 3197-3221.  | 1.4 | 317       |
| 4  | The Dynamics of Perceptual Learning: An Incremental Reweighting Model.. <i>Psychological Review</i> , 2005, 112, 715-743.   | 3.8 | 274       |
| 5  | Three-systems theory of human visual motion perception: review and update. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2001, 18, 2331.   | 1.5 | 263       |
| 6  | Noise Exclusion in Spatial Attention. <i>Psychological Science</i> , 2000, 11, 139-146.   | 3.3 | 245       |
| 7  | Bayesian adaptive estimation of the contrast sensitivity function: The quick CSF method. <i>Journal of Vision</i> , 2010, 10, 1-21.   | 0.3 | 243       |
| 8  | Perceptual learning improves contrast sensitivity and visual acuity in adults with anisometropic amblyopia. <i>Vision Research</i> , 2006, 46, 739-750.   | 1.4 | 219       |
| 9  | Characterizing observers using external noise and observer models: Assessing internal representations with external noise.. <i>Psychological Review</i> , 2008, 115, 44-82.   | 3.8 | 215       |
| 10 | Mechanisms of perceptual attention in precuing of location. <i>Vision Research</i> , 2000, 40, 1269-1292.   | 1.4 | 205       |
| 11 | Task precision at transfer determines specificity of perceptual learning. <i>Journal of Vision</i> , 2009, 9, 1-1.  | 0.3 | 189       |
| 12 | Broad bandwidth of perceptual learning in the visual system of adults with anisometropic amblyopia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4068-4073.                          | 7.1 | 185       |
| 13 | Characterizing human perceptual inefficiencies with equivalent internal noise. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1999, 16, 764.  | 1.5 | 183       |
| 14 | Visual Perceptual Learning and Models. <i>Annual Review of Vision Science</i> , 2017, 3, 343-363.   | 4.4 | 161       |
| 15 | Action video game play facilitates the development of better perceptual templates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16961-16966.   | 7.1 | 151       |
| 16 | Perceptual Learning Improves Contrast Sensitivity of V1 Neurons in Cats. <i>Current Biology</i> , 2010, 20, 887-894.  | 3.9 | 130       |
| 17 | An integrated reweighting theory of perceptual learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13678-13683.   | 7.1 | 120       |
| 18 | Blood oxygenation level-dependent contrast response functions identify mechanisms of covert attention in early visual areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6202-6207. | 7.1 | 117       |

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|----|---|------|-----------|
| 19 | qCSF in Clinical Application: Efficient Characterization and Classification of Contrast Sensitivity Functions in Amblyopia. , 2010, 51, 5365.   |      | 112       |
| 20 | Perceptual learning as improved probabilistic inference in early sensory areas. Nature Neuroscience, 2011, 14, 642-648.   | 14.8 | 108       |
| 21 | Generating high gray-level resolution monochrome displays with conventional computer graphics cards and color monitors. Journal of Neuroscience Methods, 2003, 130, 9-18.                                   | 2.5  | 102       |
| 22 | Specificity of perceptual learning increases with increased training. Vision Research, 2010, 50, 1928-1940.   | 1.4  | 101       |
| 23 | Visual perceptual learning. Neurobiology of Learning and Memory, 2011, 95, 145-151.   | 1.9  | 99        |
| 24 | Deficient binocular combination reveals mechanisms of anisometropic amblyopia: Signal attenuation and interocular inhibition. Journal of Vision, 2011, 11, 4-4.   | 0.3  | 96        |
| 25 | Perceptual learning without feedback in non-stationary contexts: Data and model. Vision Research, 2006, 46, 3177-3197.  | 1.4  | 95        |
| 26 | Rapid and Reliable Assessment of the Contrast Sensitivity Function on an iPad. , 2013, 54, 7266.  |      | 88        |
| 27 | Perceptual learning retunes the perceptual template in foveal orientation identification. Journal of Vision, 2004, 4, 5-5.  | 0.3  | 85        |
| 28 | Perceptual learning in clear displays optimizes perceptual expertise: Learning the limiting process. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5286-5290. | 7.1  | 85        |
| 29 | Fast decay of iconic memory in observers with mild cognitive impairments. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1797-1802.                            | 7.1  | 85        |
| 30 | Bayesian adaptive estimation of threshold versus contrast external noise functions: The quick TvC method. Vision Research, 2006, 46, 3160-3176.   | 1.4  | 74        |
| 31 | Contrast and Phase Combination in Binocular Vision. PLoS ONE, 2010, 5, e15075.  | 2.5  | 73        |
| 32 | Perceptual Learning Improves Stereoacuity in Amblyopia. , 2014, 55, 2384.   |      | 67        |
| 33 | The Functional Form of Performance Improvements in Perceptual Learning. Psychological Science, 2007, 18, 531-539.   | 3.3  | 64        |
| 34 | Evaluating the performance of the quick CSF method in detecting contrast sensitivity function changes. Journal of Vision, 2016, 16, 18.   | 0.3  | 63        |
| 35 | Using 10AFC to further improve the efficiency of the quick CSF method. Journal of Vision, 2015, 15, 2.  | 0.3  | 62        |
| 36 | A Hierarchical Adaptive Approach to Optimal Experimental Design. Neural Computation, 2014, 26, 2465-2492.   | 2.2  | 59        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Augmented Hebbian reweighting: Interactions between feedback and training accuracy in perceptual learning. <i>Journal of Vision</i> , 2010, 10, 29-29.  | 0.3 | 52        |
| 38 | Hebbian reweighting on stable representations in perceptual learning. <i>Learning &amp; Perception</i> , 2009, 1, 37-58.  | 2.4 | 52        |
| 39 | Modeling mechanisms of perceptual learning with augmented Hebbian re-weighting. <i>Vision Research</i> , 2010, 50, 375-390.   | 1.4 | 51        |
| 40 | Efficacy and Safety of MMFS-01, a Synapse Density Enhancer, for Treating Cognitive Impairment in Older Adults: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Journal of Alzheimer's Disease</i> , 2016, 49, 971-990. | 2.6 | 47        |
| 41 | Assessing Binocular Interaction in Amblyopia and Its Clinical Feasibility. <i>PLoS ONE</i> , 2014, 9, e100156.  | 2.5 | 47        |
| 42 | How arousal modulates the visual contrast sensitivity function.. <i>Emotion</i> , 2014, 14, 978-984.  | 1.8 | 44        |
| 43 | Mechanisms underlying perceptual learning of contrast detection in adults with anisometropic amblyopia. <i>Journal of Vision</i> , 2009, 9, 24-24.  | 0.3 | 43        |
| 44 | Mechanisms of perceptual learning. <i>Learning &amp; Perception</i> , 2009, 1, 19-36.   | 2.4 | 43        |
| 45 | Spatial attention excludes external noise without changing the spatial frequency tuning of the perceptual template. <i>Journal of Vision</i> , 2004, 4, 10.   | 0.3 | 42        |
| 46 | Decreased bilateral thalamic gray matter volume in first-episode schizophrenia with prominent hallucinatory symptoms: A volumetric MRI study. <i>Scientific Reports</i> , 2015, 5, 14505.                                       | 3.3 | 42        |
| 47 | Contrast gain control in first- and second-order motion perception. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1996, 13, 2305.  | 1.5 | 41        |
| 48 | Second-order reversed phi. <i>Perception &amp; Psychophysics</i> , 1999, 61, 1075-1088.   | 2.3 | 40        |
| 49 | How age of acquisition influences brain architecture in bilinguals. <i>Journal of Neurolinguistics</i> , 2015, 36, 35-55.   | 1.1 | 40        |
| 50 | Developing Bayesian adaptive methods for estimating sensitivity thresholds ( $d'$ ) in Yes-No and forced-choice tasks. <i>Frontiers in Psychology</i> , 2015, 6, 1070.  | 2.1 | 37        |
| 51 | Translating Perceptual Learning from the Laboratory to Applications. <i>Trends in Cognitive Sciences</i> , 2016, 20, 561-563.   | 7.8 | 37        |
| 52 | Long-term experience with Chinese language shapes the fusiform asymmetry of English reading. <i>NeuroImage</i> , 2015, 110, 3-10.   | 4.2 | 36        |
| 53 | Perceptual learning of motion direction discrimination in fovea: Separable mechanisms. <i>Vision Research</i> , 2006, 46, 2315-2327.  | 1.4 | 34        |
| 54 | Common Neural Mechanisms Underlying Reversal Learning by Reward and Punishment. <i>PLoS ONE</i> , 2013, 8, e82169.  | 2.5 | 33        |

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|----|---|-----|-----------|
| 55 | Artificial Language Training Reveals the Neural Substrates Underlying Addressed and Assembled Phonologies. PLoS ONE, 2014, 9, e93548.   | 2.5 | 33        |
| 56 | Measuring the Contrast Sensitivity Function Using the qCSF Method With 10 Digits. Translational Vision Science and Technology, 2018, 7, 9.  | 2.2 | 33        |
| 57 | Level and mechanisms of perceptual learning: Learning first-order luminance and second-order texture objects. Vision Research, 2006, 46, 1996-2007.                               | 1.4 | 32        |
| 58 | Black-white asymmetry in visual perception. Journal of Vision, 2012, 12, 8-8.   | 0.3 | 32        |
| 59 | Mixed training at high and low accuracy levels leads to perceptual learning without feedback. Vision Research, 2012, 61, 15-24.   | 1.4 | 32        |
| 60 | Independent perceptual learning in monocular and binocular motion systems. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5624-5629. | 7.1 | 31        |
| 61 | A hierarchical Bayesian approach to adaptive vision testing: A case study with the contrast sensitivity function. Journal of Vision, 2016, 16, 15.                                | 0.3 | 31        |
| 62 | Language-general and -specific white matter microstructural bases for reading. NeuroImage, 2014, 98, 435-441.   | 4.2 | 29        |
| 63 | Perceptual learning improves neural processing in myopic vision. Journal of Vision, 2015, 15, 12.   | 0.3 | 29        |
| 64 | Native language experience shapes neural basis of addressed and assembled phonologies. NeuroImage, 2015, 114, 38-48.  | 4.2 | 29        |
| 65 | Sensitive calibration and measurement procedures based on the amplification principle in motion perception. Vision Research, 2001, 41, 2355-2374.                                 | 1.4 | 28        |
| 66 | Co-learning analysis of two perceptual learning tasks with identical input stimuli supports the reweighting hypothesis. Vision Research, 2012, 61, 25-32.                         | 1.4 | 27        |
| 67 | Neural Global Pattern Similarity Underlies True and False Memories. Journal of Neuroscience, 2016, 36, 6792-6802.   | 3.6 | 27        |
| 68 | Evaluation of the precision of contrast sensitivity function assessment on a tablet device. Scientific Reports, 2017, 7, 46706.   | 3.3 | 27        |
| 69 | High reward enhances perceptual learning. Journal of Vision, 2018, 18, 11.  | 0.3 | 27        |
| 70 | Attention Extracts Signal in External Noise: A BOLD fMRI Study. Journal of Cognitive Neuroscience, 2011, 23, 1148-1159.   | 2.3 | 26        |
| 71 | General learning ability in perceptual learning. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19092-19100.                         | 7.1 | 26        |
| 72 | Noise Provides New Insights on Contrast Sensitivity Function. PLoS ONE, 2014, 9, e90579.  | 2.5 | 26        |

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|----|---|-----|-----------|
| 73 | Modeling trial by trial and block feedback in perceptual learning. <i>Vision Research</i> , 2014, 99, 46-56.  | 1.4 | 25        |
| 74 | The effects of monocular training on binocular functions in anisometric amblyopia. <i>Vision Research</i> , 2018, 152, 74-83.   | 1.4 | 23        |
| 75 | Assessing the detailed time course of perceptual sensitivity change in perceptual learning. <i>Journal of Vision</i> , 2019, 19, 9.   | 0.3 | 23        |
| 76 | Binocular Summation and Suppression of Contrast Sensitivity in Strabismus, Fusion and Amblyopia. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 234.                          | 2.0 | 23        |
| 77 | Learning to read words in a new language shapes the neural organization of the prior languages. <i>Neuropsychologia</i> , 2014, 65, 156-168.                                      | 1.6 | 21        |
| 78 | Effects of Monocular Perceptual Learning on Binocular Visual Processing in Adolescent and Adult Amblyopia. <i>IScience</i> , 2020, 23, 100875.                                    | 4.1 | 21        |
| 79 | Neural correlates of stimulus spatial frequency-dependent contrast detection. <i>Experimental Brain Research</i> , 2013, 225, 377-385.  | 1.5 | 20        |
| 80 | Phonological processing is uniquely associated with neuro-metabolic concentration. <i>NeuroImage</i> , 2013, 67, 175-181.   | 4.2 | 20        |
| 81 | Temporal tuning characteristics of the perceptual template and endogenous cuing of spatial attention. <i>Vision Research</i> , 2004, 44, 1333-1350.                               | 1.4 | 19        |
| 82 | Perceptual learning of Gabor orientation identification in visual periphery: Complete inter-ocular transfer of learning mechanisms. <i>Vision Research</i> , 2005, 45, 2500-2510. | 1.4 | 18        |
| 83 | The external noise normalized gain profile of spatial vision. <i>Journal of Vision</i> , 2014, 14, 9-9.   | 0.3 | 18        |
| 84 | Discriminating anisometric amblyopia from myopia based on interocular inhibition. <i>Vision Research</i> , 2015, 114, 135-141.  | 1.4 | 18        |
| 85 | Intra- and cross-modal cuing of spatial attention: Time courses and mechanisms. <i>Vision Research</i> , 2009, 49, 1081-1096.   | 1.4 | 17        |
| 86 | Perceptual learning and attention: Reduction of object attention limitations with practice. <i>Vision Research</i> , 2010, 50, 402-415.   | 1.4 | 17        |
| 87 | Next-generation vision testing: the quick CSF. <i>Current Directions in Biomedical Engineering</i> , 2015, 1, 131-134.  | 0.4 | 17        |
| 88 | A complete investigation of monocular and binocular functions in clinically treated amblyopia. <i>Scientific Reports</i> , 2017, 7, 10682.  | 3.3 | 17        |
| 89 | Efficient Characterization and Classification of Contrast Sensitivity Functions in Aging. <i>Scientific Reports</i> , 2017, 7, 5045.  | 3.3 | 17        |
| 90 | Statistical Modeling of the Default Mode Brain Network Reveals a Segregated Highway Structure. <i>Scientific Reports</i> , 2017, 7, 11694.  | 3.3 | 16        |

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|-----|---|-----|-----------|
| 91  | Action video game play facilitates "learning to learn". <i>Communications Biology</i> , 2021, 4, 1154.  | 4.4 | 16        |
| 92  | Augmented Hebbian reweighting accounts for accuracy and induced bias in perceptual learning with reverse feedback. <i>Journal of Vision</i> , 2015, 15, 10.   | 0.3 | 14        |
| 93  | Decomposing experience-driven attention: Opposite attentional effects of previously predictive cues. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 2185-2198.   | 1.3 | 14        |
| 94  | Predicting Task and Subject Differences with Functional Connectivity and Blood-Oxygen-Level-Dependent Variability. <i>Brain Connectivity</i> , 2019, 9, 451-463.  | 1.7 | 14        |
| 95  | Efficient assessment of the time course of perceptual sensitivity change. <i>Vision Research</i> , 2019, 154, 21-43.  | 1.4 | 14        |
| 96  | Left posterior prefrontal regions support domain-general executive processes needed for both reading and math. <i>Journal of Neuropsychology</i> , 2020, 14, 467-495.   | 1.4 | 14        |
| 97  | Separating decision and encoding noise in signal detection tasks.. <i>Psychological Review</i> , 2015, 122, 429-460.  | 3.8 | 13        |
| 98  | Prefrontal Cortical Activity During the Stroop Task: New Insights into the Why and the Who of Real-World Risky Sexual Behavior. <i>Annals of Behavioral Medicine</i> , 2018, 52, 367-379.   | 2.9 | 13        |
| 99  | A novel Bayesian adaptive method for mapping the visual field. <i>Journal of Vision</i> , 2019, 19, 16.   | 0.3 | 13        |
| 100 | qPR: An adaptive partial-report procedure based on Bayesian inference. <i>Journal of Vision</i> , 2016, 16, 25.   | 0.3 | 12        |
| 101 | Comparing Spatial Contrast Sensitivity Functions Measured With Digit and Grating Stimuli. <i>Translational Vision Science and Technology</i> , 2019, 8, 16.   | 2.2 | 12        |
| 102 | Pediatric Stroke Impairs Theory of Mind Performance. <i>Journal of Child Neurology</i> , 2020, 35, 228-234.   | 1.4 | 12        |
| 103 | Hierarchical Bayesian Analyses for Modeling BOLD Time Series Data. <i>Computational Brain &amp; Behavior</i> , 2018, 1, 184-213.  | 1.7 | 11        |
| 104 | Characterizing and decomposing the neural correlates of individual differences in reading ability among adolescents with task-based fMRI. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100647.                             | 4.0 | 11        |
| 105 | Planning Beyond the Next Trial in Adaptive Experiments: A Dynamic Programming Approach. <i>Cognitive Science</i> , 2017, 41, 2234-2252.   | 1.7 | 10        |
| 106 | Identifying first-episode drug naïve patients with schizophrenia with or without auditory verbal hallucinations using whole-brain functional connectivity: A pattern analysis study. <i>NeuroImage: Clinical</i> , 2018, 19, 351-359. | 2.7 | 10        |
| 107 | Bayesian adaptive assessment of the reading function for vision: The qReading method. <i>Journal of Vision</i> , 2018, 18, 6.   | 0.3 | 10        |
| 108 | Computational neuroscience: a frontier of the 21st century. <i>National Science Review</i> , 2020, 7, 1418-1422.  | 9.5 | 10        |

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|-----|--|------|-----------|
| 109 | Enabling High Grayscale Resolution Displays and Accurate Response Time Measurements on Conventional Computers. <i>Journal of Visualized Experiments</i> , 2012, , .                  | 0.3  | 9         |
| 110 | Quantifying Uncertainty of the Estimated Visual Acuity Behavioral Function With Hierarchical Bayesian Modeling. <i>Translational Vision Science and Technology</i> , 2021, 10, 18.   | 2.2  | 8         |
| 111 | Mixture of easy trials enables transient and sustained perceptual improvements through priming and perceptual learning. <i>Scientific Reports</i> , 2017, 7, 7421.                   | 3.3  | 7         |
| 112 | Evaluating the performance of the staircase and quick Change Detection methods in measuring perceptual learning. <i>Journal of Vision</i> , 2019, 19, 14.                            | 0.3  | 7         |
| 113 | Diffeomorphic Registration for Retinotopic Mapping Via Quasiconformal Mapping. , 2020, 2020, 687-691.  |      | 7         |
| 114 | Quantitative characterization of the human retinotopic map based on quasiconformal mapping. <i>Medical Image Analysis</i> , 2022, 75, 102230.  | 11.6 | 7         |
| 115 | Hierarchical Bayesian modeling of contrast sensitivity functions in a within-subject design. <i>Journal of Vision</i> , 2021, 21, 9.   | 0.3  | 7         |
| 116 | Effects of top-down influence suppression on behavioral and V1 neuronal contrast sensitivity functions in cats. <i>IScience</i> , 2022, 25, 103683.                                  | 4.1  | 7         |
| 117 | Identifying Long- and Short-Term Processes in Perceptual Learning. <i>Psychological Science</i> , 2022, 33, 830-843.   | 3.3  | 6         |
| 118 | Prior Visual Experience Modulates Learning of Sound Localization Among Blind Individuals. <i>Brain Topography</i> , 2017, 30, 364-379.   | 1.8  | 5         |
| 119 | Roving: The causes of interference and re-enabled learning in multi-task visual training. <i>Journal of Vision</i> , 2020, 20, 9.  | 0.3  | 5         |
| 120 | Mapping the Contrast Sensitivity of the Visual Field With Bayesian Adaptive qVFM. <i>Frontiers in Neuroscience</i> , 2020, 14, 665.  | 2.8  | 5         |
| 121 | Diffeomorphic Smoothing for Retinotopic Mapping. , 2020, 2020, 534-538.  |      | 5         |
| 122 | Psychophysical Validation of a Novel Active Learning Approach for Measuring the Visual Acuity Behavioral Function. <i>Translational Vision Science and Technology</i> , 2021, 10, 1. | 2.2  | 5         |
| 123 | Functional connectivity signatures of political ideology. , 2022, 1, .   |      | 5         |
| 124 | Construction and evaluation of an integrated dynamical model of visual motion perception. <i>Neural Networks</i> , 2015, 67, 110-120.  | 5.9  | 4         |
| 125 | Automaticity of phasic alertness: Evidence for a three-component model of visual cueing. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 1948-1967.                      | 1.3  | 4         |
| 126 | Topology-preserving smoothing of retinotopic maps. <i>PLoS Computational Biology</i> , 2021, 17, e1009216.   | 3.2  | 4         |



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|-----|--|-----|-----------|
| 127 | Modeling Within-Item Dependencies in Parallel Data on Test Responses and Brain Activation. Psychometrika, 2021, 86, 239-271.   | 2.1 | 4         |
| 128 | Characterizing human retinotopic mapping with conformal geometry: a preliminary study. , 2014, , .   |     | 3         |
| 129 | Tilt after-effect from high spatial-frequency patterns in the amblyopic eye of adults with anisometric amblyopia. Scientific Reports, 2015, 5, 8728.                         | 3.3 | 3         |
| 130 | Broad bandwidth of perceptual learning in second-order contrast modulation detection. Journal of Vision, 2015, 15, 20-20.  | 0.3 | 3         |
| 131 | Diffeomorphic registration for retinotopic maps of multiple visual regions. Brain Structure and Function, 2022, 227, 1507-1522.  | 2.3 | 3         |
| 132 | Correction of eddy current distortions in high angular resolution diffusion imaging. Journal of Magnetic Resonance Imaging, 2013, 37, spcone-spcone.                         | 3.4 | 2         |
| 133 | Evaluating the performance of the staircase and quick Change Detection methods in measuring perceptual learning. Journal of Vision, 2018, 18, 256.                           | 0.3 | 2         |
| 134 | Assessing the trial-by-trial time course of perceptual sensitivity change in perceptual learning using the quick Change Detection method. Journal of Vision, 2018, 18, 1068. | 0.3 | 2         |
| 135 | Topological Receptive Field Model for Human Retinotopic Mapping. Lecture Notes in Computer Science, 2021, 12907, 639-649.  | 1.3 | 1         |
| 136 | Perceptual learning in n-alternative forced choice with response and accuracy feedback, and a reweighting model.. Journal of Vision, 2017, 17, 1078.                         | 0.3 | 1         |
| 137 | Evaluating the performance of the staircase and qCD methods in measuring specificity/transfer of perceptual learning. Journal of Vision, 2019, 19, 29.                       | 0.3 | 1         |
| 138 | Evaluating the functional form of perceptual learning with trial-by-trial analysis. Journal of Vision, 2020, 20, 1643.   | 0.3 | 1         |
| 139 | Improving iconic memory through contrast detection training with HOA-corrected vision. Fundamental Research, 2024, 4, 95-102.  | 3.3 | 1         |
| 140 | Introduction to Special Issue on Perceptual Learning. Vision Research, 2018, 152, 1-2.   | 1.4 | 0         |
| 141 | Quantification of Myelinated Nerve Fraction and Degeneration in Spinal Cord Neuropil by SHIFT MRI. Journal of Magnetic Resonance Imaging, 2021, 53, 1162-1174.               | 3.4 | 0         |
| 142 | 2.2: Invited Paper: The Temporal Window of Visual Processing. Digest of Technical Papers SID International Symposium, 2021, 52, 11-12.                                       | 0.3 | 0         |
| 143 | Diffeomorphic Registration of Retinotopic Maps with Quasiconformal Mapping. Journal of Vision, 2021, 21, 2467.   | 0.3 | 0         |
| 144 | Perceptual learning trial-by- trial in a task-rovig paradigm. Journal of Vision, 2018, 18, 755.  | 0.3 | 0         |

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|-----|--|-----|-----------|
| 145 | Generalization of learning in n-AFC orientation identification. <i>Journal of Vision</i> , 2019, 19, 29a.  | 0.3 | 0         |
| 146 | Optimizing Visual Cortex Parameterization with Error-Tolerant Teichmüller Map in Retinotopic Mapping. <i>Lecture Notes in Computer Science</i> , 2020, 12267, 218-227. | 1.3 | 0         |
| 147 | Mechanisms of attention: Psychophysics, cognitive psychology, and cognitive neuroscience. <i>Kiso Shinrigaku Kenkyū</i> , 2008, 27, 38-45.                             | 0.0 | 0         |