

引用文献(2019)

- Aguado, B. & López-Moliner, J. 2019 Perceived speed of motion in depth modulates misjudgements of approaching trajectories consistently with a slow prior. *Vision Research*, 159, 1-9.
- Aleshin, S., Ziman, G., Ilona Kovacs, I. & Braun, J. 2019 Perceptual reversals in binocular rivalry: Improved detection from OKN. *Journal of Vision*, 19(3):5, 1-18.
- Ananyev, E., Zixin Yong, Z. & Hsieh, P. 2019 Center-surround velocity-based segmentation: Speed, eccentricity, and timing of visual stimuli interact to determine interocular dominance. *Journal of Vision*, 19(13):3, 1-19.
- Billino, J. & Pilz, K. S. 2019 Motion perception as a model for perceptual aging. *Journal of Vision*, 19(4):3, 1-28.
- Binaee, K. & Diaz, G. 2019 Movements of the eyes and hands are coordinated by a common predictive strategy. *Journal of Vision*, 19(12):3, 1-16.
- Blakea, R. b., Goodmana, R., Tomarkena, A. & Kimc, H. W. 2019 Individual differences in continuous flash suppression: Potency and linkages to binocular rivalry dynamics. *Vision Research* 160, 10-23.
- Brascamp, J. W., Qian, C. S., Hambrick, D. Z., & Becker, M. W. 2019 Individual differences point to two separate processes involved in the resolution of binocular rivalry. *Journal of Vision*, 19(12):15, 1-17.
- Cai, L. T., Yuan, A. E. & Backus, B. T. 2019 Binocular global motion perception is improved by dichoptic segregation when stimuli have high contrast and high speed. *Journal of Vision*, 19(13):10, 1-17.
- Cesanek, E. & Domini, F. 2019 Depth cue reweighting requires altered correlations with haptic feedback. *Journal of Vision*, 19(14):3, 1-13.
- Chen, Z. & Saunders, J. A. 2019 Perception of 3D slant from textures with and without aligned spectral components. *Journal of Vision*, 19(4):7, 1-23.
- Chen, J., McManus, M., Harris, L. R. & Gegenfurtner, K. R. 2019 Steady-state visually evoked potentials reveal partial size constancy in early visual cortex. *Journal of Vision*, 19(6):8, 1-15.
- Cooper, P. R. & Mendola, J. D. 2019 Abnormal sensory eye dominance in stereoanomalous Subjects. *Journal of Vision*, 19(13):14, 1-16.
- Cox, M. A., Dougherty, K., Westerberg, J. A., Michelle S. Schall, M. S. & Maier, A. 2019 Temporal dynamics of binocular integration in primary visual cortex. *Journal of Vision*, 19(12):13, 1-21.
- Cutonea, M. D., Allisonb, R. S. & Wilcoxa, L. W. 2019 The impact of retinal motion

- on stereoacuity for physical targets. *Vision Research*, 161, 43-51.
- Diez, P. S., Ohlendorf, A., Schaeffel, F. & Siegfried Wahla, S. (2019) Effect of spatial filtering on accommodation. *Vision Research* 164, 62-68.
- Erlikhman, G., Fu, M., Dodd, M. D. & Caplovitz, G. P. 2019 The motion-induced contour revisited: Observations on 3-D structure and illusory contour formation in moving stimuli. *Journal of Vision*, 19(1):7, 1-17.
- Farell, B. & Ng, C. J. 2019 Attentional selection in judgments of stereo depth. *Vision Research*, 158, 19-30.
- Focusing on an illusion: Accommodating to perceived depth? 2019 Koessler, T. & Hill, H. *Vision Research* 154, 131-141.
- Ghahghaei, S., McKee, S. & Verghese, P. 2019 The upper disparity limit increases gradually with eccentricity. *Journal of Vision*, 19(11):3, 1-12.
- Joo, S. J., Greer, D. A., Cormack, L. K. & Huk, A. C. 2019 Eye-specific pattern-motion signals support the perception of three-dimensional motion. *Journal of Vision* 19(4):27, 1-12.
- Frederick A. A. Kingdom, F. A. A., Nour M. Seulami, N. M. Ben J. Jennings, B. J. & Georgeson, M. A. 2019 Interocular difference thresholds are mediated by binocular differencing, not summing, channels. *Journal of Vision*, 19(14):18, 1-15.
- Kingdom, F. A. A., Seulami, N. M. Jennings, B. J., & Georgeson, M. A. 2019 Interocular difference thresholds are mediated by binocular differencing, not summing, channels. *Journal of Vision*, 19(14):18, 1-15.
- Kosovichev, A., Ferreirab, A., Vera-Diaz, F. A. & Bex, P. J. 2019 Effects of temporal frequency on binocular deficits in amblyopia. *Vision Research*, 163, 52-62.
- May, K. A. & Zhaoping, L. 2019 Face perception inherits low-level binocular adaptation. *Journal of Vision*, 19(7):7, 1-10.
- Mitsuda, H., Hironaga, N., Ogata, K. & Tobimatsu, T. 2019 Vertical size disparity induces enhanced neural responses in good stereo observers. *Vision Research*, 164, 24-33.
- Murdison, T. S., Leclercq, G., Lefevre, P. & Blohm, G., Misperception of motion in depth originates from an incomplete transformation of retinal signals. *Journal of Vision*, 19(12):21, 1-15.
- Nawrot, E. & Nawrot, M. 2019 Convergence and divergence to radial optic flow in infancy. *Journal of Vision*, 19(13):6, 1-11.
- Nguyen, A. T. T. & Clifford, C. W. G. 2019 Gazing into space: Systematic biases in

- determining another's fixation distance from gaze vergence in upright and inverted faces. *Journal of Vision*, 19(11):5, 1-6.
- Osugi, T. & Murakami, I. (2019) Preview benefit survives a three-dimensional rotation of the rigid configuration of search items. *Vision Research* 156, 56-65.
- Pastukhov, A., Kastrup, P., Abs, I. F. & Carbon, C. 2019 Switch rates for orthogonally oriented kinetic-depth displays are correlated across observers. *Journal of Vision*, 19(6):1, 1-13.
- Pomante, A., Selen, L. P. J. & Medendorp, W. P. 2019 Visual orientation uncertainty in the rod-and-frame illusion. *Journal of Vision*, 19(4):19, 1-8.
- Raveendran, R. N., Bobier, W. R. & Thompson, B. 2019 Binocular vision and fixational eye movements. *Journal of Vision*, 19(4):9, 1-15.
- Read, C. A. & Cumming, B. G. 2019 The psychophysics of stereopsis can be explained without invoking independent ON and OFF channels. *Journal of Vision*, 19(6):7, 1-14.
- Rideaux, R. & Welchman, A. F. 2019 Contextual effects on binocular matching are evident in primary visual cortex. *Vision Research* 159, 76-85.
- Shafer-Skelton, A. & Brady, T. F. 2019 Scene layout priming relies primarily on low-level features rather than scene layout. *Journal of Vision*, 19(1):14, 1-33.
- Scaccia, M. & Langer, M. S. 2019 Density discrimination with occlusions in 3D clutter. *Journal of Vision*, 19(12):10, 1-15.
- Schaeffner, L. F. & Welchman, A. E. 2019 The mixed-polarity benefit of stereopsis arises in early visual cortex. *Journal of Vision*, 19(2):9, 1-14.
- Sheynin, Y., Proulx, S. & Hess, F. 2019 Temporary monocular occlusion facilitates binocular fusion during rivalry. *Journal of Vision*, 19(5):23, 1-17.
- Takao, S., Clifford, C. W. G. & Watanabe, K. 2019 Ebbinghaus illusion depends more on the retinal than perceived size of surrounding stimuli. *Vision Research*, 154, 80-84.
- Tarita-Nistora, L., Sameta, S., Tropea, G. F. & González, E. G. 2019 Dominance wave propagation during binocular rivalry in mild glaucoma. *Vision Research* 165, 64-71.
- Tittes, J., Baldwin, A. S., Hess, R. F., Cirina, L., Wenner, Y., Kuhli-Hattenbach, C., Ackermann, H., Thomas Kohnen, T. & Fronius, M. 2019 Assessment of stereovision with digital testing in adults and children with normal and impaired binocularity. *Vision Research* 164, 69-82.
- Thompson, L., Ji, M., Rokers, B. & Rosenberg, A. 2019 Contributions of binocular and

- monocular cues to motion-in-depth perception. *Journal of Vision*, 19(3):2, 1-16.
- van Heusden, E., Harris, A. M., Garrido, M. I. & Hogendoorn, H. 2019 Predictive coding of visual motion in both monocular and binocular human visual processing. *Journal of Vision*, 19(1):3, 1-12.
- Wu, H., Wang, X. M. & Pan, J. M. 2019 Perceiving blurry scenes with translational optic flow, rotational optic flow or combined optic flow. *Vision Research*, 158, 49-57.
- Watanabe, A., Fujimoto, M., Hirai, K. & Ushitani, T. (2019) Pigeons discriminate shapes based on topological features. *Vision Research*, 158, 120-125.
- Wilder, J. D., Adams, W. J. & Murray, R. F. 2019 Shape from shading under inconsistent illumination. *Journal of Vision*, 19(6):2, 1-15.
- Wolfe, B., Fridman, L., Kosovicheva, A., Seppelt, B., Mehler, B., Reimer, B. & Rosenholtz, R. 2019 Predicting road scenes from brief views of driving video. *Journal of Vision*, 19(5):8, 1-14.
- Zhang, J., Wu, J., Liu, X., Jin, Z., Li, L., & Chen, L. 2019 Hole superiority effect with 3D figures formed by binocular disparity. *Journal of Vision*, 19(2):2, 1-11.
- Zhenga, X., Xu, G., Zhic, Y., Wangd, Y., Hana, C., Wangc, B., Zhanga, S., Zhanga, K. & Lianga, R. 2019 Objective and quantitative assessment of interocular suppression in strabismic amblyopia based on steady-state motion visual evoked potentials. *Vision Research* 164 44-52.

参考文献

- Andrews, T. J., & Purves, D. (1997). Similarities in normal and binocularly rivalrous viewing. *Proceedings of the National Academy of Sciences, USA*, 94(18), 9905-9908.
- Avarvand, F. S., Bosse, S., Muller, K. R., Schafer, R., Nolte, G., Wiegand, T., ... Samek, W. (2017). Objective quality assessment of stereoscopic images with vertical disparity using EEG. *Journal of Neural Engineering*, 14(4),
- Backus, B. T., Fleet, D. J., Parker, A. J., & Heeger, D. J. (2001). Human cortical activity correlates with stereoscopic depth perception. *Journal of Neurophysiology*, 86(4), 2054-2068.
- Baldwin, A. S., & Hess, R. F. (2018). The mechanism of short-term monocular deprivation is not simple: Separate effects on parallel and cross-oriented dichoptic masking. *Scientific Reports*, 8(1): 6191.
- Barrett, B. T., Pacey, I. E., Bradley, A., Thibos, L. N., & Morrill, P. (2003). Nonveridical visual perception in human amblyopia. *Investigative Ophthalmology & Visual Science*, 44(4), 1555-1567.
- Birch, E. E. (2013). Amblyopia and binocular vision. *Progress in Retinal and Eye Research*, 33, 67-84.
- Birch, E. E., Morale, S. E., Jost, R. M., De La Cruz, A., Kelly, K. R., Wang, Y. Z., & Bex, P. J. (2016). Assessing suppression in amblyopic children with a dichoptic eye chart. *Investigative Ophthalmology & Visual Science*, 57(13), 5649-5654.
- Bex, P. J., & Makous, W. (2002). Spatial frequency, phase, and the contrast of natural images. *Journal of the Optical Society of America A*, 19(6), 1096-1106.
- Brouwer, G. J., van Ee, R., & Schwarzbach, J. (2005). Activation in visual cortex correlates with the awareness of stereoscopic depth. *Journal of Neuroscience*, 25(45), 10403-10413.
- Blake, R., & Wilson, H. (2011). Binocular vision. *Vision Research*, 51(7), 754-770.
- Blake, R., Yu, K., Lokey, M., & Norman, H. (1998). Binocular rivalry and motion perception. *Journal of Cognitive Neuroscience*, 10(1), 46-60.
- Blake, R., Zimba, L., & Williams, D. (1985). Visual motion, binocular correspondence and binocular rivalry. *Biological Cybernetics*, 52(6), 391-397.
- Blakemore, C. (1970). The range and scope of binocular depth discrimination in man. *The Journal of Physiology*, 211(3), 599-622.
- Bonneh, Y. S., Donner, T. H., Cooperman, A., Heeger, D. J., & Sagi, D. (2014). Motion-induced blindness and troxler fading: Common and different mechanisms.

PLoS One, 9(3):e92894.

- Brascamp, J. W., Klink, P. C., & Levelt, W. J. M. (2015). The ‘ ‘laws’ ’ of binocular rivalry: 50 years of Levelt’s propositions. *Vision Research*, 109, 20-37
- Brascamp, J. W., & Blake, R. (2012). Inattention abolishes binocular rivalry: Perceptual evidence. *Psychological Science*, 23(10), 1159-1167.
- Brascamp, J. W., van Ee, R., Noest, A. J., Jacobs, R. H. A. H., & van den Berg, A. V. (2006). The time course of binocular rivalry reveals a fundamental role of noise. *Journal of Vision*, 6(11):8, 1244-1256
- Cao, T., Wang, L., Sun, Z., Engel, S. A., & He, S. (2018). The independent and shared mechanisms of intrinsic brain dynamics: Insights from bistable perception. *Frontiers in Psychology*, 9(April), 589.
- Carter, O., & Cavanagh, P. (2007). Onset rivalry: Brief presentation isolates an early independent phase of perceptual competition. *PLoS One*, 2(4), e343.
- Cavanagh, P., & Anstis, S. M. (2013). The flash grab effect. *Vision Research*, 91, 8-20.
- Chen, L. (1982). Topological structure in visual perception. *Science*, 218, 699-700.
- Chen, L. (2005). The topological approach to perceptual organization. *Visual Cognition*, 12(4).
- Chien, S. H. L., Lin, Y. L., Qian, W. L., Zhou, K., Lin, M. K., & Hsu, H. Y. (2012). With or without a hole: Young infants’ sensitivity for topological versus geometric property. *Perception*, 41, 305-318.
- Chen, L., Qiao, C., Wang, Y., & Jiang, Y. (2018). Subconscious processing reveals dissociable contextual modulations of visual size perception. *Cognition*, 180, 259-267.
- Cholewiak, S. A., Love, G. D., & Banks, M. S. (2018). Creating correct blur and its effect on accommodation. *Journal of Vision*, 18(9), 1-29.
- Cumming, B. G., & DeAngelis, G. C. (2001). The physiology of stereopsis. *Annual Review of Neuroscience*, 24(1), 203-238.
- Coutant, B. E., & Westheimer, G. (1993). Population distribution of stereoscopic ability. *Ophthalmic and Physiological Optics*, 13(1), 3-7.
- Del Águila-Carrasco, A. J., Marín-Franch, I., Bernal-Molina, P., Esteve-Taboada, J. J., Kruger, P. B., Montés-Micó, R., & López-Gil, N. (2017). Accommodation responds to optical vergence and not defocus blur alone. *Investigative*

- Ophthalmology and Visual Science, 58(3), 1758-1763. .
- De Graaf, T. A., De Jong, M. C., Goebel, R., Van Ee, R., & Sack, A. T. (2011). On the functional relevance of frontal cortex for passive and voluntarily controlled bistable vision. *Cerebral Cortex*, 21(10), 2322-2331
- de Jong, M. C., Hendriks, R. J. M., Vansteensel, M. J., Raemaekers, M., Verstraten, F. A. J., Ramsey, N. F., van Ee, R. (2016). Intracranial recordings of occipital cortex responses to illusory visual events. *The Journal of Neuroscience*, 36(23), 6297-6311.
- Doi, T., & Fujita, I. (2014). Cross-matching: A modified cross-correlation underlying threshold energy model and match-based depth perception. *Frontiers in Computational Neuroscience*, 8, 127,
- Doi, T., Takano, M., & Fujita, I. (2013). Temporal channels and disparity representations in stereoscopic depth perception. *Journal of Vision*, 13(13): 26, 1-25.
- Doi, T., Tanabe, S., & Fujita, I. (2011). Matching and correlation computations in stereoscopic depth perception. *Journal of Vision*, 11(3):1, 1-16.
- Durand, J. B., Peeters, R., Norman, J. F., Todd, J. T., & Orban, G. A. (2009). Parietal regions processing visual 3D shape extracted from disparity. *Neuroimage*, 46(4), 1114-1126.
- Eagleman, D. M. (2008, April 14). Prediction and postdiction: Two frameworks with the goal of delay compensation. *Behavioral and Brain Sciences*, 31(2), 205-206.
- Eagleman, D. M., & Sejnowski, T. J. (2000) Motion integration and postdiction in visual awareness. *Science*, 287(5460), 2036-2038.
- Egeth, H. E., Virzi, R. A., & Garbart, H. (1984a). Searching for conjunctively defined targets. *Journal of Experimental Psychology: Human Perception and Performance*, 10, 32.
- Egeth, H. E., Virzi, R. A., & Garbart, H. (1984b). Searching for conjunctively defined targets. *Journal of Experimental Psychology: Human Perception and Performance*, 10(1), 32-39.
- Epstein, R. (2005). The cortical basis of visual scene processing. *Visual Cognition*, 12(6), 954-978.
- Epstein, R., & Kanwisher, N. (1998). A cortical representation of the local visual

- environment. *Nature*, 392(6676), 598-601.
- Fahle, M., Quenzer, T., Braun, C., & Spang, K. (2003). Feature-specific electrophysiological correlates of texture segregation. *Vision Research*, 43(1), 7-19.
- Fang, F., Boyaci, H., Kersten, D., & Murray, S. O. (2008). Attention-dependent representation of a size illusion in human V1. *Current Biology*, 18(21), 1707-1712.
- Faubert, J. (2002). Visual perception and aging. *Canadian Journal of Experimental Psychology*, 56, 164-176.
- Fendick, M., & Westheimer, G. (1983). Effects of practice and the separation of test targets on foveal and peripheral stereoacuity. *Vision Research*, 23(2), 145-150.
- Fooken, J., Yeo, S.-H., Pai, D. K., & Spering, M. (2016). Eye movement accuracy determines natural interception strategies. *Journal of Vision*, 16(14):1, 1-15.
- Gene, E., Bergmann, J., Tong, F., Blake, R., Singer, W., & Kohler, A. (2011). Callosal connections of primary visual cortex predict the spatial spreading of binocular rivalry across the visual hemifields. *Frontiers in Human Neuroscience*, 5, 161.
- De Graaf, T. A., De Jong, M. C., Goebel, R., Van Ee, R., & Sack, A. T. (2011). On the functional relevance of frontal cortex for passive and voluntarily controlled bistable vision. *Cerebral Cortex*. 21(10), 2322-2331
- Ghahghaei, S., McKee, S., & Verghese, P. (2016). The precision of stereopsis in the lower visual field. *Journal of Vision*, 16(12): 826.
- Ciuffreda, K. J., Kenyon, R. V., & Stark, L. (1978). Increased saccadic latencies in amblyopic eyes. *Investigative Ophthalmology & Visual Science*, 17(7), 697-702.
- Goncalves, N. R., Ban, H., Sanchez-Panchuelo, R. M., Francis, S. T., Schluppeck, D., & Welchman, A. E. (2015). 7 tesla fMRI reveals systematic functional organization for binocular disparity in dorsal visual cortex. *Journal of Neuroscience*, 35(7), 3056-3072.
- Goncalves, N. R., & Welchman, A. E. (2017). ‘ ‘What not’ ’ detectors help the brain see in depth. *Current Biology*, 27(10), 1403-1412. e8.
- Hamasaki, D. I., & Flynn, J. T. (1981). Amblyopic eyes have longer reaction times. *Investigative Ophthalmology & Visual Science*, 21(6), 846-853.
- Harris, J. M., & Parker, A. J. (1995) Independent neural mechanisms for bright and dark information in binocular stereopsis. *Nature*, 374(6525), 808-811.

- Harris, J. M., & Drga, V. F. (2005). Using visual direction in three-dimensional motion perception. *Nature Neuroscience*, 8(2), 229.
- He, D., Mo, C., Wang, Y., & Fang, F. (2015). Position shifts of fMRI-based population receptive fields in human visual cortex induced by Ponzo illusion. *Experimental Brain Research*, 233(12), 3535-3541.
- Hess, R. F., & Howell, E. R. (1977). The threshold contrast sensitivity function in strabismic amblyopia: Evidence for a two type classification. *Vision Research*, 17(9), 1049-1055.
- Hogendoorn, H., & Burkitt, A. N. (2018). Predictive coding of visual object position ahead of moving objects revealed by time-resolved EEG decoding. *NeuroImage*, 171, 55-61.
- Hogendoorn, H., Verstraten, F. A. J., & Cavanagh, P. (2015). Strikingly rapid neural basis of motion-induced position shifts revealed by high temporal-resolution EEG pattern classification. *Vision Research*, 113(Part A), 1-10.
- Holopigian, K., Blake, R., & Greenwald, M. J. (1986). Selective losses in binocular vision in anisometric amblyopes. *Vision Research*, 26(4), 621-630.
- Howard, H. J. (1919). A test for the judgment of distance. *Transactions of the American Ophthalmological Society*, 17, 195-235.
- Hubel, D. H., Wiesel, T. N., Yeagle, E. M., Lafer-Sousa, R., & Conway, B. R. (2015). Binocular stereoscopy in visual areas V-2, V-3, and V-3A of the macaque monkey. *Cerebral Cortex*, 25(4), 959-971.
- Joly, O., Vanduffel, W., & Orban, G. A. (2009). The monkey ventral premotor cortex processes 3D shape from disparity. *Neuroimage*, 47(1), 262-272. .
- Julesz, B., Kropfl, W., & Petrig, B. (1980). Large evoked potentials to dynamic random-dot correlograms and stereograms permit quick determination of stereopsis. *Proc. Natl. Acad. Sci. U.S.A.* 77(4), 2348-2351.
- Kaneko, H., & Howard, I. P. (1996). Relative size disparities and the perception of surface slant. *Vision Research*, 36(13), 1919-1930.
- Kartashova, T., Sekulovski, D., de Ridder, H., te Pas, S. F., & Pont, S. C. (2016). The global structure of the visual light field and its relation to the physical light field. *Journal of Vision*, 16(10):9, 1-18.
- Katyal, S., He, S., & Engel, S. (2015). Adapting the mechanism that initiates binocular rivalry. *Journal of Vision*, 15(12): 274.
- Kellman, P. J., Garrigan, P., & Shipley, T. F. (2005a) Object interpolation in three dimensions. *Psychological Review*, 112(3), 586-609.

- Kellman, P. J., Garrigan, P., Shipley, T. F., Yin, C., & Machado, L. (2005b) 3-D interpolation in object perception: Evidence from an objective performance paradigm. *Journal of Experimental Psychology: Human Perception and Performance*, 31, 558-583.
- Kellman, P. J. & Shipley, T. F. (1991). A theory of visual interpolation in object perception. *Cognitive Psychology*, 23, 141-221.
- Khoei, M. A., Masson, G. S., & Perrinet, L. U. (2017) The flash-lag effect as a motion-based predictive shift. *PLOS Computational Biology*, 13(1), e1005068.
- Kibbe, M. M., & Leslie, A. M. (2016). The ring that does not bind: Topological class in infants' working memory for objects. *Cognitive Development*, 38, 1-9.
- Kim, C.-Y., & Blake, R. (2005). Psychophysical magic: Rendering the visible 'invisible'. *Trends in Cognitive Sciences*, 9(8), 381-388.
- Kingdom, F. A. A., Jennings, B. J., & Georgeson, M. A. (2018). Adaptation to interocular difference. *Journal of Vision*, 18(5):9, 1-11.
- Kiorpes, L., Kiper, D. C., O'Keefe, L. P., Cavanaugh, J. R., & Movshon, J. A. (1998). Neuronal correlates of amblyopia in the visual cortex of macaque monkeys with experimental strabismus and anisometropia. *Journal of Neuroscience*.
- Klymenko, V., & Weisstein, N. (1980). Illusory contour produced by rotation-in-depth [Abstract]. *Optics News*, 6(3), 61.
- Klink, P. C., Brascamp, J. W., Blake, R., & Van Wezel, R. J. (2010). Experience-driven plasticity in binocular vision. *Current Biology*, 20(16), 1464-1469.
- Knapen, T., Brascamp, J., Pearson, J., van Ee, R., & Blake, R. (2011). The role of frontal and parietal brain areas in bistable perception. *Journal of Neuroscience*, 31(28), 10293-10301.
- Koenderink, J. J. (1986). Optic flow. *Vision Research*, 26(1), 161-179.
- Koenderink, J. J., & Van Doorn, A. J. (1991). Affine structure from motion. *Journal of The Optical Society of America A-optics Image Science and Vision*, 8(2), 377-385.
- Koenderink, J. J., Pont, S. C., van Doorn, A. J., Kappers, A. M. L., & Todd, J. T. (2007). The visual light field. *Perception*, 36(11), 1595-1610.
- Kondo, H. M., Kitagawa, N., Kitamura, M. S., Koizumi, A., Nomura, M., & Kashino, M. (2012) Separability and commonality of auditory and visual bistable perception. *Cerebral Cortex*, 22(8), 1915-1922.

- Kravitz, D. J., Saleem, K. S., Baker, C. I., & Mishkin, M. (2011). A new neural framework for visuospatial processing. *Nature Reviews Neuroscience*, 12(4), 217-230.
- Kruger, P. B., Mathews, S., Aggarwala, K. R., & Sanchez, N. (1993). Chromatic aberration and ocular focus: Fincham revisited. *Vision Research*, 33(10), 1397-1411.
- Kruger, P. B., Mathews, S., Aggarwala, K. R., Yager, D., & Kruger, E. S. (1995). Accommodation responds to changing contrast of long, middle and short spectralwaveband components of the retinal image. *Vision Research*, 35(17), 2415-2429.
- Kruger, P. B., & Pola, J. (1986). Stimuli for accommodation: Blur, chromatic aberration and size. *Vision Research*, 26(6), 957-971.
- Kwon, M., Wiecek, E., Dakin, S. C., & Bex, P. J. (2015). Spatial-frequency dependent binocular imbalance in amblyopia. *Scientific Reports*, 5, 17181.
- Lages, M. (2006). Bayesian models of binocular 3-d motion perception. *Journal of Vision*, 6(4) 14-14.
- Leopold, D. A., & Logothetis, N. K. (1996, February 8). Activity changes in early visual cortex reflect monkeys' percepts during binocular rivalry. *Nature*, 379(6565), 549-553.
- Levi, D. M., & Harwerth, R. S. (1977). Spatio-temporal interactions in anisometric and strabismic amblyopia. *Investigative Ophthalmology & Visual Science*, 16(1), 90-95.
- Levi, D. M., & Manny, R. E. (1980). The pathophysiology of amblyopia: Electrophysiological studies. *Annals of the New York Academy of Sciences*, 338(1), 243-260.
- Li, Z., & Atick, J. J. (1994). Efficient stereo coding in the multiscale representation. *Network: Computation in Neural Systems*, 5, 157-174.
- Li, A., & Zaidi, Q. (2000). Perception of three dimensional shape from texture is based on oriented energy. *Vision Research*, 40, 217-242.
- Li, A., & Zaidi, Q. (2001a). Information limitations in perception of shape from texture. *Vision Research*, 41, 1519-1533.
- Li, A., & Zaidi, Q. (2001b). Veridicality of three dimensional shape perception predicted from amplitude spectra of natural textures. *Journal of the Optical Society of America A, Optics, Image Science, and Vision*, 18, 2430-2447.

- Li, A., & Zaidi, Q. (2004). Three-dimensional shape from non-homogeneous textures: Carved and stretched surfaces. *Journal of Vision*, 4(10):3, 860-878.
- Lunghi, C., Burr, D. C., & Morrone, C. (2011). Brief periods of monocular deprivation disrupt ocular balance in human adult visual cortex. *Current Biology*, 21(14), R538-R539.
- May, K. A., & Zhaoping, L. (2016). Efficient coding theory predicts a tilt aftereffect from viewing untilted patterns. *Current Biology*, 26, 1571-1576.
- May, K. A., Zhaoping, L., & Hibbard, P. B. (2012). Perceived direction of motion determined by adaptation to static binocular images. *Current Biology*, 22, 28-32.
- Mayhew, J. E., & Longuet-Higgins, H. C. (1982). A computational model of binocular depth perception. *Nature*, 297(5865), 376-378.
- McKee, S. P., Levi, D. M., Schor, C. M., & Movshon, J. A. (2016). Saccadic latency in amblyopia. *Journal of Vision*, 16(5), 1-15.
- McKee, S. P., Welch, L., Taylor, D. G., & Bowne, S. F. (1990). Finding the common bond: Stereoacuity and the other hyperacuities. *Vision Research*, 30(6), 879-891.
- Mitchell, J. F., Stoner, G. R., & Reynolds, J. H. (2004, May 27). Object-based attention determines dominance in binocular rivalry. *Nature*, 429(6990), 410-413.
- Moreno-Bote, R., Shpiro, A., Rinzel, J., & Rubin, N. (2010). Alternation rate in perceptual bistability is maximal at and symmetric around equi-dominance. *Journal of Vision*, 10(11):1, 1-18.
- Movshon, J. A., Eggers, H. M., Gizzi, M. S., Hendrickson, A. E., Kiorpes, L., & Boothe, R. G. (1987). Effects of early unilateral blur on the macaque's visual system. III. Physiological observations. *Journal of Neuroscience*, 7(5), 1340-1351.
- Movshon, J. A., & Newsome, W. T. (1996). Visual response properties of striate cortical neurons projecting to area MT in macaque monkeys. *The Journal of Neuroscience*, 16(23), 7733-7741.
- Murray, S., & Bex, P. J. (2010). Perceived blur in naturally contoured images depends on phase. *Frontiers in Psychology*, 1, 185.
- Murray, S. O., Boyaci, H., & Kersten, D. (2006). The representation of perceived angular size in human primary visual cortex. *Nature Neuroscience*, 9(3), 429-434.
- Nakayama, K., & Loomis, J. M. (1974). Optical velocity patterns,

- velocity-sensitive neurons, and space perception: A hypothesis. *Perception*, 3(1), 63.
- Nawrot, E., Mayo, S. L., & Nawrot, M. (2009). The development of depth perception from motion parallax in infancy. *Attention, Perception & Psychophysics*, 71(1) 194-199.
- Ni, A. M., Murray, S. O., & Horwitz, G. D. (2014). Object-centered shifts of receptive field positions in monkey primary visual cortex. *Current Biology*, 24(14), 1653-1658.
- Nguyen, A. T. T., Palmer, C. J., Otsuka, Y., & Clifford, C. W. (2018). Biases in perceiving gaze vergence. *Journal of Experimental Psychology: General*, 147(8), 1125-1133.
- Nijhawan, R. 1994 Motion extrapolation in catching. *Nature*, 370(6487), 256-257.
- Norcia, A. M., Gerhard, H. E., & Meredith, W. J. (2017). Development of relative disparity sensitivity in human visual cortex. *Journal of Neuroscience*, 37(23), 5608-5619.
- Ohzawa, I., DeAngelis, G. C., & Freeman, R. D. (1990). Stereoscopic depth discrimination in the visual cortex: Neurons ideally suited as disparity detectors. *Science*, 249, 1037-1041.
- Oppenheim, A. V., & Lim, J. S. (1981). The importance of phase in signals. *Proceedings of the IEEE*, 69, 529-541.
- O' Shea, R. P., Parker, A., La Rooy, D., & Alais, D. (2009). Monocular rivalry exhibits three hallmarks of binocular rivalry: Evidence for common processes. *Vision Research*, 49(7), 671-681.
- Pan, J. S., & Bingham, G. P. (2013). With an eye to low vision: Optic flow enables perception despite image blur. *Optometry and Vision Science*, 90(10), 1119-1127.
- Pan, J. S., Li, J., Chen, Z., Mangiaracina, E. A., Connell, C. S., Wu, H., et al. (2017). Motion-generated optical information allows event perception despite blurry vision in amd and amblyopic patients. *Journal of Vision*, 17(12), 13.
- Park, S., Brady, T. F., Greene, M. R., & Oliva, A. (2011). Disentangling scene content from spatial boundary: Complementary roles for the parahippocampal place area and lateral occipital complex in representing real-world scenes. *The Journal of Neuroscience*, 31(4), 1333-1340.
- Pastukhov, A., & Braun, J. (2007). Perceptual reversals need no prompting by attention. *Journal of Vision*, 7(10):5, 1-17.

- Patten, M. L., & Welchman, A. E. (2015). fMRI activity in posterior parietal cortex relates to the perceptual use of binocular disparity for both signal-in-noise and feature difference tasks. *PLoS One*, 10(11), 1-22.
- Poljac, E., Neggers, B., & Van Den Berg, A. V. (2006). Collision judgment of objects approaching the head. *Experimental Brain Research*, 171(1), 35-46.
- Pressnitzer, D., & Hupé, J.-M. (2006). Temporal dynamics of auditory and bisual bistability reveal common principles of perceptual organization. *Current Biology*, 16(13), 1351-1357.
- Prince, S. J., Cumming, B. G., & Parker, A. J. (2002). Range and mechanism of encoding of horizontal disparity in macaque V1. *Journal of Neurophysiology*, 87(1), 209-221.
- Preston, T. J., Li, S., Kourtzi, Z., & Welchman, A. E. (2008). Multivoxel pattern selectivity for perceptually relevant binocular disparities in the human brain. *The Journal of Neuroscience*, 28(44), 11315-11327.
- Ramamurthy, M., Bedell, H. E., & Patel, S. S. (2005). Stereothresholds for moving line stimuli for a range of velocities. *Vision Research*, 45, 789-799.
- Regan, D., Erkelens, C. J., & Collewijn, H. (1986). Necessary conditions for the perception of motion in depth. *Investigative Ophthalmology & Visual Science*, 27(4), 584-597.
- Read, J. C. A., Vaz, X. A., & Serrano-Pedraza, I. (2011). Independent mechanisms for bright and dark image features in a stereo correspondence task. *Journal of Vision*, 11(12):4, 1-14.
- Rogers, B. J., & Bradshaw, M. F. (1993). Vertical disparities, differential perspective and binocular stereopsis. *Nature*, 361(6409), 253-255.
- Rokers, B., Cormack, L. K., & Huk, A. C. (2009). Disparity- and velocity- based signals for 3D motion perception in human MTp. *Nature Neuroscience*, 12(8), 1050-1055.
- Rubin, N., & Hupé, J.-M. (2005). Dynamics of perceptual bistability: Plaids and binocular rivalry compared. In D. Alais & R. Blake (Eds.), *Binocular rivalry*. Cambridge, MA: MIT Press.
- Sanada, T. M., & DeAngelis, G. C. (2014). Neural representation of motion-in-depth in area MT. *The Journal of Neuroscience*, 34(47), 15508-15521.
- Saunders, J. A., & Backus, B. T. (2006). Perception of surface slant from oriented textures. *Journal of Vision*, 6(9):3, 882-897.
- Schwartz, G., Taylor, S., Fisher, C., Harris, R., & Berry, M. J., II. (2007). Synchronized firing among retinal ganglion cells signals motion reversal.

- Neuron, 55(6), 958-969.
- Semmlow, J. L., & Hung, G. K. (1981). Experimental evidence for separate mechanisms mediating accommodative vergence and vergence accommodation. *Documenta Ophthalmologica*, 51(3), 209-224.
- Serrano-Pedraza, I., & Read, J. C. (2009). Stereo vision requires an explicit encoding of vertical disparity. *Journal of Vision*, 9(4)3, 1-13.
- Sokol, S. (1983). Abnormal evoked potential latencies in amblyopia. *British Journal of Ophthalmology*, 67(5), 310-314.
- Spang, K., Gillam, B., & Fahle, M. (2012). Electrophysiological correlates of binocular stereo depth without binocular disparities. *PLoS ONE*, 7(8).
- Sperandio, I., Chouinard, P. A., & Goodale, M. A. (2012). Retinotopic activity in V1 reflects the perceived and not the retinal size of an afterimage. *Nature Neuroscience*, 15(4), 540-542.
- Stocker, A. A., & Simoncelli, E. P. (2006). Noise characteristics and prior expectations in human visual speed perception. *Nature Neuroscience*, 9(4), 578.
- Tam, D. M., Shin, J., & Li, A. (2013). Dominance of orientation over frequency in the perception of 3-D slant and shape. *PLoS One*, 8(5), e64958.
- Tanabe, S., & Cumming, B. G. (2014). Delayed suppression shapes disparity selective responses in monkey V1. *Journal of Neurophysiology*, 111(9), 1759-1769.
- Todorović, D., & Jovanović, L. (2018). Is the Ebbinghaus illusion a size contrast illusion? *Acta Psychologica*, 185, 180-187.
- Tong, F., Meng, M., & Blake, R. (2006). Neural bases of binocular rivalry. *Trends in Cognitive Sciences*, 10(11), 502-511.
- Treisman, A., & Gelade, G. (1980). A feature-integration theory of attention. *Cognitive Psychology*, 12, 97-136.
- Turati, C., Simion, F., & Zanon, L. (2003). Newborns' perceptual categorization for closed and open geometric forms. *Infancy*, 4, 309-325.
- Tsao, D. Y., Vanduffel, W., Sasaki, Y., Fize, D., Knutsen, T. A., Mandeville, J. B., ... Tootell, R. B. (2003). Stereopsis activates V3A and caudal intraparietal areas in macaques and humans. *Neuron*, 39(3), 555-568.
- Tso, D., Miller, R., & Begum, M. (2017). Neuronal responses underlying shifts in interocular balance induced by short-term deprivation in adult macaque visual cortex. *Journal of Vision*, 17(10):576.
- Tsuchiya, N., Wilke, M., Frässle, S., & Lamme, V. A. (2015). No-report paradigms: Extracting the true neural correlates of consciousness. *Trends in*

- Cognitive Sciences, 19, 757-770.
- Uka, T., & DeAngelis, G. C. (2004). Contribution of area MT to stereoscopic depth perception: Choice-related response modulations reflect task strategy. *Neuron*, 42(2), 297-310.
- van Loon, A. M., Knapen, T. H. J., Scholte, H. S., John-Saaltink, E., Donner, T. H., & Lamme, V. A. F. (2013). GABA shapes the dynamics of bistable perception. *Current Biology: CB*, 23(9), 823-827.
- Von Noorden, G. K. (1961). Reaction time in normal and amblyopic eyes. *Archives of Ophthalmology*, 66(5), 695-701.
- Versace, E., Schill, J., Nincini, A. M., & Vallortigara, G. (2016). Naïve chicks prefer hollow objects. *PLoS One*, 11, e0166425.
- Wade, N. J., Weert, C. M. M. D., & Swanston, M. T. (1984). Binocular rivalry with moving patterns. *Perception & Psychophysics*, 35(2), 111-122.
- Wallach, H., & O'Connell, D. N. (1953). The kinetic depth effect. *Journal of Experimental Psychology*, 45(4), 205-217.
- Warren, W. H., Morris, M. W., & Kalish, M. (1988). Perception of translational heading from optical flow. *Journal of Experimental Psychology: Human Perception and Performance*, 14(4), 646.
- Warren, W. H., & Hannon, D. J. (1990). Eye movements and optical flow. *Journal of The Optical Society of America A*, 7(1), 160-169.
- Wasserman, E. A., Kiedinger, R. E., & Bhatt, R. S. (1988). Conceptual behavior in pigeons—Categories, subcategories, and pseudocategories. *Journal of Experimental Psychology—Animal Behavior Processes*, 14, 235-246.
- Watson, D. G., & Humphreys, G. W. (1997). Visual marking: Prioritizing selection for new objects by top-down attentional inhibition of old objects. *Psychological Review*, 104, 90-122.
- Welchman, A. E., Tuck, V. L., & Harris, J. M. (2004). Human observers are biased in judging the angular approach of a projectile. *Vision Research*, 44(17), 2027-2042.
- Welchman, A. E., Lam, J. M., & Bühlhoff, H. H. (2008). Bayesian motion estimation accounts for a surprising bias in 3d vision. *Proceedings of the National Academy of Sciences*, 105(33), 12087-12092.
- Westheimer, G., & McKee, S. P. (1978). Stereoscopic acuity for moving retinal images. *Journal of the Optical Society of America*, 68, 450-455

- Wiesenfelder, H., & Blake, R. (1990). The neural site of binocular rivalry relative to the analysis of motion in the human visual system. *The Journal of Neuroscience*, 10(12), 3880-3888.
- Wilson, H. R., Blake, R., & Lee, S. H. (2001). Dynamics of travelling waves in visual perception. *Nature*, 412, 907-910.
- Wolfe, J. M. (1983). Afterimages, binocular rivalry, and the temporal properties of dominance and suppression. *Perception*, 12(4), 439-445.
- Yantis, S., & Jonides, J. (1984). Abrupt visual onsets and selective attention: Evidence from visual search. *Journal of Experimental Psychology: Human Perception and Performance*, 10, 601-621.