

- Alexander, R. G., & Zelinsky, G. J. (2011). Visual similarity effects in categorical search. *Journal of Vision*, 11(8):9, 1-15, <http://www.journalofvision.org/content/11/8/9>, doi:10.1167/11.8.9.
- Anderson, E. J., Mannan, S. K., Husain, M., Rees, G., Sumner, P., Mort, D. J., McRobbie, D., & Kennard, C. (2007). Involvement of prefrontal cortex in visual search. *Experimental Brain Research*, 180, 289-302.
- Anderson, E. J., Mannan, S. K., Rees, G., Sumner, P., & Kennard, C. (2008). A role for spatial and nonspatial working memory processes in visual search. *Experimental Psychology*, 5, 301-312.
- Anderson, E. J., Mannan, S. K., Rees, G., Sumner, P., & Kennard, C. (2010). Overlapping functional anatomy for working memory and visual search. *Experimental Brain Research*, 200, 91-107.
- Beck, M. R., Lohrenz, M. C., & Trafton, J. G. (2010). Measuring search efficiency in complex visual search tasks: Global and local clutter. *Journal of Experimental Psychology: Applied*, 16, 238-250.
- Beck, M. R., Peterson, M. S., Vomela, M. (2006). Memory for where, but not what, is used during visual search. *Journal of Experimental Psychology: Human Perception & Performance*, 32, 235-250.
- Beck, M. R., Peterson, M. S., Boot, W. R., Vomela, M., & Kramer, A. F. (2006). Explicit memory for rejected distractors during visual search. *Visual Cognition*, 14, 150-174.
- Becker, S. I. (2011). Determinants of dwell time in visual search: Similarity or perceptual difficulty? *PLoS ONE* 6(3): e17740. doi:10.1371/journal.pone.001774.
- Beintema, J. A., van Loon, E. M., & van den Berg, A. V. (2005). Manipulating saccadic decision-rate distributions in visual search. *Journal of Vision*, 5, 150-164.
- Bekkering, H., & Neggers, S. F. W. (2002). Visual search is modulated by action intentions. *Psychological Science*, 13, 370-374.
- Belke, E., Humphreys, G. W., Watson, D. G., Meyer, A. S., & Telling, A. L. (2008). Top-down effects of semantic knowledge in visual search are modulated by cognitive but not perceptual load. *Perception & Psychophysics*. 70, 1444-1458.
- Benjamins, J. S., Hooge, I. T. C., van Elst, J. C., Wertheim, A. H., & Verstraten, F. A. J. (2009). Search time critically depends on irrelevant subset size in visual search. *Vision Research*, 49, 398-406.

- Boot, W. R., Becic, E., & Kramer, A. F. (2009). Stable individual differences in search strategy?: The effect of task demands and motivational factors on scanning strategy in visual search. *Journal of Vision*, 9(3):7, 1-16, <http://journalofvision.org/9/3/7/>, doi:10.1167/9.3.7.
- Boot, W. R., & Brockmole, J. R. (2010). Irrelevant features at fixation modulate saccadic latency and direction in visual search. *Visual Cognition*, 18, 481-491.
- Boot, W. R., Neider, M. B., & Kramer, A. F. (2009). Training and transfer of training in the search for camouflaged targets. *Attention, Perception, & Psychophysics*, 71, 950-963.
- Bricolo, E., Gianesini, T., Fanini, A., Bundesen, C., & Chelazzi, L. (2002) Serial attention mechanisms in visual search: A direct behavioral demonstration. *Journal of Cognitive Neuroscience*, 14, 980-993.
- Calvo, M. G., Nummenmaa, L., & Avero, P. (2008). Visual search of emotional faces: Eye-movement assessment of component processes. *Experimental Psychology*, 55, 359-370.
- Calvo, M. G., & Nummenmaa, L. (2008). Detection of emotional faces: Salient physical features guide effective visual search. *Journal of Experimental Psychology: General*, 137, 471-494.
- Caspi, A., Beutter, B. R., & Eckstein, M. P. (2004). The time course of visual information accrual guiding eye movement decisions. *Proceeding of National Academy of Sciences of the USA*, 101, 13086-13090.
- Castelhano, M. S., Pollatsek, A., & Cave, K. R. (2008). Typicality aids search for an unspecified target, but only in identification and not in attentional guidance. *Psychonomic Bulletin & Review*, 15, 795-801.
- Cassavaugh, N. D., Kramer, A. F., & Irwin, D. E. (2003). Influence of task-irrelevant onset distractors on the visual search performance of young and old adults. *Aging, Neuropsychology, and Cognition*, 10, 44 - 60.
- Chen, X., & Zelinsky, G. J. (2006). Real-world visual search is dominated by top-down guidance. *Vision Research*, 46, 4118-4133.
- Coeckelbergh, T. R. M., Cornelissen, F. W., Brouwer, W. H., & Kooijman, A. C. (2002). The effect of visual field defects on eye movements and practical fitness to drive. *Vision Research*, 42, 669-677.
- de Vries, J. P., Hooge, I. T. C., Wiering, M. A., & Verstraten, F. A. J. (2011). Saccadic selection and crowding in visual search: stronger lateral masking leads to shorter search times. *Experimental Brain Research*, 211, 119-131.
- Devue, C., Van der Stigchel, S., Brédart, S., & Theeuwes, J. (2009). You do not find your own face faster; you just look at it longer. *Cognition*, 111, 114-122.

- Dickinson, C. A., & Zelinsky, G. J. (2007). Memory for the search path: Evidence for a high-capacity representation of search history. *Vision Research*, 47, 1745-1755.
- Donk, M. & van Zoest, W. (2008). Effects of saliency are short-lived. *Psychological Science*, 19, 733-739.
- Durgin, F. H., Doyle, E., & Egan, L. (2008). Upper-left gaze bias reveals competing search strategies in a reverse Stroop task. *Acta Psychologica*, 127, 428-448.
- Eckstein, M. P., Beutter, B. R., Pham, B. T., Shimozaki, S. S., & Stone, L. S. (2007). Similar neural representations of the target for saccades and perception during search. *The Journal of Neuroscience*, 27, 1266-1270.
- Emerich, S. M., Ruppel, J. D. N., Al-Aidroos, N., Pratt, J., & Ferber, S. (2008). Out with the old: Inhibition of old items in a preview search is limited. *Perception & Psychophysics*, 70, 1552 - 1557.
- Forti, S., & Humphreys, G. W. (2008). Sensitivity to object viewpoint and action instructions during search for targets in the lower visual field. *Psychological Science*, 19, 42-48.
- Foulsham, T., & Underwood, G. (2009). Does conspicuity enhance distraction? Saliency and eye landing position when searching for objects. *The Quarterly Journal of Experimental Psychology*, 62, 1088-1098.
- Franconeri, S. L., Simons, D. J., & Junge, J. A. (2004). Searching for stimulus-driven shifts of attention. *Psychonomic Bulletin & Review*, 11, 876-881.
- Galpin, A. J., & Underwood, G. (2005). Eye movements during search and detection in comparative visual search. *Perception & Psychophysics*, 67, 1313-1331.
- Garaas, T. W., & Pomplun, M. (2008). Inspection time and visual-perceptual processing. *Vision Research*, 48, 523-537
- Geyer, T., Von Mühlhelen, A., & Müller, H. J. (2007). What do eye movements reveal about the role of memory in visual search? *The Quarterly Journal of Experimental Psychology*, 7, 924-935.
- Gilchrist, I. D., & Harvey, M. (2000). Refixation frequency and memory mechanisms in visual search. *Current Biology*, 10, 1209-1212.
- Gilchrist, I. D., & Harvey, M. (2006). Evidence for a systematic component within scan paths in visual search. *Visual Cognition*, 14, 704-715.
- Greene, H. H. (2006). The control of fixation duration in visual search. *Perception*, 35, 303-315.
- Greene, H. H. (2008). Distance-from-target dynamics during visual search. *Vision*

Research, 48, 2476-2484.

- Greene, H. H., Pollatsek, A., Masserang, K., Lee, Y. J., & Rayner, K. (2010). Directional processing within the perceptual span during visual target localization. *Vision Research*, 50, 1274-1282.
- Greene, H. H., & Rayner, K. (2001). Eye movement control in direction-coded visual search. *Perception*, 30, 147-157.
- Hannus, A., Neggers, S., Cornelissen, F.W., & Bekkering, H. (2005). Selection-for-action in visual search. *Acta Psychologica*, 118, 171-191.
- Hannus, A., van den Berg, R., Bekkering, H., Roerdink, J. B. T. M., & Cornelissen, F. W. (2006). Visual search near threshold: Some features are more equal than others. *Journal of Vision*, 6, 523-540.
- He, J., & McCarley, J. S. (2010). Executive working memory load does not compromise perceptual processing during visual search: Evidence from additive factors analysis. *Attention, Perception, & Psychophysics*, 72, 308-316.
- Henderson, J. M., Chanceaux, M., & Smith, T. J. (2009). The influence of clutter on real-world scene search: Evidence from search efficiency and eye movements. *Journal of Vision*, 9(1):32, 1-8, <http://journalofvision.org/9/1/32/>, doi:10.1167/9.1.32.
- Houtkamp, R., & Roelfsema, P. R. (2006). The effect of items in working memory on the deployment of attention and the eyes during visual search. *Journal of Experimental Psychology: Human Perception and Performance*, 32, 423-442.
- Hwang, A. D., Higgins, E. C., & Pomplun, M. (2009). A model of top-down attentional control during visual search in complex scenes. *Journal of Vision*, 9(5):25, 1-18, <http://journalofvision.org/9/5/25/>, doi:10.1167/9.5.25.
- Hwang, A. D., Wang, H.-C., & Pomplun, M. (2011). Semantic guidance of eye movements in real-world scenes. *Vision Research*, 51, 1192-1205.
- Iordanescu, L., Grabowecky, M., Franconeri, S., Theeuwes, J., & Suzuki, S. (2010). Characteristic sounds make you look at the targets faster in visual search. *Attention Perception & Psychophysics*, 72, 1736-1741.
- Jacob, M. & Hochstein, S. (2009). Comparing eye movements to detected vs. undetected target stimuli in an Identity Search task. *Journal of Vision*, 9(5):20, 1-16, <http://journalofvision.org/9/5/20/>, doi:10.1167/9.5.20.
- Klein, R. M., & MacInnes, W. J. (1999). Inhibition of return is a foraging facilitator in visual search. *Psychological Science*, 10, 346-352.
- Körner, C., & Gilchrist, I. D. (2008). Memory processes in multiple-target visual search. *Psychological Research*, 72, 99-105.

- Kotowicz, A., Rutishauser, U., & Koch, C. (2010). Time course of target recognition in visual search. *Frontiers in Human Neuroscience*, 4:31. doi:10.3389/fnhum.2010.00031.

- Kramer, A. F., Boot, W. R., McCarley, J. S., Peterson, M. S., Colcombe, A., & Scialfa, C. T. (2006). Aging, memory and visual search. *Acta Psychologica*, 122, 288-304.

- Kramer, A. F., Cassavaugh, N., Irwin, D. E., Peterson, M. S., & Hahn, S. (2001). Influence of single and multiple onset distractors on visual search for singleton targets. *Perception & Psychophysics*, 63, 952-968.

- Kramer, A. F., Hahn, S., Irwin, D. E., & Theeuwes, J. (1999). Attentional capture and aging: Implications for visual search performance and oculomotor control. *Psychology & Aging*, 14, 135-154.

- Kuhn, G., & Tipples, J. (2011). Increased gaze following for fearful faces. It depends on what you're looking for! *Psychonomic Bulletin & Review*, 18, 89-95.

- Meyer, A. S., Belke, E., Telling, A. L., & Humphreys, G. W. (2007). Early activation of object names in visual search. *Psychonomic Bulletin & Review*, 14, 710-716.

- McCarley, J. S., Kramer, A. F., Boot, W. R., Peterson, M. S., Wang, R. F. & Irwin, D. E. (2006). Oculomotor behavior in visual search for multiple targets. *Visual Cognition*, 14, 685-703.

- McCarley, J. S., Wang, R., Kramer, A. F., Irwin, D. E., & Peterson, M. S. (2003). How much memory does oculomotor search have? *Psychological Science*, 14, 422-426.

- Montfoort, I., Frens, M. A., Hooge, I. Th. C., Lagers-van Haselen, G. C., & van der Geest, J. N. (2007). Visual search deficits in Williams-Beuren syndrome. *Neuropsychologia*, 45, 931-938.

- Motter, B. C., & Simoni, D. A. (2007). The roles of cortical image separation and size in active visual search performance. *Journal of Vision*, 7(2):6, 1-15, <http://journalofvision.org/7/2/6/>, doi:10.1167/7.2.6.

- Motter, B. C., & Simoni, D. A. (2008). Changes in the functional visual field during search with and without eye movements. *Vision Research*, 48, 2382-2393.

- Neider, M. B., & Zelinsky, G. J. (2006). Searching for camouflaged targets: Effects of target-background similarity on visual search. *Vision Research*, 46, 2217-2235.

- Neider, M. B., & Zelinsky, G. J. (2006). Scene context guides eye movements during visual search. *Vision Research*, 46, 614-621.

- Neider, M. B., & Zelinsky, G. J. (2008). Exploring set size effects in scenes: Identifying the objects of search. *Visual Cognition*, 16, 1 - 10.

- Ojanpää, H., & Näsänen, R. (2003). Utilisation of spatial frequency information in face search. *Vision Research*, 43, 2505-2515.
- Ojanpää, H., Näsänen, R., & Kojo, I. (2002). Eye movements in the visual search of word lists. *Vision Research*, 42, 1499-1512.
- Over, E. A. B., Hooge, I. T. C., Vlaskamp, B. N. S., & Erkelens, C. J. (2007). Coarse-to-fine eye movement strategy in visual search. *Vision Research*, 47, 2272-2280.
- Panagopoulos, A., von Grunau, M. W., & Galera, C. (2004). Attentive mechanisms in visual search. *Spatial Vision*, 17, 353-371.
- Peterson, M. S., Beck, M. R., & Vomela, M. (2007). Visual search is guided by prospective and retrospective memory. *Perception and Psychophysics*, 69, 123 - 135.
- Peterson, M. S., Beck, M. R., & Wong, J. H. (2008). Were you paying attention to where you looked? The role of executive working memory in visual search. *Psychonomic Bulletin & Review*, 15, 372-377.
- Peterson, M. S., Boot, W. R., Kramer, A. F., & McCarley, J. S. (2004). Landmarks help guide attention during visual search. *Spatial Vision*, 17, 497-510.
- Peterson, M. S., & Kramer, A. F. (2001). Attentional guidance of the eyes by contextual information and abrupt onsets. *Perception and Psychophysics*, 63, 1239-1249.
- Peterson, M. S., Kramer, A. F., & Irwin, D. E. (2004). Covert shifts of attention precede involuntary eye movements. *Perception and Psychophysics*, 66, 398-405.
- Peterson, M. S., Kramer, A. F., Irwin, D. E. & Hahn, S. (2002). Modulation of oculomotor control by abrupt onsets during attentionally demanding visual search. *Visual Cognition*, 9, 755-791.
- Peterson, M. S., Kramer, A. F., Wang, F. R., Irwin, D. E., & McCarley, J. (2001). Visual search has memory. *Psychological Science*, 12, 287-292.
- Phillips, M. H., & Edelman, J. A. (2008). The dependence of visual scanning performance on saccade, fixation, and perceptual metrics. *Vision Research*, 48, 926-936.
- Palanica, A., & Itier, R. J. (2011). Searching for a perceived gaze direction using eye tracking. *Journal of Vision*, 11(2):19, 1-13, <http://www.journalofvision.org/content/11/2/19>, doi:10.1167/11.2.19.
- Pomplun, M. (2006). Saccadic selectivity in complex visual search displays. *Vision Research*, 46, 1886-1900.

- Pomplun, M., Reingold, E. M., & Shen, J. (2003). Area activation: A computational model of saccadic selectivity in visual search. *Cognitive Science*, 27, 299-312.
- Porter, G., Tales, A., & Leonards, U. (2010). What makes cast shadows hard to see? *Journal of Vision*, 10(3):13, 1-18, <http://journalofvision.org/10/3/13/>, doi:10.1167/10.3.13.
- Privitera, C. M., Renninger, L. W., Carney, T., Klein, S., & Aguilar, M. (2010). Pupil dilation during visual target detection. *Journal of Vision*, 10(10):3, 1-14, <http://www.journalofvision.org/content/10/10/3>, doi:10.1167/10.10.3.
- Rinck, M., Reinecke, A., Ellwart, T., Heuer, K., & Becker, E. S. (2005). Speeded detection and increased distraction in fear of spiders: Evidence from eye movements. *Journal of Abnormal Psychology*, 114, 235-248.
- Rutishauser, U., & Koch, C. (2007). Probabilistic modeling of eye movement data during conjunction search via feature-based attention. *Journal of Vision*, 7(6):5, 1-20, <http://journalofvision.org/7/6/5/>, doi:10.1167/7.6.5.
- Schmidt, J., & Zelinsky, G. J. (2009). Search guidance is proportional to the categorical specificity of a target cue. *Quarterly Journal of Experimental Psychology*, 62, 1904-1914.
- Schmidt, J., & Zelinsky, G. J. (2011). Visual search guidance is best after a short delay. *Vision Research*, 51, 535-545.
- Shen, J., Reingold, E. M., & Pomplun, M. (2000). Distractor ratio influences patterns of eye movements during visual search. *Perception*, 29, 241-250.
- Shen, J., Reingold, E. M., & Pomplun, M. (2003). Guidance of eye movements during conjunctive visual search: The distractor-ratio effect. *Canadian Journal of Experimental Psychology*, 57, 76-96.
- Sogo, H., & Takeda, Y. (2006). Effect of previously fixated locations on saccade trajectory during free visual search. *Vision Research*, 46, 3831-3844.
- Solman, G. J. F., Cheyne, J. A., & Smilek, D. (2011). Memory load affects visual search processes without influencing search efficiency. *Vision Research*, 51, 1185-1191.
- Solman, G. J. F., & Smilek, D. (2010). Item-specific location memory in visual search. *Vision Research*, 50, 2430-2438.
- Smith, T. J., & Henderson, J. M. (2011). Looking back at Waldo: Oculomotor inhibition of return does not prevent return fixations. *Journal of Vision*, 11(1):3, 1-11, <http://www.journalofvision.org/content/11/1/3>, doi:10.1167/11.1.3.
- Thomas, N. W., & Pare, M. (2007). Temporal processing of saccade targets in

parietal cortex area LIP during visual search. *Journal of Neurophysiology*, 97, 942-947.

■ Trukenbrod, H. A., & Engbert, R. (2007). Oculomotor control in a sequential search task. *Vision Research*, 47, 2426-2443.

■ Tseng, Y.-C., & Li, R. C.-S. (2004). Oculomotor correlates of context-guided learning in visual search. *Perception & Psychophysics*, 66, 1363-1378.

■ van Zoest, W., Lleras, A., Kingstone, A., & Enns, J. T. (2007). In sight, out of mind: The role of eye movements in the rapid resumption of visual search. *Perception and Psychophysics*, 69, 1204-127.

■ Vlaskamp, B. N. S., & Hooge, I. Th. C. (2006). Crowding degrades saccadic search performance. *Vision Research*, 46, 417-425.

■ Vlaskamp, B. N. S., Over, E. A. B., & Hooge, I. Th. (2005). Saccadic search performance: The effect of element spacing. *Experimental Brain Research*, 167, 246-259.

■ Walthew, C., & Gilchrist, I. D. (2006). Target location probability effects in visual search: An effect of sequential dependencies. *Journal of Experimental Psychology: Human Perception & Performance*, 32, 1294-1301.

■ Watson, D. G., & Inglis, M. (2007). Eye movements and time-based selection: Where do the eyes go in preview search? *Psychonomic Bulletin & Review*, 14, 852-857.

■ Watson, D. G., Maylor, E. A., & Bruce, L. A. M. (2007). The role of eye movements in subitizing and counting. *Journal of Experimental Psychology: Human Perception and Performance*, 33, 1389-1399.

■ Watson, M. R., Brennan, A. A., Kingstone, A., & Enns, J. T. (2010). Looking versus seeing: Strategies alter eye movements during visual search. *Psychonomic Bulletin & Review*, 17, 543-549.

■ Wertheim, A. H., Hooge, I. T. C., Krikke, K., & Johnson, A. (2006). How important is lateral masking in visual search? *Experimental Brain Research*, 170, 387-402.

■ Wienrich, C., Hesse, U., & Müller-Plath, G. (2009). Eye movements and attention in visual feature search with graded target-distractor-similarity. *Journal of Eye Movement Research*, 3(1):4, 1-19.

■ Williams, C. C. (2010). Not all visual memories are created equal. *Visual Cognition*, 18, 201-228.

■ Williams, C. C., & Pollatsek, A. (2007). Searching for an O in an array of Cs: Eye movements track moment-to-moment processing in visual search. *Perception & Psychophysics*, 69, 372-381.

- Williams, C. C., Pollatsek, A., Cave, K. R., & Stroud, M. J. (2009). More than just finding color: Strategy in global visual search is shaped by learned target probabilities. *Journal of Experimental Psychology: Human Perception and Performance*, 35, 688-699.

- Williams, D. E., & Reingold, E. M. (2001). Preattentive guidance of eye movements during triple conjunction search tasks: The effects of feature discriminability and saccadic amplitude. *Psychonomic Bulletin & Review*, 8, 476-488.

- Williams, D. E., Reingold, E. M., Moscovitch, M., & Behrmann, M. (1997). Patterns of eye movements during parallel and serial visual search tasks. *Canadian Journal of Experimental Psychology*, 51, 151-164.

- Xu, Y., Higgins, E. C., Xiao, M., & Pomplun, M. (2007). Mapping the color space of saccadic selectivity in visual search. *Cognitive Science*, 31, 877-887.

- Yang, H., Chen, X., & Zelinsky, G. J. (2009). A new look at novelty effects: Guiding search away from old distractors. *Attention, Perception, & Psychophysics*, 71, 554-564.

- Yang, H., & Zelinsky, G. J. (2009). Visual search is guided to categorically defined targets. *Vision Research*, 49, 2095-2103.

- Zehetleitner, M., Hegenloh, M., & Müller, H. J. (2011). Visually guided pointing movements are driven by the salience map. *Journal of Vision*, 11(1):24, 1-18, <http://www.journalofvision.org/content/11/1/24>, doi:10.1167/11.1.24.

- Zelinsky, G. J. (2008). A theory of eye movements during target acquisition. *Psychological Review*, 115, 787-835.

- Zelinsky, G. J., & Neider, M. B. (2008). An eye movement analysis of multiple object tracking in a realistic environment. *Visual Cognition*, 16, 553 - 566.

- Zelinsky, G. J., & Schmidt, J. (2009). An effect of referential scene constraint on search implies scene segmentation, *Visual Cognition*, 17, 1004-1028.

- Abegg, M., Lee H., & Barton J.J.S. (2010). Systematic diagonal and vertical errors in antisaccades and memory-guided saccades. *Journal of Eye Movement Research*, 3(3):5, 1-10.

- Abegg, M., Manoach, D. S., Barton, J. J. S. (2011). Knowing the future: partial foreknowledge effects on the programming of prosaccades and antisaccades. *Vision Research*, 51, 215-221.

- Abegg, M., Rodriguez, A. R., Lee1, H., & Barton, J. J. S. (2010). 'Alternate-goal bias' in antisaccades and the influence of expectation. *Experimental Brain Research*, 203, 553-562.

- Allman, A.-A., Benkelfat, C., Durand, F., Sibon, I., Dagher, A., Leyton, M., Baker, G. B., & O'Driscoll, G. A. (2010). Effect of d-amphetamine on inhibition and motor planning as a function of baseline performance. *Psychopharmacology*, 211, 423-433.
- Amlôt, R., & Walker, R. (2006) Are somatosensory saccades voluntary or reflexive? *Experimental Brain Research*, 168, 557-565.
- Akerfelt, A., Colonius, H., & Diederich, A. (2006). Visual-tactile saccadic inhibition. *Experimental Brain Research*, 169, 554-63.
- Armstrong, I. T., & Munoz, D. P. (2003). Inhibitory control of eye movements during oculomotor countermanding in adults with attention deficit hyperactivity disorder. *Experimental Brain Research*, 152, 444-452.
- Bialystok, E., Craik, F. I. M., & Ryan, J. (2006). Executive control in a modified antisaccade task: Effects of Aging and Bilingualism. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 32, 1341-1354.
- Blaukopf, C. L., & DiGirolamo, G. J. (2005). The automatic extraction and use of information from cues and go signals in an antisaccade task. *Experimental Brain Research*, 167, 654-659.
- Blaukopf, C. L., & DiGirolamo, G. J. (2006). Differential effects of reward and punishment on conscious and unconscious eye movements. *Experimental Brain Research*, 174, 786-792.
- Bojko, A., Kramer, A. F. & Peterson, M. S. (2004). Age equivalence in switch costs for prosaccade and antisaccade tasks. *Psychology and Aging*, 19, 226-234.
- Boucher, L., Stuphorn, V., Logan, G. D., Schall, J. D., & Palmeri, T. J. (2007). Stopping eye and hand movements: Are the processes independent? *Perception and Psychophysics*, 69, 785-801.
- Butler, S. H., Rossit, S., Gilchrist, I. D., Ludwig, C. J. H., Olk, B., Muir, K., Reeves, I., & Harvey, M. (2009). Non-lateralised deficits in anti-saccade performance in patients with hemispatial neglect. *Neuropsychologia*, 47, 2488-2495.
- Cabel, D. W. J. , Armstrong, I. T. , Reingold, E. , & Munoz, D. P. (2000). Control of saccade initiation in a countermanding task using visual and auditory stop signals. *Experimental Brain Research*, 133, 431 - 441.
- Chan, F., Armstrong, I. T., Pari, G., Riopelle, R. J., & Munoz, D. P. (2005). Deficits in saccadic eye-movement control in Parkinson's disease. *Neuropsychologia*, 43, 784-796.
- Cotti, J., Panouilleres, M., Munoz, D. P., Vercher, J. -L., Pelisson, D., & Guillaume, A. (2009). Adaptation of reactive and voluntary saccades: different patterns of adaptation revealed in the antisaccade task. *Journal of Physiology*, 587, 127 - 138.

- Crawford, T. J., Parker, E., Solis-Trapala, I., & Mayes, J. (2011). Is the relationship of prosaccade reaction times and antisaccade errors mediated by working memory? *Experimental Brain Research*, 208, 385-397.
- Dafoe, J., Armstrong, I., & Munoz, D. (2007). The influence of stimulus direction and eccentricity on pro- and anti-saccades in humans. *Experimental Brain Research*, 179, 563-570.
- Dépatie, L., O'Driscoll, G. A., Holahan, A.-L. V., Atkinson, V., Thavundayi, J. X., Kin, N. Y., & La, S. (2002). Nicotine and behavioral markers of risk for schizophrenia: A double-blind, placebo-controlled, cross-over study. *Neuropsychopharmacology*, 27, 1056-1070.
- Edelman, J. A., Valenzuela, N., & Barton, J. S. (2006). Antisaccade velocity, but not latency, results from a lack of saccade visual guidance. *Vision Research*, 46, 1411-1421.
- Emeric, E. E., Brown, J. W., Boucher, L., Carpenter, R. H. S., Hanes, D. P., Harris, R., Logan, G. d., Mashru, R. N., Pare, M., Pouget, P., Stuphorn, V., Taylor, T. L., & Schall, J. D. (2007). Influence of history on saccade countermanding performance in humans and macaque monkeys. *Vision Research*, 47, 35-49.
- Evens, D. R., & Ludwig, C. J. H. (2010). Dual-task costs and benefits in anti-saccade performance. *Experimental Brain Research*, 205, 545-557.
- Fecteau, J. H., Au, C., Armstrong, I. T., & Munoz, D. P. (2004) Sensory biases produce the alternation advantage found in sequential saccadic eye movement tasks. *Experimental Brain Research*, 159, 84-91.
- Ford, K. A., & Everling, S. (2009). Neural activity in primate caudate nucleus associated with pro- and anti-saccades. *Journal of Neurophysiology*, 102, 2334-2341.
- Gais, S., Köster, S., Sprenger, A., Bethke, J., Heide, W., & Kimmig, H. (2008). Sleep is required for improving reaction times after training on a procedural visuo-motor task. *Neurobiology of Learning and Memory*, 90, 610-615.
- Gilchrist, I. D., & Proske, H. (2006). Anti-saccades away from faces: evidence for an influence of high-level visual processes on saccade programming. *Experimental Brain Research*, 173, 708-712.
- Godijn, R., & Kramer, A. F. (2006). Prosaccades and antisaccades to onsets and color singletons: Evidence that erroneous prosaccades are not reflexive. *Experimental Brain Research*, 172, 439-448.
- Godijn, R., & Kramer, A. F. (2007). Antisaccade costs with static and dynamic targets. *Perception and Psychophysics*, 69, 802-815.
- Godijn, R., & Kramer, A. F. (2008). The effect of attentional demands on the

antisaccade cost. *Perception & Psychophysics*, 70, 795-806.

- Gooding, D. C. (1999). Antisaccade task performance in questionnaire-identified schizotypes. *Schizophrenia Research*, 35, 157-166.
- Gooding, D. C., Mohapatra, L., & Shea, H. B. (2004). Temporal stability of saccadic task performance in schizophrenia and bipolar patients. *Psychological Medicine*, 34, 921-932.
- Gooding, D. C., Shea, H. B., & Matts, C. W. (2005). Saccadic performance in questionnaire-identified schizotypes over time. *Psychiatry Research*, 133, 173-186.
- Gooding, D. C., & Tallent, K. A. (2001). The association between antisaccade task and working memory task performance in schizophrenia and bipolar disorder. *The Journal of Nervous and Mental Disease*, 189, 8-16.
- Guyader, N., Malsert, J., & Marendaz, C. (2010). Having to identify a target reduces latencies in prosaccades but not in antisaccades. *Psychological Research*, 74, 12-20.
- Hanisch, C., Radach, R., Holtkamp, K., Herpertz-Dahlmann, B., & Konrad, K. (2006). Oculomotor inhibition in children with and without attention deficit hyperactivity disorder (ADHD). *Journal of Neural Transmission*, 113, 671-684.
- Hodgson, T. L., Golding, C., Molyva, D., Rosenthal, C. R., Kennard, C. (2004). Eye movements during task switching: Reflexive, symbolic, and affective contributions to response selection. *Journal Of Cognitive Neuroscience*, 16, 318-330.
- Holahan, A.-L., V., & O'Driscoll, G. A. (2005). Antisaccade and smooth pursuit performance in positive- and negative-symptom schizotypy. *Schizophrenia Research*, 76, 43-54.
- Huestegge, L., Radach, R., & Kunert, H. J. (2009). Long-term effects of cannabis on oculomotor function in humans. *Journal of Psychopharmacology*, 23, 714-722.
- Hunt, A. R., & Klein, R. M. (2002). Eliminating the cost of task set reconfiguration. *Memory & Cognition*, 30, 529-539.
- Juan, C.-H., Muggleton, N. G., Tzeng, O. J. L., Hung, D. L., Cowey, A., & Walsh, V. (2008). Segregation of visual selection and saccades in human frontal eye fields. *Cerebral Cortex*, 18, 2410 - 2415.
- Klein, C. H., & Berg, P. (2001). Four-week test-retest stability of individual differences in the saccadic CNV, two saccadic task parameters, and selected neuropsychological tests. *Psychophysiology*, 38, 704-711.
- Koehn, J. D., Roy, E., & Barton, J. J. S. (2008). The 'diagonal effect': a systematic error in oblique antisaccades. *Journal of Neurophysiology*, 100, 587-597.

- Lee, H., Abegg, M., Rodriguez, A., Koehn, J., & Barton, J. J. S. (2010). Why do humans make antisaccade errors? *Experimental Brain Research*, 201, 65-73.
- LeVasseur, A. L., Flanagan, J. R., Riopelle, R. J., & Munoz, D. P. (2001). Control of volitional and reflexive saccades in Tourette's syndrome. *Brain*, 124, 2045-2058.
- Leung, H.-C., & Cai, W. (2007). Common and differential ventrolateral prefrontal activity during inhibition of hand and eye movements. *Journal of Neuroscience*, 27, 9893 - 9900.
- Liu, C.-L., Chiau, H.-Y., Tseng, P., Hung, D. L., Tzeng, O. J. L., Muggleton, N. G., & Juan, C. H. (2010). The antisaccade cost is modulated by contextual experience of location probability. *Journal of Neurophysiology*, 103, 1438-1447.
- Loeber, S., & Duka, T. (2009). Acute alcohol decreases performance of an instrumental response to avoid aversive consequences in social drinkers. *Psychopharmacology*, 205, 577-587.
- Loeber, S., & Duka, T. (2009). Acute alcohol impairs conditioning of a behavioural reward-seeking response and inhibitory control processes-implications for addictive disorders. *Addiction*, 104, 2013-2022.
- Mitchell, J. P., Macrae, C. N., & Gilchrist, I. D. (2002). Working memory and the suppression of reflexive saccades. *Journal of Cognitive Neuroscience*, 14, 95-103.
- Morand, S. M., Grosbras, M.-H., Caldara, R., & Harvey, M. (2010). Looking away from faces: Influence of high-level visual processes on saccade programming. *Journal of Vision*, 10(3):16, 1-10, <http://journalofvision.org/10/3/16/>, doi:10.1167/10.3.16.
- Morein-Zamir, S., & Kingstone, A. (2006). Fixation offset and stop signal intensity effects on saccadic countermanding: A crossmodal investigation. *Experimental Brain Research*, 175, 453-462.
- Morgan, C. J. A., Huddy, V., Lipton, M., Curran, H. V., & Joyce, E. M. (2009). Is persistent ketamine use a valid model of the cognitive and oculomotor deficits in schizophrenia? *Biological Psychiatry*, 65, 1099-1102.
- Nijboer, T. C. W., Vree, A., Dijkerman, H. C., & Van der Stigchel, S. (2010). Prism adaptation influences perception but not attention: evidence from antisaccades. *Neuroreport*, 21, 386-389.
- O'Driscoll, G. A., Dépatie, L., Holahan, A. V., Savion-Lemieux, T., Barr, R. G., Jolicoeur, C., & Douglas, V. I. (2005). Executive functions and methylphenidate response in subtypes of attention-deficit/hyperactivity disorder. *Biological Psychiatry*, 57, 1452-1460.
- Olk, B., & Jin, Y. (2011). Effects of aging on switching the response direction of pro- and antisaccades. *Experimental Brain Research*, 208, 139-150.

- Parton, A., Nachev, P., Hodgson, T. L., Mort, D., Thomas, D., Ordidge, R., Morgan, P. S., Jackson, S., Rees, G., & Husain, M. (2007). Role of the human supplementary eye field in the control of saccadic eye movements. *Neuropsychologia*, 45, 997-1008.
- Peltsch, A., Hoffman, A., Armstrong, I., Pari, G., & Munoz, D. P. (2008). Saccadic impairments in Huntington's disease. *Experimental Brain Research*, 186, 457-469.
- Pratt, J., & Trottier, L. (2005) Pro-saccades and anti-saccades to onset and offset targets. *Vision Research*, 45, 765-774.
- Rycroft, N., Hutton, S. B., & Rusted, J. M. (2006). The antisaccade task as an index of sustained goal activation in working memory: modulation by nicotine. *Psychopharmacology*, 188, 521-529.
- Rycroft, N., Hutton, S. B., Clowry, O., Groomsbridge, C., Sierakowski, A., & Rusted, J. M. (2007). Non-cholinergic modulation of antisaccade performance: a modafinil-nicotine comparison. *Psychopharmacology*, 195, 245-253.
- Sander, V., Soper, B., & Everling, S. (2010). Nonhuman primate event-related potentials associated with pro- and anti-saccades. *NeuroImage*, 49, 1650-1658.
- Sogo, H., & Takeda, Y. (2009). Effect of spatial inhibition on saccade trajectory depends on location-based mechanisms. *Japanese Psychological Research*, 51, 35-46.
- Tatler, B. W., & Hutton, S. B. (2007). Trial by trial effects in the antisaccade task. *Experimental Brain Research*, 179, 387-396.
- Taylor, A. J. G., & Hutton, S. B. (2007). The effects of individual differences on cued antisaccade performance. *Journal of Eye Movement Research*, 1(1):5, 1-9.
- Taylor, A. J. G., & Hutton, S. B. (2009). The effects of task instructions on pro and antisaccade performance. *Experimental Brain Research*, 195, 5-14.
- Thakkar, K. N., Schall, J. D., Boucher, L., Logan, G. D., & Park, S. (2011). Response inhibition and response monitoring in a saccadic countermanding task in schizophrenia. *Biological Psychiatry*, 69, 55-62.
- Tseng, Y.-C., & Li, C.-S. R. (2008). The effects of response readiness and error monitoring on saccade countermanding. *The Open Psychology Journal*, 1, 18-25.
- Van der Stigchel, S., Imants, P. & Ridderinkhof, K. R. (2011). Positive affect increases cognitive control in the antisaccade task. *Brain & Cognition*, 75, 177-181.
- Van Zoest, W., Van der Stigchel, S., & Barton, J. J. S. (2008). Distractor effects on saccade trajectories: a comparison of prosaccades, antisaccades, and memory-guided saccades. *Experimental Brain Research*, 186, 431-442.

■Vandierendonck, A., Deschuyteneer, M., Depoorter, A., & Drieghe, D. (2008). Input monitoring and response selection as components of executive control in pro-saccades and anti-saccades. *Psychological Research*, 72, 1-11.

■Vermeiren, A., Liefoghe, B., & Vandierendonck, A. (2010). Switch performance in peripherally and centrally triggered saccades. *Experimental Brain Research*, 206, 243-248.

■Vorstius, C., Radach, R., Lang, A. R., & Riccardi, C. J. (2008). Specific visuomotor deficits due to alcohol intoxication: Evidence from the pro- and antisaccade paradigms. *Psychopharmacology*, 196, 201-210.

■Wade, N. J., & Tatler, B. W. (2010). Recognition and eye movements with partially hidden pictures of faces and cars in different orientations. *i-Perception*, 1, 103-121.

■Wang, H.-C., Hwang, A. D., & Pomplun, M. (2010). Object Frequency and Predictability Effects on Eye Fixation Durations in Real-World Scene Viewing. *Journal of Eye Movement Research*, 3(3):3, 1-10.

***** Attention

■Austin, A. J., & Duka, T. (2010). Mechanisms of attention for appetitive and aversive outcomes in Pavlovian conditioning. *Behavioural Brain Research*, 213, 19-26.

■Bayliss, A. P., Pellegrino, G., & Tipper, S. P. (2004). Orienting of attention via observed eye gaze is head-centred. *Cognition*, 94, B1-B10.

■Bays, P. M., Singh-Curry, V., Gorgoraptis, N., Driver, J., & Husain, M. (2010). Integration of goal- and stimulus-related visual signals revealed by damage to human parietal cortex. *The Journal of Neuroscience*, 30, 5968-5978.

■Becker, M. W., & Rasmussen, I. P. (2008). Guidance of attention to objects and locations by long-term memory of natural scenes. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 34, 1325-1338.

■Becker, S. I. (2010). The role of target-distractor relationships in guiding attention and the eyes in visual search. *Journal of Experimental Psychology: General*, 139, 247-265.

■Becker, S. I. (2010). Oculomotor Capture by colour singletons depends on intertrial priming. *Vision Research*, 50, 2116-2126.

■Becker, S. I. (2010). Testing a postselectional account of across-dimension switch costs. *Psychonomic Bulletin & Review*, 17, 853-861.

■Becker, S. I., Folk, C. L., & Remington, R. W. (2010). The role of relational information in contingent capture. *Journal of Experimental Psychology: Human Perception and Performance*, 36, 1460-1476.

- Belopolsky, A. V., Devue, C. & Theeuwes, J. (2011). Angry faces hold the eyes. *Visual Cognition*, 19, 27-36.

- Belopolsky, A. V., & Theeuwes, J. (2009). When are attention and saccade preparation dissociated? *Psychological Science*, 20, 1340-1347.

- Betz, T., Kietzmann, T. C., Wilming, N., & König, P. (2010). Investigating task-dependent top-down effects on overt visual attention. *Journal of Vision*, 10(3):15, 1-14, <http://journalofvision.org/10/3/15/>, doi:10.1167/10.3.15.

- Boot, W. R., Kramer, A. F., Becic, E., Wiegmann, A. A., & Kubose, T. (2006). Detecting transient changes in dynamic displays: The more you look, the less you see. *Human Factors*, 48, 759-773.

- Boot, W. R., Kramer, A. F., & Peterson, M. S. (2005). Oculomotor consequences of abrupt object onsets and offsets: Onsets dominate oculomotor capture. *Perception and Psychophysics*, 67, 910-928.

- Born, S., Kerzel, D., & Theeuwes, J. (2011). Evidence for a dissociation between the control of oculomotor capture and disengagement. *Experimental Brain Research*, 208, 621-631.

- Brockmore, J. R., & Boot, W. R. (2009). Should I stay or should I go? Attentional disengagement from visually unique and unexpected items at fixation. *Journal of Experimental Psychology: Human Perception and Performance*, 35, 808-815.

- Buetti, S., & Kerzel, D. (2010). Effects of saccades and response type on the Simon effect: If you look at the stimulus, the Simon effect may be gone. *The Quarterly Journal of Experimental Psychology*, 63, 2172-2189.

- Caddigan, E., & Lleras, A. (2010). Saccadic repulsion in pop-out search: How a target's dodgy history can push the eyes away from it. *Journal of Vision*, 10(14):9, 1-9, <http://www.journalofvision.org/content/10/14/9>, doi:10.1167/10.14.9.

- Calvo, M. G., & Castillo, D. (2009). Semantic word priming in the absence of eye fixations: Relative contributions of overt and covert attention. *Psychonomic Bulletin & Review*, 16, 51 - 56.

- Calvo, M. G., & Nummenmaa, L. (2009). Lateralised covert attention in word identification. *Laterality: Asymmetries of Body, Brain and Cognition*, 14, 178-195.

- Carbone, E., & Schneider, W. X. (2010). The control of stimulus-driven saccades is subject not to central, but to visual attention limitations. *Attention, Perception, & Psychophysics*, 72, 2168-2175.

- Chica, A. B., Taylor, T. L., Lupiáñez, J., & Klein, R. M. (2010). Two mechanisms underlying inhibition of return. *Experimental Brain Research*, 201, 25-35.

- Chica, A. B., Klein, R. M., Rafal, R. D., & Hopfinger, J. B. (2010). Endogenous

saccade preparation does not produce inhibition of return: Failure to replicate rafal, calabresi, brennan, & sciolto (1989). *Journal of Experimental Psychology: Human Perception and Performance*, 36, 1193-206.

■ Colas, F., Flacher, F., Tanner, T., Bessi re, P., & Girard, B. (2009). Bayesian models of eye movement selection with retinotopic maps. *Biological Cybernetics*, 100, 203-214.

■ Cole, G. G., & Kuhn, G. (2009). Appearance matters: Attentional orienting by new objects in the precueing paradigm. *Visual Cognition*, 17, 755-776.

■ Collins, T., Heed, T., Dor -Mazars, K., & R der, B. (2010). Presaccadic attention interferes with feature detection. *Experimental Brain Research*, 201, 111-117.

■ Deubel, H., & Schneider, W. X. (2003). Delayed saccades, but not delayed manual aiming movements, require visual attention shifts. *Annals of the New York Academy of Sciences*, 1004, 289-296.

■ Dickinson, C. A., & Intraub, H. (2009). Spatial asymmetries in viewing and remembering scenes: Consequences of an attentional bias? *Atten Percept Psychophys*, 71, 1251-1262.

■ Donk, M., & Soesman, L. (2010). Salience is only briefly represented: Evidence from probe-detection performance. *Journal of Experimental Psychology: Human Perception & Performance*, 36, 286-302.

■ Eckstein, M. P., Drescher, B. A., & Shimozaki, S. S. (2006). Attentional cues in real scenes, saccadic targeting, and bayesian priors. *Psychological Science*, 17, 973-980.

■ Einh user, W., Rutishauser, U., Frady, E. P., Nadler, S., K nig, P., & Koch, C. (2006). The relation of phase noise and luminance contrast to overt attention in complex visual stimuli. *Journal of Vision*, 6, 1148-1158. <http://journalofvision.org/6/11/1/1148>.

■ Franconeri, S. L., & Simons, D. J. (2005). What dynamic signals capture attention: A reply to Abrams & Christ (2005). *Perception & Psychophysics*, 67, 962-966.

■ Frey, H.-P., Honey, C., & K nig, P. (2008). What's color got to do with it? The influence of color on visual attention in different categories. *Journal of Vision*, 8(14):6, 1-17, <http://journalofvision.org/8/14/6/>, doi:10.1167/8.14.6.

■ Frey, H.-P., Wirz, K., Willenbockel, V., Betz, T., Schreiber, C., Troscianko, T., & K nig, P. (2011). Beyond correlation: do color features influence attention in rainforest? *Frontiers in Human Neuroscience*, 5:36. doi: 10.3389/fnhum.2011.00036

■ Frischen, A., & Tipper, S., P. (2004). Orienting attention via observed gaze shift evokes longer term inhibitory effects: Implications for social interactions, attention, and memory. *Journal of Experimental Psychology: General*, 133, 516-533.

- Gabay, S., Pertzov, Y., & Henik, A. (2011). Orienting of attention, pupil size, and the norepinephrine system. *Attention, Perception, & Psychophysics*, 73, 123-129.
- Geng, J. J., & DiQuattro, N. E. (2010). Attentional capture by a perceptually salient non-target facilitates target processing through inhibition and rapid rejection. *Journal of Vision*, 10(6):5, 1-12, <http://www.journalofvision.org/content/10/6/5>, doi:10.1167/10.6.5.
- Geyer, T., Müller, H. J., & Krummenacher, J. (2008). Expectancies modulate attentional capture by salient color singletons. *Vision Research*, 48, 1315-1326.
- Godijn, R., & Kramer, A. F. (2008). Oculomotor capture by surprising onsets. *Visual Cognition*, 16, 279-289.
- Godijn, R., & Theeuwes, J. (2002). Oculomotor capture and inhibition of return. *Psychological Research*, 66, 234-246.
- Godijn, R., & Theeuwes, J. (2002). Programming of exogenous and endogenous saccades: Evidence for a competitive integration model. *Journal of Experimental Psychology: Human Perception and Performance*, 28, 1039-1054.
- Godijn, R., & Theeuwes, J. (2003). Parallel allocation of attention prior to the execution of saccade sequences. *Journal of Experimental Psychology: Human Perception and Performance*, 29, 882-896.
- Godijn, R., & Theeuwes, J. (2004). The relationship between inhibition of return and saccade trajectory deviations. *Journal of Experimental Psychology: Human Perception and Performance*, 30, 538-554.
- Guzman-Martinez, E., Leung, P., Franconeri, S., Grabowecky, M., & Suzuki, S. (2009). Rapid eye-fixation training without eyetracking. *Psychonomic Bulletin & Review*, 16, 491-496.
- Hayashi, R., Sugita, Y., Nishida, S., & Kawano, K. (2010). How motion signals are integrated across frequencies: Study on motion perception and ocular following responses using multiple-slit stimuli. *Journal of Neurophysiology*, 103, 230-243.
- Herwig, A., Beisert, M., & Schneider, W. X. (2010). On the spatial interaction of visual working memory and attention: Evidence for a global effect from memory-guided saccades. *Journal of Vision*, 10(5):8, 1-10, <http://journalofvision.org/content/10/5/8>, doi:10.1167/10.5.8.
- Höfler, M., Gilchrist, I. D., & Körner, C. (2011). Inhibition of return functions within but not across searches. *Attention, Perception, & Psychophysics*, 73, 1385-1397.
- Hong, S. L., & Beck, M. R. (2010). Uncertainty compensation in human attention: Evidence from response times and fixation durations. *PLoS ONE* 5(7): e11461. doi:10.1371/journal.pone.0011461.
- Huestegge, L., & Koch, I. (2010). Fixation disengagement enhances peripheral perceptual processing: evidence for a perceptual gap effect. *Experimental Brain*

Research, 201, 631-640.

- Hunt, A. R., & Cavanagh, P. (2011). Remapped visual masking. *Journal of Vision*, 11(1):13, 1-8, <http://www.journalofvision.org/content/11/1/13>, doi:10.1167/11.1.13.
- Hunt, A. R., Cooper, R. M., & Hung, C., & Kingstone, A. (2007). The effect of emotional faces on eye movements and attention. *Visual Cognition*, 15, 513 - 531.
- Hunt, A. R., von Muhlenen, A., & Kingstone, A. (2007). The time course of attentional and oculomotor capture reveals a common cause. *Journal of Experimental Psychology: Human Perception & Performance*, 33, 271-284.
- Imaruoka, T., Yanagida, T., & Miyauchi, S. (2003). Attentional set for external information activates the right intraparietal area. *Cognitive Brain Research*, 16, 199-209.
- Iordanescu, L., Grabowecky, M., & Suzuki, S. (2009). Demand-based dynamic distribution of attention and monitoring of velocities during multiple-object tracking. *Journal of Vision*, 9(4):1, 1-12, <http://journalofvision.org/9/4/1/>, doi:10.1167/9.4.1.
- Irwin, D. E. (2011). Where does attention go when you blink? *Attention, Perception, & Psychophysics*, 73, 1374-1384.
- Irwin, D. E., Colcombe, A. M., Kramer, A. F., & Hahn, S. (2000). Attentional and oculomotor capture by onset, luminance, and color singletons. *Vision Research*, 40, 1443-1458.
- Itier, R. J., Villate, C., & Ryan, J. D. (2007). Eyes always attract attention but gaze orienting is task-dependent: Evidence from eye movement monitoring. *Neuropsychologia*, 45, 1019-1028.
- Jost, T., Ouerhani, N., von Wartburg, R., Müri, R., & Hügli, H. (2005). Assessing the contribution of color in visual attention. *Computer Vision and Image Understanding*, 100, 107-123.
- Kerzel, D. (2004). Attentional load modulates mislocalization of moving stimuli, but does not eliminate the error. *Psychonomic Bulletin & Review*, 11, 848-853.
- Khan, A. Z., Heinen, S. J., & McPeck, R. M. (2010). Attentional cueing at the saccade goal, not at the target location, facilitates saccades. *Journal of Neuroscience*, 30, 5481-5488.
- Klein, R. M., Christie, J., & Morris, E. P. (2005). Vector averaging of inhibition of return. *Psychonomic Bulletin & Review*, 12, 295-300.
- Koivisto, M., Hyönä, J., & Revonsuo, A. (2004). The effects of eye movements, spatial attention and stimulus features on inattentive blindness. *Vision Research*, 44, 3211-3221.
- Kollmorgen, S., Nortmann, N., Schröder, S., & König, P. (2010). Influence of low-level stimulus features, task dependent factors, and spatial biases on overt visual attention. *PLoS Computational Biology*, 6(5): e1000791. doi:10.1371/journal.pcbi.1000791.
- Kuhn, G., & Kingstone, A. (2009). Look away! Eyes and arrows engage oculomotor responses automatically? *Attention, Perception, & Psychophysics*, 71, 314 - 327.
- Kuhn, G., Tatler, B. W., & Cole, G. (2009). You look where I look! Effect of gaze cues on overt and covert attention in misdirection. *Visual Cognition*, 17, 925-944.
- Kuhn, G., & Findlay, J. M. (2010). Misdirection, attention and awareness: Inattentive blindness reveals temporal relationship between eye movements and visual awareness. *The Quarterly Journal of Experimental Psychology*, 63, 136-146.
- Lamers, M. J. M., & Roelofs, A. (2011). Attention and gaze shifting in dual-task and go/no-go performance with vocal responding. *Acta Psychologica*, 137, 261-268.
- Li, C.-S. R., & Lin, S.-C. (2002). Inhibition of return in temporal order saccades.

Vision Research, 42, 2089-2093.

- Li, C.-S. R., & Lin, S.-C. (2002). A perceptual level mechanism of the inhibition of return in oculomotor planning. *Cognitive Brain Research*, 14, 269-276.
- Li, X., & Logan, G. D. (2008). Object-based attention in Chinese readers of Chinese words: Beyond Gestalt principles. *Psychonomic Bulletin & Review*, 15, 945 - 949.
- Lingnau, A., Schwarzbach, J., & Vorberg, D. (2010). (Un-) Coupling gaze and attention outside central vision. *Journal of Vision*, 10(11):13, 1-13, <http://www.journalofvision.org/content/10/11/13>, doi:10.1167/10.11.13.
- Liu, T., & Mance, I. (2011). Constant spread of feature-based attention across the visual field. *Vision Research*, 51, 26-33.
- Liu, T., Hospadaruk, L., Zhu, D. C., & Gardner, J. L. (2011). Feature-specific attentional priority signals in human cortex. *Journal of Neuroscience*, 31, 4484-4495.
- Ludwig, C. J. H., Eckstein, M. P., & Beutter, B. R. (2007). Limited flexibility in the filter underlying saccadic targeting. *Vision Research*, 47, 280-288.
- Ludwig, C. J. H., & Gilchrist, I. D. (2002). Stimulus-driven and goal-driven control over visual selection. *Journal of Experimental Psychology: Human Perception & Performance*, 28, 902-912.
- Ludwig, C. J. H., & Gilchrist, I. D. (2003). Goal-driven modulation of oculomotor capture. *Perception & Psychophysics*, 65, 1243-1251.
- Ludwig, C. J. H., & Gilchrist, I. D. (2006). The relative contributions of luminance contrast and task demands on saccade target selection. *Vision Research*, 46, 2743-2748.
- Ludwig, C. J. H., Gilchrist, I. D., & McSorley, E. (2004). The influence of spatial frequency and contrast on saccade latencies. *Vision Research*, 44, 2597-2604.
- Ludwig, C. J. H., Gilchrist, I. D., & McSorley, E. (2005). The remote distractor effect in saccade programming: channel interactions and lateral inhibition. *Vision Research*, 45, 1177-1190.
- Ludwig, C. J. H., Gilchrist, I. D., McSorley, E., & Baddeley, R. J. (2005). The temporal impulse response underlying saccadic decisions. *The Journal of Neuroscience*, 25, 9907-9912.
- Ludwig, C. J. H., Mildinhall, J. W., & Gilchrist, I. D. (2007). A population coding account for systematic variation in saccadic dead time. *Journal of Neurophysiology*, 97, 795-805.
- Ludwig, C. J. H., Ranson, A., & Gilchrist, I. D. (2008). Oculomotor capture by transient events: A comparison of abrupt onsets, offsets, motion, and flicker. *Journal of Vision*, 8(14):11, 1-16, <http://journalofvision.org/8/14/11/>, doi:10.1167/8.14.11.
- Luo, G., Garaas, T., Pomplun, M., & Peli, E. (2010). Inconsistency between peri-saccadic mislocalization and compression: Evidence for separate "what" and "where" visual systems. *Journal of Vision*, 10(12):32, 1-8, <http://www.journalofvision.org/content/10/12/32>, doi:10.1167/10.12.32.
- Mannan, S. K., Kennard, C., Potter, D., Pan, Y., & Soto, D. (2010). Early oculomotor capture by new onsets driven by the contents of working memory. *Vision Research*, 50, 1590-1597.
- Mathôt, S., & Theeuwes, J. (2010). Evidence for the predictive remapping of visual attention. *Experimental Brain Research*, 200, 117-122.
- Mathôt, S., & Theeuwes, J. (2010). Gradual remapping results in early retinotopic and late spatiotopic inhibition of return. *Psychological Science*, 21, 1793-1798.
- Matsukura, M., Brockmole, J. R., Boot, W. R., & Henderson, J. M. (2011). Oculomotor capture during real-world scene viewing depends on cognitive load.

Vision Research, 51, 546-552.

- Matthias, E., Bublak, P., Müller, H. J., Schneider, W. X., Krummenacher, J., & Finke, K. (2010). The influence of alertness on spatial and nonspatial components of visual attention. *Journal of Experimental Psychology: Human Perception & Performance*, 36, 38-56.
- Montagnini, A., & Castet, E. (2007). Spatiotemporal dynamics of visual attention during saccade preparation: Independence and coupling between attention and movement planning. *Journal of Vision*, 7(14):8, 1-16, <http://journalofvision.org/7/14/8/>, doi:10.1167/7.14.8.
- Moores, E., Laiti, L., & Chelazzi, L. (2003). Associative knowledge controls deployment of visual selective attention. *Nature Neuroscience*, 6, 182-189.
- Mortier, K., Donk, M., & Theeuwes, J. (2003). Attentional capture within and between objects. *Acta Psychologica*, 113, 133-145.
- Mortier, K., van Zoest, W., Meeter, M., & Theeuwes, J. (2010). Word cues affect detection but not localization responses. *Attention, Perception, & Psychophysics*, 72, 65-75.
- Motoyoshi, I. (2011). Attentional modulation of temporal contrast sensitivity in human vision. *PLoS ONE* 6(4): e19303. doi:10.1371/journal.pone.0019303.
- Mulckhuyse, M., van Zoest, W., & Theeuwes, J. (2008). Capture of the eyes by relevant and irrelevant onsets. *Experimental Brain Research*, 186, 225-235.
- Ni, J., Jiang, H., Jin, Y., Chen, N., Wang, J., Wang, Z., Luo, Y., Ma, Y., & Hu, X. (2011). Dissociable modulation of overt visual attention in valence and arousal revealed by topology of scan path. *PLoS ONE* 6(4): e18262. doi:10.1371/journal.pone.0018262.
- Nijboer, T. C. W., & Van der Stigchel, S. (2009). Is attention essential for inducing synesthetic colors? Evidence from oculomotor distractors. *Journal of Vision*, 9(6):21, 1-9, <http://journalofvision.org/9/6/21/>, doi:10.1167/9.6.21.
- Nummenmaa, L., Hyönä, J., & Calvo, M. G. (2006). Eye movement assessment of selective attentional capture by emotional pictures. *Emotion*, 6, 257-268.
- Ogawa, H., & Watanabe, K. (2010). Time to learn: Evidence for two types of attentional guidance in contextual cueing. *Perception*, 39, 72-80.
- Olivers, C. N. L., Meijer, F., & Theeuwes, J. (2006). Feature-based memory-driven attentional capture: Visual working memory content affects visual attention. *Journal of Experimental Psychology: Human Perception & Performance*, 32, 1243-1265.
- Onat, S., Libertus, K., & König, P. (2007). Integrating audiovisual information for the control of overt attention. *Journal of Vision*, 7(10):11, 1-16, <http://journalofvision.org/7/10/11/>, doi:10.1167/7.10.11.
- Ouerhani, N., von Wartburg, R., Hugli, H., & Muri, R. (2004). Empirical validation of the saliency-based model of visual attention. *Electronic Letters on Computer Vision and Image Analysis*, 3, 13-24.
- Palmer, J., Huk, A. C., & Shadlen, M. N. (2005). The effect of stimulus strength on the speed and accuracy of a perceptual decision. *Journal of Vision*, 5, 376-404. <http://journalofvision.org/5/5/1/>
- Palmer, J., & Moore, C. M. (2009). Using a filtering task to measure the spatial extent of selective attention. *Vision Research*, 49, 1045-1064.
- Pertzov, Y., Zohary, E., & Avidan, G. (2010). Rapid formation of spatiotopic representations as revealed by inhibition of return. *Journal of Neuroscience*, 30, 8882-8887.
- Pratt, J., & Neggers, B. (2008). Inhibition of return in single and dual tasks:

Examining saccadic, keypress, and pointing responses. *Perception and Psychophysics*, 70, 257-265.

- Rasche, C., & Gegenfurtner, K. (2010). Orienting during gaze guidance in a letter-identification task. *Journal of Eye Movement Research*, 3(4):3, 1-10.
- Rehder, B., & Hoffman, A. B. (2005). Eyetracking and selective attention in category learning. *Cognitive Psychology*, 51, 1-41.
- Ricciardelli, P., Bricolo, E., Aglioti, S. M., & Chelazzi, L. (2002) My eyes want to look where your eyes are looking: Exploring the tendency to imitate another individual's gaze. *NeuroReport*, 13, 2259-2264.
- Roefs, A., Jansen, A., Moresi, S., Willems, P., van Grootel, S., & van der Borgh, A. (2008). Looking good: BMI, attractiveness bias and visual attention. *Appetite*, 51, 552-555.
- Roelfsema, P. R., Houtkamp, R., & Korjoukov, I. (2010). Further evidence for the spread of attention during contour grouping: A reply to Crundall, Dewhurst, and Underwood (2008). *Attention, Perception & Psychophysics*, 72, 849-862.
- Rolfs, M., Engbert, R., & Kliegl, R. (2005). Crossmodal coupling of oculomotor control and spatial attention in vision and audition. *Experimental Brain Research*, 166, 427-439.
- Rolfs, M., Jonikaitis, D., Deubel, H., & Cavanagh, P. (2011). Predictive remapping of attention across eye movements. *Nature Neuroscience*, 14, 252-256.
- Scalf, P. E. & Beck, D. M. (2010). Competition in visual cortex impedes attention to multiple items. *Journal of Neuroscience*, 30, 161-169.
- Scalf, P. E., Basak, C., & Beck, D. M. (2011). Attention does more than modulate suppressive interactions: attending to multiple items. *Experimental Brain Research*, 212, 293-304.
- Schmidt, W. C. (2000). Endogenous attention and illusory line motion reexamined. *Journal of Experimental Psychology: Human Perception and Performance*, 26, 980 - 996.
- Sears, C. R., Thomas, C. L., LeHuquet, J. M., & Johnson, J. C. S. (2010). Attentional biases in dysphoria: An eye-tracking study of the allocation and disengagement of attention. *Cognition & Emotion*, 24, 1349-1368.
- Slotnick, S. D., Hopfinger, J. B., Klein, S. A., & Sutter E. E. (2002) Darkness beyond the light: Attentional inhibition surrounding the classic spotlight. *Neuroreport*, 13, 773-778.
- Smilek, D., Carriere, J. S. A., & Cheyne, J. A. (2010). Out of mind, out of sight: Eye blinking as indicator and embodiment of mind wandering. *Psychological Science*, 21, 786-789.
- Sogo, H., & Takeda, Y. (2007). Saccade trajectory under simultaneous inhibition for two locations. *Vision Research*, 47, 1537-1549.
- Song, J.-H., & Nakayama, K. (2007). Fixation offset facilitates saccades and manual reaching for single but not multiple target displays. *Experimental Brain Research*, 177, 223-232.
- Souto, D., & Kerzel, D. (2009). Evidence for an attentional component in saccadic inhibition of return. *Experimental Brain Research*, 195, 531-540.
- Stojanoski, B., & Niemeier, M. (2007). Feature-based attention modulates the perception of object contours. *Journal of Vision*, 7(14):18, 1-11, <http://journalofvision.org/7/14/18/>, doi:10.1167/7.14.18.
- Theeuwes, J., & Godijn, R. (2004). Inhibition of return and oculomotor interference. *Vision Research*, 44, 1485-1492.

- Theeuwes, J., de Vries, G. J., & Godijn, R. (2003). Attentional and oculomotor capture with static singletons. *Perception and Psychophysics*, 65, 735-746.
- Theeuwes, J., Godijn R., & Pratt, J. (2004). A new estimation of the attentional dwell time. *Psychonomic Bulletin & Review*, 11, 60-64.
- Theeuwes, J., Kramer, A. F., Hahn, S., & Irwin, D. E. (1998). Our eyes do not always go where we want them to go: capture of the eyes by new objects. *Psychological Science*, 9, 379-385.
- Theeuwes, J., Kramer, A. F., Hahn, S., Irwin, D. E., & Zelinsky, G. J. (1999). Influence of attentional capture on oculomotor control. *Journal of Experimental Psychology: Human Perception & Performance*, 25, 1595-1608.
- Theeuwes, J., Mathôt, S., & Kingstone, A. (2010). Object-based eye movements: the eyes prefer to stay within the same object. *Attention, Perception & Psychophysics*, 72, 597-601.

- Theeuwes, J., Olivers, C. N. L., & Chizk, C. L. (2005). Remembering a location makes the eyes curve away. *Psychological Science*, 16, 196-199.
- Theeuwes, J., & Van der Stigchel, S. (2006). Faces capture attention: Evidence from inhibition-of-return. *Visual Cognition*, 13, 657-665.
- Theeuwes, J., & Van der Stigchel, S. (2009). Saccade trajectory deviations and inhibition-of-return: Measuring the amount of attentional processing. *Vision Research*, 49, 1307-1315.
- Theeuwes, J., Van der Stigchel, S., & Olivers, C. N. L. (2006). Spatial working memory and inhibition of return. *Psychonomic Bulletin & Review*, 13, 608-613.
- Tse, P. U. (2005). Voluntary attention modulates the brightness of overlapping transparent surfaces. *Vision Research*, 45, 1095-1098.
- Turatto, M., Vescovi, M., & Valsecchi, M. (2007). Attention makes moving objects be perceived to move faster. *Vision Research*, 47, 166-178.
- Turk-Browne, N., & Pratt, J. (2005) Attending to eye movements and retinal eccentricity: Evidence for the Activity Distribution Model of Attention reconsidered. *Journal of Experimental Psychology: Human Perception and Performance*, 31, 1061-1066.
- van Boxtel, J. J. A., Tsuchiya, N., & Koch, C. (2010). Opposing effects of attention and consciousness on afterimages. *Proceedings of the National Academy of Sciences*, 107, 8883-8888.
- Van der Stigchel, S., & Theeuwes, J. (2007). The relationship between covert and overt attention in endogenous cueing *Perception and Psychophysics*, 69, 719-731.
- Van der Stigchel, S., Meeter, M., & Theeuwes, J. (2007). The spatial coding of the inhibition evoked by distractors. *Vision Research*, 47, 210-218.
- Van der Stigchel, S., Meeter, M., & Theeuwes, J. (2007). Top-down influences make saccades deviate away: The case of endogenous cues. *Acta Psychologica*, 125, 279-290.
- Van der Stigchel, S., Mills, M., & Dodd, M. D. (2010). Shift and deviate: Saccades reveal that shifts of covert attention evoked by trained spatial stimuli are obligatory. *Attention, Perception, & Psychophysics*, 72, 1244-1250.
- Van der Stigchel, S., & Theeuwes, J. (2005). The influence of attending to multiple locations on eye movements. *Vision Research*, 45, 1921-1927.
- Van der Stigchel, S., & Theeuwes, J. (2006). Our eyes deviate away from a location where a distractor is expected to appear. *Experimental Brain Research*, 169, 338-349.

- Van der Stigchel, S., & Theeuwes, J. (2008). Differences in distractor induced deviation between horizontal and vertical saccade trajectories, *Neuroreport*, 19, 251-254.
- van Ee, R., Noest, A. J., Brascamp, J. W., & van den Berg, A. V. (2006). Attentional control over either of the two competing percepts of ambiguous stimuli revealed by a two-parameter analysis: Means do not make the difference. *Vision Research*, 46, 3129-3141.
- van Zoest, W., & Donk, M. (2005) The effects of salience on saccadic target selection. *Visual Cognition*, 12, 353-375.
- van Zoest, W., & Donk, M. (2006). Saccadic target selection as a function of time. *Spatial Vision*, 19, 61-76.
- Van Zoest, W., & Donk, M. (2008). Goal-driven modulation as a function of time in saccadic target selection. *The Quarterly Journal of Experimental Psychology*, 61, 1553-1572.
- van Zoest, W., Donk, M., & Theeuwes, J. (2004). The role of stimulus-driven and goal-driven control in visual selection. *Journal of Experimental Psychology: Human Perception and Performance*, 30, 746-759.
- Weaver, M. D., Lauwereyns, J., & Theeuwes, J. (2011). The effect of semantic information on saccade trajectory deviations. *Vision Research*, 51, 1124-1128.
- Weaver, M. D., Phillips, J., & Lauwereyns, J. (2010). Semantic influences from a brief peripheral cue depend on task set. *The Quarterly Journal of Experimental Psychology*, 63, 1249-1255.
- Wilimzig, C., Tsuchiya, N., Fahle, M., Einhäuser, W., & Koch, C. (2008). Spatial attention increases performance but not subjective confidence in a discrimination task. *Journal of Vision*, 8(5):7, 1-10, <http://journalofvision.org/8/5/7/>, doi:10.1167/8.5.7.
- Wilkowski, B. M., Robinson, M. D., Gordon, R. D., & Troop-Gordon, W. (2007). Tracking the evil eye: Trait anger and selective attention within ambiguously hostile scenes. *Journal of Research in Personality*, 41, 650-666.
- Wong, J. H., Peterson, M. S., & Hillstrom, A. P. (2007). Are changes in semantic and structural information sufficient for oculomotor capture? *Journal of Vision*, 7(12):3, 1-10, <http://journalofvision.org/7/12/3/>, doi:10.1167/7.12.3.
- Yamagishi, N., Anderson, S. J., & Kawato, M. (2010). The observant mind: self-awareness of attentional status. *Proceedings of the Royal Society, London, Series B.*, 277, 3421-3426.
- Yao, J.-G., Gao, X., Yan, H.-M., & Li, C.-Y. (2011). Field of attention for instantaneous object recognition. *PLoS ONE* 6(1): e16343. doi:10.1371/journal.pone.0016343.
- Yigit-Elliott, S., Palmer, J., & Moore, C. M. (2011). Distinguishing blocking from attenuation in visual selective attention. *Psychological Science*, 22, 771-780.
- Zelinsky, G. J., & Todor, A. (2010). The role of "rescue saccades" in tracking objects through occlusions. *Journal of Vision*, 10(14):29, 1-13, <http://www.journalofvision.org/content/10/14/29>, doi:10.1167/10.14.29.
- Açık, A., Onat, S., Schumann, F., Einhäuser, W., & König, P. (2009). Effects of luminance contrast and its modifications on fixation behavior during free viewing of images from different categories. *Vision Research*, 49, 1541-1553.
- Açık, A., Sarwary, A., Schultze-Kraft, R., Onat, S., & König, P. (2010). Developmental changes in natural viewing behavior: bottom-up and top-down differences between children, young adults and older adults. *Front. Psychology*

1:207. doi: 10.3389/fpsyg.2010.00207.

- Afraz, A. & Cavanagh, P. (2009). The gender-specific face aftereffect is based in retinotopic not spatiotopic coordinates across several natural image transformations. *Journal of Vision*, 9(10):10, 1-17, <http://journalofvision.org/9/10/10/>, doi:10.1167/9.10.10.
- Bayless, S. J., Glover, M., Taylor, M. J., & Itier, R. J. (2011). Is it in the eyes? Dissociating the role of emotion and perceptual features of emotionally expressive faces in modulating orienting to eye gaze. *Visual Cognition*, 19, 483-510.
- Bate, S., Haslam, C., & Hodgson, T. L. (2009). Angry faces are special too: Evidence from the visual scanpath. *Neuropsychology*, 23, 658-667.
- Becker, M. W., & Detweiler-Bedell, B. (2009). Early detection and avoidance of threatening faces during passive viewing. *The Quarterly Journal of Experimental Psychology*, 62, 1257-1264.
- Becker, S. I., Ansorge, U., & Turatto, M. (2009). Saccades reveal that allocentric coding of the moving object causes mislocalization in the flash-lag effect. *Attention, Perception & Psychophysics*, 71, 1313-1324.
- Bindemann, M. (2010). Scene and screen center bias early eye movements in scene viewing. *Vision Research*, 50, 2577-2587.
- Bindemann, M., Scheepers, C., & Burton, A. M. (2009). Viewpoint and center of gravity affect eye movements to human faces. *Journal of Vision*, 9(2):7, 1-16, <http://journalofvision.org/9/2/7/>, doi:10.1167/9.2.7.
- Bindemann, M., Scheepers, C., Ferguson, H. J., & Burton, A. M. (2010). Face, body, and center of gravity mediate person detection in natural scenes. *Journal of Experimental Psychology: Human Perception and Performance*, 36, 1477-1485.
- Birmingham, E., Bischof, W. F., & Kingstone, A. (2007). Why do we look at people's eyes? *Journal of Eye Movement Research*, 1(1):1, 1-6, <http://jemr.org/>.
- Birmingham, E., Bischof, W. F., & Kingstone, A. (2008). Gaze selection in complex social scenes. *Visual Cognition*, 16, 341-355.
- Birmingham, E., Bischof, W. F., & Kingstone, A. (2008). Social attention and real-world scenes: The roles of action, competition and social content. *The Quarterly Journal of Experimental Psychology*, 61, 986-998.
- Birmingham, E., Bischof, W. F., & Kingstone, A. (2009). Get real! Resolving the debate about equivalent social stimuli. *Visual Cognition*, 17, 904-924.
- Birmingham, E., Bischof, W. F., & Kingstone, A. (2009). Saliency does not account for fixations to eyes within social scenes. *Vision Research*, 49, 2992-3000.
- Bleumers, L., De Graef, P., Verfaillie, K., & Wagemans, J. (2008). Eccentric grouping by proximity in multistable dot lattices. *Vision Research*, 48, 179-192.
- Blais, C., Jack, R. E., Scheepers, C., Fiset, D., & Caldara, R. (2008). Culture shapes how we look at faces. *PLoS ONE*. 2008; 3(8): e3022.
- Böhme, M., Dorr, M., Krause, C., Martinetz, T., & Barth, E. (2006). Eye movement predictions on natural videos. *Neurocomputing*, 69, 1996-2004.
- Bonitz, V. S., & Gordon, R. D. (2008). Attention to smoking-related and incongruous objects during scene viewing. *Acta Psychologica*, 129, 255-263.
- Brenner, E., Meijer, W. J., & Cornelissen, F. W. (2005). Judging relative positions across saccades. *Vision Research*, 45, 1587-1602.
- Brockmole, J. R., & Irwin, D. E. (2005). Eye movements and the integration of visual memory and visual perception. *Perception and Psychophysics*, 67, 495-512.
- Brockmole, J. R., & Vo, M. L.-H. (2010). Semantic memory for contextual regularities within and across scene categories: Evidence from eye movements.

Attention, Perception, & Psychophysics, 72, 1803-1813.

- Brouwer, G. J., & van Ee, R. (2006). Endogenous influences on perceptual bistability depends on exogenous stimulus characteristics. *Vision Research*, 46, 3393-3402.
- Brouwer, G. J., & van Ee, R. (2007). Visual cortex allows prediction of perceptual states during ambiguous structure-from-motion. *Journal of Neuroscience*, 27, 1015-1023.
- Buchan, J. N., Paré, M., & Munhall, K. G. (2007). Spatial statistics of gaze fixations during dynamic face processing. *Social Neuroscience*, 2, 1-13.
- Buchan, J. N., Paré, M., & Munhall, K. G. (2008). The effect of varying talker identity and listening conditions on gaze behavior during audiovisual speech perception. *Brain Research*, 1242, 162-171.
- Butler, S., Gilchrist, I. D., Burt, D. M., Perrett, D. I., Jones, E., & Harvey, M. (2005). Are the perceptual biases found in chimeric face processing reflected in eye-movement patterns? *Neuropsychologia*, 43, 52-59.
- Caldara, R., Zhou, X., & Mielle, S. (2010). Putting culture under the 'spotlight' reveals universal information use for face recognition. *PLoS ONE* 5(3): e9708. doi:10.1371/journal.pone.0009708.
- Calvo, M. G., & Nummenmaa, L. (2007). Processing of unattended emotional visual scenes. *Journal of Experimental Psychology: General*, 136, 347-369.
- Calvo, M. G., Nummenmaa, L., & Avero, P. (2010). Recognition advantage of happy faces in extrafoveal vision: Featural and affective processing. *Visual Cognition*, 18, 1274-1297.
- Calvo, M. G., Nummenmaa, L., & Hyönä, J. (2007). Emotional and neutral scenes in competition: Orienting, efficiency, and identification. *Quarterly Journal of Experimental Psychology*, 60, 1585-1593.
- Calvo, M. G., Nummenmaa, L., & Hyönä, J. (2008). Emotional scenes in peripheral vision: Selective orienting and gist processing, but not content identification. *Emotion*, 8, 68-80.
- Calvo, M. G., & Nummenmaa, L. (2009). Eye-movement assessment of the time course in facial expression recognition: Neurophysiological implications. *Cognitive, Affective, & Behavioral Neuroscience*, 9, 398-411.
- Castelhano, M. S., & Heaven, C. (2010). The relative contribution of scene context and target features to visual search in real-world scenes. *Attention, Perception, & Psychophysics*, 72, 1283-1297.
- Cerf, M., Frady, E. P., & Koch, C. (2009). Faces and text attract gaze independent of the task: Experimental data and computer model. *Journal of Vision*, 9(12):10, 1-15, <http://journalofvision.org/9/12/10/>, doi:10.1167/9.12.10.
- Chahine, G., & Krekelberg, B. (2009). Cortical contributions to saccadic suppression. *PLoS ONE* 4(9): e6900. doi:10.1371/journal.pone.0006900.
- Collin, C. A., McMullen, P. A., Séguin, J.-A. (2009). A significant bilateral field advantage for shapes defined by static and motion cues. *Perception*, 38, 1132-1143.
- Cristino, F., & Baddeley, R. (2009). The nature of the visual representations involved in eye movements when walking down the street. *Visual Cognition*, 17, 880-903.
- Dassonville, P., & Bala, J. K. (2004). Perception, action, and Roelofs effect: A mere illusion of dissociation. *PLoS Biology*, 2, 1936-1945.
- Dassonville, P., Bridgeman, B., Bala, J. K., Thiem, P., & Sampanes, A. (2004). The induced Roelofs effect: Two visual systems or the shift of a single reference frame?

Vision Research, 44, 603-611.

- de Grave, D. D. J., & Bruno, N. (2010). The effect of the Müller-Lyer illusion on saccades is modulated by spatial predictability and saccadic latency. *Experimental Brain Research*, 203, 671-679.
- de Grave, D. D. J., Smeets, J. B. J., & Brenner, E. (2006). Why are saccades influenced by the Brentano illusion? *Experimental Brain Research*, 175, 177-182.
- De Filippo, C. L., & Lansing, C. R. (2006). Eye fixations of deaf and hearing observers in simultaneous communication perception. *Ear & Hearing*, 27, 331-352.
- Digirolamo, G. J., McCarley, J. S., Kramer, A. F., & Griffin, H. J. (2008). Voluntary and reflexive eye movements to illusory lengths. *Visual Cognition*, 16, 68-89.
- DiPaola, S., Riebe, C., & Enns, J. T. (2010). Rembrandt's textural agency: A shared perspective in visual art and science. *Leonardo*, 43, 145-151.
- Dixon, B. J., Grimshaw, G. M., Linklater, W. L., & Dixon, A. F. (2010). Watching the hourglass - eye tracking reveals men's appreciation of the female form. *Human Nature*, 21, 355-370.
- Dixon, B. J., Grimshaw, G. M., Linklater, W. L., & Dixon, A. F. (2011). Eye-tracking of men's preferences for waist-to-hip ratio and breast size of women. *Archives of Sexual Behavior*, 40, 43-50.
- Dixon, B. J., Grimshaw, G. M., Linklater, W. L., & Dixon, A. F. (2011). Eye Tracking of men's preferences for female breast size and areola pigmentation. *Archives of Sexual Behavior*, 40, 51-58.
- Dorr, M., Gegenfurtner, K. R., & Barth, E. (2009). The contribution of low-level features at the centre of gaze to saccade target selection. *Vision Research*, 49, 2918-2926.
- Dorr, M., Martinetz, T., Gegenfurtner, K. R., & Barth, E. (2010). Variability of eye movements when viewing dynamic natural scenes. *Journal of Vision*, 10(10):28, 1-17, <http://www.journalofvision.org/content/10/10/28>, doi:10.1167/10.10.28.
- Drewes, J., Trommershäuser, J., & Gegenfurtner, K. R. (2011). Parallel visual search and rapid animal detection in natural scenes. *Journal of Vision*, 11(2):20, 1-21, <http://www.journalofvision.org/content/11/2/20>, doi:10.1167/11.2.20.
- Droll, J. A., Gigone, K., & Hayhoe, M. M. (2007). Learning where to direct gaze during change detection. *Journal of Vision*, 7(14):6, 1-12, <http://journalofvision.org/7/14/6/>, doi:10.1167/7.14.6.
- Dukewich, K. R., Klein, R. M., & Christie, J. (2008). The effect of gaze on gaze direction while looking at art. *Psychonomic Bulletin & Review*, 15, 1141 - 1147.
- Einhäuser, W., Rutishauser, U., & Koch, C. (2008). Task-demands can immediately reverse the effects of sensory-driven saliency in complex visual stimuli. *Journal of Vision*, 8(2):2, 1-19, <http://journalofvision.org/8/2/2/>, doi:10.1167/8.2.2.
- Einhäuser, W., Spain, M., & Perona, P. (2008). Objects predict fixations better than early saliency. *Journal of Vision*, 8(14):18, 1-26, <http://journalofvision.org/8/14/18/>, doi:10.1167/8.14.18.
- Einhäuser, W., Stout, J., Koch, C., & Carter, O. (2008). Pupil dilation reflects perceptual selection and predicts subsequent stability in perceptual rivalry. *Proceedings of the National Academy of Sciences*, 105, 1704-1709.
- Engmann, S., Hart, B. M., Sieren, T., Onat, S., König, P., & Einhäuser, W. (2009). Saliency on a natural scene background: Effects of color and luminance contrast add linearly. *Attention, Perception, & Psychophysics*, 71, 1337-1352.
- Evans, K., Rotello, C., Li, X., & Rayner, K. (2009). Scene perception and memory revealed by eye movements and receiver-operating characteristic analyses: Does a

cultural difference truly exist? *The Quarterly Journal of Experimental Psychology*, 62, 276 - 285.

- Everdell, I. T., Marsh, H., Yurick, M. D., Munhall, K. G., & Paré, M. (2007). Gaze behaviour in audiovisual speech perception: Asymmetrical distribution of face-directed fixations. *Perception*, 36, 1535-1545.
- Faivre, N., & Kouider, S. (2011). Multi-feature objects elicit nonconscious priming despite crowding. *Journal of Vision*, 11(3):2, 1-10, <http://www.journalofvision.org/content/11/3/2>, doi:10.1167/11.3.2.
- Ferber, S., & Murray L. (2005). Are perceptual judgments dissociated from motor processes? A prism adaptation study. *Cognitive Brain Research*, 23, 453-456.
- Foulsham, T., Cheng, J. T., Tracy, J. L., Henrich, J., & Kingstone, A. (2010). Gaze allocation in a dynamic situation: Effects of social status and speaking. *Cognition*, 117, 319-331.
- Foulsham, T., & Kingstone, A. (2010). Asymmetries in the direction of saccades during perception of scenes and fractals: Effects of image type and image features. *Vision Research*, 50, 779-795.
- Foulsham, T., Kingstone, A., & Underwood, G. (2008). Turning the world around: Patterns in saccade direction vary with picture orientation. *Vision Research*, 48, 1777-1790.
- Foulsham, T., & Underwood, G. (2008). What can saliency models predict about eye movements? Spatial and sequential aspects of fixations during encoding and recognition. *Journal of Vision*, 8(2):6, 1-17, <http://journalofvision.org/8/2/6/>, doi:10.1167/8.2.6.
- Foulsham, T., & Underwood, G. (2007). How does the purpose of inspection influence the potency of visual salience in scene perception? *Perception*, 36, 1123-1138.
- Fracasso, A., Caramazza, A., & Melcher, D. (2010). Continuous perception of motion and shape across saccadic eye movements. *Journal of Vision*, 10(13):14, 1-17, <http://www.journalofvision.org/content/10/13/14>, doi:10.1167/10.13.14.
- Fuchs, I., Ansorge, U., Redies, C., & Leder, H. (2011). Saliency in paintings: Bottom-up influences on eye fixations. *Cognitive Computation*, 3, 25-36.
- Georg, K., Hamker, F. H., & Lappe, M. (2008). Influence of adaptation state and stimulus luminance on peri-saccadic localization. *Journal of Vision*, 8(1):15, 1-11, <http://journalofvision.org/8/1/15/>, doi:10.1167/8.1.15.
- Georg, K., & Lappe, M. (2007). Spatio-temporal contingency of saccade-induced chronostasis. *Experimental Brain Research*, 180, 535-539.
- Hagemann, N., Schorer, J., Cañal-Bruland, R., Lotz, S., Strauss, B. (2010). Visual perception in fencing: Do the eye movements of fencers represent their information pickup? *Attention, Perception, & Psychophysics*, 72, 2204-2214.
- Hamker, F. H., Zirnsak, M., & Lappe, M. (2008). About the influence of post-saccadic mechanisms for visual stability on peri-saccadic compression of object location. *Journal of Vision*, 8(14):1, 1-13, <http://journalofvision.org/8/14/1/>, doi:10.1167/8.14.1.
- Hart, B. M., Vockeroth, J., Schumann, F., Bartl, K., Schneider, E., König, P., & Einhäuser, W. (2009). Gaze allocation in natural stimuli: Comparing free exploration to head-fixed viewing conditions. *Visual Cognition*, 17, 1132-1158.
- Hawes, R. (2009). Vision and reality: relativity in art. *Digital Creativity*, 20, 177-186.
- Heisz, J. J., & Shore, D. I. (2008). More efficient scanning for familiar faces. *Journal of Vision*, 8(1):9, 1-10, <http://journalofvision.org/8/1/9/>, doi:10.1167/8.1.9.

- Henderson, J. M., Malcolm, G. L., & Schandl, C. (2009). Searching in the dark: Cognitive relevance drives attention in real-world scenes. *Psychonomic Bulletin & Review*, 16, 850-856.
- Henderson, J. M., & Pierce, G. L. (2008). Eye movements during scene viewing: Evidence for mixed control of fixation durations. *Psychonomic Bulletin & Review*, 15, 566-573.
- Henderson, J. M., & Smith, T. J. (2009). How are eye fixation durations controlled during scene viewing? Further evidence from a scene onset delay paradigm. *Visual Cognition*, 17, 1055-1082.
- Higgins, J. S., Irwin, D. E., Wang, R. F., & Thomas, L. E. (2009). Visual direction constancy across eyeblinks. *Attention, Perception, & Psychophysics*, 71, 1607-1617.
- Higgins, J. S., & Wang, R. F. (2010). A landmark effect in the perceived displacement of objects. *Vision Research*, 50, 242-248.
- Hirose, Y., Kennedy, A., & Tatler, B. W. (2010). Perception and memory across viewpoint changes in moving images. *Journal of Vision*, 10(4):2, 1-19, <http://journalofvision.org/10/4/2/>, doi:10.1167/10.4.2.
- Holm, L., Eriksson, J., & Andersson, L. (2008). Looking as if you know: Systematic object inspection precedes object recognition. *Journal of Vision*, 8(4):14, 1-7, <http://journalofvision.org/8/4/14/>, doi:10.1167/8.4.14.
- Hsiao, J. H., & Cottrell, G. W. (2009). Not all visual expertise is holistic, but it may be leftist: The case of Chinese character recognition. *Psychological Science*, 20, 455-463.
- Hsieh, P. -J., & Tse, P. U. (2009). Feature mixing rather than feature replacement during perceptual filling-in. *Vision Research*, 49, 439-450.
- Huebner, G. M., & Gegenfurtner, K. R. (2010). Effects of viewing time, fixations, and viewing strategies on visual memory for briefly presented natural objects. *The Quarterly Journal of Experimental Psychology*, 63, 1398 - 1413.
- Hunt, A. R. & Cavanagh, P. (2009). Looking ahead: The perceived direction of gaze shifts before the eyes move. *Journal of Vision*, 9(9):1, 1-7, <http://journalofvision.org/9/9/1/>, doi:10.1167/9.9.1.
- Intraub, H. & Dickinson, C. A. (2008). False memory 1/20th of a second later: What the early onset of boundary extension reveals about perception. *Psychological Science*, 19, 1007-1014.
- Ito, J., Nikolaev, A. R., Luman, M., Aukes, M. F., & Nakatani, C. (2003). Perceptual switching, eye movements, and the bus paradox. *Perception*, 32, 681-698.
- Iyilikci, O., Becker, C., Güntürkün, O., & Amado, S. (2010). Visual processing asymmetries in change detection. *Perception*, 39, 761-769.
- Jacobs, R. H. A. H., Renken, R., Thumfart, S., & Cornelissen, F. W. (2010). Different judgments about visual textures invoke different eye movement patterns. *Journal of Eye Movement Research*, 3(4):2, 1-13.
- Jansen, L., Onat, S., & König, P. (2009). Influence of disparity on fixation and saccades in free viewing of natural scenes. *Journal of Vision*, 9(1):29, 1-19, <http://journalofvision.org/9/1/29/>, doi:10.1167/9.1.29.
- Kaakinen, J. K., Hyönä, J., & Viljanen, M. (2011). Influence of a psychological perspective on scene viewing and memory for scenes. *The Quarterly Journal of Experimental Psychology*, 63, 1372-1387.
- Kaiser, M., & Lappe, M. (2004). Perisaccadic mislocalization orthogonal to saccade direction. *Neuron*, 41, 293-300.
- Kalisvaart, J. P., Rampersad, S. M., & Goossens, J. (2011). Binocular onset rivalry

at the time of saccades and stimulus jumps. *PLoS ONE* 6(6): e20017. doi:10.1371/journal.pone.0020017.

- Kaspar, K., & König, P. (2011). Overt attention and context factors: The impact of repeated presentations, image type, and individual motivation. *PLoS ONE* 6(7): e21719. doi:10.1371/journal.pone.0021719.
- Kelly, D. J., Jack, R. E., Mielle, S., De Luca, E., Foreman, K., & Caldara, R. (2011). Social experience does not abolish cultural diversity in eye movements. *Frontiers in Psychology*, 2:95. doi: 10.3389/fpsyg.2011.00095.
- Kelly, D. J., Mielle, S., & Caldara, R. (2010). Culture shapes eye movements for visually homogeneous objects. *Frontiers in Psychology*, 1:6. doi:10.3389/fpsyg.2010.00006.
- Kienzle, W., Franz, M. O., Schölkopf, B., & Wichmann, F. A. (2009). Center-surround patterns emerge as optimal predictors for human saccade targets. *Journal of Vision*, 9(5):7, 1-15, <http://journalofvision.org/9/5/7/>, doi:10.1167/9.5.7.
- Kimble, M. O., Fleming, K., Bandy, C., Kim, J., & Zambetti, A. (2010). Eye tracking and visual attention to threatening stimuli in veterans of the Iraq war. *Journal of Anxiety Disorders*, 24, 293-299.
- Kis, A. C., Singh, V. W. A., & Niemeier, M. (2009). Short- and long-term plasticity of eye position information: Examining perceptual, attentional, and motor influences on perisaccadic perception. *Journal of Vision*, 9(6):11, 1-20, <http://journalofvision.org/9/6/11/>, doi:10.1167/9.6.11.
- Kita, Y., Gunji, A., Sakihara, K., Inagaki, M., Kaga, M., Nakagawa, E., & Hosokawa, T. (2010). Scanning strategies do not modulate face identification: Eye-tracking and near-infrared spectroscopy study. *PLoS ONE* 5(6): e11050. doi:10.1371/journal.pone.0011050.
- Klingenhoefer, S., & Bremmer, F. (2009). Perisaccadic localization of auditory stimuli. *Experimental Brain Research*, 198, 411-423.
- Klink, P. C., van Ee, R., Nijs, M. M., Brouwer, G. J., Noest, A. J., & van Wezel, R. J. A. (2008). Early interactions between neuronal adaptation and voluntary control determine perceptual choices in bistable vision. *Journal of Vision*, 8(5):16, 1-18, <http://journalofvision.org/8/5/16/>, doi:10.1167/8.5.16.
- Knapen, T., Brascamp, J., Adams, W. J., & Graf, E. W. (2009). The spatial scale of perceptual memory in ambiguous figure perception. *Journal of Vision*, 9(13):16, 1-12, <http://journalofvision.org/9/13/16/>, doi:10.1167/9.13.16.
- Knapen, T. H. J., & van Ee, R. (2006). Slant perception, and its voluntary control, do not govern the slant aftereffect: Multiple slant signals adapt independently. *Vision Research*, 46, 3381-3392.
- Knapen, T., Rolfs, M., Wexler, M., & Cavanagh, P. (2010). The reference frame of the tilt aftereffect. *Journal of Vision*, 10(1):8, 1-13, <http://journalofvision.org/10/1/8/>, doi:10.1167/10.1.8.
- Kootstra, G., de Boer, B., & Schomaker, L. R. B. (2011). Predicting eye fixations on complex visual stimuli using local symmetry. *Cognitive Computation*, 3, 223-240.
- Lansing C. R., & McConkie, G. W. (2003). Word identification and eye fixation locations in visual and visual-plus-auditory presentations of spoken sentences. *Perception & Psychophysics*, 65, 536-552.
- Lappe, M., Kuhlmann, S., Oerke, B., & Kaiser, M. (2006). The fate of object features during perisaccadic mislocalization. *Journal of Vision*, 6(11), 1282-1293, <http://journalofvision.org/6/11/11/>, doi:10.1167/6.11.11.
- Leonards, U., & Mohr, C. (2009). Schizotypal personality traits influence

idiosyncratic initiation of saccadic face exploration. *Vision Research*, 49, 2404-2413.

- Leonards, U., & Scott-Samuel, N. E. (2005). Idiosyncratic initiation of saccadic face exploration in humans. *Vision Research*, 45, 2677-2684.
- Leopold, D. A., O'Toole, A., J., Vetter, T., & Blanz, V. (2001). Prototype-referenced shape encoding revealed by high-level aftereffects. *Nature Neuroscience*, 4, 89-94.
- Lester, B. D., & Dasonville, P. (2011). Attentional control settings modulate susceptibility to the induced Roelofs effect. *Attention, Perception, & Psychophysics*, 73, 1398-1406.
- Lykins, A. D., Meana, M., & Kambe, G. (2006). Detection of differential viewing patterns to erotic and non-erotic stimuli using eye-tracking methodology. *Archives of Sexual Behavior*, 35, 569-575.
- Lykins, A. D., Meana, M., & Strauss, G. P. (2008). Sex differences in visual attention to erotic and non-erotic stimuli. *Archives of Sexual Behavior*. 37, 219-238.
- Maij, F., Brenner, E., Li, H.-C. O., Cornelissen, F. W., & Smeets, J. B. J. (2010). The use of the saccade target as a visual reference when localizing flashes during saccades. *Journal of Vision*, 10(4):7, 1-9, <http://journalofvision.org/10/4/7/>, doi:10.1167/10.4.7.
- Maij, F., Brenner, E., & Smeets, J. B. J. (2009). Temporal information can influence spatial localization. *Journal of Neurophysiology*, 102, 490-495.
- Maij, F., Brenner, E., & Smeets, J. B. J. (2011). Peri-saccadic mislocalization is not influenced by the predictability of the saccade target location. *Vision Research*, 51, 154-159.
- Maij, F., Brenner, E., & Smeets, J. B. J. (2011). Temporal uncertainty separates flashes from their background during saccades. *Journal of Neuroscience*, 31, 3708-3711.
- Malcolm, G. L. & Henderson, J. M. (2009). The effects of target template specificity on visual search in real-world scenes: Evidence from eye movements. *Journal of Vision*, 9(11):8, 1-13, <http://journalofvision.org/9/11/8/>, doi:10.1167/9.11.8.
- Malcolm, G. L. & Henderson, J. M. (2010). Combining top-down processes to guide eye movements during real-world scene search. *Journal of Vision*, 10(2):4, 1-11, <http://journalofvision.org/10/2/4/>, doi:10.1167/10.2.4.
- Malcolm, G. L., Lanyon, L. J., Fugard, A. J. B., & Barton, J. J. S. (2008). Scan patterns during the processing of facial expression versus identity: An exploration of task-driven and stimulus-driven effects. *Journal of Vision*, 8(8):2, 1-9, <http://journalofvision.org/8/8/2/>, doi:10.1167/8.8.2.
- Mäntylä, T., & Holm, L. (2006). Gaze control and recollective experience in face recognition. *Visual Cognition*, 14, 365-386.
- Matsukura, M., Brockmole, J. R., & Henderson, J. M. (2009). Overt attentional prioritization of new objects and feature changes during real-world scene viewing. *Visual Cognition*, 17, 835-855.
- McCarley, J. S., & Grant, C. (2008). State-trace analysis of the effects of a visual illusion on saccade amplitudes and perceptual judgments. *Psychonomic Bulletin & Review*, 15, 1008-1014.
- McCarley, J. S., Kramer, A. F., & Digirolamo, G. J. (2003). Differential effects of the Müller-Lyer illusion on reflexive and voluntary saccades. *Journal of Vision*. 3, 751-760. <http://journalofvision.org/3/11/9/>
- McMullen, P. A., MacSween, L. E., & Collin, C. A. (2009). Behavioral effects of visual field location on processing motion- and luminance-defined form. *Journal of Vision*, 9(6):24, 1-11, <http://journalofvision.org/9/6/24/>, doi:10.1167/9.6.24.

- Mital, P., Smith, T., Hill, R., & Henderson, J. (2011). Clustering of gaze during dynamic scene viewing is predicted by motion. *Cognitive Computation*, 3, 5-24.
- Naber, M., Frässle, S., & Einhäuser, W. (2011). Perceptual rivalry: Reflexes reveal the gradual nature of visual awareness. *PLoS ONE* 6(6): e20910. doi:10.1371/journal.pone.0020910.
- Nishida, S., Shibata, T., & Ikeda, K. (2009). Prediction of human eye movements in facial discrimination tasks. *Artificial Life and Robotics*, 14, 348-351.
- Noritake, A., Kazai, K., Terao, M., & Yagi, A. (2005). A continuously lit stimulus is perceived to be shorter than a flickering stimulus during a saccade. *Spatial Vision*, 18, 297-316.
- Noritake, A., Uttl, B., Terao, M., Nagai, M., Watanabe., J., & Yagi, A. (2009) Saccadic compression of rectangle and kanizsa figures: Now you see it, now you don't. *PLoS ONE* 4(7): e6383. doi:10.1371/journal.pone.0006383.
- Nummenmaa, L., Hyönä, J., & Hietanen, J. (2009). I'll walk this way: Eyes reveal the direction of locomotion and make passers-by to look and go the other way. *Psychological Science*, 20, 1454-1458.
- Nummenmaa, L., Hyönä, J., & Calvo, M. G (2010). Semantic categorization precedes affective evaluation of visual scenes. *Journal of Experimental Psychology: General*, 139, 222-246.
- Nuthmann, A., & Henderson, J. M. (2010). Object-based attentional selection in scene viewing. *Journal of Vision*, 10(8):20, 1-19, <http://www.journalofvision.org/content/10/8/20>, doi:10.1167/10.8.20.
- Nuthmann, A., Smith, T. J., Engbert, R., & Henderson, J. M. (2010). CRISP: A computational model of fixation durations in scene viewing. *Psychological Review*, 117, 382-405.
- Oleksiak, A., Manko, M., Postma, A., van der Ham, I. J. M., van den Berg, A. V., & van Wezel, R. J. A. (2010). Distance estimation is influenced by encoding conditions. *PLoS ONE* 5(3): e9918. doi:10.1371/journal.pone.0009918
- Orban de Xivry, J.-J., Coppe, S., Lefèvre, P., & Missal, M. (2010). Biological motion drives perception and action. *Journal of Vision*, 10(2):6, 1-11, <http://journalofvision.org/10/2/6/>, doi:10.1167/10.2.6.
- Pannasch, S., Schulz, J., & Velichkovsky, B. M. (2011). On the control of visual fixation durations in free viewing of complex images. *Attention, Perception, & Psychophysics*, 73, 1120-1132.
- Pannasch, S., & Velichkovsky, B. M. (2009). Distractor effect and saccade amplitudes: Further evidence on different modes of processing in free exploration of visual images. *Visual Cognition*, 17, 1109-1131.
- Park, J., Schlag-Rey, M., & Schlag, J. (2003). Spatial localization precedes temporal determination in visual perception. *Vision Research*, 43, 1667-1674.
- Pertzov, Y., Avidan, G., & Zohary, E. (2009). Accumulation of visual information across multiple fixations. *Journal of Vision*, 9(10):2, 1-12, <http://journalofvision.org/9/10/2/>, doi:10.1167/9.10.2.
- Pertzov, Y., Zohary, E., & Avidan, G. (2009). Implicitly perceived objects attract gaze during later free viewing. *Journal of Vision*, 9(6):6, 1-12, <http://journalofvision.org/9/6/6/>, doi:10.1167/9.6.6.
- Plomp, G., Nakatani, C., Bonnardel, V., & van Leeuwen, C. (2004). Amodal completion as reflected by gaze durations. *Perception*, 33, 1185 - 1200.
- Rasche, C., & Gegenfurtner, K. R. (2010). Visual orienting in dynamic broadband (1/f) noise sequences. *Attention, Perception, & Psychophysics*, 72, 100-113.

- Rayner, K., Castelhana, M. S., & Yang, J. (2008). Eye movements when looking at unusual/weird scenes: Are there cultural differences? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 35, 254-259.
- Ricciardelli, P., Betta, E., Pruner, S., & Turatto, M. (2009). Is there a direct link between gaze perception and joint attention behaviours? Effects of gaze contrast polarity on oculomotor behaviour. *Experimental Brain Research*, 194, 347-357.
- Rodger, H., Kelly, D. J., Blais, C., & Caldara, R. (2010). Inverting faces does not abolish cultural diversity in eye movements. *Perception*, 39, 1491-1503.
- Rotman, G., Brenner, E., & Smeets, J. B. (2005). Flashes are localized as if they were moving with the eyes. *Vision Research*, 45, 355-364.
- Sakaguchi, Y. (2003). Visual field anisotropy revealed by perceptual filling-in. *Vision Research*, 43, 2029-2038.
- Sheth, B. R., & Shimojo, S. (2004). Sound-aided recovery from and persistence against visual filling-in. *Vision Research*, 44, 1907-1917.
- Sigman, M., Sackur, J., Del Cul, A., & Dehaene, S. (2008). Illusory displacement due to object substitution near the consciousness threshold. *Journal of Vision*, 8(1):13, 1-10, <http://journalofvision.org/8/1/13/>, doi:10.1167/8.1.13.
- Smilek, D., Birmingham, E., Cameron, D., Bischof, W., & Kingstone, A. (2006). Cognitive ethology and exploring attention in real-world scenes. *Brain Research*, 1080, 101-119.
- Smith, T. J., & Henderson, J. M. (2009). Facilitation of return during scene viewing. *Visual Cognition*, 17, 1083-1108.
- Soechting, J. F., Engel, K. C., & Flanders, M. (2001). The Duncker illusion and eye-hand coordination. *Journal of Neurophysiology*, 85, 843-854.
- Takahashi, K., & Watanabe, K. (2008). Persisting effect of prior experience of change blindness. *Perception*, 37, 324-327.
- Taubert, J., Marsh, P. J., & Shaw, T. (2010). When you turn the other cheek: A preference for novel viewpoints of familiar faces. *Perception*, 39, 429-432.
- Tavassoli, A., & Ringach, D. L. (2010). When your eyes see more than you do. *Current Biology*, 20, R93-R94.
- Tatler, B. W. (2007). The central fixation bias in scene viewing: Selecting an optimal viewing position independently of motor biases and image feature distributions. *Journal of Vision*, 7(14):4, 1-17, <http://journalofvision.org/7/14/4/>, doi:10.1167/7.14.4.
- Tatler, B. W., Baddeley, R. J., & Gilchrist, I. D. (2005). Visual correlates of fixation selection: Effects of scale and time. *Vision Research*, 45, 643-659.
- Tatler, B. W., Gilchrist, I. D., & Land, M. F. (2005). Visual memory for objects in natural scenes: From fixations to object files. *The Quarterly Journal of Experimental Psychology*, 58A, 931-960
- Tatler, B. W., & Vincent, B. T. (2009). The prominence of behavioural biases in eye guidance. *Visual Cognition*, 17, 1029-1054.
- Tatler, B. W., Wade, N. J., & Kaulard, K. (2007). Examining art: dissociating pattern and perceptual influences on oculomotor behaviour. *Spatial Vision*, 21, 165-184.
- Tatler, B. W., Wade, N. J., Kwan, H., Findlay, J. M., & Velichkovsky, B. M. (2010). Yarbus, eye movements, and vision. *i-Perception*, 1, 7-27.
- Tronconso, X. G., Macknik, S. L., & Martinez-Conde, S. (2005). Novel visual illusions related to Vasarely's 'nested squares' show that corner salience varies with corner angle. *Perception*, 34, 409-420.
- Tronconso, X. G., Macknik, S. L., & Martinez-Conde, S. (2009). Corner salience varies linearly with corner angle during flicker-augmented contrast: a general

principle of corner perception based on Vasarely's artworks. *Spatial Vision*, 22, 211-224.

- Tseng, P.-H., Carmi, R., Cameron, I. G. M., Munoz, D. P., & Itti, L. (2009). Quantifying center bias of observers in free viewing of dynamic natural scenes. *Journal of Vision*, 9(7):4, 1-16, <http://journalofvision.org/9/7/4/>, doi:10.1167/9.7.4.
- Underwood, G., Crundall, D., & Hodson, K. (2005). Confirming statements about pictures of natural scenes: Evidence of the processing of gist from eye movements. *Perception*, 34, 1069-1082.
- Underwood, G., & Foulsham, T. (2006). Visual saliency and semantic incongruity influence eye movements when inspecting pictures. *The Quarterly Journal of Experimental Psychology*, 59A, 1931 - 1949.
- Underwood, G., Foulsham, T., & Humphrey, K. (2009). Saliency and scan patterns in the inspection of real-world scenes: Eye movements during encoding and recognition. *Visual Cognition*, 17, 812-834.
- Underwood, G., Foulsham, T., van Loon, E., Humphreys, L., & Bloyce, J. (2006). Eye movements during scene inspection: A test of the saliency map hypothesis. *European Journal of Cognitive Psychology*, 18, 321 - 342.
- Underwood, G., Foulsham, T., van Loon, E., & Underwood, J. (2005). Visual attention, visual saliency, and eye movements during the inspection of natural scenes. *Lecture Notes in Computer Science*, 3562, 459-468.
- Underwood, G., Jebbett, L., & Roberts, K. (2004). Inspecting pictures for information to verify a sentence; Eye movements in general encoding and in focused search. *The Quarterly Journal of Experimental Psychology*, 57A, 165-182.
- Underwood, G., Templeman, E., Lamming, L., & Foulsham, T. (2008). Is attention necessary for object identification? Evidence from eye movements during the inspection of real-world scenes. *Consciousness and Cognition*, 17, 159-170.
- Unema, P. J. A., Pannasch, S., Joos, M., & Velichkovsky, B. M. (2005). Time course of information processing during scene perception: The relationship between saccade amplitude and fixation duration. *Visual Cognition*, 12, 473 - 494.
- van Dam, L. C. J., & van Ee, R. (2006). The role of saccades in exerting voluntary control in perceptual and binocular rivalry. *Vision Research*, 46, 787-799.
- van Dam, L. C. J., & van Ee, R. (2006). Retinal image shifts, but not eye movements per se, cause alternations in awareness during binocular rivalry. *Journal of vision*, 6, 1172-1179.
- Van Loon, E. M., Khashawi, F., & Underwood, G. (2010). Visual strategies used for time-to-arrival judgments in driving. *Perception*, 39, 1216-1229.
- Van Zoest, W., & Hunt, A. R. (2011). Saccadic eye movements and perceptual judgments reveal a shared visual representation that is increasingly accurate over time. *Vision Research*, 51, 111-119.
- Velichkovsky, B. M., Rothert, A., Kopf, M., Dornhöfer, S. M., & Joos, M. (2002). Towards an express-diagnostics for level of processing and hazard perception. *Transportation Research Part F: Traffic Psychology and Behaviour*, 5, 145-156.
- Vig, E., Dorr, M., & Barth, E. (2009). Efficient visual coding and the predictability of eye movements on natural movies. *Spatial Vision*, 22, 397-408.
- Vig, E., Dorr, M., Martinetz, T., & Barth, E. (2011). Eye movements show optimal average anticipation with natural dynamic scenes. *Cognitive Computation*, 3, 79-88.
- Vincent, B. T., Correani, A., Baddeley, R. J., Troscianko, T., & Leonards, U. (2009). Do we look at lights? Using mixture modelling to distinguish between low- and high-level factors in natural image viewing. *Visual Cognition*, 17, 856-879.

- Võ, M. L.-H., & Henderson, J. M. (2009). Does gravity matter? Effects of semantic and syntactic inconsistencies on the allocation of attention during scene perception. *Journal of Vision*, 9(3):24, 1-15, <http://journalofvision.org/9/3/24/>, doi:10.1167/9.3.24.
- Võ, M. L.-H., & Schneider, W. X. (2010). A glimpse is not a glimpse: Differential processing of flashed scene previews leads to differential target search benefits. *Visual Cognition*, 18, 171-200.
- Võ, M. L.-H., Zwickel, J., & Schneider, W. X. (2010). Has someone moved my plate? The immediate and persistent effects of object location changes on gaze allocation during natural scene viewing. *Attention, Perception, & Psychophysics*, 72, 1251-1255.
- von Wartburg, R., Ouerhani, N., Pflugshaupt, T., Nyffeler, T., Wurtz, P., Hugli, H., & Muri, R. M. (2005). The influence of colour on oculomotor behaviour during image perception. *Neuroreport*, 16, 1557-1560.
- von Wartburg, R., Wurtz, P., Pflugshaupt, T., Nyffeler, T., Lüthi, M., & Muri, R. M. (2007) Size matters: Saccades during scene perception. *Perception*, 36, 355-365.
- Wallis, G. (2005). A spatial explanation for synchrony biases in perceptual grouping: Consequences for the temporal-binding hypothesis. *Perception & Psychophysics*, 67, 345-353.
- Watson, T., & Krekelberg, B. (2011). An equivalent noise investigation of saccadic suppression. *Journal of Neuroscience*, 31, 6535-6541.
- Watson, T. L., & Krekelberg, B. (2009). The relationship between saccadic suppression and perceptual stability. *Current Biology*, 12, 1040-1043.
- Weaver, M. D., & Lauwereyns, J. (2011). Attentional capture and hold: the oculomotor correlates of the change detection advantage for faces. *Psychological Research*, 75, 10-23.
- Wichmann, F. A., Drewes, J., Rosas, P., & Gegenfurtner, K. R. (2010). Animal detection in natural scenes: Critical features revisited. *Journal of Vision*, 10(4):6, 1-27, <http://journalofvision.org/10/4/6/>, doi:10.1167/10.4.6.
- Wilson, A., Wilson, A., ten Hove, M. W., Pareacuta, M., & Munhall, K. G. (2008). Loss of central vision and audiovisual speech perception. *Visual Impairment Research*, 10, 23-34.
- Wissmath, B., Stricker, D., Weibel, D., Siegenthaler, E., & Mast, F.W. (2010). The illusion of being located in dynamic virtual environments. Can eye movement parameters predict spatial presence ? *Journal of Eye Movement Research*, 3(5):2, 1-8.
- Yanulevskaya, V., Marsman, J., Cornelissen, F., & Geusebroek, J.-M. (2011). An image statistics-based model for fixation prediction. *Cognitive Computation*, 3, 94-104.
- Zanker, J. M., Doyle, M., & Walker, R. (2003). Gaze stability of observers watching Op Art pictures. *Perception*, 32, 1037-1049.
- Zhang, T., Xiao, L.-Q., Klein, S. A., Levi, D. M., & Yu, C. (2010). Decoupling location specificity from perceptual learning of orientation discrimination. *Vision Research*, 50, 368-374.
- Zhang, Z.-L., Cantor, C. R. L., & Schor, C. M. (2008). Effects of luminance and saccadic suppression on perisaccadic spatial distortions. *Journal of Vision*, 8(14):22, 1-18, <http://journalofvision.org/8/14/22/>, doi:10.1167/8.14.22.
- Zhang, Z.-L., Cantor, C. R. L., & Schor, C. M. (2010). Perisaccadic stereo depth with zero retinal disparity. *Current Biology*, 20, 1176-1181.
- Zwickel, J. & Võ, M. L.-H. (2010). How the presence of persons biases eye

movements. *Psychonomic Bulletin & Review*, 17, 257-262.

- Badler, J., Lefèvre, P., & Missal, M. (2010). Causality attribution biases oculomotor responses. *Journal of Neuroscience*, 30, 10517-10525.
- Barrington, L., Marks, T. K., Hui-wen Hsiao, J., & Cottrell, G. W. (2008). NIMBLE: A kernel density model of saccade-based visual memory. *Journal of Vision*, 8(14):17, 1-14, <http://journalofvision.org/8/14/17/>, doi:10.1167/8.14.17.
- Bate, S., Haslam, C., Hodgson, T. L., Jansari, A., Gregory, N., & Kay, J. (2010). Positive and negative emotion enhances the processing of famous faces in a semantic judgment task. *Neuropsychology*, 24, 84-89.
- Bays, P. M., Catalao, R. F. G., & Husain, M. (2009). The precision of visual working memory is set by allocation of a shared resource. *Journal of Vision*, 9(10):7, 1-11, <http://journalofvision.org/9/10/7/>, doi:10.1167/9.10.7.
- Bays, P. M., Wu, E. Y., & Husain, M. (2011). Storage and binding of object features in visual working memory. *Neuropsychologia*, 49, 1622-1631.
- Belke, E., & Meyer, A. S. (2002). Tracking the time course of multidimensional stimulus discrimination: Analyses of viewing patterns and processing times during 'same'-'different' decisions. *European Journal of Cognitive Psychology*, 14, 237-266.
- Belopolsky, A. V., & Theeuwes, J. (2009). No functional role of attention-based rehearsal in maintenance of spatial working memory representations. *Acta Psychologica*, 132, 124-135.
- Blaukopf, C. L., & DiGirolamo, G. J. (2006). Differential effects of reward and punishment on conscious and unconscious eye movements. *Experimental Brain Research*, 174, 786-792.
- Bledowski, C., Rahm, B., & Rowe, J. B. (2009). What "works" in working memory? Separate systems for selection and updating of critical information. *Journal of Neuroscience*, 29, 13735-13741.
- Bock, K., & Irwin, D. E., Davidson, D. J., & Levelt, W. J. M. (2003). Minding the clock. *Journal of Memory and Language*, 48, 653-685.
- Bond, G. D. (2008). Deception detection expertise. *Law and Human Behavior*, 32, 339-351.
- Boehler, C. N., Hopf, J.-M., Krebs, R. M., Stoppel, C. M., Schoenfeld, M. A., Heinze, H.-J., & Noesselt, T. (2011). Task-load-dependent activation of dopaminergic midbrain areas in the absence of reward. *Journal of Neuroscience*, 31, 4955-4961.
- Bolger, P. & Zapata, G. (2011). Semantic categories and context in L2 vocabulary learning. *Language Learning*, 61, 614-646.
- Charness, N., Reingold, E. M., Pomplun, M., & Stampe, D. M. (2001). The perceptual aspect of skilled performance in chess: Evidence from eye movements. *Memory & Cognition*, 29, 1146-1152.
- Coulson, S., Urbach, T. P., & Kutas, M. (2006). Looking back: Joke comprehension and the space structuring model. *Humor - International Journal of Humor Research*, 19, 229-250.
- Coventry, K. R., Lynott, D., Cangelosi, A., Monrouxe, L., Joyce, D., & Richardson, D. C. (2010). Spatial language, visual attention, and perceptual simulation. *Brain and Language*, 112, 202-213.
- Crawford, M. T., Skowronski, J. J., Stiff, C., & Leonards, U. (2008). Seeing, but not thinking: Limiting the spread of spontaneous trait transference II. *Journal of Experimental Social Psychology*, 44, 840-847.
- Day, R.-F., Lin, C.-H., Huang, W.-H., & Chuang, S.-H. (2009). Effects of music tempo and task difficulty on multi-attribute decision-making: An eye-tracking

approach. *Computers in Human Behavior*, 25, 130-143.

- Droll, J. A., Abbey, C. K., & Eckstein, M. P. (2009). Learning cue validity through performance feedback. *Journal of Vision*, 9(2):18, 1-22, <http://journalofvision.org/9/2/18/>, doi:10.1167/9.2.18.
- Einhäuser, W., Koch, C., & Carter, O. (2010). Pupil dilation betrays the timing of decisions. *Frontiers in Human Neuroscience*, 4:18. doi:10.3389/fnhum.2010.00018
- Ellis, N. C., & Sagarra, N. (2010). Learned attention effects in L2 temporal reference: The first hour and the next eight semesters. *Language Learning*, 60, 85-108.
- Fleming, K. K., Bandy, C. L., & Kimble, M. O. (2010). Decisions to shoot in a weapon identification task: The influence of cultural stereotypes and perceived threat on false positive errors. *Social Neuroscience*, 5, 201-220.
- Gao, X., Wang, Q., Jackson, T., Zhao, G., Liang, Y., & Chen, H. (2011). Biases in orienting and maintenance of attention among weight dissatisfied women: An eye movement study. *Behaviour Research and Therapy*, 49, 252-259.
- Glaholt, M. G., Wu, M.-C., & Reingold, E. M. (2009). Predicting preference from fixations. *PsychNology Journal*, 7, 141-158.
- Glaholt, M. G., Wu, M.-C., & Reingold, E. M. (2010). Evidence for top-down control of eye movements during visual decision making. *Journal of Vision*, 10(5):15, 1-10, <http://journalofvision.org/content/10/5/15>, doi:10.1167/10.5.15.
- Gordon, P. C., & Moser, S. (2007). Insight into analogies: Evidence from eye movements. *Visual Cognition*, 15, 20 - 35.
- Gorgoraptis, N., Catalao, R. F. G., Bays, P. M., & Husain, M. (2011). Dynamic updating of working memory resources for visual objects. *The Journal of Neuroscience*, 31, 8502-8511.
- Groen, M., & Noyes, J. (2010). Solving problems: How can guidance concerning task-relevancy be provided? *Computers in Human Behavior*, 26, 1318-1326.
- Hall, J. K., Hutton, S. B., & Morgan, M. J. (2010). Sex differences in scanning faces: Does attention to the eyes explain female superiority in facial expression recognition? *Cognition & Emotion*, 24, 629-637.
- Hamid, S. N., Stankiewicz, B., & Hayhoe, M. (2010). Gaze patterns in navigation: Encoding information in large-scale environments. *Journal of Vision*, 10(12):28, 1-11, <http://www.journalofvision.org/content/10/12/28>, doi:10.1167/10.12.28.
- Hamilton, D. A., Johnson, T. E., Redhead, E. S., & Verney, S. P. (2009). Control of rodent and human spatial navigation by room and apparatus cues. *Behavioural Processes*, 81, 154-169.
- Heaver, B., & Hutton, S. B. (2011). Keeping an eye on the truth? Pupil size changes associated with recognition memory. *Memory*, 19, 398-405.
- Herwig, A., & Horstmann, G. (2011). Action-effect associations revealed by eye movements. *Psychonomic Bulletin & Review*, 18, 531-537.
- Hodgson, T. L., Bajwa, A., Owen, A. M., & Kennard, C. (2000). The strategic control of gaze direction in the Tower of London Task. *Journal of Cognitive Neuroscience*, 12, 894-907.
- Hoffman, A. B., & Rehder, B. (2010). The costs of supervised classification: The effect of learning task on conceptual flexibility. *Journal of Experimental Psychology: General*, 139, 319-340.
- Hogarth, L., Dickinson, A., & Duka, T. (2010). The associative basis of cue-elicited drug taking in humans. *Psychopharmacology*, 208, 337-351.
- Howard, I. R., Kumaran, D., Ólafsdóttir, H. F., & Spiers, H. J. (2011). Double

dissociation between hippocampal and parahippocampal responses to object-background context and scene novelty. *Journal of Neuroscience*, 31, 5253-5261.

- Hurwitz, M., Valadao, D., & Danckert, J. (2011). Static versus dynamic judgments of spatial extent. *Experimental Brain Research*, 209, 271-286.
- Irwin, D. E., & Thomas, L. E. (2007). The effect of saccades on number processing. *Perception & Psychophysics*, 69, 450-458.
- Jack, R. E., Blais, C., Scheepers, C., Schyns, P. G., & Caldara, R. (2009). Cultural confusions show that facial expressions are not universal. *Current Biology*, 19, 1543-1548.
- Jacob, M., & Hochstein, S. (2010). Graded recognition as a function of the number of target fixations. *Vision Research*, 50, 107-117.
- Kang, M. J., Hsu, M., Krajbich, I. M., Loewenstein, G., McClure, S. M., Wang, J. T.-Y., & Camerer, C. F. (2009). The wick in the candle of learning: Epistemic curiosity activates reward circuitry and enhances memory. *Psychological Science*, 20, 963-973.
- Kibbe, M. M., & Kowler, E. (2011). Visual search for category sets: Tradeoffs between exploration and memory. *Journal of Vision*, 11(3):14, 1-21, <http://www.journalofvision.org/content/11/3/14>, doi:10.1167/11.3.14.
- Körner, C., & Gilchrist, I. D. (2004). Eye movements in a simple spatial reasoning task. *Perception*, 33, 485-494.
- Kouider, S., Berthet, V., & Faivre, N. (2011). Preference is biased by crowded facial expressions. *Psychological Science*, 22, 184-189.
- Kriz, S., & Hegarty, M. (2007). Top-down and bottom-up influences on learning from animations. *International Journal of Human-Computer Studies*, 65, 911-930.
- Kuo, F.-Y., Hsu, C.-W., & Day, R.-F. (2009). An exploratory study of cognitive effort involved in decision under framing—an application of the eye-tracking technology. *Decision Support Systems*, 48, 81-91.
- Kuperman, V., Bertram, R., & Baayen, R. H. (2010). Processing trade-offs in the reading of Dutch derived words. *Journal of Memory and Language*, 62, 83-97.
- Lange, W.-G., Heuer, K., Langner, O., Keijsers, G. P. J., Becker, E. S., & Rinck, M. (2011). Face value: Eye movements and the evaluation of facial crowds in social anxiety. *Journal of Behavior Therapy and Experimental Psychiatry*, 42, 355-363.
- Li, X., Logan, G. D., & Zbrodoff, N. J. (2010). Where do we look when we count? The role of eye movements in enumeration. *Attention, Perception, & Psychophysics*, 72, 409-426.
- Lin, I.-F., & Gorea, A. (2011). Location and identity memory of saccade targets. *Vision Research*, 51, 323-332.
- Loeber, S., & Duka, T. (2009). Extinction learning of stimulus reward contingencies: The acute effects of alcohol. *Drug and Alcohol Dependence*, 102, 56-62.
- Ludwig, C. J. H., & Davies, J. R. (2011). Estimating the growth of internal evidence guiding perceptual decisions. *Cognitive Psychology*, 63, 61-92.
- Mäntylä, T., & Holm, L. (2005). Remembering parts and wholes: Configural processing in face recollection. *European Journal of Cognitive Psychology*, 17, 753-769.
- Marshall, S. P. (2007) Identifying cognitive state from eye metrics. *Aviation, Space, and Environmental Medicine*, 78, B165-175.
- Maryott, J., Noyce, A., & Sekuler, R. (2011). Eye movements and imitation learning: Intentional disruption of expectation. *Journal of Vision*, 11(1):7, 1-16, <http://www.journalofvision.org/content/11/1/7>, doi:10.1167/11.1.7.

- McSorley, E., & McCloy, R. (2009). Saccadic eye movements as an index of perceptual decision-making. *Experimental Brain Research*, 198, 513-520.
- Meadmore, K. L., Dror, I. E., Bucks, R. S., & Liversedge, S. P. (2011). Eye movements during visuospatial judgements. *European Journal of Cognitive Psychology*, 23, 92-101.
- Mielliet, S., Zhou, X., He, L., Rodger, H., & Caldara, R. (2010). Investigating cultural diversity for extrafoveal information use in visual scenes. *Journal of Vision*, 10(6):21, 1-18, <http://www.journalofvision.org/content/10/6/21>, doi:10.1167/10.6.21.
- Mikulic, A., & Dorris, M. C. (2008). The temporal and spatial allocation of motor preparation during a mixed-strategy game. *Journal of Neurophysiology*, 100, 2101-2108.
- Milosavljevic, M., Madsen, E., Koch, C., & Rangel, A. (2011). Fast saccades toward numbers: Simple number comparisons can be made in as little as 230 ms. *Journal of Vision*, 11(4):4, 1-12, <http://www.journalofvision.org/content/11/4/4>, doi:10.1167/11.4.4.
- Milosavljevic, M., Malmaud, J., Huth, A., Koch, C., & Rangel, A. (2010). The drift diffusion model can account for the accuracy and reaction times of value-based choice under high and low time pressure. *Judgment and Decision Making*, 6, 437-449.
- Moeller, K., Fischer, M. H., Nuerk, H.-C., & Willmes, K. (2009). Sequential or parallel decomposed processing of two-digit numbers? Evidence from eye-tracking. *The Quarterly Journal of Experimental Psychology*, 62, 323-334.
- Moeller, K., Klein, E., & Nuerk, H.-C. (2011). Three processes underlying the carry effect in addition - Evidence from eye tracking. *British Journal of Psychology*, 102, 623-645.
- Moeller, K., Klein, E., & Nuerk, H.-C. (2011). (No) small adults: Children's processing of carry addition problems. *Developmental Neuropsychology*, 36, 702-720.
- Morris, A. P., Liu, C. C., Cropper, S. J., Forte, J. D., Krekelberg, B., & Mattingley, J. B. (2010). Summation of visual motion across eye movements reflects a nonspatial decision mechanism. *Journal of Neuroscience*, 30, 9821-9830.
- Mou, W., Liu, L., & McNamara, T. P. (2009). Layout geometry in encoding and retrieval of spatial memory. *Journal of Experimental Psychology: Human Perception and Performance*, 35, 83-93.
- Nakatani, C., & Pollatsek, A. (2004). An eye movement analysis of "mental rotation" of simple scenes. *Perception and Psychophysics*, 66, 1227-1245.
- Näsänen, R., & Ojanpää, H. (2004). How many faces can be processed during a single eye fixation? *Perception*, 33, 67-77.
- Navalpakkam, V., Koch, C., Rangel, A., & Perona, P. (2010). Optimal reward harvesting in complex perceptual environments. *Proceedings of the National Academy of Sciences*, 107, 5232-5237.
- Neider, M. B., Chen, X., Dickinson, C. A., Brennan, S. E., & Zelinsky, G. J. (2010). Coordinating spatial referencing using shared gaze. *Psychonomic Bulletin and Review*, 17, 718-724.
- Nummenmaa, L., Hietanen, J. K., Calvo, M. G., & Hyönä, J. (2011). Food catches the eye but not for everyone: A BMI-contingent attentional bias in rapid detection of nutrients. *PLoS ONE* 6(5): e19215. doi:10.1371/journal.pone.0019215.
- Patalano, A. L., Juhasz, B. J., & Dicke, J. (2010). The relationship between indecisiveness and eye movement patterns in a decision making informational

search task. *Journal of Behavioral Decision Making*, 23: 353-368.

- Patsenko, E. G., & Altmann, E. M. (2010). How planful is routine behavior? A selective-attention model of performance in the Tower of Hanoi. *Journal of Experimental Psychology: General*, 139, 95-116.
- Rayner, K., Li, X., Williams, C. C., Cave, K. R., & Well, A. D. (2007). Eye movements during information processing tasks: Individual differences and cultural effects. *Vision Research*, 47, 2714-2726.
- Rehder, B., Colner, R. M., & Hoffman, A. B. (2009). Feature inference learning and eye tracking. *Journal of Memory and Language*, 60, 393-419.
- Rehder, B., & Hoffman, A. B. (2005). Thirty-something categorization results explained: Selective attention, eye tracking, and models of category learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 31, 811-829.
- Reingold, E. M. (2002). On the perceptual specificity of memory representations. *Memory*, 10, 365-379.
- Reingold, E. M., Charness, N., Pomplun, M., & Stampe, D. M. (2001). Visual span in expert chess players: Evidence from eye movements. *Psychological Science*, 12, 48-55.
- Riggs, L., McQuiggan, D. A., Anderson, A. K., & Ryan, J. D. (2010). Eye movement monitoring reveals differential influences of emotion on memory. *Frontiers in Psychology*, 1:205. doi: 10.3389/fpsyg.2010.00205.
- Roelofs, A. (2008). Attention, gaze shifting, and dual-task interference from phonological encoding in spoken word planning. *Journal of Experimental Psychology: Human Perception and Performance*, 34, 1580-1598.
- Ryan, J. D., Riggs, L., & McQuiggan, D. A. (2010). Eye movement monitoring of memory. *Journal of Visualized Experiments*, 42, <https://www.jove.com/details.stp?id=2108>, doi: 10.3791/2108.
- Ryan, J. D., & Villate, C. (2009). Building visual representations: The binding of relative spatial relations across time. *Visual Cognition*, 17, 254 - 272.

- Saint-Aubin, J., Tremblay, S., & Jalbert, A. (2007). Eye movements and serial memory for visual-spatial information: Does time spent fixating contribute to recall? *Experimental Psychology*, 54, 264-272.
- Sanchez, C. A., & Wiley, J. (2006). An examination of the seductive details effect in terms of working memory capacity. *Memory & Cognition*, 34, 344-355.
- Schotter, E. R., Berry, R. W., McKenzie, C. R. M., & Rayner, K. (2010). Gaze bias: Selective encoding and liking effects. *Visual Cognition*, 18, 1113-1132.
- Schrammel, F., Pannasch, S., Graupner, S.-T., Mojzisch, A., & Velichkovsky, B. M. (2009). Virtual friend or threat? The effects of facial expression and gaze interaction on psychophysiological responses and emotional experience. *Psychophysiology*, 46, 922-931.
- Schwarz, W., & Keus, I. M. (2004). Moving the eyes along the mental number line: Comparing SNARC effects with saccadic and manual responses. *Perception & Psychophysics*, 66, 651-664.
- Shalom, D. E., Dagnino, B., & Sigman, M. (2011). Looking at Breakout: Urgency and predictability direct eye events. *Vision Research*, 51, 1262-1272.
- Shimojo, S., Simion, C., Shimojo, E., & Scheier, C. (2003). Gaze bias both reflects and influences preference. *Nature Neuroscience*, 6, 1317-1322.
- Simion, C., & Shimojo, S. (2006). Early interactions between orienting, visual sampling and decision making in facial preference. *Vision Research*, 46, 3331-3335.

- Simion, C., & Shimojo, S. (2007). Interrupting the cascade: Orienting contributes to decision making even in the absence of visual stimulation. *Perception & Psychophysics*, 69, 591-595.
- Smeets, E., Jansen, A., & Roefs, A. (2011). Bias for the (un)attractive self: On the role of attention in causing body (dis)satisfaction. *Health Psychology*, 30, 360-367.
- Sprenger, A., Lappe-Osthege, M., Talamo, S., Gais, S., Kimmig, H., & Helmchen, C. (2010). Eye movements during REM sleep and imagination of visual scenes. *NeuroReport*, 21, 45-49.
- Stephen, D. G., & Mirman, D. (2010). Interactions dominate the dynamics of visual cognition. *Cognition*, 115, 154-165.
- Stevens, C., Winskel, H., Howell, C., Vidal, L.-M., Latimer, C., Milne-Home, J. (2010). Perceiving dance: Schematic expectations guide experts' scanning of a contemporary dance film. *Journal of Dance Medicine & Science*, 14, 19-25.
- Stieff, M., Hegarty, M., & Deslongchamps, G. (2011). Identifying representational competence with multi-representational displays. *Cognition and Instruction*, 29, 123-145.
- Stork, S., & Schubö, A. (2010). Human cognition in manual assembly: Theories and applications. *Advanced Engineering Informatics*, 24, 320-328.
- Stoyanova, R. S., Pratt, J., & Anderson, A. K. (2007). Inhibition of return to social signals of fear. *Emotion*, 7, 49-56.
- Sullivan, J. L., Juhasz, B. J., Slattery, T. J., & Barth, H. C. (2011). Adults' number-line estimation strategies: Evidence from eye movements. *Psychonomic Bulletin & Review*, 18, 557-563.
- Thomas, L. E., & Irwin, D. E. (2006). Voluntary eyeblinks disrupt iconic memory. *Perception and Psychophysics*, 68, 475-488.
- Thomas, L. E., & Lleras, A. (2007). Moving eyes and moving thought: On the spatial compatibility between eye movements and cognition. *Psychonomic Bulletin & Review*, 14, 663-668.
- Tremblay, S., Saint-Aubin, J., & Jalbert, A. (2006). Rehearsal in serial memory for visual-spatial information: Evidence from eye movements. *Psychonomic Bulletin & Review*, 13, 452-457.
- Tremblay, S., & Saint-Aubin, J. (2009). Evidence of anticipatory eye movements in the spatial hebb repetition effect: Insights for modeling sequence learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 35, 1256-1265.
- Trick, L., Hogarth, L., & Duka, T. (2011). Prediction and uncertainty in human Pavlovian to instrumental transfer. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 37, 757-765.
- Van Beilen, M., Renken, R., Groenewold, E. S., & Cornelissen, F. W. (2011). Attentional window set by expected relevance of environmental signals. *PLoS ONE* 6(6): e21262. doi:10.1371/journal.pone.0021262.
- Van Belle, G., Ramon, M., Lefèvre, P., & Rossion, B. (2010). Fixation patterns during recognition of personally familiar and unfamiliar faces. *Frontiers in Psychology*, 1:20. doi:10.3389/fpsyg.2010.00020.
- Van der Stigchel, S., Merten, H., Meeter, M., & Theeuwes, J. (2007). The effects of a task-irrelevant visual event on spatial working memory. *Psychonomic Bulletin & Review*, 14, 1066-1071.
- Vigneau, F., Caissie, A. F., & Bors, D. A. (2006). Eye-movement analysis demonstrates strategic influences on intelligence. *Intelligence*, 34, 261-272.
- Wang, J. T.-Y., Spezio, M., & Camerer, C. F. (2010). Pinocchio's pupil: Using

eyetracking and pupil dilation to understand truth telling and deception in sender-receiver games. *The American Economic Review*, 100, 984-1007.

■ West, G. L., Al-Aidroos, N., Susskind, J., & Pratt, J. (2011). Emotion and action: the effect of fear on saccadic performance. *Experimental Brain Research*, 209, 153-158.

■ Woodhead, Z. V. J., Brownsett, S. L. E., Dhanjal, N. S., Beckmann, C., & Wise, R. J. S. (2011). The visual word form system in context. *Journal of Neuroscience*, 31, 193-199.

■ Zhang, H., Morvan, C., & Maloney, L. T. (2010). Gambling in the visual periphery: A conjoint-measurement analysis of human ability to judge visual uncertainty. *PLoS Computational Biology*, 6(12): e1001023. doi:10.1371/journal.pcbi.1001023.

■ Zhang, Y., & Zhang, M. (2011). Spatial working memory load impairs manual but not saccadic inhibition of return. *Vision Research*, 51, 147-153.

■ Zwickel, J., & Müller, H. J. (2009). Eye movements as a means to evaluate and improve robots. *International Journal of Social Robotics*, 1, 357-366.

■ Baker, D. H., & Graf, E. W. (2010). Extrinsic factors in the perception of bistable motion stimuli. *Vision Research*, 50, 1257-1265.

■ Baumann, O., & Mattingley, J. B. (2010). Scaling of neural responses to visual and auditory motion in the human cerebellum. *Journal of Neuroscience*, 30, 4489-4495.

■ Boström, K. J., & Warzecha, A.-K. (2009). Ocular following response to sampled motion. *Vision Research*, 49, 1693-1701.

■ Boström, K. J., & Warzecha, A.-K. (2010). Open-loop speed discrimination performance of ocular following response and perception. *Vision Research*, 50, 870-882.

■ Calow, D., & Lappe, M. (2007). Local statistics of retinal optic flow for self-motion through natural sceneries. *Network: Computation in Neural Systems*, 18, 343 - 374.

■ Caplovitz, G. P., Hsieh, P. -J., & Tse, P. U. (2006). Mechanisms underlying the perceived angular velocity of a rigidly rotating object. *Vision Research*, 46, 2877-2893.

■ Caplovitz, G. P., Paymer, N. A., & Tse, P. U. (2008). The Drifting Edge Illusion: A stationary edge abutting an oriented drifting grating appears to move because of the 'other aperture problem. *Vision Research*, 48, 2403-2414.

■ Caplovitz, G. P., & Tse, P. U. (2007). Rotating dotted ellipses: Motion perception driven by grouped figural rather than local dot motion signals. *Vision Research*, 47, 979-991.

■ Caplovitz, G. P., & Tse, P. U. (2007). V3A processes contour curvature as a trackable feature for the perception of rotational motion. *Cerebral Cortex*, 17, 1179-1189.

■ Cowper-Smith, C. D., Lau, E. Y. Y., Helmick, C. A., Eskes, G. A., & Westwood, D. A. (2010). Neural coding of movement direction in the healthy human brain. *PLoS ONE* 5(10): e13330. doi:10.1371/journal.pone.0013330.

■ Dahlstrom-Hakki, I., & Pollatsek, A. (2006). Limits on integrating motion information across saccades. *Perception & Psychophysics*, 68, 44-54.

■ Debono, K., Schütz, A. C., Spering, M., & Gegenfurtner, K. R. (2010). Receptive fields for smooth pursuit eye movements and motion perception. *Vision Research*, 50, 2729-2739.

■ Duijnhouwer, J., Krekelberg, B., van den Berg, A., & van Wezel, R. (2010). Temporal integration of focus position signal during compensation for pursuit in optic flow. *Journal of Vision*, 10(14):14, 1-15, <http://www.journalofvision.org/content/10/14/14>, doi:10.1167/10.14.14.

- Duijnhouwer, J., van Wezel, R. J. A., & van den Berg, A. V. (2008). The role of motion capture in an illusory transformation of optic flow fields. *Journal of Vision*, 8(4):27, 1-18, <http://journalofvision.org/8/4/27/>, doi:10.1167/8.4.27.
- Ezzati, A., Golzar, A., & Afraz, A. S. R. (2008). Topography of the motion aftereffect with and without eye movements. *Journal of Vision*, 8(14):23, 1-16, <http://journalofvision.org/8/14/23/>, doi:10.1167/8.14.23.
- Harris, L. R., & Smith, A. T. (2000). Interactions between first- and second-order motion revealed by optokinetic nystagmus. *Experimental Brain Research*, 130, 67-72.
- Hirai, M., Saunders, D. R., & Troje, N. F. (2011). Allocation of attention to biological motion: Local motion dominates global shape. *Journal of Vision*, 11(3):4, 1-11, <http://www.journalofvision.org/content/11/3/4>, doi:10.1167/11.3.4.
- Hisakata, R., & Murakami, I. (2008). The effects of eccentricity and retinal illuminance on the illusory motion seen in a stationary luminance gradient. *Vision Research*, 48, 1940-1948.
- Hsieh, P. -J., Caplovitz, G. P., & Tse, P. U. (2006). Illusory motion induced by the offset of stationary luminance-defined gradients. *Vision Research*, 46, 970-978.
- Hsieh, P. -J., Caplovitz, G. P., & Tse, P. U. (2005). Illusory rebound motion and the motion continuity heuristic. *Vision Research*, 45, 2972-2985.
- Hsieh, P. -J., & Tse, P. U. (2006). Illusory color mixing upon perceptual fading and filling-in does not result in 'forbidden colors'. *Vision Research*, 46, 2251-2258.
- Hsieh, P. -J., & Tse, P. U. (2006). Stimulus factors affecting illusory rebound motion. *Vision Research*, 46, 1924-1933.
- Hsieh, P. -J., & Tse, P. U. (2007). Grouping inhibits motion fading by giving rise to virtual trackable features. *Journal of Experimental Psychology: Human Perception & Performance*, 33, 57-63.
- Hsieh, P. -J., & Tse, P. U. (2009). Motion fading and the motion aftereffect share a common process of neural adaptation. *Attention, Perception, & Psychophysics*, 71, 724-733.
- Ikeda, H., Blake, R., & Watanabe, K. (2005). Eccentric perception of biological motion is unscalably poor. *Vision Research*, 45, 1935-1943.
- Kanai, R., Sheth, B. R., & Shimojo, S. (2007). Dynamical evolution of motion perception. *Vision Research*, 47, 937-945.
- Kerzel, D. (2003). Mental extrapolation of target position is strongest with weak motion signals and motor responses. *Vision Research*, 43, 2623-2635.
- Kerzel, D., & Gegenfurtner, K. R. (2003). Neuronal processing delays are compensated in the sensorimotor branch of the visual system. *Current Biology*, 13, 1975-1978.
- Kerzel, D., & Gegenfurtner, K. R. (2005). Motion-induced illusory displacement reexamined: differences between perception and action? *Experimental Brain Research*, 162, 191-201.
- Knapen, T., Rolfs, M., & Cavanagh, P. (2009). The reference frame of the motion aftereffect is retinotopic. *Journal of Vision*, 9(5):16, 1-6, <http://journalofvision.org/9/5/16/>, doi:10.1167/9.5.16.
- Kohler, P. J., Caplovitz, G. P., Hsieh, P. -J., Sun, J., & Tse, P. U. (2010). Motion fading is driven by perceived, not actual angular velocity. *Vision Research*, 50, 1086-1094.
- Kohler, P. J., Caplovitz, G. P., & Tse, P. U. (2009). The whole moves less than the spin of its parts. *Attention, Perception, & Psychophysics*, 71, 675-679.

- Laubrock, J., Engbert, R., & Kliegl, R. (2008). Fixational eye movements predict the perceived direction of ambiguous apparent motion. *Journal of Vision*, 8(14):13, 1-17, <http://journalofvision.org/8/14/13/>, doi:10.1167/8.14.13.
- Maffei, V., Macaluso, E., Indovina, I., Orban, G. A., & Lacquaniti, F. (2010). Processing of targets in smooth or apparent motion along the vertical in the human brain: an fMRI study. *Journal of Neurophysiology*, 103, 360-370.
- Moutoussis, K., Keliris, G., Kourtzi, Z., & Logothetis, N. (2005). A binocular rivalry study of motion perception in the human brain. *Vision Research*, 45, 2231-2243.
- Mrotek, L. A., & Soechting, J. F. (2007). Predicting curvilinear target motion through an occlusion. *Experimental Brain Research*, 178, 99-114.
- Nieman, D., Sheth, B. R., & Shimojo, S. (2010). Perceiving a discontinuity in motion. *Journal of Vision*, 10(6):9, 1-23, <http://www.journalofvision.org/content/10/6/9>, doi:10.1167/10.6.9.
- Niu, Y.-Q., Xiao, Q., Liu, R.-F., Wu, L.-Q., & Wang, S.-R. (2006). Response characteristics of pretectal neurons to illusory contours and motion. *Journal of Physiology*, 577, 805-813.
- Niwa, M., & Ditterich, J. (2008). Perceptual decisions between multiple directions of visual motion. *Journal of Neuroscience*, 28, 4435-4445.
- Noguchi, Y., Shimojo, S., Kakigi, R., & Hoshiyama, M. (2011). An integration of color and motion information in visual scene analyses. *Psychological Science*, 22, 153-158.
- Saijo, N., Murakami, I., Nishida, S., & Gomi, H. (2005). Large-field visual motion directly induces an involuntary rapid manual following response. *The Journal of Neuroscience*, 25, 4941-4951.
- Saunders, D. R., Williamson, D. K., & Troje, N. F. (2010). Gaze patterns during perception of direction and gender from biological motion. *Journal of Vision*, 10(11):9, 1-10, <http://www.journalofvision.org/content/10/11/9>, doi:10.1167/10.11.9.
- Schlag, J., Cai, R. H., Dorfman, A., Mohempour, A., & Schlag-Rey, M. (2000). Extrapolating movement without retinal motion. *Nature*, 403, 38-39.
- Spering, M., Pomplun, M., & Carrasco, M. (2011). Tracking without perceiving: A dissociation between eye movements and motion perception. *Psychological Science*, 22, 216-225.
- Watanabe, K., & Yokoi, K. (2006). Object-based anisotropies in the flash-lag effect. *Psychological Science*, 17, 728-735.
- Watanabe, K., & Yokoi, K. (2007). Object-based anisotropic mislocalization by retinotopic motion signals. *Vision Research*, 47, 1662-1667.
- Watanabe, K., & Yokoi, K. (2008). Dynamic distortion of visual position representation around moving objects. *Journal of Vision*, 8(3):13, 1-11, <http://journalofvision.org/8/3/13/>, doi:10.1167/8.3.13.
- Tse, P. U., & Hsieh, P.-J. (2006). The infinite regress illusion reveals faulty integration of local and global motion signals. *Vision Research*, 46, 3881-3885.
- Tse, P. U., & Hsieh, P.-J. (2007). Component and intrinsic motion integrate in 'dancing bar' illusion. *Biological Cybernetics*, 96, 1-8.
- ***** Eye-hand coordination/Pointing
- Abekawa, N., & Gomi, H. (2010). Spatial coincidence of intentional actions modulates an implicit visuomotor control. *Journal of Neurophysiology*, 103, 2717-2727.
- Baldauf, D., & Deubel, H. (2008). Visual attention during the preparation of bimanual movements. *Vision Research*, 48, 549-563.

- Baldauf, D., Wolf, M., & Deubel, H. (2006). Deployment of visual attention before sequences of goal-directed hand movements. *Vision Research*, 46, 4355-4374.
- Beurze, S. M., van Pelt, S., & Medendorp, W. P. (2006). Behavioral reference frames for planning human reaching movements. *Journal of Neurophysiology*, 96, 352 - 362.
- Brenner, E., & Smeets, J. B. J. (2007). Flexibility in intercepting moving objects. *Journal of Vision*, 7(5):14, 1-17, <http://journalofvision.org/7/5/14/>, doi:10.1167/7.5.14.
- Brenner, E., & Smeets, J. B. J. (2009). Sources of variability in interceptive movements. *Experimental Brain Research*, 195, 117-133.
- Brenner, E., & Smeets, J. B. J. (2011). Continuous visual control of interception. *Human Movement Science*, 30, 475-494.
- Brouwer, A.-M., Franz, V. H., & Gegenfurtner, K. R. (2009). Differences in fixations between grasping and viewing objects. *Journal of Vision*, 9(1):18, 1-24, <http://journalofvision.org/9/1/18/>, doi:10.1167/9.1.18.
- Brozzoli, C., Pavani, F., Urquizar, C., Cardinali, L., & Farne, A. (2009). Grasping actions remap peripersonal space. *Neuroreport*, 20, 913-917.
- Byrne, P. A., Cappadocia, D. C., & Crawford, D. (2010). Interactions between gaze-centered and allocentric representations of reach target location in the presence of spatial updating. *Vision Research*, 50, 2661-2670.
- Cardoso de Oliveira, S., & Barthélémy, S. (2005). Visual feedback reduces bimanual coupling of movement amplitudes, but not of directions. *Experimental Brain Research*, 162, 78-88.
- Chen, Y., Byrne, P., & Crawford, J. D. (2011). Time course of allocentric decay; egocentric decay; and allocentric-to-egocentric conversion in memory-guided reach. *Neuropsychologia*, 49, 49-60.
- Collins, T., Schicke, T., & Röder, B. (2008). Action goal selection and motor planning can be dissociated by tool use. *Cognition*, 109, 363-371.
- Cotti, J., Rohenkohl, G., Stokes, M., Nobre, A. C., & Coull, J. T. (2011). Functionally dissociating temporal and motor components of response preparation in left intraparietal sulcus. *NeuroImage*, 54, 1221-1230.
- Cotti, J., Vercher, J.-L., & Guillaume, A. (2011). Hand-eye coordination relies on extra-retinal signals: evidence from reactive saccade adaptation. *Behavioural Brain Research*, 218, 248-252.
- de Grave, D. D. J., Franz, V. H., & Gegenfurtner, K. R. (2006). The influence of the Brentano illusion on eye and hand movements. *Journal of Vision*, 6, 727-738. <http://journalofvision.org/6/7/5/>.
- de Grave, D. D. J., Hesse, C., Brouwer, A.-M., & Franz, V. H. (2008). Fixation locations when grasping partly occluded objects. *Journal of Vision*, 8(7):5, 1-11, <http://journalofvision.org/8/7/5/>, doi:10.1167/8.7.5.
- Degani, A. M., Danna-Dos-Santos, A., Robert, T., & Latash, M. L. (2010). Kinematic synergies during saccades involving whole-body rotation: A study based on the uncontrolled manifold hypothesis. *Human Movement Science*, 29, 243-258.
- Desanghere, L., & Marotta, J. J. (2011). "Graspability" of objects affects gaze patterns during perception and action tasks. *Experimental Brain Research*, 212, 177-187.
- Desmurget, M., Turner, R. S., Prablanc, C., Russo, G. S., Alexander, G. E., & Grafton, S. T. (2005). Updating target location at the end of an orienting saccade affects the characteristics of simple point-to-point movements. *Journal of Experimental Psychology: Human Perception & Performance*, 31, 1510-1536.

- Dessing, J. C., Wijdenes, L. O., Peper, C. E., & Beek, P. J. (2009). Visuomotor transformation for interception: catching while fixating. *Experimental Brain Research*, 196, 511-527.
- Ehresman, C., Saucier, D., Heath, M., & Binsted, G. (2008). Online corrections can produce illusory bias during closed-loop pointing. *Experimental Brain Research*, 188, 371-378.
- Fiehler, K., Schütz, I., & Henriques, D. Y. P. (2011). Gaze-centered spatial updating of reach targets across different memory delays. *Vision Research*, 51, 890-897.
- Fornos, A. P., Sommerhalder, J., Pittard, A., Safran, A. B., & Pelizzone, M. (2008). Simulation of artificial vision: IV. Visual information required to achieve simple pointing and manipulation tasks. *Vision Research*, 48, 1705-1718.
- Gorbet, D. J., & Sergio, L. E. (2009). The behavioral consequences of dissociating the spatial directions of eye and arm movements. *Brain Research*, 1284, 77-88.
- Greenwald, H. S., & Knill, D. C. (2009). Cue integration outside central fixation: A study of grasping in depth. *Journal of Vision*, 9(2):11, 1-16, <http://journalofvision.org/9/2/11/>, doi:10.1167/9.2.11.
- Horstmann, A., & Hoffmann, K.-P. (2005). Target selection in eye-hand coordination: Do we reach to where we look or do we look to where we reach? *Experimental Brain Research*, 167, 187-195.
- Jones, S. A. H., & Henriques, D. Y. P. (2010). Memory for proprioceptive and multisensory targets is partially coded relative to gaze. *Neuropsychologia*, 48, 3782-3792.
- Jonikaitis, D., Schubert, T., & Deubel, H. (2010). Preparing coordinated eye and hand movements: Dual-task costs are not attentional. *Journal of Vision*, 10(14):23, 1-17, <http://www.journalofvision.org/content/10/14/23>, doi:10.1167/10.14.23.
- Jonikaitis, D., & Deubel, H. (2011). Independent allocation of attention to eye and hand targets in coordinated eye-hand movements. *Psychological Science*, 22, 339-347.
- Juravle, G., & Deubel, H. (2009). Action preparation enhances the processing of tactile targets. *Experimental Brain Research*, 198, 301-311.
- Ketcham, C. J., Dounskaia, N. V., & Stelmach, G. E. (2006). The role of vision in the control of continuous multijoint movements. *Journal of Motor Behavior*, 38, 29-44.
- Khan, A. Z., Song, J.-H., & McPeck, R. M. (2011). The eye dominates in guiding attention during simultaneous eye and hand movements. *Journal of Vision*, 11(1):9, 1-14, <http://www.journalofvision.org/content/11/1/9>, doi:10.1167/11.1.9.
- Lemay, M., & Stelmach, G. E. (2005). Multiple frames of reference for pointing to a remembered target. *Experimental Brain Research*, 164, 301-310.
- Liesker, H., Brenner, E., & Smeets, J. B. J. (2010). Eye-hand coupling is not the cause of manual return movements when searching. *Experimental Brain Research*, 201, 221-227.
- Lünenburger, L., & Hoffmann, K.-P. (2003). Arm movement and gap as factors influencing the reaction time of the second saccade in a double-step task. *European Journal of Neuroscience*, 17, 2481-2491.
- Ma-Wyatt, A., Stritzke, M., & Trommershäuser, J. (2010). Eye-hand coordination while pointing rapidly under risk. *Experimental Brain Research*, 203, 131-145.
- Mrotek, L. A., Flanders, M., & Soechting, J. F. (2004). Interception of targets using brief directional cues. *Experimental Brain Research*, 156, 94 - 103.
- Mrotek, L. A., & Soechting, J. F. (2007). Target interception: Hand-eye coordination and strategies. *Journal of Neuroscience*, 27, 7297-7309.

- Neggers, S. F. W., & Bekkering, H. (1999). Integration of visual and somatosensory target information in goal-directed eye and arm movements. *Experimental Brain Research*, 125, 97-107.
- Neggers, S. F. W., & Bekkering, H. (2000). Ocular gaze is anchored to the target of an ongoing pointing movement. *The Journal of Neurophysiology*, 83, 639-651.
- Neggers, S. F. W., & Bekkering, H. (2001). Gaze anchoring to a pointing target is present during the entire pointing movement and is driven by a non-visual signal. *The Journal of Neurophysiology*, 86, 961-970.
- Neggers, S. F. W., & Bekkering, H. (2002). Coordinated control of eye and hand movements in dynamic reaching. *Human Movement Science*, 21, 37-64.
- Rolheiser, T. M., Binsted, G., & Brownell, K. J. (2006). Visuomotor representation decay: influence on motor systems. *Experimental Brain Research*, 173, 698-707.
- Selen, L. J. P., & Medendorp, W. P. (2011). Saccadic updating of object orientation for grasping movements. *Vision Research*, 51, 898-907.
- Sims, C. R., Knill, D. C., & Jacobs, R. A. (2011). Adaptive allocation of vision under competing task demands. *Journal of Neuroscience*, 31, 928-943.
- Soechting, J. F., & Flanders, M. (2008). Extrapolation of visual motion for manual interception. *Journal of Neurophysiology*, 99, 2956-2967.
- Soechting, J. F., Juveli, J. Z., & Rao, H. M. (2009). Models for the Extrapolation of Target Motion for Manual Interception. *Journal of Neurophysiol*, 102, 1491 - 1502.
- Sorrento, G. U., & Henriques, D. Y. P. (2008). Reference frame conversions for repeated arm movements. *Journal of Neurophysiology*, 99, 2968 - 2984.
- Stritzke, M., & Trommershäuser, J. (2007). Eye movements during rapid pointing under risk. *Vision Research*, 47, 2000-2009.
- Thaler, L., & Goodale, M. A. (2011). Reaction times for allocentric movements are 35 ms slower than reaction times for target-directed movements. *Experimental Brain Research*, 211, 313-328.
- Thompson, A. A., & Henriques, D. Y. P. (2008). Updating visual memory across eye movements for ocular and arm motor control. *Journal of Neurophysiology*, 100, 2507 - 2514
- Thompson, A. A., & Henriques, D. Y. P. (2010). Locations of serial reach targets are coded in multiple reference frames. *Vision Research*, 50, 2651-2660.
- Thompson, A. A., & Westwood, D. A. (2007). The hand knows something that the eye does not: Reaching movements resist the Müller-Lyer illusion whether or not the target is foveated. *Neuroscience Letters*, 416, 111-116.
- Van Pelt, S., & Medendorp, W. P. (2007). Gaze-centered updating of remembered visual space during active whole-body translations. *Journal of Neurophysiology*, 97, 1209-1220.
- Verrel, J., Bekkering, H., & Steenbergen, B. (2008). Eye-hand coordination during manual object transport with the affected and less affected hand in adolescents with hemiparetic cerebral palsy. *Experimental Brain Research*, 187, 107-116.
- Vidoni, E. D., McCarley, J. S., Edwards, J. D., & Boyd, L. A. (2009). Manual and oculomotor performance develop contemporaneously but independently during continuous tracking. *Experimental Brain Research*, 195, 611-620.
- White, B. J., Kerzel, D., & Gegenfurtner, K. R. (2006). Visually guided movements to color targets. *Experimental Brain Research*, 175, 110 - 126.
- Yi, W., & Ballard, D. H. (2009). Recognizing behavior in hand-eye coordination patterns. *International Journal of Humanoid Robotics*, 6, 337-359. Doi:10.1142/S0219843609001863.