

- Becic, E., Boot, W. R., & Kramer, A. F. (2008). Training older adults to search more effectively: Scanning strategy and visual search in dynamic displays. *Psychology and Aging*, 23, 461-466.
- Becic, E., Kramer, A. F. & Boot, W. R. (2007). Age-related differences in the use of background layout in visual search. *Aging, Neuropsychology, and Cognition*, 14, 109-125.
- Belke, E., & Meyer, A. S. (2007). Single and multiple object naming in healthy ageing. *Language and Cognitive Processes*, 22, 1178-1211.
- Ben-David, B. M., Chambers, C., Daneman, M., Pichora-Fuller, M. K., Reingold, E., & Schneider, B. A. (2011). Effects of aging and noise on real-time spoken word recognition: Evidence from eye movements. *Journal of Speech, Language, and Hearing Research*, 54, 243-262.
- Betts, L. R., Sekuler, A. B., & Bennett, P. J. (2007). The effects of aging on orientation discrimination. *Vision Research*, 47, 1769-1780.
- Betts, L. R., Taylor, C. P., Sekuler, A. B., & Bennett, P. J. (2005). Aging reduces center-surround antagonism in visual motion processing. *Neuron*, 45, 361-366.
- 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.
- Campbell, K. L., Al-Aidroos, N., Fatt, R., Pratt, J., & Hasher, L. (2010). The effects of multisensory targets on saccadic trajectory deviations: eliminating age differences. *Experimental Brain Research*, 201, 385-392.
- Campbell, K., Al-Aidroos, N., Pratt, J., & Hasher, L. (2009). Repelling the young and attracting the old: Examining age-related differences in saccade trajectory deviations. *Psychology and Aging*, 24, 163-168.
- Campbell, K. L., & Ryan, J. D. (2009). The effects of practice and external support on older adults' control of reflexive eye movements. *Aging, Neuropsychology, and Cognition*, 16, 745 - 763.
- Chan, J. P. K., Kamino, D., Binns, M. A., & Ryan, J. D. (2011) Can changes in eye movement scanning alter the age-related deficit in recognition memory?. *Frontiers in Psychology*, 2:92. doi: 10.3389/fpsyg.2011.00092.
- 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.

- Cassavaugh, N., Kramer, A. F., Peterson, M. S. (2004). Aging and the strategic control of the fixation offset effect. *Psychology and Aging*, 19, 357-361.
- Colcombe, A. M., Kramer, A. F., Irwin, D. E., Peterson, M. S., Colcombe, S., & Hahn, S. (2003). Age-related effects of attentional and oculomotor capture by onsets and color singletons as a function of experience. *Acta Psychologica*, 113, 205-226.
- Crossland, M. D., Morland, A. B., Feely, M. P., von dem Hagen, E., & Rubin, G. S. (2008). The effect of age and fixation instability on retinotopic mapping of Primary Visual Cortex. *Investigative Ophthalmology and Vision Science*, 49, 3734 - 3739.
- Daneman, M., Hannon, B., & Burton, C. (2006). Are there age-related differences in shallow semantic processing of text? Evidence from eye movements. *Discourse Processes*, 42, 177-203.
- Diederich, A., Colonius, H., & Schomburg, A. (2008). Assessing age-related multisensory enhancement with the time-window-of-integration model. *Neuropsychologia*, 46, 2556-2562.
- Diehl, M. D., & Pidcoe, P. E. (2010). The Influence of gaze stabilization and fixation on stepping reactions in younger and older adults. *Journal of Geriatric Physical Therapy*, 33, 19-25.
- Firestone, A., Turk-Browne, N. B., & Ryan, J. D. (2007). Age-related deficits in face recognition are related to underlying changes in scanning behavior. *Aging, Neuropsychology, and Cognition*, 14, 594 - 607.
- Guerreiro, M. J. S., & Van Gerven, P. W. M. (2011). Now you see it, now you don't: Evidence for age-dependent and age-independent cross-modal distraction. *Psychology and Aging*, 26, 415-426.
- Hine, T. J., Wallis, G., Wood, J. M., & Stavrou, E. P. (2006). Reflexive optokinetic nystagmus in younger and older observers under photopic and mesopic viewing conditions. *Investigative Ophthalmology and Vision Science*, 47, 5288-5294.
- Kolarik, A. J., Margrain, T. H., & Freeman, T. C. A. (2010). Precision and accuracy of ocular following: influence of age and type of eye movement. *Experimental Brain Research*, 201, 271-282.
- 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., Hahn, S., Irwin, D. E., & Theeuwes, J. (2000). Age difference in the control of looking behavior: Do you know where your eyes have been? *Psychological Science*, 11, 210-217.

- Mortensen, L., Meyer, A. S., & Humphreys, G. W. (2008). Speech planning during multiple-object naming: Effects of ageing. *The Quarterly Journal of Experimental Psychology*, 61, 1217 - 1238.

- Neider, M. B., Boot, W. R., & Kramer, A. F. (2010). Visual search for real world targets under conditions of high target-background similarity: Exploring training and transfer in younger and older adults. *Acta Psychologica*, 134, 29-39.

- Olk, B., & Jin, Y. (2011). Effects of aging on switching the response direction of pro- and antisaccades. *Experimental Brain Research*, 208, 139-150.
- Paquette, C., & Fung, J. (2011). Old age affects gaze and postural coordination. *Gait & Posture*, 33, 227-232.

- Porter, G., Tales, A., Wilcock, G., Haworth, J., Troscianko, T., & Leonards, U. (2010). New insights into feature and conjunction search: I. Evidence from pupil size, eye movements and ageing. *Cortex*, 46, 621-636.

- Pratt, J., Dodd, M., & Welsh, T. (2006). Growing older does not always mean moving slower: Examining aging and the saccadic motor system. *Journal of Motor Behavior*, 38, 373-382.

- Proudlock, F. A., Shekhar, H., & Gottlob, I. (2004). Age-related changes in head and eye coordination. *Neurobiology of Aging*, 25, 1377-1385.

- Rayner, K., Castelhana, M.S., & Yang, J. (2009). Eye movements and the perceptual span in older and younger readers. *Psychology and Aging*, 24, 755-760.

- Rayner, K., Reichle, E. D., Stroud, M. J., Williams, C. C., & Pollatsek, A. (2006). The Effect of word frequency, word predictability, and font difficulty on the eye movements of young and older readers. *Psychology & Aging*, 21, 448-465.

- Rayner, K., Yang, J., Castelhana, M. S., & Liversedge, S. P. (2011). Eye movements of older and younger readers when reading disappearing text. *Psychology and Aging*, 26, 214-223.

- Risse, S., & Kliegl, R. (2011). Adult age differences in the perceptual span during reading. *Psychology and Aging*, 26, 451-460.

- Ryan, J. D., Leung, G., Turk-Browne, N. B., & Hasher, L. (2007). Assessment of age-related changes in inhibition and binding using eye movement monitoring. *Psychology & Aging*, 22, 239-250.

- Ryan, J. D., Shen, J., & Reingold, E. M. (2006). Modulation of distraction in ageing. *British Journal of Psychology*, 97, 339-351.

- Stine-Morrow, E. A., Shake, M. C., Miles, J. R., Lee, K., Gao, X., & McConkie, G. (2010). Pay now or pay later: Aging and the role of boundary salience in self-regulation of conceptual integration in sentence processing. *Psychology & Aging*, 25, 168-176.

- Störmer, V. S., Li, S.-C., Heekeren, H. R., & Lindenberger, U. (2011). Feature-based interference from unattended visual field during attentional tracking in younger and older adults. *Journal of Vision*, 11(2):1, 1-12, <http://www.journalofvision.org/content/11/2/1>, doi:10.1167/11.2.1.
- Sullivan, S., Ruffman, T., & Hutton, S. B. (2007). Age differences in emotion recognition skills and the visual scanning of emotion faces. *The Journals of Gerontology Series B: Psychological Sciences and Social Sciences*, 62, 53-60.
- Underwood, G., Phelps, N., Wright, C., van Loon, E., & Galpin, A. (2005). Eye fixation scanpaths of younger and older drivers in a hazard perception task. *Ophthalmic and Physiological Optics*, 25, 346-356.
- Açik, 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. // Age: 7-9
- Blythe, H. I., Häikiö, T., Bertam, R., Liversedge, S. P., & Hyönä, J. (2011). Reading disappearing text: Why do children refixate words? *Vision Research*, 51, 84-92. // Age 8-11
- Brunet, P. M., Heisz, J. J., Mondloch, C. J., Shore, D. I., & Schmidt, L. A. (2009). Shyness and face scanning in children. *Journal of Anxiety Disorders*, 23, 909-914. // Age: 11
- d'Ydewalle, G., & De Bruycker, W. (2007). Eye movements of children and adults while reading television subtitles. *European Psychologist*, 12, 196-205. // Age: 10-12
- Evans, M. A., & Saint-Aubin, J. (2005). What Children are Looking at during Shared Storybook Reading: Evidence from Eye Movement Monitoring. *Psychological Science*. 16, 913-920. // Age: 4-6
- Evans, M. A., Saint-Aubin, J., & Landry, N. (2009). Letter names and alphabet book reading by senior kindergarteners: An eye movement study. *Child Development*, 80, 1824-1841. // Age: 5-6
- Feng, G., Miller, K., Shu, H., & Zhang, H. (2009). Orthography and the development of reading processes: An eye-movement study of Chinese and English. *Child Development*, 80, 720-735. // Age: 9-11
- Gamble, A. L., & Rapee, R. M. (2009). The time-course of attentional bias in anxious children and adolescents. *Journal of Anxiety Disorders*, 23, 841-847. // Age: 7-17
- Häikiö, T., Bertram, R., & Hyönä, J. (2011). The development of whole-word representations in compound word processing: Evidence from eye fixation patterns of elementary school children. *Applied Psycholinguistics*, 32, 533-551. // Age: 8-12

- 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. // Age: 11.8-12

- Heine, A., Thaler, V., Tamm, S., Hawelka, S., Schneider, M., Torbeyns, J., De Smedt, B., Verschaffel, L., Stern, E., & Jacobs, A. M. (2010). What the eyes already 'know': using eye movement measurement to tap into children's implicit numerical magnitude representations. *Infant and Child Development*, 19, 175 - 186. // Age: 6.6, 8.1, 8.9

- Horsley, T. A., de Castro, B. O., & Van der Schoot, M. (2010). In the eye of the beholder: Eye-tracking assessment of social information processing in aggressive behavior. *Journal of Abnormal Child Psychology*, 38, 587-599. // Age: 10.6 - 13.7.

- Huang, X., Jing, J., Zou, X.-B., Wang, M.-L., Li, X.-H., & Lin, A.-H. (2008). Eye movements characteristics of Chinese dyslexic children in picture searching. *Chinese Medical Journal*, 121, 1617-1621. // Average Age: 10

- Huestegge, L., Radach, R., Corbic, D., & Huestegge, S. M. (2009). Oculomotor and linguistic determinants of reading development: A longitudinal study. *Vision Research*, 49, 2948-2959. // Age: 8-10

- Hutzler, F., Kronbichler, M., Jacobs, A. M., & Wimmer, H. (2006). Perhaps correlational but not causal: No effect of dyslexic readers' magnocellular system on their eye movements during reading. *Neuropsychologia*. 44, 637-648. // Average age: 13.5

- Keehn, B., Brenner, L. A., Ramos, A. I., Lincoln, A. J., Marshall, S. P., & Müller, R. -A. (2009). Eye-movement patterns during an embedded figures test in children with ASD. *Journal of Autism and Developmental Disorders*, 39, 383-387. // Average Age: 13

- Kita, Y., Gunji, A., Inoue, Y., Goto, T., Sakihara, K., Kaga, M., Inagaki, M., & Hosokawa, T. (2011). Self-face recognition in children with autism spectrum disorders: A near-infrared spectroscopy study. *Brain and Development*, 33, 494-503. // Average Age: 10.2

- Kramer, A. F., de Sather, J. C., & Cassavaugh, N. D. (2005). Development of attentional and oculomotor control. *Developmental Psychology*, 41, 760-772. // Age: 8-9, 10-12

- Lehtimäki, T. M., & Reilly, R. G. (2005). Improving eye movement control in young readers. *The Artificial Intelligence Review*, 24, 477-488. // Age: 8

- Li, C.-S. R., Chang, H.-L., & Lin, S.-C. (2003). Inhibition of return in children with attention deficit hyperactivity disorder. *Experimental Brain Research*. 149, 125-130. // Average Age: 12.2

- Moeller, K., Klein, E., & Nuerk, H.-C. (2011). (No) small adults: Children's

processing of carry addition problems. *Developmental Neuropsychology*, 36, 702-720. // Age: 9-10

■ O'Driscoll, G. A., Dépatie, L., Holahan, A. V., Savion-Lemieux, T., Barr, R. G., Jolicoeur, Cl., & Douglas, V. I. (2005). Executive Functions and Methylphenidate Response in Subtypes of Attention-Deficit/Hyperactivity Disorder. *Biological Psychiatry*, 57, 1452-1460. // Age: 11.5-14

■ Prado, C., Dubois, M., & Valdois, S. (2007). The eye movements of dyslexic children during reading and visual search: Impact of the visual attention span. *Vision Research*. 47, 2521-2530. // Average Age: 11

■ Rommelse, N. N. J., Van der Stigchel, S., Witlox, J., Geldof, C., Deijen, J.-B., Theeuwes, J., Oosterlaan, J., & Sergeant, J. A. (2008). Deficits in visuo-spatial working memory, inhibition and oculomotor control in boys with ADHD and their non-affected brothers. *Journal of Neural Transmission*, 115, 249-260. // Age: 7-14

■ Roy-Charland, A., Saint-Aubin, J., & Evans, M. A. (2007). Eye movements in shared book reading with children from kindergarten to Grade 4. *Reading and Writing*. 20, 909-931. // Age: 5.3-9.8

■ Schleifer, P., & Landerl, K. (2011). Subitizing and counting in typical and atypical development. *Developmental Science*, 14, 280-291. // Age: 8, 11, 14

■ Schmalzl, L., Palermo, R., Green, M., Brunsdon, R., & Coltheart, M. (2008). Training of familiar face recognition and visual scan paths for faces in a child with congenital prosopagnosia. *Cognitive Neuropsychology*, 25, 704 - 729. // Age: 4

■ Schneider, M., Heine, A., Thaler, V., Torbeyns, J., De Smedt, B., Verschaffel, L., Jacobs, A., & Stern, E. (2008). A validation of eye movements as a measure of elementary school children's developing number sense. *Cognitive Development*, 23, 409-422. // Age: 6.8, 8.1, 8.9

■ Thaler, V., Urton, K., Heine, A., Hawelka, S., Engl, V., & Jacobs, A. M. (2009). Different behavioral and eye movement patterns of dyslexic readers with and without attentional deficits during single word reading. *Neuropsychologia*, 47, 2436-2445. // Age: 7.1-11.6

■ Tremblay, C., Champoux, F., Voss, P., Bacon, B. A., Lepore, F., & Théoret, H. (2007) Speech and non-speech audio-visual illusions: A developmental study. *PLoS ONE* 2(8): e742. doi:10.1371/journal.pone.0000742. // Age: 5-19.

■ van der Schoot, M., Arkema, A. H. B., Horsley, T. M., & van Lieshout, E. C. D. M. (2009). The consistency effect depends on markedness in less successful but not successful problem solvers: An eye movement study in primary school children. *Contemporary Educational Psychology*, 34, 58-66. // Age: 10-12

■ van der Schoot, M., Horsley, T. M., & van Lieshout, E. C. D. M. (2010). The effects of instruction on situation model construction: an eye fixation study on text comprehension in primary school children. *Educational Psychology: An International Journal of Experimental Educational Psychology*, 30, 817-835. // Age: 12.2

■van der Schoot, M., Vasbinder, A. L., Horsley, T. M., & van Lieshout, E. C. D. M. (2008). The role of two reading strategies in text comprehension: An eye fixation study in primary school children. *Journal of Research in Reading*, 31, 203-223. // Age: 10-12

■Van der Stigchel, S., Rommelse, N.N.J., Deijen, J.B., Geldof, C.J.A., Witlox, J., Oosterlaan, J., Sergeant, J.A., & Theeuwes, J. (2007). Oculomotor Capture in ADHD. *Cognitive Neuropsychology*. 24, 535 - 549. // Age: 7-14.