



NAME <b>Jan Theeuwes</b>		POSITION TITLE: Full Professor and Head of the Department of Cognitive Psychology, Vrije Universiteit, Amsterdam	
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
HTS Technical College Breda, NL	B. Sc	1981	Mechanical Engineering
Tilburg University, Tilburg, NL	M.Sc. ( <i>cum laude</i> )	1987	Exp. Psych & Ergonomics
Vrije Universiteit, Amsterdam, NL	PhD ( <i>cum laude</i> )	1992	Experimental Psychology

- Member of the Royal Dutch Academy of Science (since 2010)
- The 2001 *Bertelson Award* in recognition of outstanding research from European Society for Cognitive Psychology
- President-*Elect* European Society for Cognitive Psychology

1999- present	Full Professor of Cognitive Psychology, Vrije Universiteit, Amsterdam
2003- 2007	Research Director Faculty of Psychology and Education VU
1998	Head Department <i>Information Processing</i> TNO-Human Factors
1993-1997	Research Leader Traffic Behavior Group TNO-Human Factors
1988-1993	Researcher, TNO Human Factors, Soesterberg

### Grants

External Funding to the Theeuwes lab allocated for PhDs positions (since 2000)

- *ERC Advanced Grant REWARDVIEW (2013-2017)* € 2.500.000
- *ORA Grant with Deubel (Munich) and Cavanagh (Paris) (2013- 2016)* € 250.000
- *NWO The processing of distractors in visual search. (1999-2002)* € 140.000
- *NWO Top-down and bottom-up control of visual selection (2002-2006)* € 140.000
- *NWO -Change No-Blindness: Detecting non-changing elements (2004-2008)* € 140.000
- *NWO Mozaïek: The role of consciousness in feature identification* € 160.000
- *NWO-STW Grant: Multi-Sensory Displays (2005-2009)* € 320.000
- *Human Frontiers Science Program Top-down and bottom-up control (2005-2008)* € 160.000
- *ESRC- NWO Bilateral Agreement Scanpaths when viewing faces (2008-2011)* € 200.000
- *EU ESF grant The time-course of stimulus-driven and goal-driven selection (2007-2010)* € 180.000

Funding to the Theeuwes lab allocated for post-doc positions

- *NWO-Veni Nieuwenhuis (2002-2004)* € 180.000
- *NWO-Veni Olivers (2003-2005)* € 180.000
- *NWO-Veni Meeter (2006-2009)* € 180.000
- *NWO- Vidi Nieuwenhuis (2005-2009)* € 600.000
- *NWO- Vidi Olivers (2006-2010)* € 600.000
- *NWO- Veni van Zoest (2008-2011)* € 206.000
- *NWO- Veni Belopolsky (2009-2012)* € 206.000
- *NWO- Veni Hickey (2011-2014)* € 250.000
- *NWO- Vidi Meeter (2010-2014)* € 800.000
- *NWO programma subsidie (post-doc to Theeuwes)* € 180.000
- *EU- Marie Curie grant Belopolsky (2007-2009)* € 200.000
- *Human Frontiers Science Program (2005-2008) post-doc to Theeuwes* € 180.000

Past PhD students

- *Godijn (2003). Competition and Inhibition in the oculomotor System [cum laude].*
- *van Zoest (2005) The time course of stimulus-driven and goal-driven control of saccadic selection*
- *Mortier (2006) Perceptual processing and response selection in visual search*
- *Martens (2007). The failure to act to important information: where do things go wrong?*
- *Van der Stigchel (2007) Eye movement Trajectories and what they tell us [cum laude]*
- *Pinto (2008) Guiding attention in a dynamic environment.*
- *Van der Burg (2009) Temporal multisensory processing and its effect on attention [cum laude]*
- *Koelewijn (2009) Audiovisual attention in space*
- *Mulckhuyse (2009) Conscious and unconscious processing in visual spatial selection*
- *Munneke (2010) Spatial attention in early visual cortex*
- *Lies Notebaert (2010) The efficiency of attention for threatening information (as co-promotor).*
- *Hickey (2011) Involuntary biases of attention in visual search [cum laude]*
- *Dombrowe (2012) Bottom-up and top-down selection in time*
- *Schreij (2012) Attention to emerging objects*

- *Mathôt (2013) Visual attention and stability [cum laude]*
- *Siebold (2014) The time course of Oculomotor selection*
- *Schomaker (2015). What's new: the interaction between novelty and cognition*

#### Citations and impact on the field

Jan Theeuwes published more than 200 peer reviewed papers (60 as first author, 110 as senior author)

**H-index (scholar) = 59** (January 2015)

**Total number of citations: 12686**

Labpage: [www.cogpsy.nl](http://www.cogpsy.nl)

#### Committee member of PhD theses (since 2000)

- o Filip Germeys (Leuven) 2000;
- o Fookie Cnossen (Groningen) 2000;
- o Sander Nieuwenhuis (UvA) 2001;
- o Sander Martens (Leiden) 2001;
- o Menno vd Schoot (Klinische Neuropsychologie VU) 2001;
- o Caleb Owens (Sydney Australia) 2001;
- o Anouk Scheres (Klinische Neuropsychologie VU) 2002
- o Stefan Huijbregts (Klinische Neuropsychologie VU) 2002;
- o Rogier Landman (UvA) 2003;
- o Valerie Brown (University of Durham, Durham, UK) 2004
- o Paul Khayat (UvA) 2004; Mark Nieuwenstein (Utrecht) 2004
- o Jose van Velzen (Groningen) 2005
- o Jurjen van der Helden (Groningen) 2005;
- o Heleen Slagter (UvA) 2005;
- o Janneke Jehee (UvA) 2005 ;
- o Ryota Kanai (Utrecht) 2005;
- o Catharine van Meel (Klinische Neuropsychologie VU) 2005;
- o Taco Horsley (Klinische Neuropsychologie VU) 2005;
- o Gwendid Van der Voort Van der Kleij (Leiden) 2007;
- o Roos Houtkamp (UvA) 2007;
- o Judith Peters (Maastricht) 2007;
- o Maura Houtenbos (TU Delft) 2007;
- o Yousri Marzouki (Marseille, France) 2007;
- o Jeroen Benjamins (Utrecht) 2007
- o Jasper Wijnen (UvA) 2009
- o Matthias Treder (Nijmegen) 2010
- o Arezoo Pooresmaeili (NIN; Amsterdam) 2010
- o Sabine Born (Geneve) 2010
- o Ilja Sligte (UvA, Amsterdam)
- o Bruno Bocanegra (Rotterdam) 2011
- o Jelmer de Vries (Utrecht) 2011
- o Maria Nordfang (Kopenhagen) 2011
- o Giorgio Tommasi (University of Verona) 2011
- o Femke Maij (Movement Science, VU) 2011
- o Bruno Bocanegra (Erasmus, Rotterdam) 2011
- o Jelmer de Vries (Universiteit Utrecht) 2011
- o Jasper Poort (NIN) 2012
- o Liviu Stanisor (NIN) 2013
- o Annelinde Vandenbroucke (UvA) 2013

#### Professional Services:

- o Member of the KNAW
- o Member of the Psychonomics Publication Committee
- o Abstract review committee Vision Science Society (VSS)
- o Member of the Accreditation Organisation of the Netherlands and Flanders (NVAO)
- o Member of Scientific Advisory Board TNO- LIFT
- o Jury for Wiener Wissenschafts-, Forschungs- und Technologiefonds
- o Evaluation committee Haifa University for the Minerva Foundation, Max Planck Society
- o KNAW domein jury.

Associate Editor:

- o *Perception & Psychophysics* (1994-1998)
- o *European Journal for Cognitive Psychology* (2001-2004)

Consulting Editor:

- o *Journal of Experimental Psychology: General* (2008- present)
- o *Journal of Experimental Psychology: Human Perception & Performance* (1996-2011)
- o *Perception & Psychophysics* (1998- present)
- o *Visual Cognition* (2005- present)
- o *Acta Psychologica* (2005- present )
- o *Psychonomic Bulletin and Review* (2007- present)
- o *Journal of Eye Movement Research* (2010- present)

Ad hoc Reviewer for: Accident Analysis & Prevention, Biological Psychology, Cognitive Brain Research, Cognitive Psychology, Cognition, Developmental Psychology, Emotion, Experimental Brain Research, Ergonomics, Human Factors, Journal of the Optical Society of America, Journal of Neurophysiology, Journal of Experimental Psychology: Learning Memory and Cognition, Journal of Cognitive Neuroscience, Nature, Neuropsychologica, Neuroimage, Neuroscience, Memory and Cognition, *Psicologica*, Psychological Research, Psychological Science, Psychophysiology, Psychology & Aging, Quarterly Journal of Experimental Psychology, Scandinavian Journal of Psychology, Traffic Psychology and Behaviour, Trends in Cognitive Science, Vision Research

Grant Reviewer for

- o BBSRC, UK
- o Natural Sciences and Engineering Research Council of Canada (NSERC)
- o NSF; National Science Foundation, Washington DC
- o EURYI Awards
- o KNAW (Royal Dutch Academy of Sciences)
- o Nationaal Fonds v Wetenschappelijk Onderzoek, Belgie
- o The Israel Science Foundation
- o The Ran Naor Foundation
- o The Wellcome Trust
- o NWO Vici en Vidi grants/ NWO Groot

Affiliations: *Society for Neuroscience; Psychonomic Society; American Psychological Society; European Society for Cognitive Psychology; Dutch Psychonomic Society*

Award: *Bertelson Award* in recognition of outstanding psychological research from the European Society for Cognitive Psychology (ESCoP, 2001)

## **INVITED ADDRESSES**

Invited addresses at conferences/ workshops

- The Seventeenth International Conference on Cognitive and Neural Systems (ICCNS) Boston 2013
- ZIF conference Competition and Priority Control in Mind and Brain, Bielefeld 2013
- Winterschool Research in Forensic Psychology, seeon Germany 2013
- Conference: Visual Search and Selective Attention (VSSA III), Munchen, 2012
- The 59th Nebraska Symposium on Memory and Motivation: Visual Search (Lincoln Nebraska, USA, 2011)
- Workshop on Crises Management (Vancouver, BC, Canada, 2011)
- Third International Workshop in Visual Attention (Allahabad India, 2011)
- Selection and Control Mechanisms in Perception and Action ( Jerusalem, Israel, 2010)
- RAW: Roverto Attention Workshop, Roverto, Italy (2007)
- European Workshop on Imagery and Cognition, Utrecht (2007)
- International Workshop on Visual Attention-2, Buenos Aires Argentina (2007)
- MACCS Visual Cognition, attention conference Sydney Australia (2006)
- Belgian Association for Psychological Science, Liege, Belgium, (2006)
- European Science Foundation workshop Amsterdam, Netherlands (2006)
- Workshop on Active Vision, invited address, University of Reading, Reading, UK
- Conference retirement of Chris Wickens, Beckman Institute, Champaign, USA (2005)
- RECA-5, Psicología de la atención, Murcia Spain (2005)
- Symposium Cognitive Control Amsterdam (2005)
- International Workshop on Visual Attention-1, San Miniato Italy (2003)
- Visual Search Munich, Munich, Germany (2003)
- European Society for Cognitive Psychology, Edinburgh, UK (2001)
- Workshop on errors, University of Amsterdam, Amsterdam, Netherlands (1998)
- Invited Speaker at Attention and Performance 18, Cambridge, England (1998)
- Keynote Lecture at Vision in Vehicle 7, Marseille, France (1997)
- International Seminar Human Factors in Road Traffic, Braga, Portugal (1997)
- National Academy of Sciences, TRB, Washington DC (1997)
- Symposium in Honor of retirement of Charles Eriksen, Urbana, Ill, USA (1994)

- Workshop Perceptual Organisation & Object Recogn. Brussel, Belgium (1992)

#### Invited addresses at universities/institutes

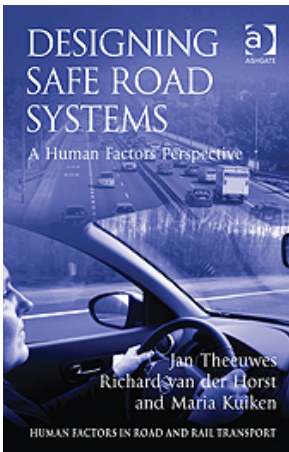
- Hangzhou Normal University, Hangzhou, China
- University of Peking, Beijing, China (2014)
- University of Western Ontario, Ontario, Canada (2013)
- University of Sydney, Sydney, Australia (2013)
- Kobe University, Kobe, Japan (2013)
- University of New South Wales, Sydney, Australia (2013)
- University of Peking (2013)
- Aix-Marseille Université, Laboratoire de Psychologie Cognitive, Marseille (2012)
- University of Magdeburg, Germany (2012)
- Tel Aviv University (2010)
- University College London (2009)
- Ludwig Maximilian University, Munchen, Germany (2009)
- University of Ghent, Belgium (2009)
- University of Bielefeld, Germany (2009)
- University of Geneva, Geneva, Switzerland (2008)
- University of Oregon, Eugene, Or, USA (2008)
- Northwestern University, Evanston, USA (2008)
- University of Iowa, Iowa, USA (2008)
- University of Illinois, Urbana Champaign, USA (2008)
- University of Washington, Seattle, WA, USA (2007)
- Simon Frasier University Burnaby, Canada (2007)
- University of Ghent, Ghent, Belgium (2007)
- Yale University, New Haven, USA (2006)
- University of Melbourne, Australia (2006)
- University of Hong Kong, Hong Kong (2006)
- University of Wales, Bangor UK (2005)
- University of Durham, Durham, UK (2004)
- University of Minnesota, Minneapolis, MN, USA (2002)
- Queen's University Kingston Ontario Canada (2002)
- Max Planck Institute for Psychological Research. Munchen, Germany (2001)
- Aix-on-Provence, France (2001)
- University of Toronto, Toronto, Canada (2000)
- University of Iowa, Iowa, USA (2000)
- Max Planck Institute for Psychological Research. Munchen, Germany (2000)
- University of Aachen, Aachen, Germany (1999)
- University of Leipzig, Leipzig, Germany (1999).
- Indiana University, Bloomington, IN, USA (1997)
- Vanderbilt University, Nashville, TN, USA (1997)
- University of Kansas, Lawrence, KS, USA (1997)
- Erasmus University, Medical Physics, Rotterdam (1997)
- Washington University, St Louis, MI, USA (1996)
- University of Illinois, Champaign, IL, USA (1996)
- Tilburg University, Tilburg, The Netherlands (1996)
- Harvard University, Cambridge, MA, USA (1996)
- Nissan Cambridge Basic Research, Cambridge, MA, USA (1996)
- NICI, University of Nijmegen, Nijmegen, The Netherlands (1995)
- Uni of Michigan, Transportation Research Institute, Ann Arbor, USA (1995)
- Max Planck Institute fuer Psychologische Forschung, Munchen (1994)
- Utrecht University, Utrecht Biophysics Res. Inst., Utrecht, The Netherlands (1994)
- Royal Dutch Institute for Engineers, Eindhoven (1994)
- International Seminar Human Factors in Road Traffic 1, Braga, Portugal (1993)
- University of Illinois, Champaign, Ill, USA (1993)
- Visual Science Center, University of Chicago, Chicago, USA (1993)
- Johns Hopkins University, Baltimore, USA (1993)
- University of Brauwnschweig, Brauwnschweig, Germany (1992)
- University of Amsterdam, Amsterdam, The Netherlands (1992)
- General Motors Systems Engineering, Troy, Michigan, USA (1991)
- University of Michigan, Ann Arbor, Michigan, USA (1991)
- NASA- Ames Research Centre, Moffett Field, Carifornia, USA (1991)
- IPO Institute voor Perception Research, Eindhoven (1990)
- University of Leuven, Leuven, Belgium (1990)
- Université René Descartes, Paris, France (1990)

## SYMPOSIA

- Symposium at Vision Science Society, Naples Florida, May 7, 2010  
Reward and attention, and its effects on visual perception and action  
Organizers: Vidhya Navalpakkam (Caltech), Leonardo Chelazzi (University of Verona, Medical School, Italy), Jan Theeuwes (Vrije Universiteit, the Netherlands)
- Speaker at the Cognitive Neuroscience Society (San Francisco, USA);
  - symposium on working memory (2006)
- Speaker at the Cognitive Neuroscience Society (New York, USA);
  - symposium on attention and salience map (2005)
- Speaker at European Brain and Behavior Society (EBBS) Dublin Ireland,
  - Symposium on attentional capture (2005)

## BOOK:

Theeuwes, J. van der Horst, A.R.A. & Kuiken, M (2012) Designing Safe Road Systems: A Human Factors Perspective. Ashgate



## Peer-reviewed publications

### in press

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228. Bucker, B., Belopolsky, A. & **Theeuwes, J.** (in press). Distractors that signal reward capture the eyes: Automatic reward capture without previous goal-directed selection. *Visual Cognition*
227. Bucker, B., Silvis, J.D., Donk, W. & **Theeuwes, J.** (in press). Reward modulates oculomotor competition. *Vision Research*
226. Failing, M.F. & **Theeuwes, J.** (in press). Nonspatial Attentional Capture by Previously Rewarded Scene Semantics. *Visual Cognition*.
225. Schmidt, L.J., Belopolsky, A.V. & **Theeuwes, J.** (in press). Attentional capture by signals of threat. *Cognition and Emotion*
224. Schmidt, L.J., Belopolsky, A.V. & **Theeuwes, J.** (in press). Potential threat attracts attention and interferes with voluntary saccades. *Emotion*

223. Tommasi, G., Fiorio, M., Yelnik, J. Krack, P., Sala, F., Schmitt, E., Fraix, V., Bertolasi, L., Le Bas, J.F., Ricciardi, G.K., Fiaschi, A., **Theeuwes, J.**, Pollak, P., Chelazzi, L. (in press). Disentangling the Role of Cortico-Basal Ganglia Loops in Top-down and Bottom-up Visual Attention: An Investigation of Attention Deficits in Parkinson's Disease. *Journal of Cognitive Neuroscience*.
222. Van Moorselaar, D, Gunseli, E., **Theeuwes, J.** & Olivers, C.N.L. (in press). The Time Course of Protecting a Visual Memory Representation from Perceptual Interference. *Frontiers in Human Neuroscience*
221. Van Moorselaar, D., Battistoni, E., **Theeuwes, J.** & Olivers, C.N.L. (2014). Rapid influences of cued visual memories on attentional guidance. *Annals of the New York Academy of Sciences*,
220. Wang, Z. & **Theeuwes, J.** (2014). Distractor evoked Deviations in Saccade Trajectory are Modulated by Fixation Activity in the Superior Colliculus: Computational and Behavioral Evidence. *PlosOne*,
219. Wilschut, A., **Theeuwes, J.** & Olivers, C.N.L. (2014). Nonspecific competition underlies transient attention. *Psychological Research*

## 2014

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218. Boon, P., **Theeuwes, J.**, & Belopolsky, A. (2014) . Updating visual-spatial working memory during object movement. *Vision Research*, 94, 51–57.
217. Bucker, B. & **Theeuwes, J.** (2014). The Effect of Reward on Orienting and Reorienting in Exogenous Cueing. *Cognitive, Affective, and Behavioral Neuroscience*, 14(2):635-46.
216. Failing, M.F. & **Theeuwes, J.** (2014). Exogenous Visual Orienting by Reward. *Journal of Vision*, 14(5): 6.
215. Heeman, J. Theeuwes, J. & Van der Stigchel, S. (2014). The time course of top-down control on saccade averaging. *Vision Research*, 100, 29–37.
214. Hickey, C. Chelazzi, L & **Theeuwes, J.** (2014). Reward-priming of location in visual search. *PlosOne*, 9 (7), e103372
213. Schreij, D., Los, S.A., **Theeuwes, J.** , Enns, J.T., & Olivers, C.N.L. (in press). The interaction between stimulus-driven and goal driven orienting as revealed by eye movements. *Journal of Experimental Psychology: Human Perception and Performance* 40(1), 378-390.
212. Schomaker, J., Berendse, H.W., Foncke, E.M.J., van der Werf, Y.D., van den Heuvel, O.A., **Theeuwes, J.** & Meeter, M. (2014). Novelty processing and memory formation in Parkinson's disease. *Neuropsychologia*, 62, 124-136.
211. **Theeuwes, J.** , Mathôt. S., & Grainger, J. (2014). Object-centered orienting and IOR. *Attention, Perception & Psychophysics*, 76(8), 2249-2055.
210. Van Moorselaar, D, **Theeuwes, J.** & Olivers, C.N.L. (2014). In competition for the attentional template: Can multiple items within visual working memory guide attention?. *Journal of Experimental Psychology: Human Perception and Performance*, 40(4), 1450-1464
209. Wang, L., Duan, Y., **Theeuwes, J.** & Zhou, X. (2014). Reward breaks through the inhibitory region around attentional focus. *Journal of Vision*, 14(12), 2, 1-7
208. Wilschut, A., **Theeuwes, J.** & Olivers, C.N.L. (2014). Priming and the guidance by visual and categorical templates in visual search. *Frontiers in Cognition*, 5, 148.

## 2013

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207. Fuchs, I., **Theeuwes, J.** & Ansorge, U. (2013). Exogenous Attentional Capture by Subliminal Abrupt-Onset Cues: Evidence from Contrast-Polarity Independent Cueing Effects. *Journal of Experimental Psychology: Human Perception and Performance*, *39*(4):974-88.
206. Jonikaitis, D & **Theeuwes, J.** (2013) Dissociating oculomotor contributions to spatial and feature-based selection. *Journal of Neurophysiology*, *25*(10), 1525-1534
205. Kilpeläinen, M., Olivers, C.N.L. & **Theeuwes, J.** (2013). The eyes like their targets on a stable background. *Journal of Vision*, *13*(6):5, 1–11.
204. Notebaert, L., Crombez G., Van Damme, S., Durnez W., & **Theeuwes, J.** (2013). Attentional prioritization of threatening information: examining the role of the size of the attentional window. *Cognition and Emotion*, *27*(4):621-631
203. Mathôt. S., & **Theeuwes, J.** (2013). A reinvestigation of the reference frame of the tilt-adaptation aftereffect. *Scientific Reports*, *3*, e1152.
202. Talsma, D, White, B.J., Mathôt, S., Munoz, D.P. & **Theeuwes, J.** (2013). A retinotopic attentional trace after saccadic eye movements: Evidence from event-related potentials. *Journal of Cognitive Neuroscience*, *25*, 1563-1577
201. Theeuwes, J. (2013). Feature-Based Attention: It is all bottom-up priming. *Philosophical Transactions of the Royal Society B: Biological Sciences*. vol. 368 no. 1628 20130055
200. **Theeuwes, J.** , Mathôt. S., & Grainger, J. (2013). Exogenous object-centered attention. *Attention, Perception & Psychophysics*, *75*:812–818.
199. **Theeuwes, J.** & Van der Burg, E. (2013). Priming makes a stimulus more salient. *Journal of Vision*, *13*(3):21, 1–11
198. Wilschut, A. , **Theeuwes, J.** & Olivers, C.N.L. (2013). Early perceptual interactions shape the time course of cueing. *Acta Psychologica*, *144*(1):40-50.
197. Wilschut, A. , **Theeuwes, J.** & Olivers, C.N.L. (2013). The time it takes to turn a memory into a template. *Journal of Vision*, *13*(3), 8. doi: 10.1167/13.3.8.
196. Van der Burg, E., Nieuwenstein, M., **Theeuwes, J.** & Olivers, C.N.L. (2012) Irrelevant auditory and visual events induce a visual attentional blink. *Experimental Psychology* ,*60* (2), 80-89
195. van Hooff, J.C., Devue, C., Vieweg, P.E. & **Theeuwes, J.** (2013). Disgust- and not fear-evoking images hold our attention. *Acta Psychologica*, *43*(1):1-6.
194. White, B.J., Marino, R.A. , Boehnke, S.E., Itti, L., **Theeuwes, J.** , Munoz, D.P. (2013). Competitive integration of visual and goal-related signals on neuronal accumulation rate: A correlate of oculomotor capture in the superior colliculus. *Journal of Cognitive Neuroscience*, *25*(10): 1754-65

## 2012

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193. Awh, E, Belopolsky, A.V. & **Theeuwes, J.** (2012). Top-down versus bottom-up attentional control: A failed theoretical dichotomy. *Trends in Cognitive Sciences*, *16*, 437-443
192. Belopolsky, A.V., & **Theeuwes, J.** (2012). Updating the premotor theory: the allocation of attention is not always accompanied by saccade preparation. *Journal of Experimental Psychology: Human Perception and Performance*, *38*, 902-914
191. Casagrande, M., Barbato, M. Mereu, S., Martella D., Marotta A. **Theeuwes, J.** Collinson, S.L. (2012). Inhibition of return: A “depth-blind” mechanism? *Acta Psychologica*, *140*, 75-80.



190. de Fockert, J.W. & **Theeuwes, J.** (2012). Role of frontal cortex in attentional capture by singleton distractors. *Brain & Cognition*, 80, 367-373
189. Devue, C., Belopolsky A.V. & **Theeuwes, J.** (2012). Oculomotor guidance and capture by irrelevant faces. *PLoS ONE* 7(4): e34598 182
188. Godijn, R. & **Theeuwes, J.** (2012). Covert is Better than Overt When Rehearsing Visuo-Spatial Information in Working Memory. *Memory and Cognition*, 40, 52-60
187. Mathôt, S., Cristino, F., Gilchrist, I.D., & **Theeuwes, J.** (2012). Eyeanalysis: A similarity measure for eye movement patterns. *Journal of Eye Movement Research*, 5, 1-15
186. Mathôt, S., & **Theeuwes, J.** (2012). It's all about the transient: Intra-saccadic onset stimuli do not capture attention. *Journal of Eye Movement Research*, 5(2):4, 1-12
185. Mathôt, S., Schreij, D., & **Theeuwes, J.** (2012). OpenSesame: An Open-source, Graphical Experiment Builder for the Social Sciences. *Behavior Research Methods*, 44, 314-324
184. Munneke, J., Belopolsky, A.V. & **Theeuwes, J.** (2012). Shifting attention within memory representations involves early visual areas. *PLoSOne*, 7(4):e35528
183. Schmidt, L.J., Belopolsky, A.V. & **Theeuwes, J.** (2012), The presence of threat affects saccade trajectories. *Visual Cognition*, 20, 284-299 182.
182. **Theeuwes, J.** & Belopolsky (2012), Reward grabs the eye: oculomotor capture by rewarding stimuli. *Vision Research*, 74, 80-85
181. **Theeuwes, J.** (2012). Automatic Control of Visual Selection. In Dodd, M.D. & Flowers, J.H (Eds.). *The Influence of Attention, Learning, and Motivation on Visual Search. Nebraska Symposium on Motivation*. New York: Springer (pp. 23-62).
180. Van der Burg, E., Olivers, C.N.L., & **Theeuwes, J.** (2012) The attentional window modulates capture by audiovisual events. *PlosOne*, 7, e39137
179. Van der Burg, E., Nieuwenstein, M., **Theeuwes, J.** & Olivers, C.N.L. (2012) Irrelevant auditory and visual events induce a visual attentional blink. *Experimental Psychology*, 9:1-10
178. van Zoest, W., Kingstone, A., & **Theeuwes, J.** (2012).The influence of visual search efficiency on the time-course of identity-based SR-compatibility. *Acta Psychologica*, 140, 101-109
177. Wang, Z. & **Theeuwes, J.** (2012). Dissociable spatial and temporal effects of inhibition of return. *PlosOne*, 7(8): e44290
176. Wang Z, Kruijne W, **Theeuwes J** (2012) Lateral interactions in the superior colliculus produce saccade deviation in a neural field model. *Vision Research*, 62: 66-74
175. White, B., **Theeuwes, J.** & Munoz, D. (2012). Interaction between visual- and goal-related neuronal signals on the trajectories of saccadic eye movements. *Journal of Cognitive Neuroscience*, 24, 707-717

## 2011

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174. Belopolsky, A.V., Devue, C. & **Theeuwes, J.** (2011). Angry faces hold the eyes. *Visual Cognition*, 19, 17-36
173. Belopolsky, A.V., & **Theeuwes, J.** (2011). Selection within visual memory representations activates the oculomotor system. *Neuropsychologica*, 49, 1605-1610
172. 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
171. Devue, C., Belopolsky A.V. & **Theeuwes, J.** (2011). The role of fear and expectancies in capture of covert attention by spiders. *Emotion*, 11, 768-775.



170. Hickey, C. & Theeuwes, J. (2011). Context and competition in the capture of visual attention. *Attention, Perception, & Psychophysics*, 73, 2053–2064
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