VU VRIJE UNIVERSITEIT AMSTERDAM

Department of Experimental and Applied Psychology
Faculty of Behavioral and Movement Sciences



NAME Jan Theeuwes	POSITION TITLE: Full Professor, Chair and Head of the Department of Experimental and Applied 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. (*cum laude*)	1987	Exp. Psych & Ergonomics
Vrije Universiteit, Amsterdam, NL	PhD (*cum laude*)	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

Positions

1999- present	Full Professor and chair Cognitive Psychology, Vrije Universiteit, Amsterdam
2015-2023	Director Institute brain and Behavior Amsterdam (iBBA)
1999-2022	Department Head Cognitive Psychology and Experimental and Applied Psychology
2003-2007	Research Director (and *Vice-Dean*) Faculty of Psychology and Education VU
1998	Head Department *Information Processing* TNO-Human Factors
1993-1997	Research Leader Traffic Behavior Group TNO-Human Factors
1988-1993	Researcher, TNO Human Factors, Soesterberg
2007-2008	Sabbatical year University of British Columbia, Vancouver, Canada
1997-1998	Sabbatical year Beckman Institute; University of Illinois, Urbana Champaign, USA
2023-2027	visiting professor ISPA Lisbon
2027-	visiting professor CIMCYC Granada Spain
2026-	visiting professor Zhejiang University Hangzhou China

Grants

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

- *NWO open competition (2023-2027)* *€ 700.000*
- *ERC Advanced Grant LEARNATTEND (2020-2025)* *€ 2.500.000*
- *ERC Advanced Grant REWARDVIEW (2014-2018)* *€ 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 (principal supervisor in red)

1. *Godijn (2003). Competition and Inhibition in the oculomotor System [cum laude].*
2. *Mortier (2006) Perceptual processing and response selection in visual search*
3. *Martens (2007). The failure to act to important information: where do things go wrong?*
4. *Van der Stigchel (2007) Eye movement Trajectories and what they tell us [cum laude]*
5. *Pinto (2008) Guiding attention in a dynamic environment.*

6. *Van der Burg (2009) Temporal multisensory processing and its effect on attention [cum laude]*
7. *Koelewijn (2009) Audiovisual attention in space*
8. *Mulckhuyse (2009) Conscious and unconscious processing in visual spatial selection*
9. *Munneke (2010) Spatial attention in early visual cortex*
10. *Hickey (2011) Involuntary biases of attention in visual search [cum laude]*
11. *Schreij (2012) Attention to emerging objects*
12. *Mathôt (2013) Visual attention and stability [cum laude]*
13. *Schmidt (2015) Attentional modulation by signals of threat*
14. *Bucker (2017). Reward, a State of Mind: Reward Controls Visual Selective Attention*
15. *V Moorselaar. (2017) From one memory to the next.*
16. *Failing (2017). For What It's Worth: Reward Value Drives Visual Selective Attention*
17. *Boon (2018) Updating Spatial Working Memory in a Dynamic Visual Environment*
18. *Wang (2019): Implicit and Explicit Memory-Attention interactions*
19. *van Es (2019): Brain Space: On the cartography and flexibility of retinotopic representations [cum laude]*
20. *Preciado Vanegas (2020): A sense for value*
21. *McCoy (2020): Visual Attention and Dopamine in Value Based Learning [cum laude]*
22. *van Slooten (2020). The Eye as a Window to Cognition*
23. *Frank van der Horst (2022): Factors affecting the probability of detecting a counterfeit banknote*
24. *Aisu Li (2024) Across Trial Statistical Regularities in visual search [cum laude]*
25. *Changrun Huang (2024). The Breeze of Statistical Learning on Visual Search: Reactive or Proactive Guidance?*
26. *Jessica Heeman (2024). Saliency-Driven Oculomotor Control*
27. *Zhenzhen Xu (2025). Traces in Time and Space: How the Past Guides Attention*
28. *Dock Duncan (2025). The mind is a river [cum laude]*

Past Post-docs

1. *Olivers; now full prof Vrije Universiteit*
2. *Meeter; now full prof Vrije Universiteit*
3. *Nieuwenhuis; now full prof University of Leiden*
4. *Talsma; now associate prof University of Ghent*
5. *Hoppenbrouwers, now assistent prof Erasmus*
6. *Munneke, now assistant prof NorthEastern University Boston USA*
7. *Jahfari; now researcher at the Dutch Police*
8. *Bogaerts: now associate prof University of Ghent*
9. *Richter: Marie Curie fellow Granada University*
10. *Van Moorselaar, now Utrecht University*

Citations and impact on the field

Jan Theeuwes published more than 350 peer reviewed papers

H-index (scholar)= 103
Total number of citations: > 49 500

Labpage: Theeuwes Lab

Committee member of PhD theses (since 2000)

1. Filip Germeys (Leuven) 2000;
2. Fookie Cnossen (Groningen) 2000;
3. Sander Nieuwenhuis (UvA) 2001;
4. Sander Martens (Leiden) 2001;
5. Menno vd Schoot (Clinical Neuropsychology VU) 2001;
6. Caleb Owens (Sydney Australia) 2001;
7. Anouk Scheres (Klinische Neuropsychologie VU) 2002
8. Stefan Huijbregts (Klinische Neuropsychologie VU) 2002;
9. Rogier Landman (UvA) 2003;
10. Valerie Brown (University of Durham, Durham, UK) 2004
11. Paul Khayat (UvA) 2004; Mark Nieuwenstein (Utrecht) 2004
12. Jose van Velzen (Groningen) 2005
13. Jurjen van der Helden (Groningen) 2005;
14. Heleen Slagter (UvA) 2005;
15. Janneke Jehee (UvA) 2005 ;
16. Ryota Kanai (Utrecht) 2005;
17. Catharine van Meel (Klinische Neuropsychologie VU) 2005;
18. Taco Horsley (Klinische Neuropsychologie VU) 2005;
19. Gwendid Van der Voort Van der Kleij (Leiden) 2007;

20. Roos Houtkamp (UvA) 2007;
21. Judith Peters (Maastricht) 2007;
22. Maura Houtenbos (TU Delft) 2007;
23. Yousri Marzouki (Marseille, France) 2007;
24. Jeroen Benjamins (Utrecht) 2007
25. Jasper Wijnen (UvA) 2009
26. Matthias Treder (Nijmegen) 2010
27. Arezoo Pooresmaeili (NIN; Amsterdam) 2010
28. Sabine Born (Geneve) 2010
29. Ilja Sligte (UvA, Amsterdam)
30. Bruno Bocanegra (Rotterdam) 2011
31. Jelmer de Vries (Utrecht) 2011
32. Maria Nordfang (Kopenhagen) 2011
33. Giorgio Tommasi (University of Verona) 2011
34. Femke Maij (Movement Science, VU) 2011
35. Bruno Bocanegra (Erasmus, Rotterdam) 2011
36. Jelmer de Vries (Universiteit Utrecht) 2011
37. Jasper Poort (NIN) 2012
38. Liviu Stanisor (NIN) 2013
39. Annelinde Vandenbroucke (UvA) 2013
40. Niels Gerrits (VUmc) 2015
41. Nathan van der Stoep (Universiteit Utrecht) 2015
42. Anouk de Brouwer (VU-Donders) 2016
43. Aave Hannes (Groningen) 2017
44. Devavrat Vartak (NIN/VU) 2018
45. Mehran Ahmadlou (NIN) 2018
46. Erik Meijs (Radboud Universiteit) 2019
47. Jasper Fabius (Utrecht Universiteit) 2019
48. Katja Olmos Solis (VU) 2019
49. Johan Vos (Technical University Delft) 2024

Professional Services:

Ongoing

- Member of the KNAW (since 2010)
- Member of Koninklijke Hollandsche Maatschappij der Wetenschappen (KHMW) (since 2014)
- ERC advanced evaluation panel (since 2020)

Past

- President *European Society for Cognitive Psychology* (ESCOP) 2017-2018
- Member of the jury of the Heinkenen prize for Cognitive Science (2018-2023)
- Member of the Psychonomics Publication Committee (2012-2018)
- Jury for Wiener Wissenschafts-, Forschungs- und Technologiefonds 2012-2015
- Evaluation committee Haifa University for the Minerva Foundation, Max Planck Society 2012
- KNAW domein jury (2012-2018).
- Member of Scientific Advisory Board TNO- LIFT (2012-2020)
- FWO evaluation panel (2019-2020)
- Member evaluation committee of the Portuguese Science and Technology Foundation (FCT) 2019
- Abstract review committee Vision Science Society (VSS) (2015-2021)

Associate Editor:

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

Consulting Editor:

- *Journal of Experimental Psychology: General* (2008- 2015)
- *Journal of Experimental Psychology: Human Perception & Performance* (1996-2011)
- *Perception & Psychophysics* (1998- present)
- *Visual Cognition* (2005- present)
- *Acta Psychologica* (2005- present)
- *Psychonomic Bulletin and Review* (2007- present)
- *Journal of Eye Movement Research* (2010- present)
- *Journal of Cognition (2017-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

- ERC
- Swiss National Science Foundation (SNSF)
- Science Foundation Ireland
- Research Fund Denmark
- Hong Kong Research Grants Council (RGC).
- Natural Sciences and Engineering Research Council of Canada (NSERC)
- NSF; National Science Foundation, Washington DC
- EURYI Awards
- Nationaal Fonds v Wetenschappelijk Onderzoek, Belgie
- The Israel Science Foundation
- The Ran Naor Foundation
- The Wellcome Trust
- NWO Vici en Vidi grants/ NWO Groot
- DFG - Deutsche Forschungsgemeinschaft
- BBSRC, UK

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

- Opening plenary session at Australasian Road Safety Conference in Cairns, Australia (2023)
- Invited address: Handling Visual Distraction (2022). Ammersee, Germany
- Keynote lecture at TEAP (13-3-2018); Statistical learning drives visual selection
- Invited address at VSSA IV, Ammersee Munich (14-7-2018): Statistical learning drives visual selection
- Int. Forum on Psychological Science and Human Factors; Zhejiang University, Hangzhou China (2018)
- The Gordon research conference , Lewiston, Maine (2017)
- 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, Belguim (1992)

Invited addresses at universities/institutes

1. NYU at Abu Dhabi, UAE (2025)
2. University of Auckland, Auckland, New Zealand (2024)
3. University of New South Wales, Sydney Australia (2024)
4. University of Sydney, Sydney Australia (2024)
5. Queensland University of Technology, Brisbane, Australia (2024)
6. The University of Queensland, Brisbane, Australia (2024)
7. University of Granada, Granada, Spain (2023)
8. Universidad do Minho, Braga, Portugal (2023)
9. Hong Kong University, Hong Kong, China (2023)
10. Shenzhen University, Shenzhen, China (2023)
11. Sichuan Normal University, Chengdu, China (2023
12. Nanjing University, Nanjing China (2023)
13. Zhejang University, Hangzhou, China (2023)
14. Université de Liège, Belgium (2022)
15. University of Granada, Granada, Spain (2019)
16. Universidade do Minho, Braga, Portugal (2019)
17. Basque Center on Cognition, Brain and Language, San Sebastian, Spain (2018)
18. Universität Trier, Germany (2018)
19. East China Normal University Shanghai (2018)
20. Zhejiang Normal university, Jinhua, China (2018)
21. Zhejiang University, Hangzhou, China (2018)
22. Qatar University, Doha, Qatar (2017)
23. Hangzhou Normal University, Hangzhou, China (2015)
24. University of Peking, Beijing, China (2014)
25. University of Western Ontario, Ontario, Canada (2013)
26. University of Sydney, Sydney, Australia (2013)
27. Kobe University, Kobe, Japan (2013)
28. University of New South Wales, Sydney, Australia (2013)
29. University of Peking (2013)
30. Aix-Marseille Université, Laboratoire de Psychologie Cognitive, Marseille (2012)
31. University of Magdeburg, Germany (2012)
32. Tel Aviv University (2010)
33. University College London (2009)
34. Ludwig Maximillian University, Munchen, Germany (2009)
35. University of Ghent, Belgium (2009)
36. University of Bielefeld, Germany (2009)
37. University of Geneva, Geneva, Switzerland (2008)
38. University of Oregon, Eugene, Or, USA (2008)
39. Northwestern University, Evanston, USA (2008)
40. University of Iowa, Iowa, USA (2008)
41. University of Illinois, Urbana Champaign, USA (2008)
42. University of Washington, Seattle, WA, USA (2007)
43. Simon Frasier University Burnaby, Canada (2007)
44. University of Ghent, Ghent, Belgium (2007)
45. Yale University, New Haven, USA (2006)
46. University of Melbourne, Australia (2006)
47. University of Hong Kong, Hong Kong (2006)
48. University of Wales, Bangor UK (2005)
49. University of Durham, Durham, UK (2004)
50. University of Minnesota, Minneapolis, MN, USA (2002)
51. Queen's University Kingston Ontario Canada (2002)
52. Max Planck Institute for Psychological Research. Munchen, Germany (2001)
53. Aix-on-Provence, France (2001)
54. University of Toronto, Toronto, Canada (2000)
55. University of Iowa, Iowa, USA (2000)
56. Max Planck Institute for Psychological Research. Munchen, Germany (2000)
57. University of Aachen, Aachen, Germany (1999)
58. University of Leipzig, Leipzig, Germany (1999).
59. Indiana University, Bloomington, IN, USA (1997)
60. Vanderbilt University, Nashville, TN, USA (1997)
61. University of Kansas, Lawrence, KS, USA (1997)
62. Erasmus University, Medical Physics, Rotterdam (1997)
63. Washington University, St Louis, MI, USA (1996)
64. University of Illinois, Champaign, IL, USA (1996)
65. Tilburg University, Tilburg, The Netherlands (1996)

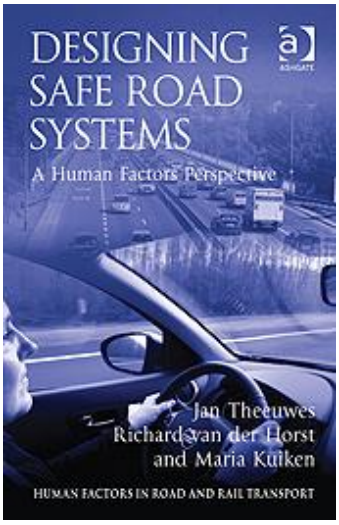
66. Harvard University, Cambridge, MA, USA (1996)
67. Nissan Cambridge Basic Research, Cambridge, MA, USA (1996)
68. NICI, University of Nijmegen, Nijmegen, The Netherlands (1995)
69. Uni of Michigan, Transportation Research Institute, Ann Arbor, USA (1995)
70. Max Planck Institute fuer Psychologische Forschung, Munchen (1994)
71. Utrecht University, Utrecht Biophysics Res. Inst., Utrecht, The Netherlands (1994)
72. Royal Dutch Institute for Engineers, Eindhoven (1994)
73. International Seminar Human Factors in Road Traffic 1, Braga, Portugal (1993)
74. University of Illinois, Champaign, Ill, USA (1993)
75. Visual Science Center, University of Chicago, Chicago, USA (1993)
76. Johns Hopkins University, Baltimore, USA (1993)
77. University of Brauwnschweig, Brauwnschweig, Germany (1992)
78. University of Amsterdam, Amsterdam, The Netherlands (1992)
79. General Motors Systems Engineering, Troy, Michigan, USA (1991)
80. University of Michigan, Ann Arbor, Michigan, USA (1991)
81. NASA- Ames Research Centre, Moffett Field, Carifornia, USA (1991)
82. IPO Institute voor Perception Research, Eindhoven (1990)
83. University of Leuven, Leuven, Belgium (1990)
84. Université René Descartes, Paris, France (1990)

SYMPOSIA

- Symposium at Vision Science Society, Napels 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

2026

Theeuwes, J. (2026). 35+ years of the additional singleton task: Design features and guidelines. Attention, Perception, & Psychophysics, 88(5), Article 119. https://doi.org/10.3758/s13414-026-03259-y

Chow, J. Y. L., Garner, K. G., Pearson, D., Theeuwes, J., & Le Pelley, M. E. (2026). Delaying reward feedback does not increase the influence of information on attentional priority in visual search. Cognition, 271, Article 106447. https://doi.org/10.1016/j.cognition.2026.106447

Wang, D., Arora, K., Theeuwes, J., Van der Stigchel, S., Gayet, S., & Chota, S. (2026). Dynamic competition between bottom-up saliency and top-down goals in early visual cortex. Communications Biology, 9, Article 779. https://doi.org/10.1038/s42003-026-09992-2

Xu, Z., Ivory, I. A. M., Tomar, D. P. S., Theeuwes, J., & Los, S. A. (2026). Incidental learning of time–event relationships across processing stages. Journal of Experimental Psychology: Human Perception and Performance. Advance online publication. https://doi.org/10.1037/xhp0001407

Duncan, D. H., van Moorselaar, D., & Theeuwes, J. (2026). Learning alters salience and proactive attentional priority. Communications Psychology, 4, Article 57. https://doi.org/10.1038/s44271-026-00411-0

Cao, Y., Chen, F., Wang, H., Weng, X., Theeuwes, J., & Wang, B. (2026). Neural mechanisms of feature binding in working memory. Communications Biology, 9, Article 270. https://doi.org/10.1038/s42003-026-09548-4

de Waard, J., & Theeuwes, J. (2026). Beyond top-down: Feature search as a serial clump-wise process. Cognition, 266, Article 106334. https://doi.org/10.1016/j.cognition.2025.106334

Yao, J., Snell, J., & Theeuwes, J. (2026). Age-related preservation of statistical learning in distractor suppression. Psychology and Aging, 41(1), 25–35. https://doi.org/10.1037/pag0000922

Ilksoy, Y. A., van Moorselaar, D., Wang, B., Los, S. A., & Theeuwes, J. (2026). Distractor suppression operates exclusively in retinotopic coordinates. Journal of Experimental Psychology: Human Perception and Performance, 52(1), 30–43. https://doi.org/10.1037/xhp0001375

2025

Chen, Y., Liu, T., Jia, K., Theeuwes, J., & Gong, M. (2025). Dual-format attentional template during preparation in human visual cortex. eLife, 13, RP103425.

de Waard, J., Theeuwes, J., & Bogaerts, L. (2025). Taking time: Auditory statistical learning benefits from distributed exposure. Psychonomic Bulletin & Review, 1-10.

Duncan, D. H., Forschack, N., van Moorselaar, D., Müller, M. M., & Theeuwes, J. (2025). Learning modulates early encephalographic responses to distracting stimuli: a combined SSVEP and ERP study. Journal of Neuroscience, 45(21).

Duncan, D. H., & Theeuwes, J. (2025). 40 ms matters. Behavioral and Brain Sciences, 48, e138.

Duncan, D. H., Van Moorselaar, D., & Theeuwes, J. (2025). Visual statistical learning requires attention. Psychonomic Bulletin & Review, 32(3), 1240-1253.

Engelbert, L. H., van Elk, M., Theeuwes, J., & van Vugt, M. (2025). The influence of charismatic leadership on followers' attentional processes. The Leadership Quarterly, 101854.

Heeman, J., White, B. J., Van der Stigchel, S., Theeuwes, J., Itti, L., & Munoz, D. P. (2025). Saliency response in superior colliculus at the future saccade goal predicts fixation duration during free viewing of dynamic scenes. Journal of Neuroscience, 45(3).

Huang, C., van Moorselaar, D., Foster, J., Donk, M., & Theeuwes, J. (2025). Neural mechanisms of learned suppression uncovered by probing the hidden attentional priority map. eLife, 13, RP98304.

Ilksoy, Y. A., van Moorselaar, D., Los, S. A., & Theeuwes, J. (2025). Object-centered spatial learning in dynamic contexts: History-driven distractor suppression and target enhancement. Journal of Experimental Psychology: Human Perception and Performance.

Li, A.-S., Theeuwes, J., & Zhang, Y. (2025). Priority states modulate attentional interference from visual working memory representations: Electrophysiological evidence. Biological Psychology, 109080.

Liesefeld, H. R., Lamy, D., Theeuwes, J., & Müller, H. J. (2024). Handling visual distraction–An introduction and overview. In (Vol. 32, pp. 701-707): Taylor & Francis.

Oxner, M., van Moorselaar, D., Müller, M. M., & Theeuwes, J. (2025). A flash in the pan? Distractor suppression cannot be inferred from the early lateralized positivity. Journal of Cognitive Neuroscience, 1-19.

Richter, D., van Moorselaar, D., & Theeuwes, J. (2025). Proactive distractor suppression in early visual cortex. eLife, 13, RP101733.

Schmalbrock, P., Theeuwes, J., & Frings, C. (2025). Habituation in Predictability-Modulations of Stimulus-Response Binding. Journal of Cognition, 8(1), 27.

Theeuwes, J. (2025). Attentional capture and control. Annual Review of Psychology, 76.

Theeuwes, J., van Doorn, J., & van Moorselaar, D. (2025). Suppression of fear-conditioned stimuli. Emotion.

Theeuwes, J., & van Moorselaar, D. (2024). Learning to suppress what I fear. Emotion.

van Moorselaar, D., Theeuwes, J., & Van der Stigchel, S. (2025). Alpha-Band Activity Tracks Reflexive Changes in the Breadth of the Zoom Lens of Attention. Journal of Neuroscience, 45(44).

van Moorselaar, D., Wang, N., & Theeuwes, J. (2025). Differential Neural Mechanisms Underlying Inhibition of Color and Dynamic Motion Distractors. Journal of Cognitive Neuroscience, 37(3), 543-554.

Xu, Z., Theeuwes, J., & Los, S. A. (2025). Statistical learning of spatiotemporal target regularities in the absence of saliency. Attention, Perception, & Psychophysics, 87(2), 431-444.

Zhang, Y., Chen, J., Woodman, G. F., Lin, R., Chen, F., Weng, X., Jensen, O., Theeuwes, J., & Wang, B. (2025). Automaticity speeds the retrieval of instances from the human hippocampus. Proceedings of the National Academy of Sciences, 122(44), e2518523122.

Zhou, Y., Wang, L., Li, X., Theeuwes, J., & Wang, B. (2025). Presearch Attentional Focus Supports Learned Suppression in Visual Search. Journal of Cognitive Neuroscience, 1-10.

2024

Duncan, D. H., & Theeuwes, J. (2024). Secondary capture: Salience information persistently drives attentional selection. Journal of Experimental Psychology: Human Perception and Performance, 50(9), 942.

Engelbert, L. H., Van Elk, M., Theeuwes, J., & van Vugt, M. (2024). The Role of Charismatic Leadership Tactics and Inconsistent Messages in Processing and Evaluating Climate Change Information. Collabra: Psychology, 10(1), 121431.

Heeman, J., Theeuwes, J., & Van der Stigchel, S. (2024). The adaptive global effect: Luminance contrast modulates the global effect zone. Vision Research, 222, 108454.

Huang, C., van Moorselaar, D., Foster, J., Donk, M., & Theeuwes, J. (2024). Pinging the Hidden Attentional Priority Map: Suppression Needs Attention. eLife, 13, RP98304.

Ivanov, Y., Theeuwes, J., & Bogaerts, L. (2024). Reliability of individual differences in distractor suppression driven by statistical learning. Behavior Research Methods, 56(3), 2437-2451.

Li, A.-S., van Moorselaar, D., & Theeuwes, J. (2024). Attending is not enough: Responding to targets is needed for across-trial statistical learning. Attention, Perception, & Psychophysics, 86(6), 1963-1973.

Li, A.-S., Theeuwes, J. & van Moorselaar, D., (2024). Neural representations of predicted events: Evidence from time-resolved EEG decoding. eLife13:RP95837

Lin, R., Meng, X., Chen, F., Li, X., Jensen, O., Theeuwes, J., & Wang, B. (2024). Neural evidence for attentional capture by salient distractors. Nature Human Behaviour, 8(5), 932-944.

Liesefeld, H.R., Lamy, D., Gaspelin, N. et al. (2024). Terms of debate: Consensus definitions to guide the scientific discourse on visual distraction. Attention, Perception & Psychophysics, 86, 1445–1472.

Pearson, D., Chong, A., Chow, J. Y. L., Garner, K. G., Theeuwes, J., & Le Pelley, M. E. (2024). Uncertainty-modulated attentional capture: Outcome variance increases attentional priority. *Journal of Experimental Psychology: General, 153*(6), 1628–1643.

Theeuwes, J., Huang, C., Frings, C., & Van Moorselaar, D. (2024). Statistical learning of motor preparation. Journal of Experimental Psychology: Human Perception and Performance, 50(2), 152.

Theeuwes, J., Snell, J., Koning, T., & Bucker, B. (2024). Self-Explaining Roads: Effects of road design on speed choice. Transportation research part F: traffic psychology and behaviour, 102, 335-361.

Theeuwes, J., & van Moorselaar, D. (2024). Learning to suppress what I fear. Emotion.

Van Moorselaar, D., & Theeuwes, J. (2024). Spatial transfer of object-based statistical learning. Attention, Perception, & Psychophysics, 86, 768-775.

van Moorselaar, D., & Theeuwes, J. (2024b). Transfer of statistical learning between tasks. Journal of Experimental Psychology: Human Perception and Performance, *50*(7), 740–751.

Walker, F., Bucker, B., Snell, J., Anderson, N., Pilz, Z., Houwaart, K., . . . Theeuwes, J. (2024). Age-adapted painting descriptions change the viewing behavior of young visitors to the Rijksmuseum. Scientific Reports, 14(1), 22880.

Wang, B., & Theeuwes, J. (2024). Salient distractor processing: inhibition following attentional capture. Trends in Cognitive Sciences.

2023

de Waard, J., van Moorselaar, D., Bogaerts, L., & Theeuwes,. J (2023). Statistical learning of distractor locations is dependent on task context. Scientific Report, 13, 11234.

Duncan, D. H., van Moorselaar, D., & Theeuwes, J. (2023). Pinging the brain to reveal the hidden attentional priority map using encephalography. Nature Communications, 14(1), 4749.

Engelbert, L. H., Van Elk, M., Van Vugt, M., Theeuwes, J., & Kandrik, M. (2023). The effect of charismatic leaders on followers' memory, error detection, persuasion and prosocial behavior: A cognitive science approach. The Leadership Quarterly, 34(3), 101656.

Gao, Y., de Waard, J., & Theeuwes. J. (2023). Learning to suppress a location is configuration-dependent. Attention, Perception, & Psychophysics 85, 2170–2177.

Huang, C., Donk, M. & Theeuwes, J. (2023) Attentional suppression is in place before display onset. Attention Perception Psychophysics, 85, 1012–1020.

Ivanov, Y., Theeuwes, J. & Bogaerts, L., (2023). Reliability of individual differences in distractor suppression driven by statistical learning. Behavior Research Methods, 1-15

Li, AS., Bogaerts, L. & Theeuwes, J. (2023). No evidence for spatial suppression due to across-trial distractor learning in visual search. Attention Perception Psychophysics, 85, 1088–1105.

Snell, J., Mirault, J., Theeuwes, J., & Grainger, J. (2023). Readers use word length information to determine word order. Journal of Experimental Psychology: Human Perception and Performance,

Theeuwes, J. & Bucker, B. (2023). Ontwerp een geloofwaardige rijsnelheid. Verkeerskunde, 1, 36-37..

Theeuwes, J. (2023) The Attentional Capture Debate: When Can We Avoid Salient Distractors and When Not? Journal of Cognition, 6 (1): 35-39.

Theeuwes, J. (2023). The Attentional Window, Search Difficulty and Search Modes: A Reply to Commentaries on Theeuwes (2023). Journal of Cognition, 6 (1): 40-43.

Van Moorselaar, D., Huang, C., & Theeuwes, J. (2023) Electrophysiological indices of distractor processing in visual search are shaped by target expectations. Journal of Cognitive Neuroscience, 35 (6): 1032-1044.

Van Moorselaar, D., & Theeuwes, J. (2023). Statistical Learning Within Object. Psychological Science, 34 (4): 501-511.

Xu, Z., Theeuwes, J., & Los, S. A. (2023). Statistical learning of spatiotemporal regularities dynamically guides visual attention across space. Attention, Perception, & Psychophysics, 85, 1054-1072.

2022

Bogaerts, L., van Moorselaar, D., & Theeuwes, J. (2022). Does it help to expect distraction? Attentional capture is attenuated by high distractor frequency but not by trial-to-trial predictability. Journal of Experimental Psychology: Human Perception and Performance, 48(3), 246–261.

de Waard, J., Bogaerts, L., van Moorselaar, D., & Theeuwes, J. (2022). Surprisingly inflexible: Statistically learned suppression of distractors generalizes across contexts. Attention, Perception, & Psychophysics, 84(2), 459–473.

Gao, Y., & Theeuwes, J. (2022). Learning to suppress a location does not depend on knowing which location. Attention, Perception, & Psychophysics, 84, 1087–1097

Huang, C., Donk, M., & Theeuwes, J. (2022). Proactive enhancement and suppression elicited by statistical regularities in visual search. Journal of Experimental Psychology: Human Perception and Performance, 48(5), 443–457.

Le Pelley, M. E., Ung, R., Mine, C., Most, S. B., Watson, P., Pearson, D., & Theeuwes, J. (2022). Reward learning and statistical learning independently influence attentional priority of salient distractors in visual search. Attention, Perception, & Psychophysics, 84 (5), 1446-1459

Li, A. S., Bogaerts, L., & Theeuwes, J. (2022). Statistical learning of across-trial regularities during serial search. Journal of Experimental Psychology: Human Perception and Performance, 48(3), 262- 274.

Liu, B., Li, X., Theeuwes, J., Wang, B (2022). Long-term memory retrieval bypasses working memory. Neuroimage, 26: 119513.

Theeuwes, J., Bogaerts, L., & van Moorselaar, D. (2022). What to expect where and when: how statistical learning drives visual selection. Trends in Cognitive Sciences, 26 (10): 860-872

van Moorselaar, D., & Theeuwes, J. (2022). Spatial suppression due to statistical regularities in a visual detection task. Attention, Perception, & Psychophysics, 84, 450–458.

Wöstmann, M., Störmer, V. S., Obleser, J., Addleman, D. A., Andersen, S. K., Gaspelin, N., Geng, J. J., Luck, S. J., Noonan, M. P., Slagter, H. A., & Theeuwes, J. (2022). Ten simple rules to study distractor suppression. Progress in Neurobiology, 213, 102269.

Zhang, Y., Yang, Y., Wang, B., & Theeuwes, J. (2022). Spatial enhancement due to statistical learning tracks the estimated spatial probability. Attention, Perception, & Psychophysics, 84(4):1077–1086.

2021

Gong, D. & Theeuwes, J. (2021) A saliency-specific and dimension-independent mechanism of distractor suppression. Attention, Perception, & Psychophysics 83 (1), 292-307.

Huang, C., Vilotijević, A., Theeuwes, J., & Donk, M. (2021) Proactive distractor suppression elicited by statistical regularities in visual search Psychonomic Bulletin & Review, 28,918-927.

Huang, C., Theeuwes, J., & Donk, M. (2021). Statistical learning affects the time courses of salience-driven and goal-driven selection. Journal of Experimental Psychology: Human Perception and Performance, 47(1), 121–133.

Imants, P., Theeuwes, J., Bronkhorst, A.W. & Martens, M.H. (2021). Effect of multiple traffic information sources on route choice: A driving simulator study. Transportation Research Part F: Traffic Psychology and Behaviour, 81, 1-13.

Ivanov, Y., & Theeuwes, J. (2021) Distractor suppression leads to reduced flanker interference. Attention, Perception, & Psychophysics 83 (2), 624-636.

Lin, R. Li, X. Wang, B. & Theeuwes J. (2021) Spatial suppression due to statistical learning tracks the estimated spatial probability Attention, Perception, & Psychophysics 83 (1), 283-291.

Luck, S.J., Gaspelin, N., Folk, C.L., Remington, R.W., & Theeuwes, J. (2021) Progress toward resolving the attentional capture debate. Visual Cognition 29 (1), 1-21.

Munneke, J., Fahrenfort, J.J., Sutterer, D., Theeuwes, J., & Awh, E. (2021) Multivariate analysis of EEG activity indexes contingent attentional capture. NeuroImage 226, 117562.

Theeuwes, J. (2021) Self-explaining roads: What does visual cognition tell us about designing safer roads? Cognitive research: principles and implications 6 (1), 1-15.

Theeuwes, J. (2021). Response to commentaries to Luck et al. (2021). Progress toward resolving the attentional capture debate. Visual Cognition, 29(9), 637–643.

Van der Horst F., Snell J., & Theeuwes J. (2021). Enhancing banknote authentication by guiding attention to security features and manipulating prevalence expectancy. Cognitive Research Principles and Implications.13;6(1):73-80.

Van Moorselaar, D., & Theeuwes, J. (2021). Statistical distractor learning modulates perceptual sensitivity. Journal of Vision, 21(12), 3.

Wang, L., Wang, B., & Theeuwes, J. (2021). Across-trial spatial suppression in visual search. Attention, Perception, & Psychophysics, 83(7), 2744–2752.

Xu, Z., Los, S. A., & Theeuwes, J. (2021). Attentional suppression in time and space. Journal of Experimental Psychology: Human Perception and Performance, 47(8), 1056–1062.

2020

Duncan, D. & Theeuwes, J. (2020). Statistical learning in the absence of explicit top-down attention, Cortex, 131, 54-65.

Gao, Y., & Theeuwes, J. (2020). Learning to suppress a distractor is not affected by working memory load. Psychonomic Bulletin & Review, 27(1), 96–104.

Failing, M., & Theeuwes, J. (2020). More capture, more suppression: Distractor suppression due to statistical regularities is determined by the magnitude of attentional capture. Psychonomic Bulletin & Review, 27(1), 86-95.

Gao, Y., & Theeuwes, J. (2020a). Independent effects of statistical learning and top-down attention. Attention, Perception, & Psychophysics, 82, 3895-3906

Gao, Y., & Theeuwes, J. (2020b). Learning to suppress a distractor is not affected by working memory load. Psychonomic Bulletin & Review, 27(1), 96–104

Jahfari, S., Theeuwes, J., & Knapen, T. (2020). Learning in visual regions as support for the bias in future value-driven choice. Cerebral Cortex, 30(4), 2005–2018.

Kong S, Li X, Wang B, Theeuwes J (2020) Proactively location-based suppression elicited by statistical learning. PLOS ONE 15(6): e0233544

Li, A.S., & Theeuwes, J. (2020). Statistical regularities across trials bias attentional selection. Journal of Experimental Psychology: Human Perception and Performance, 46(8), 860–870.

Li, X., Xiong, Z., Theeuwes, J., & Wang, B. (2020). Visual memory benefits from prolonged encoding time regardless of stimulus type. Journal of Experimental Psychology: Learning, Memory, and Cognition, 46(10), 1998–2005.

Snell, J., & Theeuwes, J. (2020). A story about statistical learning in a story: Regularities impact eye movements during book reading. Journal of Memory and Language, 113, 104127.

Theeuwes, J. & Failing., M. (2020) Attentional Selection: Top-Down, Bottom-Up and History-Based Biases. Elements in Perception. Cambridge University Press

Wang, B., & Theeuwes, J. (2020). Implicit attentional biases in a changing environment. Acta Psychologica, 206: 1-10

Wang, B., & Theeuwes, J. (2020). Salience determines attentional orienting in visual selection. Journal of Experimental Psychology: Human Perception and Performance, *46*(10), 1051–1057.

Watson, P., Pearson, D., Theeuwes, J., Most, S. B., & Le Pelley, M. E. (2020). Delayed disengagement of attention from distractors signalling reward. Cognition, 195, 104125.

Van der Horst, F., Snell, J. & Theeuwes (2020). Finding counterfeited banknotes: the roles of vision and touch". Cognitive Research: Principles and Implications 5, Article No: 40.

2019

Boon, P. J., Theeuwes, J., & Belopolsky, A. V. (2019). Updating spatial working memory in a dynamic visual environment. Cortex, 119, 267–286,

Di Caro, V., Theeuwes, J., & Della Libera, C. (2019) Suppression history of distractor location biases attentional and oculomotor control, Visual Cognition, 27:2, 142-157

Failing, M., & Theeuwes, J. (2019) More capture, more suppression: Distractor suppression due to statistical regularities is determined by the magnitude of attentional capture. Psychonomic Bulletin & Review. doi:10.3758/s13423-019-01672-z

Failing, M., Feldmann-Wüstefeld, T., Wang, B., Olivers, C., & Theeuwes, J. (2019). Statistical regularities induce spatial as well as feature-specific suppression. Journal of Experimental Psychology: Human Perception and Performance, 45(10), 1291–1303.

Failing, M., Wang, B., & Theeuwes, J. (2019a). Spatial suppression due to statistical regularities is driven by distractor suppression not by target activation. Attention, Perception, & Psychophysics, 81, 1405–1414

Gao Y., & Theeuwes J. (2019). Learning to suppress a distractor is not affected by working memory load. Psychonomic Bulletin & Review, 27 (1), 96-104

Heeman, J., Van der Stigchel, S., Munoz, D.P., & Theeuwes, J. (2019). Discriminating between anticipatory and visually triggered saccades: measuring minimal visual saccadic response time using luminance. Journal of Neurophysiology, 121:6, 2101-2111

McCoy, B., Jahfari, S., Engels, G., Knapen, T. & Theeuwes, J. (2019) Dopaminergic medication reduces striatal sensitivity to negative outcomes in Parkinson's disease. Brain 142 (11), 3605-3620

Theeuwes, J. (2019). Goal-Driven, Stimulus-Driven and History-Driven selection. Current Opinion in Psychology, 29, 97-101.

Van der Burg, E. Cass, J., & Theeuwes, J. (2019) Changes (but not differences) in motion direction fail to capture attention. Vision Research 165, 54-63.

Van Moorselaar, D., Theeuwes, J., & Olivers, C.N.L. (2019) Memory-based attentional biases survive spatial suppression driven by selection history, Visual Cognition, 27:3-4, 343-350.

Wang, B., van Driel, J., Ort, E., & Theeuwes, J. (2019). Anticipatory distractor suppression elicited by statistical regularities in visual search. Journal of Cognitive Neuroscience, 31 (10), 1535-1548

Wang, B., Samara, I., & Theeuwes J. (2019). Statistical regularities bias overt attention. Attention Perception and Psychophysics; 81(6):1813-1821.

Wang, B., Theeuwes, J. , & Olivers, C.N.L. (2019) Momentary, Offset-Triggered Dual-Task Interference in Visual Working Memory. Journal of Cognition 2(1): 38, 1–12.

Watson P., Pearson D., Chow M., Theeuwes J., Wiers R.W., Most S.B., & Le Pelley, M.E. (2019) Capture and control: Working memory modulates attentional capture by reward-related stimuli. Psychological Science. 2019; 30 (8):1174–85.

Watson, P., Pearson, D., Most, S.B., Theeuwes, J., Wiers, R.W., & Le Pelley, M.E. (2019). Attentional capture by Pavlovian reward-signalling distractors in visual search persists when rewards are removed. PLoS One 14 (12), e0226284

2018

Boon, P. J., Zeni, S., Theeuwes, J., & Belopolsky, A. (2018). Rapid updating of spatial working memory across saccades. Scientific Reports, 8(1), 1072.

Bucker, B., & Theeuwes, J. (2018). Stimulus-driven and goal-driven effects on Pavlovian associative reward learning. Visual Cognition, 26, 131-148.

Engels, G., McCoy, B., Vlaar, A. et al. (2018. Clinical pain and functional network topology in Parkinson's disease: a resting-state fMRI study. Journal of Neural Transmission 125 (10) 1449-1459.

Failing, M. & Theeuwes, J. (2018). Selection history: How reward modulates selectivity of visual attention. Psychonomic Bulletin & Review, 25, 514–538

McCoy, B & Theeuwes, J. (2018) Overt and covert attention to location-based reward. Vision Research, 142: 27-39

Munneke, J., Hoppenbrouwers, S.S. Little, B. Kooiman, k. Van der Burg, E. & Theeuwes, J. (2018). Comparing the response modulation hypothesis and the integrated emotions system theory: The role of top-down attention in psychopathy. Personality and Individual Differences, 122, 134-139

Preciado, D. & Theeuwes, (2018) To look or not to look? Reward, selection history, and oculomotor guidance. Journal of Neurophysiology, 120(4), 1740-1752.

Theeuwes, J. (2018). Visual Selection: Usually Fast and Automatic; Seldom Slow and Volitional. Journal of Cognition, 1(1), 29.

Theeuwes, J. (2018). Visual Selection: Usually Fast and Automatic; Seldom Slow and Volitional: A reply to the commentaries. Journal of Cognition, 1(1), 21.

van Es, D. M., Theeuwes, J., & Knapen, T. (2018). Spatial sampling in human visual cortex is modulated by both spatial and feature-based attention. eLife, 7, e36928.

van Moorselaar D, Foster JJ, Dutterer DW, Theeuwes J, Olivers CNL, Awh E. (2018). Spatially selective alpha oscillations reveal moment-by-moment trade-offs between working memory and attention. Journal of Cognitive Neuroscience, 30:256-266.

van Moorselaar, D., Gayet, S., Paffen, C. L. E., Theeuwes, J., Van der Stigchel, S., & Olivers, C. N. L. (2017). Competitive interactions in visual working memory drive access to awareness. Cortex, 102, 6-13.

Van Slooten JC, Jahfari S, Knapen T, Theeuwes J (2018) How pupil responses track value-based decision-making during and after reinforcement learning. PLoS Computational Biology 14(11): e1006632.

Wang, B., & Theeuwes, J. (2018a). Statistical regularities modulate attentional capture. Journal of Experimental Psychology: Human Perception and Performance, 44(1), 13–17.

Wang, B., & Theeuwes, J. (2018b). How to inhibit a distractor location? Statistical learning versus active, top-down suppression. Attention Perception and Psychophysics. 80 (4): 860-870

Wang, B. & Theeuwes, J. (2018c). Statistical regularities modulate attentional capture independent of search strategy. Attention Perception and Psychophysics. 80 (7): 1763-1774.

Wang, L., Li, S., Zhou, X., & Theeuwes, J. (2018). Stimuli that signal the availability of reward break into attentional focus. Vision Research, 144, 20–28

2017

Boon, P.J., Theeuwes, J. & Belopolsky, A.V. (2017) Eye abduction reduces but does not eliminate competition in the oculomotor system. Journal of Vision, 17: 15. doi:10.1167/17.5.15

Bucker, B. & Theeuwes, J. (2017) Pavlovian reward learning underlies value driven attentional capture. Attention Perception and Psychophysics 79, 2, 415–428. doi:10.3758/s13414-016-1241-1

Failing, M & Theeuwes, J. (2017). Don't let it distract you: how information about the availability of reward affects attentional selection. Attention, Perception & Psychophysics, 79(8):2275-2298. doi: 10.3758/s13414-017-1376-8.

Heeman J, Van der Stigchel S, Theeuwes J (2017) The influence of distractors on express saccades. Journal of Vision 17:35. doi:10.1167/17.1.35

Hoppenbrouwers, S.S., Munneke, J. Kooiman, K.A., Little, B. Neumann, C.S. & Theeuwes, J. (2017) Fearful faces do not lead to faster attentional deployment in individuals with elevated psychopathic traits. Journal of psychopathology and behavioral assessment 39 (4), 596-604 DOI 10.1007/s10862-017-9614-xct Factor

Jahfari, S. & Theeuwes, J. (2017). Sensitivity to value-driven attention is predicted by how we learn from value. Psychonomic Bulletin & Review, 24: 408-415 DOI 10.3758/s13423-016-1106-6

Klink, P.C., Jeurissen, D., Theeuwes, J., Denys, D., & Roelfsema, P.R. (2017) Working memory accuracy for multiple targets is driven by reward expectation and stimulus contrast with different time-courses. Scientific Reports 7: 9082 doi:10.1038/s41598-017-08608-4

Nissens, T. Failing, M. & Theeuwes, J. (2017) People look at the object they fear: oculomotor capture by stimuli that signal threat, Cognition and Emotion, 31:8, 1707-1714, DOI: 10.1080/02699931.2016.1248905

Preciado D, Munneke J, & Theeuwes J. (2017) Was That a Threat? Attentional Biases by Signals of Threat. Emotion, 17(3), 478-486. http://dx.doi.org/10.1037/emo0000246

Preciado, D. Munneke, J. & Theeuwes, J. (2017) Mixed signals: The effect of conflicting reward-and goal-driven biases on selective attention. Attention, Perception, & Psychophysics, 79 (5): 1297–1310. doi: 10.3758/s13414-017-1322-9.

Schmidt, L. J., Belopolsky, A. V., & Theeuwes, J. (2017). The time course of attentional biases to cues of threat and safety. Cognition and Emotion, 31(5):845-857 10.1080/02699931.2016.1169998

Slotboom J, Hoppenbrouwers S.S., Bouman Y.H., In 't Hout W, Sergiou C., van der Stigchel S., Theeuwes J. (2017) Visual attention in violent offenders: Susceptibility to distraction. Psychiatry Research 251, 281-286.

Van Slooten, J., Jahfari, S., Knapen, T., & Theeuwes, J. (2017) Individual differences in eye blink rate predict both transient and tonic pupil responses during reversal learning. PloS one 12 (9), e0185665. //doi.org/10.1371/journal.pone.0185665

Walker F., Bucker B., Anderson, N.C., Schreij, D., Theeuwes, J. (2017) Looking at paintings in the Vincent Van Gogh Museum: Eye movement patterns of children and adults. PLoS ONE 12(6): e0178912. https://doi.org/10.1371/journal.pone.0178912

2016

Wang, B., Yan, C., Wang, Z., Olivers, C. N. L., & Theeuwes, J. (2016). Adverse orienting effects on visual working memory encoding and maintenance. Psychonomic Bulletin & Review, 24(4):1261-1267; doi:10.3758/s13423-016-1205-4

Wang, B., Cao, X., Theeuwes, J., Olivers, C. N. L., & Wang, Z. (2016). Separate Capacities for Storing Different Features in Visual Working Memory. Journal of Experimental Psychology: Learning, Memory, and Cognition, 43(2):226-236. doi: //dx.doi.org/10.1037/ xlm0000295

Boon, P.J., Belopolsky, A.V., & Theeuwes, J. (2016) The Role of the Oculomotor System in Updating Visual-Spatial Working Memory across Saccades. PloS one 11 (9), e0161829 dx.doi.org/10.1371/journal.pone.0161829

Bucker B., & Theeuwes J. (2016) Appetitive and aversive outcome associations modulate exogenous cueing. Attention, Perception, & Psychophysics, 78(7):2253-65. DOI 10.3758/s13414-016-1107-6

Failing M, & Theeuwes J (2016) Reward alters the perception of time. Cognition 148:19–26. DOI http://dx.doi.org/10.1016/j.cognition.2015.12.005

Gayet, S., Paffen, C.L.E., Belopolsky, A., Theeuwes, J., & Van der Stigchel, S. (2016). Visual input signaling threat gains preferential access to awareness in a breaking continuous flash suppression paradigm, Cognition, 149, 77-83. 10.1016/j.cognition.2016.01.009

Heeman, J., Nijboer, T.C.W., Van der Stoep, N., Theeuwes, J., & Van der Stigchel, S. (2016). Oculomotor interference of bimodal distractors. Vision Research, 123, 46-55. DOI http://dx.doi.org/10.1016/j.visres.2016.04.002

Hoppenbrouwers, S.S., Van der Stigchel, S., Sergiou, C.S., & Theeuwes, J. (2016). Top-down attention and selection history in psychopathy: evidence from a community sample, Journal of Abnormal Psychology, 125, 435-441. 10.1037/abn0000133

Kilpeläinen M, & Theeuwes J (2016) Efficient Avoidance of the Penalty Zone in Human Eye Movements. PLoS ONE 11(12): e0167956. doi:10.1371/journal.pone.0167956

Knapen T., , De Gee J.W., , Brascamp J., , Nuiten S., , Hoppenbrouwers S., , & Theeuwes J. (2016). Cognitive and ocular factors jointly determine pupil responses under equiluminance. PLoS One, 11, e0155574. doi: 10.1371/journal.pone.0155574 .

McCoy, B., & Theeuwes, J. (2016). The effects of reward on oculomotor control. Journal of Neurophysiology, 116, 2453-2466 . DOI: 10.1152/jn.00498.2016

Moorselaar, D., Theeuwes, J., & Olivers, C. N. L. (2016). Learning changes the attentional status of prospective memories. Psychonomic Bulletin & Review, 23, 1483-1490 DOI: 10.3758/s13423-016-1008-7

Munneke, J Belopolsky, A.V. & Theeuwes, J. (2016) Distractors associated with reward break through the focus of attention. Attention, Perception, & Psychophysics, 78, 2213-2225. DOI 10.3758/s13414-016-1075-x

Pearson, D., Osborn, R., Whitford, T.J., Failing, M., Theeuwes, J. & LePelley, M. (2016) Value-modulated oculomotor capture by task-irrelevant stimuli is a consequence of early competition on the saccade map. Attention Perception and Psychophysics, 78: 2226-2240. doi:10.3758/s13414-016-1135-2

Van Moorselaar, D, Theeuwes, J. & Olivers, C.N.L. (2016). Learning changes the attentional status of prospective memories. Psychonomic Bulletin and Review, 23, 1483-1490. DOI 10.3758/s13423-016-1008-7

Wang, B., Cao, X., Theeuwes, J., Olivers, C. N., & Wang, Z. (2016). Location-based effects underlie feature conjunction benefits in visual working memory. Journal of Vision, 16(11), 12-12. doi:10.1167/16.11.12

2015

Bucker, B., Silvis, J.D., Donk, W. & Theeuwes, J. (2015). Reward modulates oculomotor competition. Vision Research, 108, 103-112

Bucker, B., Belopolsky, A. & Theeuwes, J. (2015). Distractors that signal reward attract the eyes. Visual Cognition, 23, 1-24

Failing, M.F. & Theeuwes, J. (2015). Nonspatial Attentional Capture by Previously Rewarded Scene Semantics. Visual Cognition, 23, 82-104

Failing, M., Nissens, T., Pearson, D., Le Pelley, M., & Theeuwes, J. (2015). Oculomotor capture by stimuli that signal the availability of reward. Journal of Neurophysiology, 114(4), 2316– 2327

Hoppenbrouwers, S.S., Van der Stigchel, S., Slotboom, J., Dalmaijer, E.S., & Theeuwes, J. (2015). Disentangling attentional deficits in psychopathy using visual search: failures in the use of contextual information, Personality and Individual Differences 86, 132-138

Munneke, J., Hoppenbrouwers, S. S., & Theeuwes, J. (2015). Reward can modulate attentional capture, independent of top-down set. Attention, Perception, & Psychophysics, 77(8), 2540–2548.

Schmidt, L.J., Belopolsky, A.V. & Theeuwes, J. (2015). Attentional capture by signals of threat. Cognition and Emotion, 29 (4), 687-694

Schmidt, L. J., Belopolsky, A. V., & Theeuwes, J. (2015). Potential threat attracts attention and interferes with voluntary saccades. Emotion, 15(3), 329–338.

Schoeberl T., Fuchs I., Theeuwes J., & Ansorge U. (2015) Stimulus-driven attentional capture by subliminal onset cues. Attention, Perception and Psychophysics, 77, 737-748

Theeuwes, J. Mulckhuyse, M., Christie, J., & Klein, R.M. (2015). Awareness of distractors is necessary to generate a strategy to avoid responding to them: A commentary on Lin and Murray Consciousness and Cognition, 37, 178-179

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. (2015). 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, 27(6), 1215-1237

Van Moorselaar, D., Battistoni, E., Theeuwes, J. & Olivers, C.N.L. (2015). Rapid influences of cued visual memories on attentional guidance. Annals of the New York Academy of Sciences, 1339, 1-10

Van Moorselaar, D, Gunseli, E., Theeuwes, J. & Olivers, C.N.L. (2015). The Time Course of Protecting a Visual Memory Representation from Perceptual Interference. Frontiers in Human Neuroscience, 8, 1053

Van Moorselaar, D., Olivers, C. N. L., Theeuwes, J., Lamme, V. A. F., & Sligte, I. G. (2015). Forgotten but not gone: Retro-cue costs and benefits in a double-cueing paradigm suggest multiple states in visual short-term memory. Journal of Experimental Psychology: Learning, Memory, and Cognition, 41, 1755–1763.

Wang, L., Yu, H., Hu, J., Theeuwes, J., Gong, X., Xiang, Y., Jiang, C., & Zhou, X. (2015). Reward breaks through center-surround inhibition via anterior insula. Human Brain Mapping, 36, 5233-5251

Wilschut, A., Theeuwes, J. & Olivers, C.N.L. (2015). Nonspecific competition underlies transient attention. Psychological Research, 79(5), 844-860

2014

Boon, P., Theeuwes, J., & Belopolsky, A. (2014) . Updating visual-spatial working memory during object movement. Vision Research, 94, 51–57.

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.

Failing, M.F. & Theeuwes, J. (2014). Exogenous Visual Orienting by Reward. Journal of Vision, 14(5): 6.

Heeman, J. Theeuwes, J. & Van der Stigchel, S. (2014). The time course of top-down control on saccade averaging. Vision Research, 100, 29–37.

Hickey, C. Chelazzi, L & Theeuwes, J. (2014). Reward-priming of location in visual search. PlosOne, 9 (7), e103372

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.

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.

Theeuwes, J., Mathôt. S., & Grainger, J. (2014). Object-centered orienting and IOR. Attention, Perception & Psychophysics, 76(8), 2249-2055.

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

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

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, 9(12) e 116382

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

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.

Jonikaitis, D & Theeuwes, J. (2013) Dissociating oculomotor contributions to spatial and feature-based selection. Journal of Neurophysiology, 25(10), 1525-1534

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. [pdf]

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 [pdf].

Mathôt. S., & Theeuwes, J. (2013). A reinvestigation of the reference frame of the tilt-adaptation aftereffect. Scientific Reports, 3, e1152. [pdf].

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 [pdf].

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 [pdf].

Theeuwes, J., Mathôt. S., & Grainger, J. (2013). Exogenous object-centered attention. Attention, Perception & Psychophysics, 75:812–818. [pdf]

Theeuwes, J. & Van der Burg, E. (2013). Priming makes a stimulus more salient. Journal of Vision, 13(3):21, 1–11. [pdf]

Wilschut, A. , Theeuwes, J. & Olivers, C.N.L. (2013). Early perceptual interactions shape the time course of cueing. Acta Psychologica, 144(1):40-50. [pdf]

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.

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

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. [pdf]

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 [pdf].

2012

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 [pdf].

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 [pdf].

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. [pdf].

de Fockert, J.W. & Theeuwes, J. (2012). Role of frontal cortex in attentional capture by singleton distractors. Brain & Cognition, 80, 367-373 [pdf].

Devue, C., Belopolsky A.V. & Theeuwes, J. (2012). Oculomotor guidance and capture by irrelevant faces. PLoS ONE 7(4): e34598 182 [pdf].

Godijn, R. & Theeuwes, J. (2012). Covert is Better than Overt When Rehearsing Visuo-Spatial Information in Working Memory. Memory and Cognition, 40, 52-60[pdf].

Mathôt, S. Cristino, F., Gilchrist, I.D.. &, Theeuwes, J. (2012). Eyenalysis: A similarity measure for eye movement patterns. Journal of Eye Movement Research, 5, 1-15 [pdf]

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 [pdf]

Mathôt, S., Schreij, D., & Theeuwes, J. (2012). OpenSesame: An Open-source, Graphical Experiment Builder for the Social Sciences. Behavior Research Methods, 44, 314-324 [pdf].

Munneke, J. , Belopolsky, A.V. & Theeuwes, J. (2012). Shifting attention within memory representations involves early visual areas. PLoSOne, 7(4):e35528 [pdf]

Schmidt, L.J., Belopolsky, A.V. & Theeuwes, J. (2012), The presence of threat affects saccade trajectories. Visual Cognition, 20, 284-299 [pdf].

Theeuwes, J. & Belopolsky (2012), Reward grabs the eye: oculomotor capture by rewarding stimuli. Vision Research, 74, 80-85 [pdf]

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). [pdf]

Van der Burg, E., Olivers, C.N.L., & Theeuwes, J. (2012) The attentional window modulates capture by audiovisual events. PlosOne, 7, e39137 [pdf].

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

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 [pdf].

Wang, Z. & Theeuwes, J. (2012). Dissociable spatial and temporal effects of inhibition of return. PlosOne, 7(8): e44290 [pdf].

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 [pdf].

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 [pdf].

2011

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

169. Hickey, C. Chelazzi, L & **Theeuwes, J.** (2011). Reward has a residual impact on target selection in visual search, but not on the suppression of distractors. Visual Cognition 19 (1), 117_128

168. Hickey, C., Olivers, C.N.L., Meeter, M. & **Theeuwes, J.** (2011). Feature priming and the capture of visual attention: Linking two ambiguity resolution hypotheses. Brain Research, 1370, 175-184
167. Mathôt, S. & **Theeuwes, J.** (2011). Visual Attention and Stability. Philosophical Transactions of the Royal Society B: Biological Sciences 366:516-527
166. Mathôt, S., & **Theeuwes, J.** (2011). Mantra: An Open Method for Object and Movement Tracking. *Behavior Research Methods*. *43*:1182–1193
165. Mulckhuyse, M., Belopolsky, A.V., Heslenfeld, D.J., Talsma, D. & **Theeuwes, J.** (2011) Distribution of attention modulates salience signals in early visual areas. *PLoS one* 6(5): e20379
164. Mulckhuyse, M., Kelley, T.A., **Theeuwes, J. ,** Walsh, V. & Lavie, N. (2011). Enhanced visual perception with occipital TMS. *European Journal of Neuroscience, 34 (8),* 1320-1325
163. Munneke, J. Heslenfeld, D.J., Usrey, W.M., **Theeuwes, J. ,** & Mangun G.R, (2011). Preparatory effects of distractor suppression: evidence from visual cortex. *PlosOne, 6(12)*: e27700
162. Notebaert, L., Crombez G., Van Damme, S., De Houwer, J. & **Theeuwes, J.** (2011). Signals of threat do not capture, but prioritize attention: a classical conditioning approach. *Emotion. 11, 81-89.*
161. Notebaert, L., Crombez, G., Vogt, J., Van Damme, S., **Theeuwes, J.** (2011). Attempts to control pain prioritize attention towards signals of pain: An experimental study. Pain, 152, 1068-1073.
160. Talsma, D., Sikkens, J. & **Theeuwes, J.** (2011) Stay Tuned: What is Special About not Shifting Attention? PLoSOne 6(3): e16829.
159. **Theeuwes, J.** , Kramer, A.F. & Irwin, D.E. (2011). Attention on our mind: the role of spatial attention in visual working memory. Acta Psychologica, 137, 248-251
158. **Theeuwes, J.** & Van der Burg, E. (2011). On the limits of top-down control. *Attention, Perception & Psychophysics, 73*, 2092–2103
157. Van der Burg, E., Talsma, D., Olivers, C.N.L., Hickey, C., & **Theeuwes, J.** (2011) Early multisensory interactions affect the competition among multiple visual objects. Neuroimage, 55, 1208-1218
156. Van der Stigchel, S., de Vries, J.P., Bethlehem, R. & **Theeuwes, J.** (2011). A global effect of capture saccades. Experimental Brain Research, 210, 57-65
155. Weaver, M.D., Lauwereyns, J. & **Theeuwes, J.** (2011). The effect of semantic information on saccade trajectory deviations. Vision Research,51, 1124-1128
154. Wilschut, A., **Theeuwes, J.** , & Olivers, C.N.L. (2011). The time course of attention: selection is transient. *PlosOne, 6(11)*, e27661

2010

153. Belopolsky, A.V., & **Theeuwes, J.** (2010). No capture outside the attentional window. Vision Research, 50, 2543-2550
152. Belopolsky, A.V., Schreij, D. & **Theeuwes, J.** (2010).What is top-down about contingent capture? Attention, Perception & Psychophysics
151. Chisholm, J.D., Hickey, C., **Theeuwes, J.** , & Kingstone, A (2010). Reduced attentional capture in action video game players. Attention, Perception & Psychophysics, 72, 667-671
150. Cristino, F., Mathôt, S., **Theeuwes, J.** , & Gilchrist, I.D. (2010). ScanMatch: a novel method for comparing fixation sequences. Behavior Research Methods, 42, 692-700
149 Hickey, C. Chelazzi, L & **Theeuwes, J.** (2010). Reward changes salience in human vision via the anterior cingulate. Journal of Neuroscience, 30, 11096-11103

148. Hickey, C. Chelazzi, L & **Theeuwes, J.** (2010). Reward guides vision when it's your thing: Trait reward-seeking in reward-mediated visual priming. PLoS One, 5 (11), 1-5

147 Hickey, C., van Zoest, W. & **Theeuwes, J.** (2010). The time course of exogenous and endogenous control of covert attention. Experimental Brain Research, 201, 789-796

146. 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

145. Koelewijn, T., Bronkhorst, A. W., & **Theeuwes, J.** (2010). Attention and the multiple stages of multisensory integration: a review of audiovisual studies. Acta Psychologica, 134, 372-284.

144. Mathôt, S. & **Theeuwes, J.** (2010). Evidence for the predictive remapping of visual attention. Experimental Brain Research, 200, 117-122

143. Mathôt, S. & **Theeuwes, J.** (2010). Gradual Remapping Results in Early Retinotopic and Late Spatiotopic Inhibition of Return. Psychological Science, 21, 1793-1798

142. Mathôt, S., Hickey, C. & **Theeuwes, J.** (2010). From Reorienting of Attention to Biased Competition: Evidence from Hemifield Effects. Attention, Perception & Psychophysics, 72, 651-657

141. Meeter, M., Van der Stigchel, S. & **Theeuwes, J.** (2010) A competitive integration model of exogenous and endogenous eye movements. Biological Cybernetics, 102, 271-291

140. Mortier, K., van Zoest, W., Meeter, M. & **Theeuwes, J.** (2010). Verbal cues affect detection but not localization responses. Attention, Perception & Psychophysics, 72, 65-75

139. Munneke, J. Heslenfeld, D.J. & **Theeuwes, J.** (2010). Spatial working memory effects in early visual cortex. Brain and Cognition, 72, 368-377

138. Mulckhuyse, M., & **Theeuwes, J.** (2010). Unconscious cueing effects in saccadic eye movements: facilitation and inhibition in temporal and nasal hemifield. Vision Research, 50, 606-613

137. Mulckhuyse, M., & **Theeuwes, J.** (2010). Unconscious attentional orienting to exogenous cues: a review of the literature. Acta Psychologica, 143, 199-209

136. Notebaert, L., Crombez G., Van Damme, S., De Houwer, J. & **Theeuwes, J.** (2010). Looking out for danger: An attentional bias towards spatially predictable threatening stimuli. Behaviour Research and Therapy, 48, 1150-1154

135. Schreij, D., **Theeuwes, J.** & Olivers, C.N.L. (2010). Irrelevant onsets cause inhibition of return regardless of attentional set. Attention, Perception & Psychophysics, 72, 1725-1729

134. Schreij, D., **Theeuwes, J.** & Olivers, C.N.L. (2010). Abrupt onsets capture attention independent of top-down control settings II: Additivity is no evidence for filtering. Attention, Perception & Psychophysics, 72, 672-682

133. Talsma, D., Coe, B., Munoz, D.P. & **Theeuwes, J.** (2010). Brain Structures Involved in Visual Search in the Presence and Absence of Color Singletons. Journal of Cognitive Neuroscience, 22, 761-774

132. **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

131. **Theeuwes, J.** (2010). Top-down and bottom-up control of visual selection. Acta Psychologica, 123, 77-99

130. **Theeuwes, J.** (2010).Top-down and bottom-up control of visual selection: Reply to commentaries. Acta Psychologica, 123, 133-139

129. **Theeuwes, J.** Olivers, C.N.L. & Belopolsky, A. (2010). Stimulus-driven capture and contingent capture. WIREs Cognitive Science, 1, 872-881

128. Van der Burg, E., Brederoo, S.G., Nieuwenstein, M.R., **Theeuwes, J.** & Olivers C. N. L. (2010). Audiovisual semantic interference and attention: Evidence from the attentional blink paradigm. Acta Psychologica, 134, 198-205

127. Van der Burg, E., Cass, J., Olivers, C.N.L., **Theeuwes, J.** & Alais, D. (2010). Efficient visual search from synchronized auditory signals requires transient audiovisual events. PLoS One, 5, 1-11

2009

126. Belopolsky, A.V. & **Theeuwes, J.** (2009). When are attention and saccade preparation dissociated? *Psychological Science,* 20, 1340-1347
125. Belopolsky, A.V. & **Theeuwes, J.** (2009). Inhibition of saccadic eye movements to locations in spatial working memory. *Attention, Perception & Psychophysics, 71,* 620-631
124. Belopolsky, A.V. & **Theeuwes, J.** (2009). No functional role of attention-based rehearsal in maintenance of spatial working memory representations. *Acta Psychologica, 132(2),* 124-135
123. Chan, L.K., Hayward, W.G. & **Theeuwes, J.** (2009). Spatial working memory maintenance: does attention play a role? A visual search study. *Acta Psychologica, 132(2), 115-123*
122. 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
121. Devue, C., Laloyaux, C., Feyers, D., **Theeuwes, J.** , & Brédart, S. (2009). Do pictures of faces, and which ones, capture attention in the inattentional blindness paradigm. *Perception, 38*, 552-568
120. Koelewijn, T., Bronkhorst, A. W., & **Theeuwes, J.** (2009). Competition between auditory and visual spatial cues during visual task performance. *Experimental Brain Research, 195,* 593-602
119. Koelewijn, T., Bronkhorst, A. W., & **Theeuwes, J.** (2009). Auditory and visual capture during focused visual attention. *Journal of Experimental Psychology: Human Perception and* Performance 35(5): 1303-1315
118. Mulckhuyse, M., Van der Stigchel, & **Theeuwes, J.** (2009). Early and late modulation of saccade deviations by target distractor similarity. *Journal of Neurophysiology* 102(3): 1451-1458
117. Nieuwenstein, M.R., Potter, M.C., & **Theeuwes, J.** (2009). Unmasking the attentional blink. *Journal of Experimental Psychology: Human Perception and Performance, 35,* 159-169
116. Nieuwenstein, M., Van der Burg, E., **Theeuwes, J.** Wyble, B. & Potter, M. (2009). Temporal constraints on conscious vision: On the ubiquitous nature of the attentional blink. *Journal of Vision*, *9:18*, 1-14
115. **Theeuwes, J.** , Belopolsky, A. & Olivers, C.N.L. (2009). Interactions between working memory, attention and eye movements. *Acta Psychologica*, 132(2), 106-114
114. **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
113. Van der Burg, E., Olivers, C. N. L., Bronkhorst, A. W., & **Theeuwes, J.** (2009). Poke and pop: Tactile-visual synchrony increases visual saliency. *Neuroscience Letters, 450,* 60-64
112. Van der Stigchel, S., Belopolsky, A.V., Peters J.C., Wijnen, J.G., Meeter, M. & **Theeuwes, J.** (2009). The limits of top-down control of visual attention. *Acta Psychologica,* 132, 201-212.
111. Van der Stigchel, S., Mulckhuyse, M., & **Theeuwes, J.** (2009). Eye can't see it: The interference of subliminal distractors on saccade metrics. *Vision Research, 49,* 2104-2109

2008

110. Belopolsky, A.V., Kramer, A. F., & **Theeuwes, J.** (2008). The role of awareness in processing of oculomotor capture: evidence from event-related potentials. *Journal of Cognitive Neuroscience,* 20, 2285-2297

109. Belopolsky, A.V., Olivers, C.N.L., & **Theeuwes, J.** (2008). To point a finger: Attentional and motor consequences of observing pointing movements. *Acta Psychologica,* 128, 56-62.
108. Gibson, B.S., Folk, C.L., **Theeuwes, J.** , & Kingstone, A. (2008). Introduction. *Visual Cognition*, 16, 145-154.
107. Koelewijn, T., Van der Burg, E., Bronkhorst, A., & **Theeuwes, J.** (2008). Priming T2 in a Visual and Auditory Attentional Blink Task. *Perception & Psychophysics,* 70, 658-666.
106. Marzouki, Y., Grainger, J., & **Theeuwes, J.** (2008). Inhibition of Return in Subliminal Letter Priming *Acta Psychologica,* 129, 112-120.
105. Mulckhuyse, M., Van Zoest, W., & **Theeuwes, J.** (2008). Capture of the eyes by relevant and irrelevant onsets. *Experimental Brain Research*, 186, 225-235.
104. Munneke, J., Heslenfeld, D.J., & **Theeuwes, J.** (2008). Directing attention to a location in space results in retinotopic activation in primary visual cortex. *Brian Research, 1222*, 184-191.
103. Munneke, J., Van der Stigchel, S., & **Theeuwes, J.** (2008). Cueing the location of a distractor: An inhibitory mechanism of spatial attention? *Acta Psychologica, 129*, 101-107
102. Pinto, Y., Olivers, C.N.L., & **Theeuwes, J.** (2008). Selecting from dynamic environments: Attention distinguishes between blinking and moving. *Perception & Psychophysics, 70*, 166-178.
101. Pinto, Y., Olivers, C.N.L., & **Theeuwes, J.** (2008). Static items are automatically prioritized in a dynamic environment. *Visual Cognition, 16* (7), 916-932.
100. Pinto, Y., Olivers, C.N.L., & **Theeuwes, J.** (2008). The detection of temporally defined objects does not require focused attention. *Quarterly Journal of Experimental Psychology, 61*, 1134-1142.
99. Rommelse, N.N.J., Van der Stigchel, S., Witlox, J., Geldof, C.J.A., 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.
98. Schreij, D., Owens, C., & **Theeuwes, J.** (2008). Abrupt onsets capture attention independent of top-down control settings. *Perception & Psychophysics*, 70(2), 208-218.
97. **Theeuwes, J.** , & Van der Burg, E. (2008). The role of cueing in attentional capture. *Visual Cognition*, 16, 232-247.
96. **Theeuwes, J.** , Van der Burg, E., & Belopolsky, A.V. (2008). Detecting the presence of a singleton involves focal attention. *Psychonomic Bulletin & Review,* 15, 555-560.
95. Van der Burg, E., Olivers, C. N. L., Bronkhorst, A. W., & **Theeuwes, J.** (2008). Audiovisual events capture attention: Evidence from temporal order judgments. *Journal Of Vision*, 8, 1-10.
94. Van der Burg, E., Olivers, C. N. L., Bronkhorst, A. W., & **Theeuwes, J.** (2008). Pip and pop: Non-spatial auditory signals improve spatial visual search. *Journal of Experimental Psychology: Human Perception and Performance,* 34, 1053-1065
93. Van der Stigchel, S., & **Theeuwes, J.** (2008). Differences in distractor induced deviation between horizontal and vertical saccade trajectories. *Neuroreport*, 19, 251-254.
92. Van der Stigchel, S., van Zoest, W., **Theeuwes, J.** , & Barton, J. J. S. (2008). The influence of 'blind' distractors on eye movement trajectories in visual hemifield defects. *Journal of Cognitive Neuroscience, 20*, 2025-2036.

2007

91. Belopolsky, A.V., Zwaan, L., **Theeuwes, J.** , & Kramer, A.F. (2007). The size of attentional window modulates attentional capture by color singletons. *Psychonomic Bulletin and Review* , 14, 934-938.

90. Marzouki, Y., Grainger, J., & **Theeuwes, J.** (2007). Exogenous Spatial Cueing Modulates Subliminal Masked Priming. *Acta Psychologica*, 126, 34-45.
89. Mulckhuyse, M., Talsma, D., & **Theeuwes, J.** (2007). Grabbing attention without knowing: Automatic capture of attention by subliminal spatial cues. *Visual Cognition*, 15, 779-788.
88. Pratt, J., **Theeuwes, J.** , & Donk, W. (2007). Offsets and prioritizing the selection of new elements in search displays: More evidence for attentional capture in the preview effect. *Visual Cognition*, 15, 133-148.
87. Talsma, D., Mulckhuyse, M., Slagter, H.A., & **Theeuwes, J.** (2007). Faster, more intense! The Relation between Electrophysiological Reflections of Attentional Orienting, Sensory Gain Control, and Speed of Responding. *Brain Research*, 1178, 92-105.
86. **Theeuwes, J.** , & Van der Burg, E. (2007). The role of spatial and non-spatial information in visual selection. *Journal of Experimental Psychology: Human Perception and Performance*, 33, 1335–1351.
85. Van der Burg, E., Olivers, C. N. L., Bronkhorst, A. W., Koelewijn, T., & **Theeuwes, J.** (2007). The absence of an auditory-visual attentional blink is not due to echoic memory. *Perception & Psychophysics*, 69, 1230-1241.
84. Van der Stigchel, S., Meeter, M., & **Theeuwes, J.** (2007). The spatial coding of the inhibition evoked by distractors. *Vision Research,* 47, 210–218.
83. 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.
82. Van der Stigchel, S., Rommelse, N.N.J., Deijen, J.B., Geldof, C.J.A., Witlox, J., Oosterlaan, J., Sergeant, J.A., and **Theeuwes, J.** (2007) Oculomotor Capture in ADHD, which type of response inhibition is affected? *Cognitive Neuropsychology*, 24, 535-549.
81. 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.
80. Van der Stigchel, S., & **Theeuwes, J.** (2007). The relationship between covert and overt attention in endogenous cueing *Perception & Psychophysics*, 69, 719-731.

2006

79. Deijen, J.B., Stoffers, D., Berendse, H.W., Wolters, E.C., & **Theeuwes, J.** (2006). Abnormal susceptibility to distracters hinders perception in early stage Parkinson's disease: a controlled study. *BMC Neurology*, 6:43.
78. Hickey, C., McDonald, J.J., & **Theeuwes, J.** (2006), Electrophysiological evidence of the capture of visual attention. *Journal of Cognitive Neuroscience*, 18, 604-613.
77. Meeter, M., & **Theeuwes, J.** (2006). Cueing the dimension of a distractor: Verbal cues of target identity also benefit same-dimension distractor singletons. *Psychonomic Bulletin & Review*, 13, 118-124.
76. 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.
75. Pinto, Y., Olivers, C.N.L., & **Theeuwes, J.** (2006). When is search for a static target among dynamic distractors efficient? *Journal of Experimental Psychology: Human Perception and Performance*, 32, 59-72.
74. **Theeuwes, J.** , Van der Stigchel, S., & Olivers, C.N.L. (2006). Spatial working memory and Inhibition of Return. *Psychonomic Bulletin and Review*, 13, 608–613.
73. **Theeuwes, J.** , & Van der Stigchel, S. (2006). Faces capture attention: Evidence from Inhibition-of-return. *Visual Cognition*, 13, 657-665.

72. **Theeuwes, J.** , Reimann, B., & Mortier, K. (2006). Visual search for featural singletons: No top-down modulation, only bottom-up priming. *Visual Cognition*, 14, 466-489.
71. Van der Stigchel, S., Heslenfeld, D.J., & **Theeuwes, J.** (2006). An ERP study of preparatory and inhibitory mechanisms in a cued saccade task. *Brain Research,* 1105, 32-45.
70. Van der Stigchel, S., Meeter, M., & **Theeuwes, J.** (2006). Eye movement trajectories and what they tell us. *Neuroscience & Biobehavioral Reviews*, 30, 666-679.
69. 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.

2005

68. Belopolsky, A., **Theeuwes, J.** , & Kramer, A.F. (2005). Prioritization by transients in visual search. *Psychonomic Bulletin & Review,* 12, 93-99.
67. Mortier, K., **Theeuwes, J.** , & Starreveld, P.A. (2005). Response Selection modulates Visual Search Within And Across Dimensions. *Journal of Experimental Psychology: Human Perception and Performance*, 31, 542-557.
66. Pinto, Y., Olivers, C.N.L., & **Theeuwes, J.** (2005). Target uncertainty does not lead to more distraction by singletons:Intertrial priming does. *Perception & Psychophysics*, 67, 1354-1361.
65. **Theeuwes, J.** , Olivers, C.N.L., & Chizk, C.L. (2005). Remembering a location makes the eyes curve away. *Psychological Science*, 16, 196-199.
64. **Theeuwes, J.** (2005). Irrelevant Singletons Capture Attention. In Itti, L. & Rees, G. & Tsotsos, J. (Eds.) *Neurobiology of Attention*, pp. 418-424. San Diego, CA: Elsevier.
63. **Theeuwes, J.** , & Chen, C.Y.D (2005). Attentional capture and inhibition (of return): the effect on perceptual sensitivity. *Perception & Psychophysics*, 67, 1305-1312.
62. Van der Stigchel, S., & **Theeuwes, J.** (2005). The influence of attending to multiple locations on eye movements. *Vision Research*, 45, 1921-1927.
61. Van der Stigchel, S., & **Theeuwes, J.** (2005). Relation between saccade trajectories and spatial distractor locations. *Cognitive Brain Research*. 25, 579-582.

2004

60. 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.
59. Peelen, M.V., Heslenfeld, D.J., & **Theeuwes, J.** (2004). Endogenous and Exogenous Attention Shifts are Mediated by the Same Large-Scale Neural Network. *Neuroimage*, 22, 822-830.
58. Jonker, C.M., Schalken J.J.P., Theeuwes J., Treur J. (2004). Human experiments in trust dynamics. *Lecture Notes in Computer Science* 2995: 206-220.
57. Starreveld, P.A., **Theeuwes, J.** , & Mortier, K. (2004). Response Selection in Visual Search: The Influence of Response Compatibility of Nontargets. *Journal of Experimental Psychology: Human Perception and Performance*, 30: 56-78.
56. **Theeuwes, J.** (2004). No Blindness for Things that do not Change. *Psychological Science*, 15, 65-70.
55. **Theeuwes, J.** (2004). Top-down search strategies cannot override attentional capture. *Psychonomic Bulletin & Review*, 11, 65-70.

54. **Theeuwes, J.** , & Godijn, R. (2004). Inhibition of return and oculomotor interference. *Vision Research*, 44, 1485-1492.
53. **Theeuwes, J.** , Kramer, A.F., & Belopolsky, A. (2004). Attentional set interacts with perceptual load in visual search. *Psychonomic Bulletin & Review*, 11, 697-702.
52. **Theeuwes, J.** , Kramer, A.F., & Kingstone, A. (2004). Attentional capture modulates perceptual sensitivity. *Psychonomic Bulletin & Review*, 11, 551-554.
51. **Theeuwes, J.** , Godijn R., & Pratt, J. (2004). A new estimation of the attentional dwell time. *Psychonomic Bulletin & Review,* 11, 60-64.
50. 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.

2003

49. Donk M., & Theeuwes J. Prioritizing selection of new elements: Bottom-up versus top-down control. *Perception & Psychophysics*, 65, 1231-1242.
48. 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.
47. Godijn, R., & **Theeuwes, J.** (2003). The relationship between exogenous and endogenous saccades and attention. In Jukka Hyönä, Ralph Radach & Heiner Deubel (Eds). *The Mind's Eyes: Cognitive and Applied Aspects of Eye Movements*.
46. Mortier, K., Donk, M., & **Theeuwes, J.** (2003). Attentional capture within and between objects. *Acta Psychologica*, 113, 133-145.
45. **Theeuwes, J.** , de Vries, G.J., & Godijn, R. (2003). Attentional and oculomotor capture with static singletons. *Perception & Psychophysics*, 65, 735-746.
44. **Theeuwes, J.** , & Pratt, J. (2003). Inhibition of return spreads across 3D space. *Psychonomic Bulletin & Review*, 10, 616-620.

2002

43. **Theeuwes, J.** , Alferdinck, J.W.A.M., & Perel, M. (2002). The relation between glare and driving performance. *Human Factors*, 44, 95-107
42. **Theeuwes, J.** , & Godijn, R. (2002). Irrelevant singletons capture attention: evidence from inhibition of return. *Perception & Psychophysics*, 64, 764-770.
41. Godijn R., & **Theeuwes, J.** (2002). The relationship between attentional capture and awareness. Comment on Ruz & Lupianez, A review of attentional capture: On it's automaticity and sensitivity to endogenous control. *Psicologica*, 23, 327.
40. Godijn, R., & **Theeuwes, J.** (2002). Oculomotor Capture and Inhibition of Return. *Psychological Research*, 66, 234-246.
39. 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.
38. Hommel, B., Ridderinkhof, K.R. & **Theeuwes, J.** (2002) Cognitive control of attention and action: Issues and trends. *Psychological Research*, 66: 215-219.

2001

37. Donk, W., & **Theeuwes, J.** (2001). Visual marking beside the mark: prioritizing selection by abrupt onsets. *Perception & Psychophysics* 63, 891-900.
36. **Theeuwes, J.** , Kramer, A.F., & Atchley, P. (2001). Spatial attention in early vision. *Acta Psychologica*, 108, 1-20.
35 **Theeuwes, J.** , & Godijn, R. (2001). Attention and oculomotor capture (pp 121-150). In C. Folk and B. Gibson (Eds.): Attraction, Distraction, and Action: Multiple Perspectives on Attentional Capture. Elsevier Science B.V

2000

34. **Theeuwes, J.** , Atchley, P., & Kramer, A.F.(2000). On the time course of top-down and bottom-up control of visual attention (p. 105-125). In S., Monsell & J., Driver (Eds.). *Attention & Performance* (Vol 18). Cambridge: MIT Press.
33. 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.
32. **Theeuwes, J.** (2000). Commentary on Räsänen and Summala, "Car Drivers' Adjustment to cyclists at Roundabout". *Transportation Human Factors*, 2, 19-23.

1999

31. Kramer, A.F., Irwin, D.E., **Theeuwes, J.** , & Hahn, S. (1999). Oculomotor capture by abrupt onsets reveals concurrent programming of voluntary and involuntary saccades. *Behavioral and Brain Sciences*, 22, 689.
30. **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.
29. 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.
28. **Theeuwes, J.** , Kramer, A.F., & Atchley, P. (1999). Attentional effects on preattentive vision: spatial precues affect the detection of simple features. *Journal of Experimental Psychology: Human Perception & Performance*, 25, 341-347.

1998

27. **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.
26. **Theeuwes, J.** , Atchley, P., & Kramer, A.F. (1998). Attentional control within 3-D space. *Journal of Experimental Psychology: Human Perception & Performance*, 24, 1476-1485.
25. **Theeuwes, J.** , & Burger, R. (1998). Attentional control during visual search: The effect of irrelevant singletons. *Journal of Experimental Psychology: Human Perception & Performance*, 24, 1342-1353.
24. **Theeuwes, J.** , Kramer, A.F., & Atchley, P. (1998). Visual marking of old objects. *Psychonomic Bulletin & Review*, 5, 130-134.

1997

23. Atchley, P., Kramer, A.F., Andersen, G.J., & **Theeuwes, J.** (1997). Spatial cuing in a stereoscopic display: Evidence for a depth-aware attentional focus. *Psychonomic Bulletin & Review*, 4, 524-429.
22. **Theeuwes, J.** , & Alferdinck, J.W.A.M. (1997). Side marker lamps for passenger cars. *Accident Analysis & Prevention*, 29, 235-245.

1996

21. **Theeuwes, J.** (1996). Parallel search for a conjunction of color and orientation: the effect of spatial proximity. *Acta Psychologica*, 94, 291-307.
20. **Theeuwes, J.** , & Riemersma, J.B.J. (1996). Comment on Williams and Farmer's claims regarding Day Time Running Lights. *Accident Analysis & Prevention*, 28, 799-800.

1995

19. Kaptein, N.A., **Theeuwes, J.** & Van der Heijden, A.H.C. (1995), Search for a conjunctively defined target can be selectively limited to a color-defined subset of elements. *Journal of Experimental Psychology: Human Perception & Performance*, 21, 1053-1069.
18. **Theeuwes, J.** (1995). Temporal and spatial characteristics of preattentive and attentive processing. *Visual Cognition*, 2, 221-233
17. **Theeuwes, J.** (1995). Abrupt luminance change pops-out; Abrupt color change does not. *Perception & Psychophysics*, 57, 637-644.
16. **Theeuwes, J.** , & Alferdinck, J.W.A.M. (1995). Rear light arrangements for cars equipped with a center high-mounted stop lamp. *Human Factors*, 37, 371-380.
15. **Theeuwes, J.** , & Godthelp, H. (1995). Self-Explaining Roads. *Safety Science*, 19, 217-225.
14. **Theeuwes, J.** (1995). Perceptual selectivity for color and form: On the nature of the interference effect. In A.F. Kramer, M.G.H. Coles & G.D. Logan (Eds.). *Converging Operations in the Study of Visual Attention*. Washington DC: American Psychological Association. p. 297-314. .
13. **Theeuwes, J.** , & Riemersma, J.B.J. (1995). Daytime Running Lights as a vehicle collision countermeasure: The Swedish evidence reconsidered. *Accident Analysis & Prevention*, 27, 633-642.

1994

12. **Theeuwes, J.** (1994). Stimulus-driven capture and attentional set: Selective search for color and visual abrupt onsets. *Journal of Experimental Psychology: Human Perception & Performance*, 20, 799-806.
11. **Theeuwes, J.** (1994). Effects of location cuing on redundant-target processing. *Psychological Research*, 57, 15- 19
10. **Theeuwes, J.** (1994). Endogenous and exogenous control of visual selection. *Perception*, 23, 429-440.
9. **Theeuwes, J.** , & Kooi, F.L. (1994). Parallel search for a conjunction of shape and contrast polarity. *Vision Research*, 34, 3013-3016.

1993

8. **Theeuwes, J.** (1993). Visual selective attention: a theoretical analysis. *Acta Psychologica*, 83, 93-154.
7. **Theeuwes, J.** , & Lucassen, M.P. (1993). An adaptation-induced pop-out in visual search. *Vision Research*, 16, 2353-2357.

1992

6. **Theeuwes, J.** (1992). Perceptual selectivity for color and form. *Perception & Psychophysics*, 51, 599-606.

1991

5. **Theeuwes, J.** (1991). Categorization and identification of simultaneous targets. *Acta Psychologica*, 76, 73-86.
4. **Theeuwes, J.** (1991). Exogenous and endogenous control of attention: The effect of visual onsets and offsets. *Perception & Psychophysics,* 49 83-90.
3. **Theeuwes, J.** (1991). Cross-dimensional perceptual selectivity. *Perception & Psychophysics*, 50, 184-193.

1990

2. **Theeuwes, J.** (1990). Perceptual selectivity is task dependent: Evidence from selective search. *Acta Psychologica*, 74, 81-99.

1989

1. **Theeuwes, J.** (1989). Effects of location and form cuing on the allocation of attention in the visual field. *Acta Psychologica*, 72, 177-192.

Thesis

Theeuwes, J. (1992). Selective attention in the visual field. PhD thesis, Vrije Universiteit, Amsterdam, The Netherlands

Papers in Dutch

Theeuwes, J. (2012), Veel tegelijk doen: onze hersenen kunnen niet multitasken. Management & Organisatie, 4, 100-111.

Verstraten, F. & **Theeuwes, J.** (2002). Aandacht maakt de wereld. *Natuur en Techniek*.

Theeuwes, J. (1999). De zin van de psychologische functieleer: Een kwestie van perceptie. De Psycholoog, 34, 448-453.

Theeuwes, J. , & Verwey, W.B. (1995). De begrijpelijkheid van weg. In J. Snel & P. Kempe (Eds.). De mens in het verkeer: de zwaktste schakel?. Assen: Van Gorcum. pp. 71-86.

Kaptein, N.A., **Theeuwes, J.** & Van Velze, R. (1995). Per rijsimulator door de tweede Beneluxtunnel. Verkeerskunde, 12, 26-29.

Kaptein, N.A., & **Theeuwes, J.** (1995) Effecten van vormgeving op catgeorie-indeling van 80 km/h wegen. In F.J.J.M. Steyers & P.G.M. Miltenburg (Eds.) Gedragsbeinvloeidng in Verkeers- en Vervoersbeleid (pp. 11-17) Haren, The Netherlands.

Theeuwes, J. , & Alferdinck, J.W.A.M. (1994). Achterlichtconfiguraties van personenauto's uitgerust met een derde hooggeplaatst achterlicht. In Steyvers (ed.): Verkeerspsychonomie in Nederland 2.

Theeuwes, J. , (1994). Kijk- en zoekgedrag en Self-Explaining Roads. PAO-VV cursus Wegbeeld en Verkeer. Delft: Stichting Postacademisch Onderwijs.

Theeuwes, J. , Godthelp, H. & Riemersma, J.B.J. (1992). Self-explaining Roads kunnen bijdragen aan verkeersveiligheid. Verkeerskunde, 9, 26-29.

Riemersma, J.B.J., & **Theeuwes, J.** (1990). Zweedse bewijsvoering 'Licht overdag' opnieuw bekeken. Verkeerskunde, 5, 268-271.

Book Chapers, Proceedings and non-refereed papers

Theeuwes, J. , van der Burg, E., Olivers, C.N.L. & Bronkhorst, A. (2006). Cross-modal Interactions between Sensory Modalities: Implications for the Design of Multisensory displays (pp. 196- 205). In Kramer, A. Wiegmann, D. & Kirlik, A. (Eds.) Attention: From Theory to Practice. Oxford University Press, USA

Theeuwes, J. (2002). The effects of road design on driving (pp. 356-363). In Bartels, G. & Nelissen (Eds.). Marketing for sustainability. Amsterdam: IOS Press

Theeuwes, J. (2002). Sampling information from the road environment (pp. 131-146). In Fuller, R. & Santos J.A. (eds.). Human factors for highway engineers. Oxford: Perganon Press

Theeuwes, J. (2001). The effects of road design on driving. In: Traffic Psychology Today. P. Barjonet (Ed.). Amsterdam: Elsevier

Vos, de A.P., **Theeuwes, J.** & Hoekstra, W. (2000). Behavioral aspects of automatic vehicle guidance. Transportation Research Board Washington DC.

Roelfsema, A. Theeuwe, J. & Alferdinck, J.W.A.M. (1999). European side markers effect on traffic safety. SAE paper 1999-01-109

De Vos, A.P., **Theeuwes, J.** & Perel, M (1999). Nonplanar rearview mirrors: A survey of mirror types and European driver experience. SAE paper 1999-01-0658

Theeuwes, J. (1998). Self-Explaining Roads: subjective categorization of road environments. In A. Gale: Vision in Vehicle VI. (pp. 279-288). Amsterdam: North Holland

Theeuwes, J. (1998) Introduction. In P. Albuquerque, J.A. Santos, C. Rodrigues & A.H. Pires da Costa (eds.). Human Factors in Road Traffic II: Traffic Psychology and Engineering. Braga: Universidade Do Minho.

Hahn, S., Irwin, D.E., Kramer, A.F. & **Theeuwes, J.** (1998). Attentional capture and oculomotor control. 2nd Annual Army research Laboratory Symposium, College Park, MD.

Atchley, P., Kramer, A.F. & **Theeuwes, J.** (1998). Attentional control in three dimensional space. 2nd Annual Army research Laboratory Symposium, College Park, MD.

Alferdinck, J.W.A.M. & **Theeuwes, J.** (1997). The relation between discomfort glare and driving behaviour. Proceedings Progress in Automobilie Lighting 1997 (PAL). p 24-32.

Kaptein, N.A., **Theeuwes, J.** & van der Horst, A.R.A. (1996). Driving simulator validity: Some Considerations. Transportation Research Record 1550, 30-36.

Theeuwes, J. (1996). Visual search at intersections: An eye-movement analysis. In A.Gale et al.: Vision in Vehicle V. Amsterdam: North Holland.

Kaptein, N.A., **Theeuwes, J.** , Van der Horst, A.R.A. & Van Velze, R. (1995). Behavioral evaluation of tunnel design characteristics. In: Proceedings of the Driving Simulator Conference 1995 (DSC '95). Sophia Antipolis, France, September 12-13, 1995, pp. 409-420. Toulouse: Teknea.

Theeuwes, J. (1995). Towards a structurally safe traffic system: The development of Self-Explaining Roads. Analise Psicologica, 3, 287-290.

Theeuwes, J. & Godthelp, J. (1995). Self-Explaining Roads: How people categorize roads outside the built-up area. In Proceedings of "International Conference Road Safety in Europe and Strategic Highway Research Program" 26-28 September, Lille, France

Theeuwes, J. (1995). Visuelles Orientierungsverhalten an Kreuzungen. Zeitschrift fuer Verkehrsicherheit, 41, 151-156.

Theeuwes, J. (1993). Visual attention and driving behavior. In Santos, J.A. (ed.): Human Factors in Road Traffic. Lisboa: Esher.

Theeuwes, J. & Godthelp, H. (1993). Self Explaining Roads. In de Kroes & Stoop (eds.) Safety of Transportation (pg. 56-66). Delft: University Press.

Theeuwes, J. & M.P. Hagenzieker (1993). Visual search of traffic scenes: On the effect of location expectations. In A. Gale et al.: Vision in Vehicle IV (pg. 149-158). Amsterdam: N. Holland.

Theeuwes, J. (1991). Visual selection: exogenous and endogenous control. In A. Gale et al.: Vision in Vehicle III (pg. 53-62). Amsterdam: North Holland.

TNO Technical Reports

Dantuma, R. Veenstra, S. **Theeuwes, J.** van Hoorn, T. Leyten, J. (1998). Gebruiksonderzoek: naar een programmatische aanpak in het kader van het doelfinancieringsoverleg tussen HDTP en TNO TNO-STB rapport. TNO Strategie, Technologie en Beleid

Theeuwes, J. de Vos, A.P., Snel, R. van Munster, A.J., van der Linden, R.P.J., & Kusters, L.J.J. (1998). Verbetering van de zichtvelden voor chauffeurs van vracht- en bestelauto=s. Rapport 98.OR.NT.002.2/LKU. TNO Wegtransportmiddelen.

Kaptein, N.A., Martens, M.H. & **Theeuwes, J.** (1996). Plan van aanpak toetsing wegennet West-Zeeuws-Vlaanderen. Memo TNO-TM 1996 M-67. TNO Human Factors Research Institute, Soesterberg

Kaptein, N.A., & **Theeuwes, J.** (1996). Verslag Regiodag Spitsstroken. Memo TNO-TM 1996 M-39. TNO Human Factors Research Institute, Soesterberg

Theeuwes, J. (1996). Verslag ISO werkgroepen London. Memo TNO-TM 1996-M31. TNO Human Factors Research Institute, Soesterberg.

Kaptein, N.A. & **Theeuwes, J.** (1996). Plan van aanpak Tunnel RW 14. Memo TNO-TM 1996-M03. TNO Human Factors Research Institute, Soesterberg.

Breda, L. Van, Daanen, H.A.M., **Theeuwes, J.** (1996) Evaluation of wheelloader control prototypes: integration of kickdown and direction control. Report TNO-TM 1996 C-74. TNO Human Factors Research Institute, Soesterberg

Kaptein, N.A., Martens, M.H., **Theeuwes, J.** & Hoekstra, W. (1996). Tweede simulatorstudie ontwerp tunnel Rijskweg 14 bij Sijtwende, Voorburg. Report TNO-TM 1996 C-54. TNO Human Factors Research Institute, Soesterberg.

Vos, A.P. Godthelp, J. **Theeuwes, J.** Verwey, W.B. (1996) The influence of a heading control system on driver workload. Report TNO-TM 1996 C-48. TNO Human Factors Research Institute, Soesterberg

Kaptein, N.A., & **Theeuwes, J.** (1996). Simulatie studie naar rijgedrag in tunnel Rijksweg 14 bij Sijtwende, Voorburg. TNO-TM 1996 C-47. TNO Human Factors Research Institute, Soesterberg

Theeuwes, J. Vos, A.P. de, & Horst, A.R.A. van der (1996). Hoogwaardig Openbaar Vervoer (HOV): Evaluatie van de busbaan Universiteitscentrum "De Uithof". Rapport TNO-TM 1996 C-33. TNO Human Factors Research Institute, Soesterberg.

Kaptein, N.A., & **Theeuwes, J.** (1996). Evaluatie ontwerp tunnel Rijksweg 14 bij Voorburg. Report TNO-TM 1996 C-32. TNO Human Factors Research Institute, Soesterberg

Vos, A.P. de, **Theeuwes, J.** & Hoekstra, W. (1996). Behavioral aspects of Automatic Vehicle Guidance (AVG): The relationship between headway and driver comfort. Rapport TNO-TM 1996 C-22. TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. & Bakker, P.J. (1996). Begrijpelijkheid RVV-bord: inhaalverbod vrachtauto's en auto's met aanhangwagen. Rapport TNO-TM 1996 C-18. TNO Human Factors Research Institute, Soesterberg.

Breda, L. van, Daanen, H.A.M. & **Theeuwes, J.** (1996). Ergonomic assessment of control design of wheelloaders. Rapport TNO-TM 1996 C-17. TNO Human Factors Research Institute, Soesterberg.

Verwey, W.B. Alferdinck, J.W.A.M. & **Theeuwes, J.** (1996). The quality of tunnel entrances in terms of safety and capacity. Rapport TNO-TM 1996 C-16. TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. & Alferdinck, J.W.A.M. (1996). The relation between discomfort glare and driving behavior. Rapport TNO-TM 1996 C-15. TNO Human Factors Research Institute, Soesterberg.

Kaptein, N.A. **Theeuwes, J.** Hoekstra, W. (1996). Basisontwerp database "relatie categorie, vormgeving en gebruik wegen". Rapport TNO-TM 1996 C-14. TNO Human Factors Research Institute, Soesterberg.

Kaptein, N.A. & **Theeuwes, J.** (1996). Advies afscherming metrolijn bij Beneluxtunnel. Rapport TNO-TM 1996 C-13. TNO Human Factors Research Institute, Soesterberg.

Kaptein, N.A. & **Theeuwes, J.** (1996). Effecten van vormgeving op categorie-indeling en verwachting ten aanzien van 80 km/h wegen buiten de bebouwde kom. Rapport TNO-TM 1996 C-10. TNO Human Factors Research Institute, Soesterberg.

Kerstholt, J.H. & **Theeuwes, J.** (1995). Bereikbaarheid Nieuw Centrum Den Haag: Advies t.a.v. begrijpelijkheid en logica bebording. Memo TNO-TM 1995 M47. TNO Human Factors Research Institute, Soesterberg.

Kaptein, N.A., **Theeuwes, J.** & Hoekstra, W. Een simulatorstudie naar het keuze- en rijgedrag in de tweede Beneluxtunnel. Fase II: het effect van het invoegen bij het uitrijden van de wisselbuis. Rapport TNO-TM 1995 C-34, TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. , Riemersma, J.B.J. & Kaptein, N.A. (1995). Evaluatie bewegwijzering, vormgeving en signalering van de vluchtstrook als rijstrook voor spitsuurgebruik. Rapport TNO-TM 1995 C-28, TNO Human Factors Research Institute, Soesterberg.

Kaptein, N.A., Kerstholt, J.H., & **Theeuwes, J.** (1995). Evaluatie van het halte-informatie-systeem (HIS) voor de Interliner. De taak van de chauffeur. Rapport TNO-TM 1995 C-23. TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. & v.d. Horst, A.R.A. (1995). Advies verbetering installatie afsluiting binnenstad Enschede. Rapport TNO-TM 1995 C-18. TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. , v.d. Horst, A.R.A. Hoekstra, W. & Kaptein, N.A. (1995). Een simulatorstudie naar het keuze- en rijgedrag in de tweede Beneluxtunnel. Fase I: het effect van het ontwerp en de subjectieve kans op file. Rapport TNO-TM 1995 C-12. TNO Human Factors Research Institute, Soesterberg.

Kaptein, N.A. & **Theeuwes, J.** & v.d. Horst, A.R.A. (1995). De validiteit van de TNO-TM rijsimulator voor gedragsonderzoek naar het ontwerp van de tweede Beneluxtunnel. Rapport TNO-TM 1995 C-11. TNO Human Factors Research Institute, Soesterberg

Alferdinck, J.W.A.M & **Theeuwes, J.** (1995). Electronische tekstbalken op dienstvoertuigen van Rijkswaterstaat. Rapport TNO-TM 1995 C-7. TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. & Diks, G. (1995). Subjective road categorization and speed choice. Rapport TNO-TM 1995 B-16. TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. & Kooi, F.L. (1994). Parallel search for a conjunction of shape and contrast polarity. Report TM 1994 B-6, TNO Human Factors Research Institute, Soesterberg

Theeuwes, J. & Diks, G. (1995). Categorisering van omgevingen: een overzicht van de literatuur. Rapport TNO-TM 1995 B-2. TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. & Alferdinck, J.W.A.M. (1994). Side marker lamps for passager cars. Report TM 1994 C-14, TNO TNO Human Factors Research Institute, Soesterberg

Kaptein, N.A. & **Theeuwes, J.** (1994). Subset-selectivity and distractor matching in visual conjunction search. Report TM 1994 B-9, TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. (1994). Perceptual selectivity for color and form: On the nature of the interference effect. Report TM 1994 B-11, TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. Alferdinck, J.W.A.M, & Kaptein, N.A. (1994). Een evaluatie van een nieuw carpoolteken. Report TM 1994 C-40, TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. (1994). Self-Explaining Roads: an Exploratory Study. Report TM 1994 B-18, TNO Human Factors Research Institute, Soesterberg.

Janssen, W.H., **Theeuwes, J.** , Horst, A.R.A. van der (1994). Positionering van DRIPS op de ringweg Rotterdam: fase I. Memo TNO-TM 1994 M 23. TNO-Technische Menskunde, Soesterberg.

Kerstholt, J.H. & **Theeuwes, J.** (1994). Informatievoorziening bij ontregelingen: de stations Amsterdam CS, Utrecht CS, Dordrecht, Sliedrecht. Rapport TNO-TM 1994 C-51, Human Factors Research Institute, Soesterberg.

Theeuwes, J. (1993). Effects on location cuing on redundant target processing. Report IZF 1993 B-1, TNO Institute for Perception, Soesterberg.

Theeuwes, J. (1993). Endogenous and exogneous control of visual selection: a review of the literature. Report IZF 1993 B-9, TNO Institute for Perception, Soesterberg.

Theeuwes, J. & Alferdinck, J.W.A.M. (1993). Rear light arrangements for cars equipped with a center stop lamp. Report IZF 1993 C-29, TNO Institute for Perception, Soesterberg.

Theeuwes, J. & Riemersma, J.B.J. (1993). Evaluatiestudie bewegwijzering en vormgeving carpoolstrook A1/A6. Report IZF 1993 C-30, TNO Institute for Perception, Soesterberg.

Theeuwes, J. , Kaptein, N.A., & Van der Heijden, A.H.C. (1993). Search for a conjunctively defined target can be selectively limited to a color-defined subset of elements. Report IZF 1993 B-12, TNO Institute for Human Factors, Soesterberg.

Theeuwes, J. (1993). Abrupt luminance change pops-out; Abrupt color change does not. Report IZF 1993 B-13, TNO Institute for Human Factors, Soesterberg.

Theeuwes, J. (1993). Parallel search for a conjunction of color and orientation: evidence for sequential preattentive parallel processing. Report IZF 1993 B-14, TNO Institute for Human Factors, Soesterberg.

Theeuwes, J. (1993). Temporal and spatial characteristics of preattentive and attentive processing. Report IZF 1993 B-15, TNO Institute for Human Factors, Soesterberg

Theeuwes, J. & Van der Horst, A.R.A. (1993). Advies afscherming Schiphollijn. Report IZF 1993 C-45, TNO Institute for Human Factors, Soesterberg.

Van der Horst, A.R.A. & **Theeuwes, J.** (1993). Advies over wegbeeld- en belevingsaspecten van een drietal varianten van een geboorde tunnel onder de Westerschelde. Memo IZF 1993 M09. TNO Human Factors Research Institute, Soesterberg.

Theeuwes, J. & Godthelp, J. (1992). Begrijpelijkheid van de weg. Report IZF 1992 C-8. TNO Instituut voor Zintuigfysiologie, Soesterberg.

Theeuwes, J. & Riemersma, J.B.J. (1992). Een evaluatie van uitvoeringsvarianten van een "RVV carpoolteken". Report IZF 1992 C-20. TNO Instituut voor Zintuigfysiologie, Soesterberg.

Theeuwes, J. & Riemersma, J.B.J. (1992). Vervolgstudie evaluatie bewegwijzering, vormgeving en signalering van vluchtstroken voor spitsuurgebruik. Report IZF 1992 C-22. TNO Instituut voor Zintuigfysiologie, Soesterberg.

Theeuwes, J. (1992). Visual search at intersections: an eye-movement analysis. Report IZF 1992 C-43, TNO Institute for Perception, Soesterberg.

Theeuwes, J. (1992). Stimulus-driven capture and attentional set: selective search for color and visual abrupt onsets. Report IZF 1992 B-9, TNO Institute for Perception, Soesterberg.

Theeuwes, J. & Lucassen, M.P. (1992). A spurious pop-out in visual search. Report IZF 1992 B-8, TNO Institute for Perception, Soesterberg.

Theeuwes, J. & Alferdinck, J.W.A.M. (1991). Retroreflecterende verkeersborden: klasse I versus klasse II. Report IZF 1991 C-1. TNO Instituut voor zintuigfysiologie, Soesterberg.

Theeuwes, J. (1991). Center high-mounted stop light: An evaluation. Report IZF 1991 C-3. TNO Institute for Perception, Soesterberg.

Theeuwes, J. & Riemersma, J.B.J. (1991). De ontwikkeling van een "RVV-carpoolteken". Report IZF 1991 C-11. TNO Instituut voor Zintuigfysiologie, Soesterberg.

Theeuwes, J. (1991). Visual search of traffic scenes. Report IZF 1991 C-18. TNO Instituut voor Zintuigfysiologie, Soesterberg.

Theeuwes, J. (1991). Selective search for the target properties color and form. Report IZF 1991 B-13, TNO Institute for Perception, Soesterberg.

Theeuwes, J. (1990). Exogenous and endogenous control of attention. Report IZF 1990 C-3. TNO Institute for Perception, Soesterberg.

Theeuwes, J. (1990). Selective search for separate stimulus dimensions. IZF 1990 C-20. TNO Institute for Perception, Soesterberg.

Theeuwes, J. & Riemersma, J.B.J. (1990). Daytime running lights: A review of theoretical issues and evaluation studies. Report IZF 1990 A-28. TNO Institute for Perception, Soesterberg

Theeuwes, J. & Riemersma, J.B.J. (1990). Een evaluatie van het bord "lijnbus op vluchtstrook" Report IZF 1990 C-5. TNO Instituut voor Zintuigfysiologie, Soesterberg

Theeuwes, J. (1989). Visual selection: exogenous and endogenous control: a review of the literature. Report IZF 1989 C-3. TNO Institute for Perception, Soesterberg.

Theeuwes, J. (1989). Conspicuity is task dependent: evidence from selective search. Report IZF 1989 C-8. TNO Institute for Perception, Soesterberg.

Theeuwes, J. (1989). Conspicuity is task dependent: visual search for uniquely colored targets. Report IZF 1989 C-16. TNO Institute for Perception, Soesterberg.

Theeuwes, J. (1989). Cross-dimensional perceptual selectivity. Report IZF 1989 C-17. TNO Institute for Perception, Soesterberg.

Theeuwes, J. (1989). Categorization and identification of simultaneous targets. Report IZF 1989-22. TNO Institute for Perception, Soesterberg.

Theeuwes, J. & van der Horst, A.R.A. (1989). Reactietijden van weggebruikers: advies over bewakingtijden van verkeerslichten. Report IZF 1989 C-22. TNO Instituut voor Zintuigfysiologie, Soesterberg

Theeuwes, J. (1988). Effects of location and form cuing on the allocation of attention in the visual field. Report IZF 1988-14. TNO Institute for Perception, Soesterberg.