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Curriculum Vitae Prof. dr. Jean Vroomen

Born: January 16, 1961 in Kerkrade, the Netherlands

Married to Elise van Cleef, 2 children

Current address

Department of Cognitive Neuropsychology, Tilburg University, Room S211

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Department

GoogleScholar (h-index = 56; >12.500 citations)

ResearchGate (>10000 citations)

Orcid

Academic training

Ph.D. Experimental Psychology, Tilburg University, Tilburg 1992 *(cum laude)*

M.A. Experimental Psychology, Tilburg University, Tilburg, 1987 *(cum laude)*

M.A. Physical Education, KALO, Tilburg, 1983

Employment

2006- present	Full professor in Cognitive Psychology (Functieleer), Tilburg University
2002 - 2006	Associate professor (UHD), Tilburg University
1992 - 2002	Assistant professor (UD), Tilburg University

1991 -1992 Senior researcher at the Institute for Perception Research (IPO), Eindhoven

Fellowships and Awards

2014 - 2018 A PhD-grant for 'Perception of multidimensional sounds in humans and birds: Are speech categories special?' with Carel ten Cate and Elia Formisano (± 250.000 Euro) from NWO-Gravity 'Language in Interaction'.

2013 – 2023 Principal Investigator in NWO-Gravity proposal 'Language in interaction' (Main applicant: Peter Hagoort, Donders Institute, Nijmegen (± 27.6 M Euro))

2002 - 2007 Vidi-grant of Netherlands Organisation for Scientific Research (NWO) for research on the cross-modal perception of space (± 660.00 Euro))

1992 – 1997 Fellowship of the Royal Dutch Academy of Arts and Sciences (KNAW) for research on language-specific aspects of spoken word recognition (± 240.000 Euro)

Supervision of PhD's

As Promoter (or Co-promoter): 13 PhD thesis in total

Revers, H. (tba).

Blomsma, P. (2022). Building embodied conversational agents: Observations on human nonverbal behaviour as a resource for the development of artificial characters.

Burgering, M. (2021). The multidimensionality of speech categorization: Exploring shared mechanisms in songbirds together with audiovisual and neural mechanisms in humans.

van Laarhoven, T (2021). Electrophysiological markers of predictive coding in multisensory integration and autism spectrum disorder.

Mansfield, K. (2019). Testing the flexibility of cognitive control using electrophysiological correlates of stimulus-response compatibility.

de Boer-Schellekens, L. (2013). The 'rehabilitating' effect of sounds: Studies on audiovisual integration in autism, schizophrenia, dyslexia and aging.

Ley, A. (2013). Learning to abstract: How short-term experience shapes neural sound representations.

Baart, M. (2012). Phonetic recalibration in audiovisual speech.

van Linden, S. (2007) Recalibration of auditory phoneme perception by lipread and lexical information.

Keetels, M. (2007). Intersensory pairing in the temporal domain.

Frissen, I. (2005). Visual recalibration of auditory spatial perception. (*Co-*)

Tuomainen, J. ((2001). Language specific cues to segmentation of spoken words in Finish. (*Co-)*

van Zon, M (1997) Speech processing in Dutch: A cross-linguistic approach. (*Co-*)

As External member of PhD-committees: 35 PhD's in total

As Supervisor of Bachelor or Master thesis: ~15 Master thesis per year; ~250 in total

Teaching activities (selection)

1992 – present	Teacher Introductory course 'Cognitive psychology', Tilburg University, the Netherlands
1990 – 1994	Teacher Master course 'Artificial intelligence and Knowledge representation', Tilburg University, the Netherlands
1994 – 1998	Teacher Master course 'Cognition', Tilburg University, the Netherlands

Organisation of scientific meetings

2014	Main organizer of the 15th International Multisensory Research Forum (IMRF2014), Amsterdam, the Netherlands, June 11th – June 14th, 2014
2007	Main organizer of the International Conference on Audio-Visual Speech Processing (AVSP2007), Hilvarenbeek, The Netherlands, August 31 – Sep 2, 2007
2011	Symposium organizer on 'Auditory learning' at 17th Meeting of the European Society for Cognitive Psychology (ESCOP 2011), Donostia - San Sebastián, Spain, September 29th - October 2nd, 2011
1992 -	Numerous (>25) small-scale symposia and local conferences

Institutional responsibilities

2013 - 2022	Head of the Department Cognitive Neuropsychology, Tilburg University
2006 - 2012	Head of the Department Medische Psychologie & Neuropsychologie/ section Neuropsychologie
2006 - 2012	Director of the Educational Bachelor program Psychology, Tilburg University
2010 - 2016	Member of the Advisory Board for Individual Research Grants, Tilburg University
1992 - present	Faculty member, Tilburg University, the Netherlands

Commissions of trust

2022	Member of the NVAO accrediting program for Research masters RUG, UvA and VU
2022	Member of the NWO 'Vidi-program' board
2021	Member of the NWO 'Vidi-program' board

2017	Member of the NWO ‘Research Talent’ board
2014	Editor ‘Experimental Brain Research’, special issue on ‘Multisensory processing’
2014 – present	Associate Editor ‘Frontiers in Human Neuroscience’
2007 – 2008	Associate Editor ‘Perception & Psychophysics’
2004 – 2007	Consulting Editor ‘Perception & Psychophysics’
1999 – present	Member editorial board ‘Journal of Experimental Psychology: Human Perception and Performance’
2008 – 2021	Member editorial board ‘Acta Psychologica’
Ad hoc reviewer:	Biological Psychology, Cognitive Brain Research, Cognitive Psychology, Cognition, Current Biology, Developmental Psychology, Emotion, Experimental Brain Research, Journal of Neurophysiology, Journal of Experimental Psychology: Human Perception and Performance, Journal of Cognitive Neuroscience, Journal of Memory and Language, Nature, Neuropsychologia, Neuroimage, Memory and Cognition, Psychological Science, Psychophysiology, Trends in Cognitive Science, Vision Research

2000 – 2013	President of the Audio-Visual Speech Association (AVISA)
2012 – present	Member of the Scientific board of the National Aerospace Laboratory (NLR)
2004 – 2006	Member of ‘College van referenten’, NWO
2006 – present	Grant reviewer of various Veni and Vidi-grants for NWO
2005, 2014	Member of Research Council for Culture and Society, Academy of Finland

Memberships of scientific societies

Member of:	Psychonomic Society, Audiovisual Speech Association (AVISA; first president), European Society for Cognitive Psychology (ESCOP), American Psychological Society, Dutch Psychonomic Society.

Major collaborations

Prof. dr. Elia Formisano, *fMRI*, University of Maastricht, Maastricht, the Netherlands

Dr. Jeroen Stekelenburg, *EEG*, Tilburg University, the Netherlands

Dr. Mirjam Keetels, *Psychophysics*, Tilburg University, the Netherlands

Prof. Dr. Heather Bortfeld, *Infants*, University of Connecticut, USA

Dr Martijn Baart, *Children*, Basque Center on Cognition, Brain and Language, Spain

Mart Eussen (MD), *Autism*, Yulius Academie, Rotterdam, the Netherlands

Contributions to society

Lecturer for KinderUniveristeit https://www.youtube.com/watch?time_continue=3473&v=iJSFMVrdY-I

Citations and Impact on the field

Jean Vroomen published more than 160 peer reviewed papers (30 papers as first author, 70 papers as a senior author) and 15 book chapters (reviewed). He published in Journal of Experimental Psychology: Human Perception and Performance (7 papers), Neuropsychologia (5), Cognition (3), and Psychological Science (2). These journals lay at the heart of Experimental Psychology. In recent years he also published in neuro-oriented journals.

Refereed publications (international)

138. Pourhashemi, F., Baart, M., van Laarhoven T., & **Vroomen, J.** (2024). Perceptual adaptation to noise vocoded speech by lipread information: No difference between dyslexic and typical readers. Multisensory Research, xx. **(IF = 1.600)** **(pdf)**

137. Syed, I., Baart, M., & **Vroomen, J.** (2024). The multimodal trust effects of face, voice, and sentence content. Multisensory Research, xx. https://doi.org/10.1163/22134808-bja10119 **(IF = 1.600)** **(pdf)**

136. Van der Burg, E., Baart, M., **Vroomen, J.**, Zhang, H., & Alais, D. (2024). Opposing serial dependencies revealed for sequences of auditory emotional stimuli. Perception, 0(0). https://doi.org/10.1177/03010066241235562 . **(IF = 1.695)** **(pdf)**

135. Swider-Cios, E., Turk, E., Levy, Y., Beeghly, M., **Vroomen, J.,** & van den Heuvel, M. I. (2024). The association of maternal-infant interactive behavior, dyadic frontal alpha asymmetry, and maternal anxiety in a smartphone-adapted still face paradigm. Developmental Cognitive Neuroscience, 56. https://doi.org/10.1016/j.dcn.2024.101352 **(IF = 5.811)** **(pdf)**

134. Revers, H., van Deun, K., **Vroomen, J.** & Bastiaansen, M. (2023). Neural responses to facial attractiveness: event-related potentials differentiate between salience and valence effects. Biological Psychology. https://doi.org/10.1016/j.biopsycho.2023.108549 **(IF = 2.627)** **(pdf)**

133. Pourhashemi, F., Baart, M., van Laarhoven T., & **Vroomen, J.** (2022). Want to quickly adapt to distorted speech and become a better listener? Read lips, not text. PLoS ONE 17(12): e0278986. https://doi.org/10.1371/journal.pone.0278986 **(IF = 3.700)** **(pdf)**

132. Revers, H., van Deun, K., Strijbosch, W., **Vroomen, J.**, & Bastiaansen, M. (2022). Decoding the neural responses to experiencing disgust and sadness. Brain Research. https://doi.org/10.1016/j.brainres.2022.148034. **(IF = 3.252)** **(pdf)**

131. Turk, E., **Vroomen, J.**, Fonken, Y., Levy, J., van den Heuvel, M. I. (2022). In sync with your child: The potential of parent-child EEG in developmental research. Developmental Psychobiology, https://doi.org/10.1002/dev.22221. **(IF = 3.038)** **(pdf)**

130. van Laarhoven, T., Stekelenburg, J. J., & **Vroomen, J.** (2021). Suppression of the auditory N1 by visual anticipatory motion is modulated by temporal and identity predictability. Psychophysiology, https://doi.org/10.1111/psyp.13749 **(IF = 3.692)** **(pdf)**

129. **Vroomen, J**., & Stekelenburg, J. J. (2021). Comment on “Differential Effects of the Temporal and Spatial Distribution of Audiovisual Stimuli on Cross-Modal Spatial Recalibration”. European Journal of Neuroscience, https://doi.org/10.1111/ejn.15001 **(IF = 3.115) (pdf)**

128. McLean, M. A., Van den Bergh, B. R. H., Baart, M., **Vroomen, J.**, & van den Heuvel, M. I. (2020). The late positive potential (LPP): A neural marker of internalizing problems in early childhood. International Journal of Psychophysiology. https://doi.org/10.1016/j.ijpsycho.2020.06.005 **(IF = 2.407) (pdf)**

127. **Vroomen, J**., & Keetels, M. (2020). Perception of causality and synchrony dissociate in the audiovisual bounce-inducing effect (ABE). Cognition, 204, 104340. https://doi.org/10.1016/j.cognition.2020.104340 **(IF = 3.537) (pdf)**

126. Bastiaansen, M., Berberyan, H., Stekelenburg, J. J., Schoffelen, J. M., & **Vroomen, J.** (2020). Are alpha oscillations instrumental in multisensory synchrony perception? Brain Research, 146744. https://doi.org/10.1016/j.brainres.2020.146744 **(IF = 2.937) (pdf)**

125. Burgering, M., van Laarhoven, T., Baart, M., & **Vroomen, J**. (2020). Fluidity in the perception of auditory speech: Cross-modal recalibration of voice gender and vowel identity by a talking face. Quarterly Journal of Experimental Psychology, 174702181990088. https://doi.org/10.1177/1747021819900884. **(IF = 2.488) (pdf)**

124. van Laarhoven, T., Stekelenburg, J. J., Eussen, M. L., & **Vroomen, J**. (2020). Atypical visual-auditory predictive coding in autism spectrum disorder: Electrophysiological evidence from stimulus omissions. Autism, 136236132092606. https://doi.org/10.1177/1362361320926061 **(IF = 4.724) (pdf)**

123. Drewing, K., Hartmann, F., & **Vroomen, J.** (2019). The crossed-hands deficit in temporal order judgments occurs for present, future, and past hand postures. In 2019 IEEE World Haptics Conference, WHC 2019 (pp. 145–150). Institute of Electrical and Electronics Engineers Inc. https://doi.org/10.1109/WHC.2019.8816125 **(pdf)**

122. Lindborg, A., Baart, M., Stekelenburg, J. J., **Vroomen, J.**, & Andersen, T. S. (2019). Speech-specific audiovisual integration modulates induced theta-band oscillations. PLOS ONE, 14(7), e0219744. doi.org/10.1371/journal.pone.0219744 **(IF = 2.766) (pdf)**

121. van Laarhoven, T., Stekelenburg, J. J., & **Vroomen, J.** (2019). Increased sub-clinical levels of autistic traits are associated with reduced multisensory integration of audiovisual speech. Scientific Reports, 9 doi.org/10.1038/s41598-019-46084-0 **(IF = 4.525) (pdf)**

120. McQueen, J. M., Eisner, F., Burgering, M. A., & **Vroomen, J.** (2019). Specialized Memory Systems for Learning Spoken Words. Journal of Experimental Psychology: Learning Memory and Cognition. https://doi.org/10.1037/xlm0000704 **(IF = 2.319) (pdf)**

119. van Laarhoven, T., Stekelenburg, J. J., Eussen, M. L. J. M., & **Vroomen, J.** (2019). Electrophysiological alterations in motor‐auditory predictive coding in autism spectrum disorder. Autism Research, 12(4), 589‐599. https://doi.org/10.1002/aur.2087 **(IF = 3.768) (pdf)**

118. Burgering, M. A., **Vroomen, J.**, & ten Cate, C. (2019). Zebra finches (Taeniopygia guttata) can categorize vowel-like sounds on both the fundamental frequency (“pitch”) and spectral envelope. Journal of Comparative Psychology, 133(1), 106–117. https://doi.org/10.1037/com0000143 **(IF = 2.268) (pdf)**

117. Keetels, M., Bonte, M., & **Vroomen, J.** (2018). A selective deficit in phonetic recalibration by text in developmental dyslexia. Frontiers in Psychology: Language Sciences, 9, article 710. doi: 10.3389/fpsyg.2018.00710 **(IF = 2.323)**. **(pdf)**

116. Baart, M., & **Vroomen, J.** (2018). Recalibration of vocal affect by a dynamic face. Experimental Brain Research, 236, 1911-1918. doi:10.1007/s00221-018-5270-y **(IF = 1.917)**. **(pdf)**

115. Stekelenburg, J. J., Keetels, M. N., & **Vroomen, J.** (2018). Multisensory integration of speech sounds with letters versus visual speech: Only visual speech induces the mismatch negativity (MMN). European Journal of Neuroscience, 47, 1135-1145. **(IF = 2.941)**. **(pdf)**

114. Burgering, M. A., ten Cate, C., **Vroomen, J.** (2018). Mechanisms underlying speech sound discrimination and categorization in humans and zebra finches. Animal Cognition, 21, 285-299 **(IF = 2.209)**. Doi:10.1007/s10071-018-1165-3 **(pdf)**

113. Sugano, Y., Keetels, M., & **Vroomen, J.** (2017). Audio-motor but not visuo-motor temporal recalibration speeds up sensory processing. PLOS ONE, 12, article e12504. doi:/10.1371/journal.pone.0189242 **(IF = 2.806)**. **(pdf)**

112. Bonte, M., Correia, J., Keetels, M., **Vroomen, J.**, and Formisano, E. (2017). Reading-induced shifts of perceptual speech representations in auditory cortex. Scientific Reports, 7, article 5143. doi:10.1038/s41598-017-05356-3 **(IF = 5.228)**. (pdf)

111. van Laarhoven, T., Stekelenburg, J. J., & **Vroomen, J.** (2017). Temporal and identity prediction in visual-auditory events: Electrophysiological evidence from stimulus omissions. Brain Research, 1661, 79-87. doi:10.1016/j.brainres.2017.02.014 **(IF = 2.561)**. (pdf)

110. van Laarhoven, T., Keetels, M., Schakel, L., & **Vroomen, J.** (2016). Audio-visual speech in noise perception in dyslexia. Developmental Science, xx, xxx-xxx. . doi:10.1111/desc.12504 **(IF = 3.982)**. (pdf)

109. Talsma, D., & **Vroomen, J.** (2016). Introduction to the Special Issue on Multisensory Processing. Experimental Brain Research, 235, 1161. doi:10.1007/s00221-016-4626-4 **(IF = 2.036)**. (pdf)

108. Keetels, M., Stekelenburg, J. J., & **Vroomen, J.** (2016). A spatial gradient in phonetic recalibration by lipread speech. Journal of Phonetics, 56, 124-130. doi:10.1016/j.wocn.2016.02.005 **(IF =1.598)** (pdf)

107. Keetels, M., Schakel, L., Bonte, M., & **Vroomen, J.** (2016). Phonetic recalibration of speech by text. Attention, Perception & Psychophysics, 78, 938-945. doi:10.3758%2Fs13414-015-1034-y **(IF = 2.168)** (pdf)

106. Sugano, Y., Keetels, M. N., & **Vroomen, J.** (2016). Auditory dominance in motor-sensory temporal recalibration. Experimental Brain Research, 234, 1249-1262. doi:10.1007/s00221-015-4497-0 **(IF = 2.036)** (pdf)

105. Swerts, M., & **Vroomen, J.** (2015). Accent shifts in spoken noun phrases affect verification latencies of listeners in Dutch but not Canadian French. Journal of Phonetics, 52, 170-182. doi:10.1016/j.wocn.2015.07.005 **(IF = 1.598)** **(pdf)**

104. Keetels, M., Pecoraro, M., & **Vroomen, J.** (2015). Recalibration of auditory phonemes by lipread speech is ear-specific. Cognition, 141, 121-126. doi.org/10.1016/j.cognition.2015.04.019 **(IF = 3.634)** **(pdf)**

103. Stekelenburg, J. J., & **Vroomen, J.** (2015). Predictive coding of visual-auditory and motor-auditory events: An electrophysiological study. Brain Research, 1626, 88 – 96. doi:10.1016/j.brainres.2015.01.036 **(IF = 2.828)** **(pdf)**

102. Baart, M., Bortfeld, H., & **Vroomen, J.** (2015). Phonetic matching of auditory and visual speech develops during childhood: Evidence from sine-wave speech. Journal of Experimental Child Psychology, 129, 157-164. doi:10.1016/j.jecp.2014.08.002 **(IF = 2.635)** **(pdf)**

101. Ley, A., **Vroomen, J.**, & Formisano, E. (2014). How learning to abstract shapes neural sound representations. Frontiers in Neuroscience: Auditory Cognitive Neuroscience, 8. doi:10.3389/fnins.2014.00132 **(IF=NA) (pdf)**

100. **Vroomen, J.** & Stekelenburg, J. J. (2014). A bias-free two-alternative forced choice procedure to examine intersensory illusions applied to the ventriloquist effect by flashes and averted eye-gazes. European Journal of Neuroscience, 39, 1491-1498. doi:10.1111/ejn.12525 **(IF = 3.753) (pdf)**

99. Baart, M., **Vroomen, J.**, Shaw, K., & Bortfeld, H. (2014). Degrading phonetic information affects matching of audiovisual speech in adults, but not in infants. Cognition, 130, 31-43. doi:10.1016/j.cognition.2013.09.006 **(IF = 3.523)**. **(pdf)**

98. Baart, M., Stekelenburg, J. J., **Vroomen, J.** (2014). Electrophysiological evidence for speech-specific audiovisual Integration. Neuropsychologia, 53, 115-121. doi:10.1016/j.neuropsychologia.2013.11.011 **(IF = 3.477) (pdf)**

97. de Boer-Schellekens, & **Vroomen, J.** (2014). Multisensory integration compensates loss of sensitivity of visual temporal order in the elderly. Experimental Brain Research. 232, 253-262. doi:10.1007/s00221-013-3736-5 **(IF = 2.221) (pdf)**

96. Sugano, Y., Keetels, M., & **Vroomen, J.** (2014). Concurrent sensorimotor temporal recalibration to different lags for the left and right hand. Frontiers in Psychology, 5:140. doi:10.3389/fpsyg.2014.00140 **(IF = NA) (pdf)**

95. de Boer-Schellekens, L., Stekelenburg, J. J., Maes, J. P., van Gool, A. R., & **Vroomen, J.** (2014). Sound improves diminished visual temporal sensitivity in schizophrenia. Acta Psychologica. 147, 136-142. doi:10.1016/j.actpsy.2013.06.013 **(IF = 2.206) (pdf)**

94. Zouridakis, G., Baart, M., Stekelenburg, J. J., & **Vroomen, J.** (2013). Speech perception: single trial analysis of the N1/P2 complex of unimodal and audiovisual evoked responses. Proceedings of the 13th IEEE International Conference on Bioinformatics and Bioengineering, (paper ID 165), Chania, Greece. doi:10.1109/BIBE.2013.6701590 **(pdf)**

93. de Boer, L., Keetels, M., Eussen, M., **Vroomen, J.** (2013). No evidence for impaired multisensory integration of low-level audiovisual stimuli in adolescents and young adults with autism spectrum disorders. Neuropsychologia, 51, 3004-3013. doi:10.1016/j.neuropsychologia.2013.10.005 **(IF = 3.477) (pdf)**

92. Hidaka, S., Teramoto, W., Keetels, M., & **Vroomen, J.** (2013). Effect of pitch-space correspondence on sound-induced visual motion perception. Experimental Brain Research, 231, 117-126. doi:10.1007/s00221-013-3674-2 **(IF = 2.221) (pdf)**

91. Stekelenburg, J. J., Maes, J. P., van Gool, A. R., Sitskoorn, M., & **Vroomen, J.** (2013). Deficient multisensory integration in schizophrenia: An event-related potential study. Schizophrenia Research, 147, 253-261. doi:10.1016/j.schres.2013.04.038 **(IF = 4.748) (pdf)**

90. Chen, L., & **Vroomen, J.** (2013). Intersensory binding across space and time: A tutorial review. Attention, Perception, & Psychophysics, 75, 790-811. doi:10.3758/s13414-013-0475-4 **(IF= 2.039) (pdf)**

89. de Boer-Schellekens, L., Eussen, M., & **Vroomen, J.** (2013). Diminished sensitivity of audiovisual temporal order in autism spectrum disorder. Frontiers in Integrative Neuroscience, 7:8. doi:10.3389/fnint.2013.00008 **(IF = NA) (pdf)**

88. Ley, A., **Vroomen, J.**, Hausfeld, L., Valente, G., de Weerd, P., & Formisano, E. (2012). Learning of new sound categories shapes neural response patterns in human auditory cortex. The Journal of Neuroscience, 32, 13273-13280. doi:10.1523/JNEUROSCI.0584-12.2012 **(IF = 7.115) (pdf)**

87. Sugano, Y., Keetels, M., & **Vroomen, J.** (2012). The build-up and transfer of sensorimotor temporal recalibration measured via a synchronization task. Frontiers in Perception Science. doi:10.3389/fpsyg.2012.00246 **(IF = NA) (pdf)**

86. Stekelenburg, J. J., & **Vroomen, J.** (2012). Electrophysiological correlates of predictive coding of auditory location in the perception of natural audiovisual events. Frontiers in Integrative Neuroscience. 6. doi:10.3389/fnint.2012.00026 **(IF = NA) (pdf)**

85. Keetels, M., & **Vroomen, J.** (2012). Exposure to delayed visual feedback of the hand changes motor-sensory synchrony perception. Experimental Brain Research, 219, 431-440. doi:10.1007/s00221-012-3081-0 **(IF = 2.296) (pdf)**

84. Baart, M., de Boer-Schellekens, L. & **Vroomen, J.** (2012). Lipread-induced phonetic recalibration in dyslexia. Acta Psychologica, 140, 91-95. doi:10.1016/j.actpsy.2012.03.003 **(IF = 2.246) (pdf)**

83. Stekelenburg, J. J., & **Vroomen, J.** (2012). Electrophysiological evidence for a multisensory speech-specific mode of perception. Neuropsychologia, 50, 1425-1431. doi:10.1016/j.neuropsychologia.2012.02.027 **(IF = 3.949) (pdf)**

82. de Boer-Schellekens, L., & **Vroomen, J.** (2012). Sound can improve visual search in developmental dyslexia. Experimental Brain Research, 216, 243-248. doi:10.1007/s00221-011-2926-2 **(IF = 2.296) (pdf)**

81. Frissen, I., **Vroomen, J.**, & de Gelder, B. (2012). The aftereffects of ventriloquism: The time course of the visual recalibration of auditory localization. Seeing and Perceiving, 25, 1-14. doi:10.1163/187847611X620883 **(IF = NA) (pdf)**

80. Kilian-Hütten, N., **Vroomen, J.**, & Formisano, E. (2011). Brain activation during audiovisual exposure anticipates future perception of ambiguous speech. NeuroImage, 57, 1601-1607. doi:10.1016/j.neuroimage.2011.05.043 **(IF = 5.739) (pdf)**

79. Stekelenburg, J. J., Sugano, Y., & **Vroomen, J.** (2011). Neural correlates of motor-sensory temporal recalibration. Brain Research, 1397, 46-54. doi:10.1016/j.brainres.2011.04.045 **(IF = 2.463) (pdf)**

78. Schouten, B., Troje, N. F., **Vroomen, J.**, & Verfaillie, K. (2011). The effect of looming and receding sounds on the perceived in-depth orientation of depth-ambiguous biological motion figures. PLoS ONE, 6(2), e14725. doi:10.1371/journal.pone.0014725 **(IF = 4.351) (pdf)**

77. Kilian-Hütten, N., Valente, G., **Vroomen, J.**, & Formisano, E. (2011). Auditory cortex encodes the perceptual interpretation of ambiguous sound. The Journal of Neuroscience, 31, 1715-1720. doi:10.1523/JNEUROSCI.4572-10.2011 **(IF = 7.178) (pdf)**

76. **Vroomen, J.**, & Stekelenburg, J. J. (2011). Perception of intersensory synchrony in audiovisual speech: Not that special. Cognition, 118, 78-86. doi:10.1016/j.cognition.2010.10.002 **(IF = 3.562) (pdf)**

75. Keetels, M., & **Vroomen, J.** (2011). No effect of synesthetic congruency on temporal ventriloquism. Attention, Perception, & Psychophysics, 73, 209-218. doi:10.3758/s13414-010-0019-0 **(IF = 1.424) (pdf)**

74. Keetels, M., & **Vroomen, J.** (2011). Sound affects the speed of visual processing. Journal of Experimental Psychology: Human Perception and Performance, 37, 699-709. doi:10.1037/a0020564 **(IF = 2.947) (pdf)**

73. **Vroomen, J.** (2010). Causal inference in audiovisual speech: Comment on “Crossmodal influences on visual perception" by L. Shams. Physics of Life Reviews, 7, 289-290. doi:10.1016/j.plrev.2010.06.010 **(IF = 2.545) (pdf)**

72. Baart, M., & **Vroomen, J.** (2010). Phonetic recalibration does not depend on working memory. Experimental Brain Research, 203, 575 - 582. doi:10.1007/s00221-010-2264-9 **(IF = 2.195)** **(pdf)**

71. Baart, M., & **Vroomen, J.** (2010). Do you see what you're hearing?: Crossmodal effects of speech sounds on lipreading. Neuroscience Letters, 471, 100-103. doi:10.1016/j.neulet.2010.01.019 **(IF = 2.200)** **(pdf)**

70. **Vroomen, J.**, & Keetels, M. (2010). Perception of intersensory synchrony: A tutorial review. Attention, Perception, & Psychophysics, 72, 871-884. doi:10.3758/APP.72.4.871 **(IF = 1.424)** **(pdf)**

69. Sugano, Y., Keetels, M., & **Vroomen, J.** (2010). Adaptation to motor-visual and motor-auditory temporal lags transfer across modalities. Experimental Brain Research, 201, 393-399. doi:10.1007/s00221-009-2047-3 **(IF = 2.195)** **(pdf)**

68. **Vroomen, J.**, & Stekelenburg, J. J. (2010). Visual anticipatory information modulates multisensory interactions of artificial audiovisual stimuli. Journal of Cognitive Neuroscience, 22, 1583-1596. doi:10.1162/jocn.2009.21308 **(IF = 4.997)** **(pdf)**

67. **Vroomen, J.**, & de Gelder, B. (2009). In memory of Paul Bertelson (1926-2008). Brain Topography, 21, 155-156. **(IF = 1.179)** **(pdf)**

66. Stekelenburg, J. J., & **Vroomen, J.** (2009). Neural correlates of audiovisual motion capture. Experimental Brain Research, 198, 383-390. **(IF = 2.195)** **(pdf)**

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64. **Vroomen, J.**, & Keetels, M. (2009). Sounds change four-dot masking. Acta Psychologica, 130, 58-63. **(IF = 2.155)** **(pdf)**

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Romanovska, L. (2021)	/aba/ or /ada/, that is the question: Longitudinal investigation of letter-speech sound processing in children with and without developmental dyslexia
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