

Publikationen

Prof. Dr. Muna van Ermingen-Marbach

2010

Heim, S., Grande, M., Pape-Neumann, J., van Ermingen, M., Meffert, E., Grabowska, A., Huber, W. & Amunts, K. (2010). Interaction of phonological awareness and magnocellular processing during normal and dyslexic reading: Behavioural and fMRI investigations. *Dyslexia*, 16, 258–282.

Heim, S., van Ermingen, M., Huber, W. & Amunts, K. (2010). Left cytoarchitectonic BA 44 processes syntactic gender violations in determiner phrases. *Human Brain Mapping* [Epub ahead of print 8 Feb. 2010]

2012

Brinkhaus, M., van Ermingen-Marbach, M., Grande, M., Reimers, J., Pape-Neumann, J., Sturm, W. & Heim, S. (2012). Training bei Dyslexie: Hirnfunktionelle Veränderungen. *Sprache Stimme Gehör*, 36, 28 - 29.

Repscher, S., Grande, M., Heim, S., van Ermingen, M. & Pape-Neumann, J. (2012). Entwicklung parallelisierter Wortlisten zur Verlaufsdiagnostik bei dyslektischen Kindern. (Developing parallelized word lists for a repeated testing of dyslectic children). *Sprache, Stimme, Gehör*, 36, 33-39.

2013

Hillen R., Günther T., Kohlen C., Eckers C., van Ermingen-Marbach M., Sass K., Scharke W., Vollmar J., Radach R. & Heim S. (2013). Identifying brain systems for gaze orienting during reading: fMRI investigation of the Landolt paradigm. *Front Hum Neurosci*; 7: 384.

van Ermingen-Marbach M., Pape-Neumann J., Grande M., Grabowska A. & Heim S. (2013). Distinct neural signatures of cognitive subtypes of dyslexia: Effects of lexicality during phonological processing. *Acta Neurobiol Exp (Wars)*; 73(3): 404-16. van

Ermingen-Marbach, M., Grande, M., Pape-Neumann, J., Sass, K. & Heim, S. (2013). Distinct Neural Signatures of Cognitive Subtypes of Dyslexia: An fMRI Study on Phonological Processing in Developmental Dyslexics with and without Phonological Deficits. *Neuroimage Clinical*, 2, 477-490.

2014

Brinkhaus, M., van Ermingen-Marbach, M., Grande, M., Reimers, J., Pape-Neumann, J., Sturm, W. & Heim, S. (2014). Subtypen-spezifisches Training bei Dyslexie: Eine fMRT-Studie zur Aufmerksamkeit. *Lernen und Lernstörungen*; 3, 87-116.

Huestegge, L., Rohrssen, J., van Ermingen-Marbach, M., Pape-Neumann, J. & Heim, S. (2014). Devil in the details? Developmental dyslexia and visual long-term memory for details. *Front Psychol*; 5: 686.

van Ermingen-Marbach, M., Verhalen, N., Grande, M., Heim, S., Mayer, A. & PapeNeumann, J. (2014). Orientierungswerte für die Benennungsgeschwindigkeit bei leseunauffälligen Kindern im Alter von 9 bis 11 Jahren (Standards for Rapid Automated Naming Performances in Normal Reading Children at the age of 9–11) *Sprache Stimme Gehör*; 38(04): 28-32.

2015

Jednoróg, K., Marchewka, A., Altarelli, I., Monzalvo Lopez, A.K., van ErmingenMarbach, M., Grande, M., Grabowska, A., Heim, S. & Ramus, F. (2015). How reliable are gray matter disruptions in specific reading disability across multiple countries and languages? Insights from a largescale voxel-based morphometry study. *Hum Brain Mapp*; 36(5): 1741-54.

Pape-Neumann, J., Ermingen-Marbach, M., Grande, M., Willmes, K. & Heim, S. (2015). The role of phonological awareness in treatments of dyslexic primary school children. *Acta Neurobiol Exp (Wars)*; 75(1): 80-106.

Pape-Neumann, J., van Ermingen-Marbach, M., Verhalen, N., Heim, S. & Grande, M. (2015). Rapid Automated naming, Verarbeitungsgeschwindigkeit und Leseflüssigkeit *Sprache Stimme Gehör*; 39: 3035.

Heim, S., Pape-Neumann, J., van Ermingen-Marbach, M., Brinkhaus, M. & Grande, M. (2015). Shared vs. specific brain activation changes in dyslexia after training of phonology, attention, or reading. *Brain Struct Funct*; 220(4): 2191-207.

2017

Płoński, P., Gradkowski, W., Altarelli, I., Monzalvo, K., van Ermingen-Marbach, M., Grande, M., Heim, S., Marchewka, A., Bogorodzki, P., Ramus, F. & Jednoróg, K. (2017). Multi-parameter machine learning approach to the neuroanatomical basis of developmental dyslexia. *Hum Brain Mapp*; 38(2): 900908.2015