

6. Literaturliste

Name, Titel, Zeitschrift oder Buch, Band (Jahr), Seite

- 1 Aaltonen, O., Eerola, O., Lang, A.H., Uusipaikka, E. and Tuomainen, J., Automatic discrimination of phonetically relevant and irrelevant vowel parameters as reflected by mismatch negativity, *J Acoust Soc Am*, 96 (1994) 1489-1493.
- 2 Aaltonen, O., Niemi, P., Nyrke, T. and Tuhkanen, M., Event-related brain potentials and the perception of a phonetic continuum, *Biol Psychol*, 24 (1987) 197-207.
- 3 Aaltonen, O., Tuomainen, J., Laine, M. and Niemi, P., Cortical differences in tonal versus vowel processing as revealed by an ERP component called mismatch negativity (MMN), *Brain Lang*, 44 (1993) 139-152.
- 4 Alain, C., Woods, D.L. and Ogawa, K.H., Brain indices of automatic pattern processing, *Neuroreport*, 6 (1994) 140-144.
- 5 Albrecht, R., Suchodoletz, W. and Uwer, R., The development of auditory evoked dipole source activity from childhood to adulthood, *Clin Neurophysiol*, 111 (2000) 2268-2276.
- 6 Alho, K., Cerebral generators of mismatch negativity (MMN) and its magnetic counterpart (MMNm) elicited by sound changes, *Ear Hear*, 16 (1995) 38-51.
- 7 Alho, K., Huotilainen, M., Tiitinen, H., Ilmoniemi, R.J., Knuutila, J. and Näätänen, R., Memory-related processing of complex sound patterns in human auditory cortex: a MEG study, *Neuroreport*, 4 (1993) 391-394.
- 8 Alho, K., Sainio, K., Sajaniemi, N., Reinikainen, K. and Näätänen, R., Event-related brain potential of human newborns to pitch change of an acoustic stimulus, *Electroencephalogr Clin Neurophysiol*, 77 (1990) 151-155.
- 9 Alho, K., Tervaniemi, M., Huotilainen, M., Lavikainen, J., Tiitinen, H., Ilmoniemi, R.J., Knuutila, J. and Näätänen, R., Processing of complex sounds in the human auditory cortex as revealed by magnetic brain responses, *Psychophysiology*, 33 (1996) 369-375.
- 10 Alho, K., Woods, D.L., Algazi, A., Knight, R.T. and Näätänen, R., Lesions of frontal cortex diminish the auditory mismatch negativity, *Electroencephalogr Clin Neurophysiol*, 91 (1994) 353-362.
- 11 Alho, K., Woods, D.L., Algazi, A. and Näätänen, R., Intermodal selective attention. II. Effects of attentional load on processing of auditory and visual stimuli in central space, *Electroencephalogr Clin Neurophysiol*, 82 (1992) 356-368.
- 12 Alho, K., Woods, D.L., Algazi, A. and Näätänen, R., Intermodal selective attention. II. Effects of attentional load on processing of auditory and visual stimuli in central space, *Electroencephalogr Clin Neurophysiol*, 82 (1992) 356-368.
- 13 Angermaier M., *Psycholinguistischer Entwicklungstest (PET)*, Weinheim, 1974.
- 14 Atienza, M., Cantero, J.L. and Gomez, C.M., The mismatch negativity component reveals the sensory memory during REM sleep in humans, *Neurosci Lett*, 237 (1997) 21-24.
- 15 AWFm-Leitfaden Nr.028/017. Umschriebene Entwicklungsstörungen im Schulalter, 1999.

- 16 Barnet, A.B., Auditory evoked potentials during sleep in normal children from ten days to three years of age, *Electroencephalogr Clin Neurophysiol*, 39 (1975) 29-41.
- 17 Becker, P, Schaller S, and Schmidtke A. Dt. Bearbeitung des Coloured Progressive Matrices nach Raven (CPM), 1980.
- 18 Birbaumer, N. and Schmidt, R.F., Ereigniskorrierte Hirnpotentiale (EKP). Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1989, S. 470-480.
- 19 Bottcher-Gandor, C. and Ullsperger, P., Mismatch negativity in event-related potentials to auditory stimuli as a function of varying interstimulus interval, *Psychophysiology*, 29 (1992) 546-550.
- 20 Brinkmann K., Europäische und internationale Normen - Voraussetzung für einheitliches Messen in der Akustik, *PTB-Mitt*, 102 (1992) 107-114.
- 21 Brody, B.A., Kinney, H.C., Kloman, A.S. and Gilles, F.H., Sequence of central nervous system myelination in human infancy. An autopsy study of myelination, *J Neuropathol Exp Neurol*, 46 (1987) 283-301.
- 22 Brunner M., Seibert A. Dierks A. Körkel B. Heidelberger Lautdifferenzierungstest (H-LAD) Prüfung der auditiv-kinästhetischen Wahrnehmungstrennschärfe zur Differenzierung der Ursachen bei Lese-Rechtschreibschwäche. (Handanweisung). 1999.
- 23 Byring, R. and Jarvilehto, T., Auditory and visual evoked potentials of schoolboys with spelling disabilities, *Dev Med Child Neurol*, 27 (1985) 141-148.
- 24 Campbell, K.B., Bell, I. and Bastien, C., Evoked potential measures of information processing during natural sleep. In R. Broughton and R. Ogilvie, *Sleep, arousal and performance*, Birkhauser, M.A., Cambridge, 1991, S. 88-116.
- 25 Ceponiene, R., Cheour, M. and Näätänen, R., Interstimulus interval and auditory event-related potentials in children: evidence for multiple generators, *Electroencephalogr Clin Neurophysiol*, 108 (1998) 345-354.
- 26 Ceponiene, R., Hukki, J., Cheour, M., Haapanen, M.L., Koskinen, M., Alho, K. and Näätänen, R., Dysfunction of the auditory cortex persists in infants with certain cleft types, *Dev Med Child Neurol*, 42 (2000) 258-265.
- 27 Ceponiene, R., Service, E., Kurjenluoma, S., Cheour, M. and Näätänen, R., Children's performance on pseudoword repetition depends on auditory trace quality: evidence from event-related potentials, *Dev Psychol*, 35 (1999) 709-720.
- 28 Chambers, R.D., Rowan, L.E., Matthies, M.L. and Novak, M.A., Auditory brain-stem responses in children with previous otitis media, *Arch Otolaryngol Head Neck Surg*, 115 (1989) 452-457.
- 29 Cheour-Luhtanen, M., Alho, K., Kujala, T., Sainio, K., Reinikainen, K., Renlund, M., Aaltonen, O., Eerola, O. and Näätänen, R., Mismatch negativity indicates vowel discrimination in newborns, *Hear Res*, 82 (1995) 53-58.
- 30 Cheour-Luhtanen, M., Alho, K., Kujala, T., Sainio, K., Reinikainen, K., Renlund, M., Aaltonen, O., Eerola, O. and Näätänen, R., Mismatch negativity indicates vowel discrimination in newborns, *Hear Res*, 82 (1995) 53-58.

- 31 Cheour-Luhtanen, M., Alho, K., Kujala, T., Sainio, K., Reinikainen, K., Renlund, M., Aaltonen, O., Eerola, O. and Näätänen, R., Mismatch negativity indicates vowel discrimination in newborns, *Hear Res*, 82 (1995) 53-58.
- 32 Cheour-Luhtanen, M., Alho, K., Sainio, K., Rinne, T., Reinikainen, K., Pohjavuori, M., Renlund, M., Aaltonen, O., Eerola, O. and Näätänen, R., The ontogenetically earliest discriminative response of the human brain, *Psychophysiology*, 33 (1996) 478-481.
- 33 Cheour, M., Alho, K., Ceponiene, R., Reinikainen, K., Sainio, K., Pohjavuori, M., Aaltonen, O. and Näätänen, R., Maturation of mismatch negativity in infants, *Int J Psychophysiol*, 29 (1998) 217-226.
- 34 Cheour, M., Ceponiene, R., Rinne, J.O. and Leppänen, P., Auditory event related potentials in children and adults:MMN matures early. LDN does not, 2001, (im Druck)
- 35 Cheour, M., Haapanen, M.L., Ceponiene, R., Hukki, J., Ranta, R. and Näätänen, R., Mismatch negativity (MMN) as an index of auditory sensory memory deficit in cleft-palate and CATCH syndrome children, *Neuroreport*, 9 (1998) 2709-2712.
- 36 Cheour, M., Haapanen, M.L., Hukki, J., Ceponiene, R., Kurjenluoma, S., Alho, K., Tervaniemi, M., Ranta, R. and Näätänen, R., The first neurophysiological evidence for cognitive brain dysfunctions in children with CATCH, *Neuroreport*, 8 (1997) 1785-1787.
- 37 Cheour, M., Korpilahti, P., Martynova, O. and Lang, A.H., Mismatch Negativity and Late Discriminative Negativity in Investigating Speech Perception and Learning in Children and Infants, *Audiol Neurootol*, 6 (2001) 2-11.
- 38 Cheour, M., Leppänen, P.H. and Kraus, N., Mismatch negativity (MMN) as a tool for investigating auditory discrimination and sensory memory in infants and children, *Clin Neurophysiol*, 111 (2000) 4-16.
- 39 Cheour, M., Leppänen, P.H. and Kraus, N., Mismatch negativity (MMN) as a tool for investigating auditory discrimination and sensory memory in infants and children, *Clin Neurophysiol*, 111 (2000) 4-16.
- 40 Chermak, GD, Hall, JW., Baran, JA., Sloan, C., and Musiek, FE. Diagnosis and management of CAPD and ADHD. 1997.
- 41 Cohen, H., Levy, J. and McShane, D., Hemispheric specialization for speech and non-verbal stimuli in French Canadian subjects, *Neuropsychologia*, 24 (1989) 241-245.
- 42 Courchesne, E., Event related potentials. In J. Rohrbaugh, R. Parasuraman and R. Johnson (Eds.), *Chronology of postnatal human development: Event related potentials, positron emission tomography;myelinogenesis and synaptogenesis*, New Oxford University Verlag, 1990, S. 210-241.
- 43 Cowan, N., Winkler, I., Teder, W. and Näätänen, R., Memory prerequisites of mismatch negativity in the auditory event-related potential (ERP), *J Exp Psychol Learn Mem Cogn*, 19 (1993) 909-921.
- 44 Cowan, N., Winkler, I., Teder, W. and Näätänen, R., Memory prerequisites of mismatch negativity in the auditory event-related potential (ERP), *J Exp Psychol Learn Mem Cogn*, 19 (1993) 909-921.
- 45 Csepe, V., On the origin and development of the mismatch negativity, *Ear Hear*, 16 (1995) 91-104.

- 46 Csepe, V., Karmos, G. and Molnar, M., Evoked potential correlates of stimulus deviance during wakefulness and sleep in cat - animal model of mismatch negativity, *Electroencephalogr Clin Neurophysiol*, 66 (1987) 571-578.
- 47 Csepe, V. and Molnar, M., Towards the possible clinical application of the mismatch negativity component of event-related potentials, *Audiol Neurootol*, 2 (1997) 354-369.
- 48 Davis, H., Hirsh, S.K., Popelka, G.R. and Formby, C., Frequency selectivity and thresholds of brief stimuli suitable for electric response audiometry, *Audiology*, 23 (1984) 59-74.
- 49 Dawson, G., Finley, C., Phillips, S. and Lewy, A., A comparison of hemispheric asymmetries in speech-related brain potentials of autistic and dysphasic children, *Brain Lang*, 37 (1989) 26-41.
- 50 Dehaene-Lambertz, G., Cerebral specialization for speech and non-speech stimuli in infants, *J Cogn Neurosci*, 12 (2000) 449-460.
- 51 Dehaene-Lambertz, G. and Dehaene, S., Speed and cerebral correlates of syllable discrimination in infants, *Nature*, 370 (1994) 292-295.
- 52 Döring W.H., H.V., Neuer Sprachverständlichkeits Test in der Klinik: Aachener Logatomtest und "Dreisilbertest" im Störschall. Median Verlag, Moderne Verfahren der Sprachaudiometrie, Heidelberg, 1992, S. 137-168.
- 53 Eggermont, J.J., Evoked potentials as indicators of auditory maturation, *Acta Otolaryngol Suppl*, 421 (1985) 41-47.
- 54 Eggermont, J.J., Development of auditory evoked potentials, *Acta Otolaryngol*, 112 (1992) 197-200.
- 55 Elliott, LL., Performance of children aged 7 to 17 years on a test of speech intelligibility in noise using sentence material with control word predictability, *J Acoust Soc Am*, 66 (1979) 651-653.
- 56 Fitch, R.H., Brown, C.P., O'Connor, K. and Tallal, P., Functional lateralization for auditory temporal processing in male and female rats, *Behav Neurosci*, 107 (1993) 844-850.
- 57 Fitch, R.H., Brown, C.P., Tallal, P. and Rosen, G.D., Effects of sex and MK-801 on auditory-processing deficits associated with developmental microgyric lesions in rats, *Behav Neurosci*, 111 (1997) 404-412.
- 58 Fowler, C.G. and Mikami, C.M., Effects of noise bandwidth on the late-potential masking level difference, *Electroencephalogr Clin Neurophysiol*, 84 (1992) 157-163.
- 59 Fuchigami, T., Okubo, O., Fujita, Y., Okuni, M., Noguchi, Y. and Yamada, T., Auditory event-related potentials and reaction time in children: evaluation of cognitive development, *Dev Med Child Neurol*, 35 (1993) 230-237.
- 60 Gaeta, H., Friedman, D., Ritter, W. and Cheng, J., Changes in sensitivity to stimulus deviance in Alzheimer's disease: an ERP perspective, *Neuroreport*, 10 (1999) 281-287.
- 61 Galaburda, A.M. and Livingstone M, Evidence for a magnocellular defect in developmental dyslexia, *Ann N Y Acad Sci*, 682 (1993) 70-82.

- 62 Giard, M.H., Perrin, F., Pernier, J. and Bouchet, P., Brain generators implicated in the processing of auditory stimulus deviance: a topographic event-related potential study, *Psychophysiology*, 27 (1990) 627-640.
- 63 Golgeli, A., Suer, C., Ozesmi, C., Dolu, N., Ascioğlu, M. and Sahin, O., The effect of sex differences on event-related potentials in young adults, *Int J Neurosci*, 99 (1999) 69-77.
- 64 Gomot, M., Giard, M.H., Roux, S., Barthelemy, C. and Bruneau, N., Maturation of frontal and temporal components of mismatch negativity (MMN) in children, *Neuroreport*, 11 (2000) 3109-3112.
- 65 Grimm H., S.H., Heidelberg Sprachentwicklungstest, Braunschweig, 1978.
- 66 Groenen, P., Snik, A. and van den Broek, P., On the clinical relevance of mismatch negativity: results from subjects with normal hearing and cochlear implant users, *Audiol Neurootol*, 1 (1996) 112-124.
- 67 Hammill D., Motor-Free Visual Perception Test - Revised (MVPT -R), 1996.
- 68 Hegerl, U., Gaebel, W., Gutzman, H. and Ulrich, G., Auditory evoked potentials as possible predictors of outcome in schizophrenic outpatients, *Int J Psychophysiol*, 6 (1988) 207-214.
- 69 Hirayasu, Y., Potts, G.F., O'Donnell, B.F., Kwon, J.S., Arakaki, H., Akdag, S.J., Levitt, J.J., Shenton, M.E. and McCarley, R.W., Auditory mismatch negativity in schizophrenia: topographic evaluation with a high-density recording montage, *Am J Psychiatry*, 155 (1998) 1281-1284.
- 70 Hoke, M. and Hoke, E. S. Wandel in Diagnostik und Therapie: Auditorische reiz- und ereigniskorrelierte Potentiale und Magnetfelder in der audiologischen Diagnostik. Springer-Verlag, (1997) S. 175-217
- 71 Holopainen, I.E., Korpilahti, P., Juottonen, K., Lang, H. and Sillanpaa, M., Attenuated auditory event-related potential (mismatch negativity) in children with developmental dysphasia, *Neuropediatrics*, 28 (1997) 253-256.
- 72 Huber, W., Sprachliche Spezialisierung des Gehirns. Schlußfolgerungen für Therapien von zentralen Sprachstörungen, *Sprache-Stimme-Gehör*, 2 (1978) 69-75.
- 73 Huotilainen, M., Ilmoniemi, R.J., Lavikainen, J., Tiitinen, H., Alho, K., Sinkkonen, J., Knuutila, J. and Näätänen, R., Interaction between representations of different features of auditory sensory memory, *Neuroreport*, 4 (1993) 1279-1281.
- 74 Huttenlocher, P.R., de Courten, C., Garey, L.J. and Van der Loos, H., Synaptic development in human cerebral cortex, *Int J Neurol*, 16-17 (1982) 144-154.
- 75 Hyde, M., The N1 response and its applications, *Audiol Neurootol*, 2 (1997) 281-307.
- 76 Jansson-Verkasalo M., Cheour, M., Ceponiene, R., Boyd, S., Kusherenko, H., Tervaniemi, M., and Näätänen, R. Maturation of MMN. First International Workshop on mismatch negativity and its clinical application. 16-18. Oktober 1998. Helsinki. 1998.
- 77 Javitt, D.C., Intracortical mechanisms of mismatch negativity dysfunction in schizophrenia, *Audiol Neurootol*, 5 (2000) 207-215.

- 78 Javitt, D.C., Schroeder, C.E., Steinschneider, M., Arezzo, J.C. and Vaughan, H.G.J., Demonstration of mismatch negativity in the monkey, *Electroencephalogr Clin Neurophysiol*, 83 (1992) 87-90.
- 79 Javitt, D.C., Steinschneider, M., Schroeder, C.E., Vaughan, H.G.J. and Arezzo, J.C., Detection of stimulus deviance within primate primary auditory cortex: intracortical mechanisms of mismatch negativity (MMN) generation, *Brain Res*, 667 (1994) 192-200.
- 80 Jäncke, L., Anatomische Rechts-links Asymmetrien perisylvischer Hirnareale und Lese-Rechtschreibschwäche (LRS), *Sprache - Stimme - Gehör*, (1998) 153-162.
- 81 Jirsa, R.E. and Clontz, K.B., Long latency auditory event-related potentials from children with auditory processing disorders, *Ear Hear*, 11 (1990) 222-232.
- 82 Johnson, R.J., Developmental evidence for modality-dependent P300 generators: a normative study, *Psychophysiology*, 26 (1989) 651-667.
- 83 Johnstone, S., Barry, R.J., Anderson, K.W. and Coyle, S.F., Age-related change in child and adolescent event-related potential component morphology, amplitude and latency to standard and target stimuli in an auditory oddball task, *Int J Psychophysiol*, 24 (1996) 223-238.
- 84 Kane, N.M., Butler, S.R. and Simpson, T., Coma outcome prediction using event-related potentials: P(3) and mismatch negativity, *Audiol Neurootol*, 5 (2000) 186-191.
- 85 Kane, N.M., Curry, S.H., Butler, S.R. and Cummins, B.H., Electrophysiological indicator of awakening from coma, *Lancet*, 341 (1993) 688
- 86 Kane, N.M., Curry, S.H., Rowlands, C.A., Manara, A.R., Lewis, T., Moss, T., Cummins, B.H. and Butler, S.R., Event-related potentials--neurophysiological tools for predicting emergence and early outcome from traumatic coma, *Intensive Care Med*, 22 (1996) 39-46.
- 87 Karayanidis, F., Andrews, S., Ward, P.B. and Michie, P.T., ERP indices of auditory selective attention in aging and Parkinson's disease, *Psychophysiology*, 32 (1995) 335-350.
- 88 Kaukoranta, E., Sams, M., Hari, R., Hamalainen, M. and Näätänen, R., Reactions of human auditory cortex to a change in tone duration, *Hear Res*, 41 (1989) 15-21.
- 89 Kazmerski, V.A., Friedman, D. and Ritter, W., Mismatch negativity during attend and ignore conditions in Alzheimer's disease, *Biol Psychiatry*, 42 (1997) 382-402.
- 90 Kekoni, J., Hamalainen, H., Saarinen, M., Grohn, J., Reinikainen, K., Lehtokoski, A. and Näätänen, R., Rate effect and mismatch responses in the somatosensory system: ERP-recordings in humans, *Biol Psychol*, 46 (1997) 125-142.
- 91 Keller F, Verschiedene Aufsprachen des Sprachverständlichkeitstest nach Din 45621 ("Freiburger Test"), *Biomed Techn*, 22 (1977) 292-298.
- 92 Kemner, C., Verbaten, M.N., Koelega, H.S., Buitelaar, J.K., van der Gaag, R.J., Camfferman, G. and van Engeland, H., Event-related brain potentials in children with attention-deficit and hyperactivity disorder: effects of stimulus deviancy and task relevance in the visual and auditory modality, *Biol Psychiatry*, 40 (1996) 522-534.
- 93 Kemner, C., Verbaten, M.N., Koelega, H.S., Camfferman, G. and van Engeland, H., Are abnormal event-related potentials specific to children with ADHD? A comparison with two clinical groups, *Percept Mot Skills*, 87 (1998) 1083-1090.

- 94 Kileny, P.R., Boerst, A. and Zwolan, T., Cognitive evoked potentials to speech and tonal stimuli in children with implants, *Otolaryngol Head Neck Surg*, 117 (1997) 161-169.
- 95 King, C., Nicol, T., McGee, T. and Kraus, N., Thalamic asymmetry is related to acoustic signal complexity, *Neurosci Lett*, 267 (1999) 89-92.
- 96 Knight, R.T., Scabini, D., Woods, D.L. and Clayworth, C., The effects of lesions of superior temporal gyrus and inferior parietal lobe on temporal and vertex components of the human AEP, *Electroencephalogr Clin Neurophysiol*, 70 (1988) 499-509.
- 97 Korpilahti, P., Alopaeus-Laurinsalo, N. and Laurinsalo, V., Neurofunctional correlates of auditory discrimination training in a language learning impaired boy, (2001), (im Druck)
- 98 Korpilahti, P. and Lang, A. H. Electrophysical correlates of auditory perception in normal and language impaired children. *Turku, PAINOSALAM Oy*. 1996.
- 99 Korpilahti, P., Lang, A.H. and Aaltonen, O., Is there a late-latency mismatch negativity (MMN) component?, *Electroencephalogr Clin Neurophysiol*, 95 (1995) 96-96.
- 100 Korpilahti, P. and Lang, H.A., Auditory ERP components and mismatch negativity in dysphasic children, *Electroencephalogr Clin Neurophysiol*, 91 (1994) 256-264.
- 101 Kraus, N., Speech sound perception, neurophysiology, and plasticity, *Int J Pediatr Otorhinolaryngol*, 47 (1999) 123-129.
- 102 Kraus, N. and Cheour-Luhtanen, M., Speech sound representation in the brain, *Audiol Neurootol*, 5 (2000) 140-150.
- 103 Kraus, N. and Cheour, M., Speech sound representation in the brain, *Audiol Neurootol*, 5 (2000) 140-150.
- 104 Kraus, N., Koch, D.B., McGee, T.J., Nicol, T.G. and Cunningham, J., Speech-sound discrimination in school-age children: psychophysical and neurophysiologic measures, *J Speech Lang Hear Res*, 42 (1999) 1042-1060.
- 105 Kraus, N. and McGee, T., Auditory event-related potentials. In J. Katz (Ed.), *Handbook of clinical audiology*, Williams&Wilkins, Baltimore, Hongkong, London, Munich, Tokyo, 1994, S. 403-423.
- 106 Kraus, N., McGee, T., Carrell, T., King, C., Littman, T. and Nicol, T., Discrimination of speech-like contrasts in the auditory thalamus and cortex, *J Acoust Soc Am*, 96 (1994) 2758-2768.
- 107 Kraus, N., McGee, T., Carrell, T., Sharma, A., Micco, A. and Nicol, T., Speech-evoked cortical potentials in children, *J Am Acad Audiol*, 4 (1993) 238-248.
- 108 Kraus, N., McGee, T., Carrell, T., Sharma, A. and Nicol, T., Mismatch negativity to speech stimuli in school-age children, *Electroencephalogr Clin Neurophysiol Suppl*, 44 (1995) 211-217.
- 109 Kraus, N., McGee, T., Micco, A., Sharma, A., Carrell, T. and Nicol, T., Mismatch negativity in school-age children to speech stimuli that are just perceptibly different, *Electroencephalogr Clin Neurophysiol*, 88 (1993) 123-130.
- 110 Kraus, N., McGee, T., Sharma, A., Carrell, T. and Nicol, T., Mismatch negativity event-related potential elicited by speech stimuli, *Ear Hear*, 13 (1992) 158-164.

- 111 Kraus, N., McGee, T.J., Carrell, T.D., Zecker, S.G., Nicol, T.G. and Koch, D.B., Auditory neurophysiologic responses and discrimination deficits in children with learning problems, *Science*, 273 (1996) 971-973.
- 112 Kraus, N., McGee, T.J. and Koch, D.B., Speech sound perception and learning: biologic bases, *Scand Audiol Suppl*, 49 (1998) 7-17.
- 113 Kraus, N., Micco, A.G., Koch, D.B., McGee, T., Carrell, T., Sharma, A., Wiet, R.J. and Weingarten, C.Z., The mismatch negativity cortical evoked potential elicited by speech in cochlear-implant users, *Hear Res*, 65 (1993) 118-124.
- 114 Kraus, N. and Näätänen, R., Mismatch Negativity as an index of central auditory function, *Ear Hear*, (1995)
- 115 Kraus, N., Smith, D.I., Reed, N.L., Stein, L.K. and Cartee, C., Auditory middle latency responses in children: effects of age and diagnostic category, *Electroencephalogr Clin Neurophysiol*, 62 (1985) 343-351.
- 116 Kropotov, J.D., Naatnen, R., Sevostianov, A.V., Alho, K., Reinikainen, K. and Kropotova, O.V., Mismatch negativity to auditory stimulus change recorded directly from the human temporal cortex, *Psychophysiology*, 32 (1995) 418-422.
- 117 Kulynych, J.J., Vldar, K., Jones, D.W. and Weinberger, D.R., Gender differences in the normal lateralization of the supratemporal cortex: MRI surface-rendering morphometry of Heschl's gyrus and the planum temporale, *Cereb Cortex*, 4 (1994) 107-118.
- 118 Kurtzberg, D., Hilpert, P.L., Kreuzer, J.A. and Vaughan, H.G.J., Differential maturation of cortical auditory evoked potentials to speech sounds in normal fullterm and very low-birthweight infants, *Dev Med Child Neurol*, 26 (1984) 466-475.
- 119 Kurtzberg, D., Vaughan, H.G.J., Kreuzer, J.A. and Fliegler, K.Z., Developmental studies and clinical application of mismatch negativity: problems and prospects, *Ear Hear*, 16 (1995) 105-117.
- 120 Lang, A.H., Eerola, O., Korpilahti, P., Holopainen, I., Salo, S. and Aaltonen, O., Practical issues in the clinical application of mismatch negativity, *Ear Hear*, 16 (1995) 118-130.
- 121 Lang, A.H., Eerola, O., Korpilahti, P., Holopainen, I., Salo, S. and Aaltonen, O., Practical issues in the clinical application of mismatch negativity, *Ear Hear*, 16 (1995) 118-130.
- 122 Lauer N., Zentral-auditive Verarbeitungsstörung im Kindesalter – Grundlagen – Klinik – Diagnostik – Therapie, Thieme-Verlag, Stuttgart, 1999.
- 123 Lavikainen, J., Huutilainen, M., Ilmoniemi, R.J., Simola, J.T. and Näätänen, R., Pitch change of a continuous tone activates two distinct processes in human auditory cortex: a study with whole-head magnetometer, *Electroencephalogr Clin Neurophysiol*, 96 (1995) 93-96.
- 124 Lenz S. Entwicklung eines Programms zur Ableitung der Mismatch Negativity. Studienarbeit des Fachbereichs Elektrotechnik an Technische Universität Berlin. 1998.
- 125 Leppänen, P.H. and Lyytinen, H., Auditory event-related potentials in the study of developmental language-related disorders, *Audiol Neurootol*, 2 (1997) 308-340.
- 126 Leppänen, P.H. and Lyytinen, H., Auditory event-related potentials in the study of developmental language-related disorders, *Audiol Neurootol*, 2 (1997) 308-340.

- 127 Leppänen, P.H., Pihko, E., Eklund, K.M. and Lyytinen, H., Cortical responses of infants with and without a genetic risk for dyslexia: II. Group effects, *Neuroreport*, 10 (1999) 969-973.
- 128 Liasis, A., Towell, A. and Boyd, S., Intracranial auditory detection and discrimination potentials as substrates of echoic memory in children, *Brain Res Cogn Brain Res*, 7 (1999) 503-506.
- 129 Lincoln, A.J., Courchesne, E., Harms, L. and Allen, M., Sensory modulation of auditory stimuli in children with autism and receptive developmental language disorder: event-related brain potential evidence, *J Autism Dev Disord*, 25 (1995) 521-539.
- 130 Litovsky, R.Y., Developmental changes in the precedence effect: estimates of minimum audible angle, *J Acoust Soc Am*, 102 (1997) 1739-1745.
- 131 Livingstone M, Parallel processing in the visual system and the brain: Is one of the subsystems selectively affected in dyslexia? In A.M. Galaburda (Ed.), *Dyslexia and Development: Neurobiological Aspects of Extra-Ordinary Brains*, Harvard University Press, Cambridge, 1993, S. 237-256.
- 132 Mantysalo, S. and Näätänen, R., The duration of a neuronal trace of an auditory stimulus as indicated by event-related potentials, *Biol Psychol*, 24 (1987) 183-195.
- 133 Mare, M.J., Dreschler, W.A. and Verschuure, H., The effects of input-output configuration in syllabic compression on speech perception, *J Speech Hear Res*, 35 (1992) 675-685.
- 134 Martin, L., Barajas, J.J., Fernandez, R. and Torres, E., Auditory event-related potentials in well-characterized groups of children, *Electroencephalogr Clin Neurophysiol*, 71 (1988) 375-381.
- 135 McGee, T., Kraus, N. and Nicol, T., Is it really a mismatch negativity? An assessment of methods for determining response validity in individual subjects, *Electroencephalogr Clin Neurophysiol*, 104 (1997) 359-368.
- 136 McGuinness, D. and Pribram, K., The origins of sensory bias in the development of gender differences in the perception and cognition. In M. Bortner (Ed.), *Mazel, B.*, New York, 1979, S. 3-56.
- 137 McPherson, W.B., Ackerman, P.T., Oglesby, D.M. and Dykman, R.A., Event-related brain potentials elicited by rhyming and non-rhyming pictures differentiate subgroups of reading disabled adolescents, *Integr Physiol Behav Sci*, 31 (1996) 3-17.
- 138 Mochizuki, Y., Go, T., Ohkubo, H. and Motomura, T., Development of human brainstem auditory evoked potentials and gender differences from infants to young adults, *Prog Neurobiol*, 20 (1983) 273-285.
- 139 Müller, *Diagnostischer Rechtschreibtest für 2. Klasse (DRT 2)*, Weinheim und Basel, 1994.
- 140 Müller, *Diagnostischer Rechtschreibtest für 3. Klasse (DRT 3)*, Weinheim und Basel, 1997.
- 141 Näätänen, R., Processing negativity: an evoked-potential reflection of selective attention, *Psychol Bull*, 92 (1982) 605-640.
- 142 Näätänen, R., *Attention and brain function*, Lawrence Erlbaum-Verlag, 1992.
- 143 Näätänen, R., The mismatch negativity: a powerful tool for cognitive neuroscience, *Ear Hear*, 16 (1995) 6-18.

- 144 Näätänen, R. and Alho, K., Mismatch negativity--the measure for central sound representation accuracy, *Audiol Neurootol*, 2 (1997) 341-353.
- 145 Näätänen, R. and Escera, C., Mismatch Negativity: Clinical and other applications, *Audiol Neurootol*, 5 (2000) 105-110.
- 146 Näätänen, R., Gaillard, A.W. and Mantysalo, S., Early selective-attention effect on evoked potential reinterpreted, *Acta Psychol*, (1978) 313-29.
- 147 Näätänen, R., Jiang, D., Lavikainen, J., Reinikainen, K. and Paavilainen, P., Event-related potentials reveal a memory trace for temporal features, *Neuroreport*, 5 (1993) 310-312.
- 148 Näätänen, R., Lehtokoski, A., Lennes, M., Cheour, M., Huotilainen, M., Ilvonen, A., Vainio, M., Alku, P., Ilmoniemi, R.J., Luuk, A., Allik, J., Sinkkonen, J. and Alho, K., Language-specific phoneme representations revealed by electric and magnetic brain responses, *Nature*, 385 (1997) 432-434.
- 149 Näätänen, R. and Michie, P.T., Early selective attention effects on the evoked potentials. A critical review, *Biol Psychol*, 8 (1979) 81-136.
- 150 Näätänen, R., Paavilainen, P., Alho, K., Reinikainen, K. and Sams, M., The mismatch negativity to intensity changes in an auditory stimulus sequence, *Electroencephalogr Clin Neurophysiol Suppl*, 40 (1987) 125-131.
- 151 Näätänen, R., Paavilainen, P., Alho, K., Reinikainen, K. and Sams, M., Do event-related potentials reveal the mechanism of the auditory sensory memory in the human brain?, *Neurosci Lett*, 98 (1989) 217-221.
- 152 Näätänen, R., Paavilainen, P. and Reinikainen, K., Do event-related potentials to infrequent decrements in duration of auditory stimuli demonstrate a memory trace in man?, *Neurosci Lett*, 107 (1989) 347-352.
- 153 Näätänen, R., Paavilainen, P., Tiitinen, H., Jiang, D. and Alho, K., Attention and mismatch negativity, *Psychophysiology*, 30 (1993) 436-450.
- 154 Näätänen, R. and Picton, T., The N1 wave of the human electric and magnetic response to sound: a review and an analysis of the component structure, *Psychophysiology*, 24 (1987) 375-425.
- 155 Näätänen, R., Schroger, E., Karakas, S., Tervaniemi, M. and Paavilainen, P., Development of a memory trace for a complex sound in the human brain, *Neuroreport*, 4 (1993) 503-506.
- 156 Näätänen, R., Simpson M. and Loveless, N.E., Stimulus deviance and evoked potentials, *Biol Psychol*, 14 (1982) 53-98.
- 157 Näätänen, R., Teder, W., Alho, K. and Lavikainen, J., Auditory attention and selective input modulation: a topographical ERP study, *Neuroreport*, 3 (1992) 493-496.
- 158 Näätänen, R. and Tiitinen, H. Auditory information processing as indexed by the mismatch negativity. Sabourin M and Craik FMJ, Robert M. 145-170. Hove, Psychology press. *Advances in psychological science: biological and cognitive aspects*. 1998.
- 159 Näätänen, R. and Winkler, I., The concept of auditory stimulus representation in cognitive neuroscience, *Psychol Bull*, 125 (1999) 826-859.

- 160 Neuschaefer-Rube, Ch., Matern, G., Meixner, R., Klajman, S. and Neumann, H., Zur Problematik der auditiven Verarbeitungstörung, *Sprache-Stimme-Gehör*, 3 (2000) 113-118.
- 161 Neville, H.J. and Bavelier, D., Neural organization and plasticity of language, *Curr Opin Neurobiol*, 8 (1998) 254-258.
- 162 Northern, J.I. and Downs, M.P., Hearing and hearing loss in children. *Hearing in children*, Williams & Wilkins Verlag, Baltimore, 1991, S. 1-31.
- 163 Nottebohm, F. and Arnold, A., Sexual dimension of vocal control areas of the songbird brain, *Science*, 14 (1974) 211-213.
- 164 Nubel, K., Lenz, S., Hess, M., Curio, G. and Gross, M., Vorstellung eines Messaufbaus zur Ableitung der Mismatch Negativity. In M. Gross (Ed.), *Aktuelle Phoniatische-Päaudiologische Aspekte*, Vol.1997/1998, Median Verlag, Heidelberg, 1998.
- 165 Ohlrich, E.S., Barnet, A.B., Weiss, I.P. and Shanks, B.L., Auditory evoked potential development in early childhood: a longitudinal study, *Electroencephalogr Clin Neurophysiol*, 44 (1978) 411-423.
- 166 Paavilainen, P., Alho, K., Reinikainen, K., Sams, M. and Näätänen, R., Right hemisphere dominance of different mismatch negativities, *Electroencephalogr Clin Neurophysiol*, 78 (1991) 466-479.
- 167 Paavilainen, P., Cammann, R., Alho, K., Reinikainen, K., Sams, M. and Näätänen, R., Event-related potentials to pitch change in an auditory stimulus sequence during sleep, *Electroencephalogr Clin Neurophysiol Suppl*, 40 (1987) 246-255.
- 168 Paavilainen, P., Jiang, D., Lavikainen, J. and Näätänen, R., Stimulus duration and the sensory memory trace: an event-related potential study, *Biol Psychol*, 35 (1993) 139-152.
- 169 Paavilainen, P., Karlsson, M.L., Reinikainen, K. and Näätänen, R., Mismatch negativity to change in spatial location of an auditory stimulus, *Electroencephalogr Clin Neurophysiol*, 73 (1989) 129-141.
- 170 Pang, E.W., Edmonds, G.E., Desjardins, R., Khan, S.C., Trainor, L.J. and Taylor, M.J., Mismatch negativity to speech stimuli in 8-month-old infants and adults, *Int J Psychophysiol*, 29 (1998) 227-236.
- 171 Pekkonen, E., Mismatch negativity in aging and in Alzheimer's and Parkinson's diseases, *Audiol Neurootol*, 5 (2000) 216-224.
- 172 Pekkonen, E., Rinne, T. and Näätänen, R., Variability and replicability of the mismatch negativity, *Electroencephalogr Clin Neurophysiol*, 96 (1995) 546-554.
- 173 Pihko, E., Leppasaari, T., Leppänen, P., Richardson, U. and Lyytinen, H., Auditory event-related potentials (ERP) reflect temporal changes in speech stimuli, *Neuroreport*, 8 (1997) 911-914.
- 174 Pinkerton, F., Watson, D.R. and McClelland, R.J., A neurophysiological study of children with reading, writing and spelling difficulties, *Dev Med Child Neurol*, 31 (1989) 569-581.
- 175 Ponton, C.W. and Don, M., The mismatch negativity in cochlear implant users, *Ear Hear*, 16 (1995) 131-146.

- 176 Ponton, C.W., Don, M., Eggermont, J.J., Waring, M.D. and Masuda, A., Maturation of human cortical auditory function: differences between normal-hearing children and children with cochlear implants, *Ear Hear*, 17 (1996) 430-437.
- 177 Ponton, C.W., Eggermont, J.J., Kwong, B. and Don, M., Maturation of human central auditory system activity: evidence from multi-channel evoked potentials, *Clin Neurophysiol*, 111 (2000) 220-236.
- 178 Pool, K.D., Finitzo, T., Hong, C.T., Rogers, J. and Pickett, R.B., Infarction of the superior temporal gyrus: a description of auditory evoked potential latency and amplitude topology, *Ear Hear*, 10 (1989) 144-152.
- 179 Ptok, M., Berger, R., von Deutser, C., Gross, M., Lamprecht-Dinnesen, A., Nickisch, A., Radü, H.J. and Uttenweiler, V., Auditive Verarbeitungs - und Wahrnehmungsstörungen (Konsensus- Statement), *Sprache - Stimme - Gehör*, (2000) 90-94.
- 180 Reneau J. and Hnatiow, G., *Evoked Response Audiometry: A Topical and Historical Review*, University Park Press, Baltimore, 1975.
- 181 Ritter, W., Simson, R., Vaughan, H.G. and Macht, M., Manipulation of event-related potentials manifestation of information processing stages, *Science*, 218 (1982) 909-911.
- 182 Rumsey, J.M., Nace, K., Donohue, D., Wise, J.M., Maisog, P. and Andreason, P., A Positron Emission Tomography Study of impaired word recognition and phonological processing in dyslexic men, *Arch Neurol*, 54 (1997) 562-573.
- 183 Sams, M., Kaukoranta, E., Hamalainen, M. and Näätänen, R., Cortical activity elicited by changes in auditory stimuli: different sources for the magnetic N100m and mismatch responses, *Psychophysiology*, 28 (1991) 21-29.
- 184 Sams, M., Paavilainen, P., Alho, K. and Näätänen, R., Auditory frequency discrimination and event-related potentials, *Electroencephalogr Clin Neurophysiol*, 62 (1985) 437-448.
- 185 Scherg, M. and Berg, P., Use of prior knowledge in brain electromagnetic source analysis, *Brain Topogr*, 4 (1991) 143-150.
- 186 Schneider, B.A., Trehub, S.E., Morrongiello, B.A. and Thorpe, L.A., Developmental changes in masked thresholds, *J Acoust Soc Am*, 86 (1989) 1733-1742.
- 187 Schroger, E., Automatic detection of frequency change is invariant over a large intensity range, *Neuroreport*, 5 (1994) 825-828.
- 188 Schroger, E., Näätänen, R. and Paavilainen, P., Event-related potentials reveal how non-attended complex sound patterns are represented by the human brain, *Neurosci Lett*, 146 (1992) 183-186.
- 189 Schroger, E., Näätänen, R. and Paavilainen, P., Event-related potentials reveal how non-attended complex sound patterns are represented by the human brain, *Neurosci Lett*, 146 (1992) 183-186.
- 190 Schroger, E., Paavilainen, P. and Näätänen, R., Mismatch negativity to changes in a continuous tone with regularly varying frequencies, *Electroencephalogr Clin Neurophysiol*, 92 (1994) 140-147.

- 191 Schulte-Korne, G., Deimel, W., Bartling, J. and Remschmidt, H., Auditory processing and dyslexia: evidence for a specific speech processing deficit, *Neuroreport*, 9 (1998) 337-340.
- 192 Sharma, A., Kraus, N., McGee, T., Carrell, T. and Nicol, T., Acoustic versus phonetic representation of speech as reflected by the mismatch negativity event-related potential, *Electroencephalogr Clin Neurophysiol*, 88 (1993) 64-71.
- 193 Sharma, A., Kraus, N., McGee, T., Carrell, T. and Nicol, T., Acoustic versus phonetic representation of speech as reflected by the mismatch negativity event-related potential, *Electroencephalogr Clin Neurophysiol*, 88 (1993) 64-71.
- 194 Sharma, A., Kraus, N., McGee, T.J. and Nicol, T.G., Developmental changes in P1 and N1 central auditory responses elicited by consonant-vowel syllables, *Electroencephalogr Clin Neurophysiol*, 104 (1997) 540-545.
- 195 Shelley, A.M., Silipo, G. and Javitt, D.C., Diminished responsiveness of ERPs in schizophrenic subjects to changes in auditory stimulation parameters: implications for theories of cortical dysfunction, *Schizophr Res*, 37 (1999) 65-79.
- 196 Shelley, A.M., Ward, P.B., Catts, S.V., Michie, P.T., Andrews, S. and McConaghy, N., Mismatch negativity: an index of a preattentive processing deficit in schizophrenia, *Biol Psychiatry*, 30 (1991) 1059-1062.
- 197 Shtyrov, Y., Kujala, T., Palva, S., Ilmoniemi, R.J. and Näätänen, R., Discrimination of speech and of complex nonspeech sounds of different temporal structure in the left and right cerebral hemispheres, *Neuroimage*, 12 (2000) 657-663.
- 198 Sinkkonen, J. and Tervaniemi, M., Towards optimal recording and analysis of the mismatch negativity, *Audiol Neurootol*, 5 (2000) 235-246.
- 199 Squires, K.C. and Hecox, K., Electrophysiological evaluation of higher level auditory processing, *Semin Hear*, 4 (1983) 415-432.
- 200 Stapells, D.R. and Kurtzberg, D., Evoked potential assessment of auditory system integrity in infants, *Clin Perinatol*, 18 (1991) 497-518.
- 201 Steinschneider, M., Tenke, C.E., Schroeder, C.E., Javitt, D.C., Simpson, G.V., Arezzo, J.C. and Vaughan, H.G.J., Cellular generators of the cortical auditory evoked potential initial component, *Electroencephalogr Clin Neurophysiol*, 84 (1992) 196-200.
- 202 Stelmack, R.M. and Rourke BP., Intelligence, learning disabilities, and event related potentials, *Dev Neuropsychol*, 11 (1995) 445-465.
- 203 Tallal, P., Auditory temporal perception, phonics, and reading disabilities in children, *Brain Lang*, 9 (1980) 182-198.
- 204 Tallal, P., Auditory temporal perception, phonics, and reading disabilities in children, *Brain Lang*, 9 (1980) 182-198.
- 205 Tallal, P., Miller, S. and Fitch, R.H., Neurobiological basis of speech: a case for the preeminence of temporal processing, *Ann N Y Acad Sci*, 682 (1993) 27-47.
- 206 Task force on central auditory consensus development AS-L-HA, Central auditory processing: current status of research and clinical practice, *Am J Audiol*, 5 (1996) 41-54.

- 207 Tervaniemi, M., Lehtokoski, A., Sinkkonen, J., Virtanen, J., Ilmoniemi, R.J. and Näätänen, R., Test-retest reliability of mismatch negativity for duration, frequency and intensity changes, *Clin Neurophysiol*, 110 (1999) 1388-1393.
- 208 Tiitinen, H., Alho, K., Huotilainen, M., Ilmoniemi, R.J., Simola, J. and Näätänen, R., Tonotopic auditory cortex and the magnetoencephalographic (MEG) equivalent of the mismatch negativity, *Psychophysiology*, 30 (1993) 537-540.
- 209 Tiitinen, H., May, P., Reinikainen, K. and Näätänen, R., Attentive novelty detection in humans is governed by pre-attentive sensory memory, *Nature*, 372 (1994) 90-92.
- 210 Tonnquist-Uhlen, I., Topography of auditory evoked cortical potentials in children with severe language impairment, *Scand Audiol Suppl*, 44 (1996) 1-40.
- 211 Tonnquist-Uhlen, I., Topography of auditory evoked long-latency potentials in children with severe language impairment: the P2 and N2 components, *Ear Hear*, 17 (1996) 314-326.
- 212 Tonnquist-Uhlen, I., Borg, E. and Spens, K.E., Topography of auditory evoked long-latency potentials in normal children, with particular reference to the N1 component, *Electroencephalogr Clin Neurophysiol*, 95 (1995) 34-41.
- 213 Torgeson, J.K., Learning disabilities: Historical and conceptual issues. In B.Y.L. Wong (Ed.), *Learning about learning disabilities*, Academic press, San Diego, 1991, S. 3-37.
- 214 Trehub, S.E., Schneider, B.A. and Henderson, J.L., Gap detection in infants, children, and adults, *J Acoust Soc Am*, 98 (1995) 2532-2541.
- 215 Trejo, L.J., Ryan-Jones, D.L. and Kramer, A.F., Attentional modulation of the mismatch negativity elicited by frequency differences between binaurally presented tone bursts, *Psychophysiology*, 32 (1995) 319-328.
- 216 Trune, D.R., Mitchell, C. and Phillips, D.S., The relative importance of head size, gender and age on the auditory brainstem response, *Hear Res*, 32 (1988) 165-174.
- 217 Updike, C. and Thornburg, J.D., Reading skills and auditory processing ability in children with chronic otitis media in early childhood, *Ann Oto Rhino Laryngo*, 101 (1992) 530-537.
- 218 van der Stelt, O., Gunning, W.B., Snel, J. and Kok, A., No electrocortical evidence of automatic mismatch dysfunction in children of alcoholics, *Alcohol Clin Exp Res*, 21 (1997) 569-575.
- 219 Vaughan, H.G. and Kurtzberg, D., Electrophysiological indices of human brain maturation and cognitive development. In M.R.N.C. Gunnar (Ed.), *Minnesota symposia on child psychology*, Vol.24, Lawrence Erlbaum Associates, Hillsdale, 1992, S. 1-36.
- 220 Velasco, M. and Velasco, F., Topographical analysis of subcortical vertex-like activities evoked by ipsi- and contralateral multimodal sensory stimulation in man, *Stereotact Funct Neurosurg*, 53 (1989) 178-196.
- 221 Velasco, M., Velasco, F. and Velasco, A.L., Intracranial studies on potential generators of some vertex auditory evoked potentials in man, *Stereotact Funct Neurosurg*, 53 (1989) 49-73.
- 222 Winkler, I., Kujala, T., Tiitinen, H., Sivonen, P., Alku, P., Lehtokoski, A., Czigler, I., Csepe, V., Ilmoniemi, R.J. and Näätänen, R., Brain responses reveal the learning of foreign language phonemes, *Psychophysiology*, 36 (1999) 638-642.

- 223 Winkler, I., Kujala, T., Tiitinen, H., Sivonen, P., Alku, P., Lehtokoski, A., Czigler, I., Csepe, V., Ilmoniemi, R.J. and Näätänen, R., Brain responses reveal the learning of foreign language phonemes, *Psychophysiology*, 36 (1999) 638-642.
- 224 Winkler, I., Paavilainen, P., Alho, K., Reinikainen, K., Sams, M. and Näätänen, R., The effect of small variation of the frequent auditory stimulus on the event-related brain potential to the infrequent stimulus, *Psychophysiology*, 27 (1990) 228-235.
- 225 Winkler, I., Reinikainen, K. and Näätänen, R., Event-related brain potentials reflect traces of echoic memory in humans, *Percept Psychophys*, 53 (1993) 443-449.
- 226 Winsberg, B.G., Javitt, D.C., Silipo, G.S. and Doneshka, P., Mismatch negativity in hyperactive children: effects of methylphenidate, *Psychopharmacol Bull*, 29 (1993) 229-233.
- 227 Wirth, G., *Sprachstörungen-Sprechstörungen-Kindliche Hörstörungen*, 3. Auflage., Deutscher Ärzteverlag, Köln, 1990.
- 228 Wisnet M., Diagnostik zentral – auditiver Wahrnehmungsstörungen, *HÖRPÄD*, 54 (2000) 6-8.
- 229 Woods, D.L., Alho, K. and Algazi, A., Intermodal selective attention. I. Effects on event-related potentials to lateralized auditory and visual stimuli, *Electroencephalogr Clin Neurophysiol*, 82 (1992) 341-355.
- 230 Yabe, H., Tervaniemi, M., Reinikainen, K. and Näätänen, R., Temporal window of integration revealed by MMN to sound omission, *Neuroreport*, 8 (1997) 1971-1974.
- 231 Zatorre, R.J., Meyer, E., Gjedde, A. and Evans, A.C., PET Studie of phonetic processing of speech: review, replication and reanalysis., *Cereb.Cortex*, (1996) 21-30.
- 232 Zinkus, P.G. and Gottlieb, M.I., Patterns of perceptual and academic deficits related to early chronic otitis media, *Pediatrics*, 66 (1980) 246-253.