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Journalbeiträge

1. Amendola E, De Luca P, Macchia PE, Terracciano D, Rosica A, Chiappetta G, Kimura S, Mansouri A, Affuso A, Arra C, Macchia V, Di Lauro R, De Felice M (2005) A mouse model demonstrates a multigenic origin of congenital hypothyroidism. ENDOCRINOLOGY, 146(12): 5038-47.
2. Antal A, Daria P (2005) Projection method of resolving ambiguities by determining the order of colors in moiré fringes. APPL OPTICS, 44(36): 7709-13.
3. Antal A, Temme J, Nitsche MA, Varga ET, Lang N, Paulus W (2005) Altered motion perception in migraineurs: evidence for interictal cortical hyperexcitability. CEPHALALGIA, 25(10): 788-94.
4. Bachmann CG, Trenkwalder C (2005) [Restless legs syndrome: therapeutic possibilities in the medical practice]. MMW Fortschr Med, 147 Spec No 2: 44-7.
5. Bachmann CG, Bilang-Bleuel A, De Carli S, Linthorst AC, Reul JM (2005) The selective glucocorticoid receptor antagonist ORG 34116 decreases immobility time in the forced swim test and affects cAMP-responsive element-binding protein phosphorylation in rat brain. NEUROENDOCRINOLOGY, 81(2): 129-36.
6. Bartels E (2005) Evaluation of arteriovenous malformations (AVMs) with transcranial color-coded duplex sonography: does the location of an AVM influence its sonographic detection? J ULTRAS MED, 24(11): 1511-7.
7. Bartels E, Henning S, Wellmer A, Giraldo-Velásquez M, Kermer P (2005) Evaluation of cerebral perfusion deficit in stroke patients using new transcranial contrast imaging CPS technology--preliminary results. ULTRASCHALL MED, 26(6): 478-86.
8. Collombat P, Hecksher-Sørensen J, Broccoli V, Krull J, Ponte I, Mundiger T, Smith J, Gruss P, Serup P, Mansouri A (2005) The simultaneous loss of Arx and Pax4 genes promotes a somatostatin-producing cell fate specification at the expense of the alpha- and beta-cell lineages in the mouse endocrine pancreas. DEVELOPMENT, 132(13): 2969-80.
9. Fregni F, Boggio PS, Mansur CG, Wagner T, Ferreira MJ, Lima MC, Rigonatti SP, Marcolin MA, Freedman SD, Nitsche MA, Pascual-Leone A (2005) Transcranial direct current stimulation of the unaffected hemisphere in stroke patients. NEUROREPORT, 16(14): 1551-5.
10. Fregni F, Boggio PS, Nitsche M, Bermpohl F, Antal A, Feredoes E, Marcolin MA, Rigonatti SP, Silva MT, Paulus W, Pascual-Leone A (2005) Anodal transcranial direct current stimulation of prefrontal cortex enhances working memory. EXP BRAIN RES, 166(1): 23-30.
11. Fregni F, Boggio PS, Nitsche M, Pascual-Leone A (2005) Transcranial direct current stimulation. BRIT J PSYCHIAT, 186: 446-7.
12. Happe S, Paulus W (2005) [Neurophysiological and neuroimaging studies for restless legs syndrome and periodic leg movement disorder.]. NERVENARZT, 77(6): 652+.
13. Happe S, Klösch G, Lorenzo J, Kunz D, Penzel T, Röschke J, Himanen SL, Gruber G, Zeitlhofer J (2005) Perception of sleep: subjective versus objective sleep parameters in patients with Parkinson's disease in comparison with healthy elderly controls. Sleep perception in Parkinson's disease and controls. J NEUROL, 252(8): 936-43.
14. Happe S, Sommer M, Meller J, Trenkwalder C, Paulus W (2005) Dyskinesias due to intravenous apomorphine abuse in a patient without basal ganglia disorder. MOVEMENT DISORD, 20(1): 105-8.
15. Happe S, Treptau N, Ziegler R, Harms E (2005) Restless legs syndrome and sleep problems in children and adolescents with insulin-dependent diabetes mellitus type 1. NEUROPEDIATRICS, 36(2): 98-103.
16. Heller RS, Jenny M, Collombat P, Mansouri A, Tomasetto C, Madsen OD, Mellitzer G, Gradwohl G, Serup P (2005) Genetic determinants of pancreatic epsilon-cell development. DEV BIOL, 286(1): 217-24.
17. Henning S, Merboldt KD, Frahm J (2005) Simultaneous recordings of visual evoked potentials and BOLD MRI activations in response to visual motion processing. NMR BIOMED, 18(8): 543-52.
18. Kálmán J, Palotás A, Bódi N, Kincses TZ, Benedek G, Janka Z, Antal A (2005) Lactate infusion fails to improve semantic categorization in Alzheimer's disease. BRAIN RES BULL, 65(6): 533-9.
19. Kovács G, Zimmer M, Harza I, Antal A, Vidnyánszky Z (2005) Position-specificity of facial adaptation. NEUROREPORT, 16(17): 1945-9.
20. Lang N, Siebner HR, Ward NS, Lee L, Nitsche MA, Paulus W, Rothwell JC, Lemon RN, Frackowiak RS (2005) How does transcranial DC stimulation of the primary motor cortex alter regional neuronal activity in the human brain? EUR J NEUROSCI, 22(2): 495-504.
21. Nitsche MA, Seeber A, Frommann K, Klein CC, Rochford C, Nitsche MS, Fricke K, Liebetanz D, Lang N, Antal A, Paulus W, Tergau F (2005) Modulating parameters of excitability during and after transcranial direct current stimulation of the human motor cortex. J PHYSIOL-LONDON, 568(Pt 1): 291-303.
22. Paulus W (2005) Toward establishing a therapeutic window for rTMS by theta burst stimulation. NEURON, 45(2): 181-3.

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23. Relaix F, Rocancourt D, Mansouri A, Buckingham M (2005) A Pax3/Pax7-dependent population of skeletal muscle progenitor cells. NATURE, 435(7044): 948-53.
24. Schindehütte J, Fukumitsu H, Collombat P, Griesel G, Brink C, Baier PC, Capecchi MR, Mansouri A (2005) In vivo and in vitro tissue-specific expression of green fluorescent protein using the cre-lox system in mouse embryonic stem cells. STEM CELLS, 23(1): 10-5.
25. Storch A, Trenkwalder C, Oehlwein C, Winkelmann J, Polzer U, Hundemer HP, Schwarz J (2005) High-dose treatment with pergolide in Parkinson's disease patients with motor fluctuations and dyskinesias. PARKINSONISM RELAT D, 11(6): 393-8.
26. Thinyane K, Baier PC, Schindehütte J, Mansouri A, Paulus W, Trenkwalder C, Flügge G, Fuchs E (2005) Fate of pre-differentiated mouse embryonic stem cells transplanted in unilaterally 6-hydroxydopamine lesioned rats: histological characterization of the grafted cells. BRAIN RES, 1045(1-2): 80-7.
27. Tings T, Lang N, Tergau F, Paulus W, Sommer M (2005) Orientation-specific fast rTMS maximizes corticospinal inhibition and facilitation. EXP BRAIN RES, -: -.
28. Tings T, Stiens G, Paulus W, Trenkwalder C, Happe S (2005) Treatment of restless legs syndrome with subcutaneous apomorphine in a patient with short bowel syndrome. J NEUROL, 252(3): 361-3.
29. Trenkwalder C, Paulus W, Walters AS (2005) The restless legs syndrome. LANCET NEUROL, 4(8): 465-75.
30. von Lewinski F, Keller BU (2005) Ca2+, mitochondria and selective motoneuron vulnerability: implications for ALS. TRENDS NEUROSCI, 28(9): 494-500.
31. von Lewinski F, Keller BU (2005) Mitochondrial Ca2+ buffering in hypoglossal motoneurons from mouse. NEUROSCI LETT, 380(3): 203-8.
32. von Spiczak S, Whone AL, Hammers A, Asselin MC, Turkheimer F, Tings T, Happe S, Paulus W, Trenkwalder C, Brooks DJ (2005) The role of opioids in restless legs syndrome: an [11C]diprenorphine PET study. BRAIN, 128(Pt 4): 906-17.

Buchbeiträge

1. Antal A, Nitsche M A, Paulus W (2005) External modulation of visual perception by transcranial magnetic and direct current stimultion of the visual cortex. In: Hallett M, Chokroverty S (Hg.) Magnetic stimulation in clinical neurophysiology. Elsevier Verlag, Philadelphia, 329-40.
2. Antal A, Paulus W, Bodis-Wollner I (2005) Visual dysfunction in disorders with altered dopaminergic neurotransmission. In: Celesia G (Hg.) Disorders of visual processing. Clinical Neurophysiology Handbook. Elsevier Verlag, Philadelphia, 467-490.
3. Antal A, Paulus W, Bodis-Wollner I (2005) Visuo-cognitive dysfunctions in Parkinson's disease. In: Ebadi M, Pfeiffer RF (Hg.) Parkinson's Disease. CRC Press, Boca Raton, London, New York, Washington, D.C, 237-248.
4. Bodis-Wollner I, Antal A (2005) Visuo-cognitive dysfuntions in Parkinson's disease. In: Pfeiffer R, Bodis-Wollner I (Hg.) Parkinson's disease and non-motor dysfunctions. Human Press Inc., Totowa, 233-244.
5. Cohrs S, Tergau F (2005) Transcranial Magnetic Stimulation in Sleep and Sleep-Related Disorders. In: Hallett M, Chokroverty S (Hg.) Magnetic Stimulation in Clinical Neurophysiology, second edition. Elsevier Verlag, Philadelphia, USA, 419-428.
6. Happe S, Trenkwalder C (2005) Sleep disorders in Parkinson's disease. In: Ebadi M, Pfeiffer RF (Hg.) Parkinson's Disease. CRC Press, Boca Raton, London, New York, Washington, D.C, 217-228.

Monographien

1. Maurer K, Lang N, Eckert J (2005) Praxis der evozierten Potentiale. Steinkopff Verlag, Stuttgart, Seiten: 298.

Habilitationen

1. Antal A, External modulation of visual perception an visuo-motor integration by transcranial direct current stimulation in humans. Research applications and therapeuticperspectives. Habilitation Universität Göttingen 2005.
2. Happe S, Idiopathisches Parkinson-Syndrom: Ausgewählte Untersuchungen zu Schlaf-Wach-Störungen und Zusammenhänge mit dem dopaminergen System. Habilitation Universität Göttingen 2005.

Abteilung "Klinische Neurophysiologie"

Medizinische Dissertationen

1. Gärtner-Hinnendahl Q, Dr. med., Rekombinante Herstellung von humanen C5a-Fusionsproteinen (Avitag-pQE-30rhC5a) und ihre biologische Funktionalität. Dissertation Universität Göttingen 2005.
2. Heise C, Dr. med., Modulierung der Wirkung von repetitiver Transkranieller Magnetstimulation (rTMS) auf den humanen Motorkortex durch ZNS-wirksame Pharmaka. Dissertation Universität Göttingen 2005.
3. Heyden M, Dr. med., Querschnitt und Volumen des Musculus triceps surae in Relation zu seiner Kraft. Dissertation Universität Göttingen 2005.
4. Schwarz G, Dr. med., Farbwahrnehmungsstörungen unter Behandlung mit den Antiepileptika Carbamazepin, Phenytoin und Valproat bei Epilepsiepatienten. Dissertation Universität Göttingen 2005.
5. Wanschura V, Dr. med., Konditionierte motorische Schwellen als Parameter zur Erfassung der Exzitabilität des motorischen Kortex während der Silent Period - Untersuchungen mit transkranieller Magnetstiumulation an Gesunden und bei Kindern mit Tourette-Syndrom. Dissertation Universität Göttingen 2005.
6. Wenderhold J, Dr. med., Sauerstoffsättigung der Mm. biceps brachii und brachialis unter isometrischer und dynamischer Belastung bei trainierten und untrainierten Frauen und Männern. Dissertation Universität Göttingen 2005.
7. Wischer S, Dr. med., Präklinische Untersuchungen zum Wirkmechanismus von SAFINAMIDE: Non-invasive Messungen der kortiko-muskulären Exzitabilität mit transkranieller Magnetstimulation in einer doppelt verblindeten Studie. Dissertation Universität Göttingen 2005.

Zahnmedizinische Dissertationen

1. Lampe C, Dr. med. dent., Pharmakologische Beeinflussbarkeit der lang anhaltenden Nacheffekte schwacher transkranieller Gleichstromstimulation auf die kortikale Exzitabilität. Dissertation Universität Göttingen 2005.