

1. Peer reviewed original scientific publications

1. Valko PO, Hauser S, Werth E, Waldvogel D, Baumann CR
Heart rate variability in patients with idiopathic Parkinson's disease with and without obstructive sleep apnea syndrome.
Parkinsonism Relat Disord. **2012** Feb 24. [Epub ahead of print]
2. Gantenbein AR, Riederer F, Mathys J, Biethahn S, Gossrau G, Waldvogel D, Sándor PS.
Confusional migraine is an adult as well as a childhood disease.
Cephalalgia. **2011** Jan;31(2):206-12.
3. Benninger DH, Michel J, Waldvogel D, Candia V, Poryazova R, van Hedel HJ, Bassetti CL.
REM sleep behavior disorder is not linked to postural instability and gait dysfunction in Parkinson.
Mov Disord. **2010** Aug 15;25(11):1597-604.
4. Valko PO, Waldvogel D, Weller M, Bassetti CL, Held U, Baumann CR.
Fatigue and excessive daytime sleepiness in idiopathic Parkinson's disease differently correlate with motor symptoms, depression and dopaminergic treatment.
Eur J Neurol. **2010** Dec;17(12):1428-36.
5. Poryazova R, Benninger D, Waldvogel D, Bassetti CL.
Excessive daytime sleepiness in Parkinson's disease: characteristics and determinants.
Eur Neurol. **2010**;63(3):129-35. Epub 2010 Jan 16.
6. Benninger D, Thees S, Syros SK, Bassetti CL, Waldvogel D
Morphological differences in Parkinson's disease with and without rest tremor
J Neuro, **2009**, Feb; 256(2):256-263 *
7. Benninger D, Waldvogel D, Bassetti CL
REM sleep behavior disorder predicts cognitive impairment in Parkinson disease without dementia
Neurology, **2008**, Sep;71(12):955 * letter with description of 23 patients
8. Poryazova R, Waldvogel D, Bassetti C
Sleepwalking in Parkinson's disease
Arch Neurol, **2007** Oct;64(10):1524-7.
9. Gerloff C, Bushara K, Sailer A, Wassermann EM, Chen R, Matsuoka T, Waldvogel D, Wittenberg GF, Ishii K, Cohen LG, Hallett M.
Multimodal imaging of brain reorganization in motor areas of the contralesional hemisphere of well recovered patients after capsular stroke.
Brain. **2006** Mar;129(Pt 3):791-808.
10. van Hedel HJ, Waldvogel D, Dietz V.
Learning a high-precision locomotor task in patients with Parkinson's disease.
Mov Disord. **2006** Mar;21(3):406-11.
11. Fridman EA, Immisch I, Hanakawa T, Bohlhalter S, Waldvogel D, Kansaku K, Wheaton L, Wu T, Hallett M.
The role of the dorsal stream for gesture production.
Neuroimage. **2006** Jan 15;29(2):417-28.
12. Baumann C, Ferini-Strambi L, Waldvogel D, Werth E, Bassetti CL.
Parkinsonism with excessive daytime sleepiness--a narcolepsy-like disorder?
J Neurol. **2005** Feb;252(2):139-45.
13. Toma K, Matsuoka T, Immisch I, Mima T, Waldvogel D, Koshy B, Hanakawa T, Shill H, Hallett M
Generators of movement-related cortical potentials: fMRI-constrained EEG dipole source analysis.
Neuroimage. **2002** Sep;17(1):161-73.
14. Butefisch CM, Davis BC, Sawaki L, Waldvogel D, Classen J, Kopylev L, Cohen LG.
Modulation of use-dependent plasticity by d-amphetamine.
Ann Neurol. **2002** Jan;51(1):59-68.

15. Immisch I, Waldvogel D, van Gelderen P, Hallett M.
The role of the medial wall and its anatomical variations for bimanual antiphase and in-phase movements.
Neuroimage. **2001** Sep;14(3):674-84.
16. Waldvogel D, van Gelderen P, Immisch I, Pfeiffer C, Hallett M.
The variability of serial fMRI data: correlation between a visual and a motor task.
Neuroreport. **2000** Nov 27;11(17):3843-7. *
17. Waldvogel D, van Gelderen P, Muellbacher W, Ziemann U, Immisch I, Hallett M.
The relative metabolic demand of inhibition and excitation.
Nature. **2000** Aug 31;406(6799):995-8. *
18. Maillard L, Ishii K, Bushara K, Waldvogel D, Schulman AE, Hallett M.
Mapping the basal ganglia: fMRI evidence for somatotopic representation of face, hand, and foot.
Neurology. **2000** Aug 8;55(3):377-83.
19. Waldvogel D, van Gelderen P, Ishii K, Hallett M.
The effect of movement amplitude on activation in functional magnetic resonance imaging studies.
J Cereb Blood Flow Metab. **1999** Nov;19(11):1209-12. *
20. Waldvogel D, van Gelderen P, Hallett M.
Increased iron in the dentate nucleus of patients with Friedrich's ataxia.
Ann Neurol. **1999** Jul;46(1):123-5. *
21. Waldvogel D, Mattle HP, Sturzenegger M, Schroth G.
Pulsatile tinnitus--a review of 84 patients.
J Neurol. **1998** Mar;245(3):137-42.

2.1. Peer-reviewed Case Reports

22. Iseli-Degen HP, Bischoff P, Waldvogel D.
Susac syndrome--a case report
Klin Monatsbl Augenheilkd. **1998** May;212(5):403-4.
23. Waldvogel D, Sturzenegger M, Ozdoba C, Schroth G
Hemiparesis and homonymous hemianopia as the presenting sign of multiple sclerosis
Neuro-Ophthalmology **1997** Apr 17 (2): 63-68

2.2. Invited reviews

24. Waldvogel D.
Medical treatment of Parkinson's disease
Ther Umsch. **2007** Jan;64(1):15-20
25. Waldvogel D.
Surgical therapy of Parkinson's disease
Schweiz Rundsch Med Prax. **2004** Nov 3;93(45):1874-8. Review.

3. Book chapters

26. Hallett M, Sadato N, Honda M, Ishii K, Waldvogel D, Bushara K
Functional MRI of Sensorimotor System
Moonen CTW, Bandettini PA (eds), *Functional MRI*, Springer Verlag, Berlin Heidelberg New York, **1999**

4. Other publications

27. Arbeitsgruppe der Therapiekommission der Schweizerischen Neurologischen Gesellschaft (SNG).
Richtlinien für die Behandlung des idiopathischen Parkinsonsyndroms.
Schweizer Archiv für Neurologie und Psychiatrie, 2008, Oktober 159(7)), 429-435
28. Leitlinien: Parkinson-Syndrome: Diagnostik und Therapie, DGN, 2011: Spezielle Aspekte für die Schweiz