

PUBLIKATIONEN - KLINIK FÜR DIAGNOSTISCHE UND INTERVENTIONELLE NEURORADIOLOGIE

2010

Originalarbeiten, Reviews, Editorials: gelistet in WoS/Medline

- [1] Albrecht J, Burke M, Haegler K, Schöpf V, Kleemann AM, Paolini M, Wiesmann M, Linn J (2010) Potential impact of a 32-channel receiving head coil technology on the results of a functional MRI paradigm. *Clin Neuroradiol.*20:223-9 (IF 0,604)
- [2] Albrecht J, Kopietz R, Frasnelli J, Wiesmann M, Hummel T, Lundström JN (2010) The neuronal correlates of intranasal trigeminal function-an ALE meta-analysis of human functional brain imaging data. *Brain Res Rev.* Mar;62(2):183-96. doi: 10.1016/j.brainresrev.2009.11.001 (IF 10,43)
- [1] Fesl G, Demmel M, Albrecht J, Kopietz R, Schoepf V, Kleemann AM, Pollatos O, Anzinger A, Schreder T, Brueckmann H, Wiesmann M (2010) Bad mood--bad activation? : The influence of emotions on the BOLD signal during finger tapping. *Clin Neuroradiol.*20:153-9 (IF 0,604)
- [2] Haegler K, Zernecke R, Kleemann AM, Albrecht J, Pollatos O, Brückmann H, Wiesmann M (2010) No fear no risk! Human risk behavior is affected by chemosensory anxiety signals. *Neuropsychologia.*48:3901-8 (IF 3,949)
- [3] Haubrich C, Kleiser N, Kosinski C, Mull M, Kröger BJ, Esser D, Fimm B, Huber W (2010) Episodic dysarthria related to vascular medullary compression. *J Neurol.*257:296-9 (IF 3,853)
- [4] Krings T, Thron AK, Geibprasert S, Agid R, Hans FJ, Lasjaunias PL, Reinges MH (2010) Endovascular management of spinal vascular malformations. *Neurosurg Rev.*33:1-9 (IF 2,259)
- [5] Lummel N, Wiesmann M, Brückmann H, Linn J. (2010) The value of different magnetic resonance imaging sequences for the detection of intraventricular hemorrhages. *Clin Neuroradiol.* 20:38-47 (IF 0,604)
- [6] Lundström JN, Gordon AR, Alden EC, Boesveldt S, Albrecht J. (2010), Methods for building an inexpensive computer-controlled olfactometer for temporally-precise experiments. *Int J Psychophysiol* Nov;78(2):179-89. doi: 10.1016/j.ijpsycho.2010.07.007 (IF 0,84)
- [7] Mommertz G, Das M, Langer S, Koeppel TA, Krings T, Mess WH, Schiefer J, Jacobs MJ (2010) Early control of distal internal carotid artery during carotid endarterectomy: does it reduce cerebral microemboli? *J Cardiovasc Surg (Torino).*51:369-75 (IF 1,352)
- [8] Mühlenbruch G, Das M, Mommertz G, Schaaf M, Langer S, Mahnken AH, Wildberger JE, Thron A, Günther RW, Krings T (2010) Comparison of dual-source CT angiography and MR angiography in preoperative evaluation of intra- and extracranial vessels: a pilot study. *Eur Radiol.*20:469-76 (IF 3,594)
- [9] Reinges MH, Krings T, Drexler AY, Ludolph A, Sellhaus B, Bovi M, Geibprasert S, Agid R, Scherer K, Hans FJ (2010) Bare, bio-active and hydrogel-coated coils for endovascular treatment of experimentally induced aneurysms. Long-term histological and scanning electron microscopy results. *Interv Neuroradiol.*16:139-50 (IF 0,213)
- [10] Zernecke R, Kleemann AM, Haegler K, Albrecht J, Vollmer B, Linn J, Brückmann H, Wiesmann M (2010) Chemosensory properties of human sweat. *Chem Senses.* Feb;35(2):101-8. doi: 10.1093/chemse/bjp087 (IF 2,327)

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- [1] Albrecht J, Demmel M, Schöpf V, Kleemann AM, Kopietz R, May J, Schreder T, Zernecke R, Brückmann H, Wiesmann M (2011) Smelling chemosensory signals of males in anxious versus nonanxious condition increases state anxiety of female subjects. *Chem Senses.*36:19-27 (IF 2,599)
- [2] Dafotakis M, Schiefer J, Wiesmann M, Mühlenbruch G (2011) [Bilateral wrist drop - central or peripheral lesion?]. *Fortschr Neurol Psychiatr.*79:304-6 (IF 0,741)
- [3] Fesl G, Patzig M, Holtmannspoetter M, Mayer TE, Pfefferkorn T, Opherk C, Brueckmann H, Wiesmann M (2011) Endovascular Mechanical Recanalisation After Intravenous Thrombolysis in Acute Anterior Circulation Stroke: The Impact of a New Temporary Stent. *Cardiovasc Intervent Radiol.*: (IF 2,093)
- [4] Fesl G, Wiesmann M, Patzig M, Holtmannspoetter M, Pfefferkorn T, Dichgans M, Brueckmann H (2011) Endovascular mechanical recanalisation of acute carotid-T occlusions: a single-center retrospective analysis. *Cardiovasc Intervent Radiol.*34:280-6 (IF 2,093)
- [5] Frasnelli J, Albrecht J, Bryant B, Lundström JN (2011) Perception of specific trigeminal chemosensory agonists. *Neuroscience.*189:377-83 (IF 3,38)
- [6] Gremse F, Grouls C, Palmowski M, Lammers T, de Vries A, Grüll H, Das M, Mühlenbruch G, Akhtar S, Schober A, Kiessling F (2011) Virtual elastic sphere processing enables reproducible quantification of vessel stenosis at CT and MR angiography. *Radiology.*260:709-17 (IF 5,726)
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- [8] Leykamm S, Wessling B, Mühlenbruch G (2011) Atretic Cephalocele and Associated Anomalies in a Newborn Child. *Clin Neuroradiol.*: (IF 1,091)
- [9] Linn J, Schulte-Altedorneburg G, Wiesmann M (2011) Congratulations Hartmut Brückmann! *Clin Neuroradiol.*21:3-4 (IF 1,091)
- [10] Lundström JN¹, Boesveldt S, Albrecht J (2011) Central Processing of the Chemical Senses: an Overview. *ACS Chem Neurosci.* Jan;2(1):5-16 (IF -)
- [11] Palmowski M, Mühlenbruch G, Grouls C, Günther RW (2011) [Bilateral Adrenal Vein Sampling in Single Catheter Technique Using a 4F Cobra Catheter in Regular and Inverse Configuration.] *Rofo.*183:167-170 (IF 2,758)
- [12] Ramantani G, Häusler M, Niggemann P, Wessling B, Guttmann H, Mull M, Tenbrock K, Lee-Kirsch MA (2011) Aicardi-Goutières syndrome and systemic lupus erythematosus (SLE) in a 12-year-old boy with SAMHD1 mutations. *J Child Neurol.*26:1425-8 (IF 1,748)
- [13] Schöpf V, Windischberger C, Robinson S, Kasess CH, Fischmeister FP, Lanzenberger R, Albrecht J, Kleemann AM, Kopietz R, Wiesmann M, Moser E (2011) Model-free fMRI group analysis using FENICA. *Neuroimage.*55:185-93 (IF 5,895)
- [14] Veldhuizen MG¹, Albrecht J, Zelano C, Boesveldt S, Breslin P, Lundström JN (2011) Identification of human gustatory cortex by activation likelihood estimation. *Hum Brain Mapp.* Dec;32(12):2256-66. doi: 10.1002/hbm.21188 (IF 5,107)
- [15] Wiesmann M (2011) Symptomatic carotid stenosis: relative to endarterectomy, stenting increases short-term risk of stroke or death in those aged over 70 years but not in younger patients. *Evid Based Med.*16:85-6 (IF 0,2)

- [16] Zernecke R, Frank T, Haegler K, Albrecht J, Bruckmann H, Wiesmann M (2011) Correlation analyses of detection thresholds of four different odorants. *Rhinology*.49:331-6 (IF 1,321)
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Beiträge in Lehr-/Handbüchern, Monographien

- [1] V. Rohde, M. Oertel, M. Mull: Spinale durale arteriovenöse Fisteln. In: Vaskuläre Neurochirurgie. Funktionelle Neurochirurgie. S. 122-126. Hrsg. A. Raabe u. V. Rohde, 2011 Georg Thieme Verlag Stuttgart. ISBN 978-3-13-146431-6.

2012

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- [1] Aguilera-Albesa S, Poretti A, Honnef D, Aktas M, Yoldi-Petri ME, Huisman TA, Häusler M (2012) T2 hyperintense signal of the central tegmental tracts in children: disease or normal maturational process? *Neuroradiology*.54:863-71 (IF 2,7)
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- [3] Freiherr J, Gordon AR, Alden EC, Ponting AL, Hernandez MF, Boesveldt S, Lundström JN (2012) The 40-item Monell Extended Sniffin' Sticks Identification Test (MONEX-40). *J Neurosci Methods*.205:10-6 (IF 2,114)
- [4] Grouls C, Hatting M, Tardy I, Bzyl J, Mühlenbruch G, Behrendt FF, Penzkofer T, Trautwein C, Kuhl C, Kiessling F, Palmowski M (2012) Development and validation of an intrinsic landmark-based gating protocol applicable for functional and molecular ultrasound imaging. *Eur Radiol*.22:1789-96 (IF 3,548)
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- [6] Prinz S, Dafotakis M, Schneider RK, Mühlenbruch G, Stopschinski BE (2012) [The 'red puffy ear sign'--a clinical sign to diagnose a rare cause of meningoencephalitis]. *Fortschr Neurol Psychiatr*.80:463-7 (IF 0,851)
- [7] Sass C, Kosinski C, Schmidt P, Mull M, Schulz J, Schiefer J (2012) Intrathecal saline infusion: an emergency procedure in a patient with spontaneous intracranial hypotension. *Neurocrit Care*.19:116-8 (IF 3,038)

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- [1] Moessnang C, Freiherr J (2012) Olfaktorik. In Schneider F, Fink GR (eds) *Funktionelle MRT in Psychiatrie und Neurologie* (2. Auflage), Springer, Heidelberg: 505-21.

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- [1] Brandenburg VM, Kramann R, Koos R, Krüger T, Schurges L, Mühlenbruch G, Hübner S, Gladziwa U, Drechsler C, Ketteler M (2013) Relationship between sclerostin and

- cardiovascular calcification in hemodialysis patients: a cross-sectional study. BMC Nephrol.:219 (IF 1,52)
- [2] Brünner YF, Benedict C, Freiherr J (2013) [Targeting the brain through the nose. Effects of intranasally administered insulin]. Nervenarzt.8:949-54 (IF 0,862)
 - [3] Brünner YF, Benedict C, Freiherr J (2013) Intranasal insulin reduces olfactory sensitivity in normosmic humans. J Clin Endocrinol Metab.10:E1626-30 (IF 6,31)
 - [4] Bumb JM, Brockmann MA, Groden C, Nolte I (2013) Microstructural analysis of pineal volume using trueFISP imaging. World J Radiol.4:166-72 (IF 0,2)
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 - [12] Kollndorfer K, Krajnik J, Woitek R, Freiherr J, Prayer D, Schöpf V (2013) Altered likelihood of brain activation in attention and working memory networks in patients with multiple sclerosis: An ALE meta-analysis. Neurosci Biobehav Rev.10 Pt 2:2699-708 (IF 10,284)
 - [13] Leykamm S, Wessling B, Mühlenbruch G (2013) Atretic cephalocele and associated anomalies in a newborn child. Clin Neuroradiol.1:37-40 (IF 1,615)
 - [14] Mihl C, Wildberger JE, Jurencak T, Yanniello MJ, Nijssen EC, Kalafut JF, Nalbantov G, Mühlenbruch G, Behrendt FF, Das M (2013) Intravascular enhancement with identical iodine delivery rate using different iodine contrast media in a circulation phantom. Invest Radiol.11:813-8 (IF 4,453)
 - [15] Mühlenbruch G, Nikoubashman O, Steffen B, Dadak M, Palmowski M, Palmowski M, Wiesmann M (2013) Endovascular broad-neck aneurysm creation in a porcine model using a vascular plug. Cardiovasc Intervent Radiol.1:239-44 (IF 1,965)
 - [16] Nikoubashman O, Wiesmann M, Tournier-Lasserve E, Mankad K, Bourgeois M, Brunelle F, Sainte-Rose C, Wiesmann M, Zerah M, Di Rocco F (2013) Natural history of cerebral dot-like cavernomas. Clin Radiol.8:e453-9 (IF 1,663)
 - [17] Palmowski M, Goedcke A, Vogg A, Christ G, Mühlenbruch G, Kaiser HJ, Günther RW, Kuhl CK, Mottaghay FM, Behrendt FF (2013) Simultaneous dual-isotope SPECT/CT

- with (99m)Tc- and (111)In-labelled albumin microspheres in treatment planning for SIRT. *Eur Radiol.* 11:3062-70 (IF 4,338)
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 - [20] Seubert J, Freiherr J, Djordjevic J, Lundstrom JN (2013) Statistical localization of human olfactory cortex. *Neuroimage.* 333-342 (IF 6,132)
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- [1] Freiherr J, Wiesmann M, Witt M (2013) Functional anatomy of the olfactory system II: Central relays, pathways, and their function. In Welge-Lüssen A, Hummel T (eds) Management of smell and taste disorders: a practical guide for clinicians, Thieme, Stuttgart: 27-38, ISBN-Nr. 978-3-13-154521-3.

2014

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- [1] Gastl M, Brünner YF, Wiesmann M, Freiherr J (2014) Depicting the inner and outer nose: the representation of the nose and the nasal mucosa on the human primary somatosensory cortex (SI). *Hum Brain Mapp.* Sep; 35(9):4751-66. doi: 10.1002/hbm.22509 (IF: 5.969)
- [2] Nikoubashman O, Reich A, Pjontek R, Jungbluth M, Wiesmann M. (2014) Postinterventional subarachnoid haemorrhage after endovascular stroke treatment with stent retrievers. *Neuroradiology* 12:1087-96 (IF 2,485)
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- [4] Othman A, Hamou HA, Pjontek R, Afat S, Clusmann H, Wiesmann M, Brockmann MA (2014) Evaluation of whole body Ultralow-Dose CT for the assessment of

ventriculoperitoneal shunt complications: an experimental ex-vivo study in a swine model. Eur Radiol. 25: 2199-204 (IF 4,014)

- [5] Tanrikulu L, Scholz T, Nikoubashman O, Wiesmann M, Clusmann H (2014) Preoperative MRI in neurovascular compression syndromes and its role for microsurgical considerations. Clin Neurol Neurosurg 129:17-20 (IF 3,737)
- [6] Winklhofer S, Schoth F, Stolzmann P, Krings T, Mull M, Wiesmann M, Stracke CP Spinal Cord Motion: Influence of Respiration and Cardiac Cycle. Rofo 11:1016-21 (IF 1,402)

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2015

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- [1] Brünner YF, Kofoet A, Benedict C, Freiherr J (2015) Central insulin administration improves odor-cued reactivation of spatial memory in young men. J Clin Endocrinol Metab. 2015 Jan;100(1):212-9. doi: 10.1210/jc.2014-3018 (IF: 4.03)
- [2] Falter B, Wiesmann M, Freiherr J, Nikoubashman O, Mull M (2015) Frequency and appearance of hemosiderin depositions after aneurysmal subarachnoid hemorrhage treated by endovascular therapy. Neuroradiology. Oct;57(10):999-1006. doi: 10.1007/s00234-015-1559-8 (IF: 2.274)
- [3] König LS, Wiesmann M, Pjontek R, Sellhaus B, Schulz JB, Tauber SC (2015) [Amyloid β-related angiitis as rare cause of a generalized convulsive seizure]. Nervenarzt. 86:1270-2 (IF 0,787)
- [4] Koryllos A, Magnet F, Karagiannidis C, Goßmann A, Brockmann M, Windisch W, Stoelben E (2015) [Unilateral agenesis of pulmonary artery in adults: a rare disease frequently undiagnosed]. Pneumologie. 69:93-8 (IF 0)
- [5] Nikoubashman O, Di Rocco F, Davagnanam I, Mankad K, Zerah M, Wiesmann M (2015) Prospective Hemorrhage Rates of Cerebral Cavernous Malformations in Children and Adolescents Based on MRI Appearance. AJNR Am J Neuroradiol. 36:2177-83 (IF 3,589)
- [6] Nikoubashman O, Pjontek R, Brockmann MA, Tolba R, Wiesmann M (2015) Retrieval of migrated coils with stent retrievers: an animal study. AJNR Am J Neuroradiol. 36:1162-6 (IF 3,589)
- [7] Nonn A, Kirschner S, Figueiredo G, Kramer M, Nikoubashman O, Pjontek R, Wiesmann M, Brockmann MA (2015) Feasibility, Safety, and Efficacy of Flow-Diverting Stent-Assisted Microsphere Embolization of Fusiform and Sidewall Aneurysms. Neurosurgery. 77:126-35 (IF 3,62)
- [8] Othman A, Hamou HA, Pjontek R, Afat S, Clusmann H, Wiesmann M, Brockmann MA (2015) Evaluation of whole body Ultralow-Dose CT for the assessment of ventriculoperitoneal shunt complications: an experimental ex-vivo study in a swine model. Eur Radiol. 25:2199-204 (IF 4,014)
- [9] Othman AE, Afat S, Brockmann MA, Nikoubashman O, Brockmann C, Nikolaou K, Wiesmann M (2015) Radiation dose reduction in perfusion CT imaging of the brain: A review of the literature. J Neuroradiol 43:1-5 (IF 1,753)

- [10] Othman AE, Afat S, Brockmann MA, Nikoubashman O, Homann G, Nikolaou K, Wiesmann M, Kim JH. (2015) Low-Dose Volume-Perfusion CT of the Brain: Effects of Radiation Dose Reduction on Performance of Perfusion CT Algorithms. *Clinical Neuroradiology* pp 1-8 (IF 2,25)
- [11] Othman AE, Afat S, Hamou HA, Pjontek R, Tsiflikas I, Nikoubashman O, Brockmann MA, Nikolaou K, Clusmann H, Wiesmann M (2015) High-Pitch Low-Dose Whole-Body Computed Tomography for the Assessment of Ventriculoperitoneal Shunts in a Pediatric Patient Model: An Experimental Ex Vivo Study in Rabbits. *Invest Radiol.* 50:858-62 (IF 4,437)
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- [17] Schöpf V, Kollendorfer K, Pollak M, Mueller CA, Freiherr J (2015) Intranasal insulin influences the olfactory performance of patients with smell loss, dependent on the body mass index: A pilot study. *Rhinology.* 2015 Dec;53(4):371-8. doi: 10.4193/Rhin15.065 (IF: 1.686)
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