

### Journalbeiträge

1. Dieringer MA, Deimling M, Santoro D, Wuerfel J, Madai VI, Sobesky J, von Knobelsdorff-Brenkenhoff F, Schulz-Menger J, Niendorf T (2014) Rapid parametric mapping of the longitudinal relaxation time T1 using two-dimensional variable flip angle magnetic resonance imaging at 1.5 Tesla, 3 Tesla, and 7 Tesla. PLOS ONE 9(3): e91318, doi: 10.1371/journal.pone.0091318
2. Dolatowski K, Malinova V, Frölich AMJ, Schramm R, Haberland U, Klotz E, Mielke D, Knauth M, Schramm P (2014) Volume perfusion CT (VPCT) for the differential diagnosis of patients with suspected cerebral vasospasm: qualitative and quantitative analysis of 3D parameter maps. EUR J RADIOL 83(10): 1881-9, doi: 10.1016/j.ejrad.2014.06.020
3. Engelke W, Glombek J, Psychogios M, Schneider S, Ellenberger D, Santander P (2014) Displacement of oropharyngeal structures during suction-swallowing cycles. EUR ARCH OTO-RHINO-L 271(7): 1987-97, doi: 10.1007/s00405-014-2919-4
4. Frölich AMJ, Wolff SL, Psychogios MN, Klotz E, Schramm R, Wasser K, Knauth M, Schramm P (2014) Time-resolved assessment of collateral flow using 4D CT angiography in large-vessel occlusion stroke. EUR RADIOL 24(2): 390-6, doi: 10.1007/s00330-013-3024-6
5. Fuchs K, Hezel F, Klix S, Mecke R, Wuerfel J, Niendorf T (2014) Simultaneous dual contrast weighting using double echo rapid acquisition with relaxation enhancement (RARE) imaging. MAGN RESON MED 72(6): 1590-8, doi: 10.1002/mrm.25066
6. Galow LV, Schneider J, Lewen A, Ta TT, Papageorgiou IE, Kann O (2014) Energy substrates that fuel fast neuronal network oscillations. Front Neurosci 8: 398, doi: 10.3389/fnins.2014.00398
7. Kallenberg K, Goldmann T, Menke J, Strik H, Bock HC, Mohr A, Buhk JH, Frahm J, Dechent P, Knauth M (2014) Abnormalities in the normal appearing white matter of the cerebral hemisphere contralateral to a malignant brain tumor detected by diffusion tensor imaging. FOLIA NEUROPATHOL 52(3): 226-33
8. Kuchling J, Sinnecker T, Bozin I, Dörr J, Madai VI, Sobesky J, Niendorf T, Paul F, Wuerfel J (2014) [Ultrahigh field MRI in context of neurological diseases]. NERVENARZT 85(4): 445-58, doi: 10.1007/s00115-013-3967-5
9. Kuchling J, Ramien C, Bozin I, Dörr J, Harms L, Rosche B, Niendorf T, Paul F, Sinnecker T, Wuerfel J (2014) Identical lesion morphology in primary progressive and relapsing-remitting MS--an ultrahigh field MRI study. MULT SCLER J 20(14): 1866-71, doi: 10.1177/1352458514531084
10. Lindner T, Langner S, Graessl A, Rieger J, Schwerter M, Muhle M, Lysiak D, Kraus O, Wuerfel J, Guthoff RF, Falke K, Hadlich S, Krueger PC, Hosten N, Niendorf T, Stachs O (2014) High spatial resolution in vivo magnetic resonance imaging of the human eye, orbit, nervus opticus and optic nerve sheath at 7.0 Tesla. EXP EYE RES 125: 89-94, doi: 10.1016/j.exer.2014.05.017
11. Menck K, Behme D, Pantke M, Reiling N, Binder C, Pukrop T, Klemm F (2014) Isolation of human monocytes by double gradient centrifugation and their differentiation to macrophages in teflon-coated cell culture bags. J Vis Exp N.N.(91): e51554, doi: 10.3791/51554
12. Menke J, Schramm P, Sohns JM, Kallenberg K, Staab W (2014) Diagnosing flow residuals in coiled cerebral aneurysms by MR angiography: meta-analysis. J NEUROL 261(4): 655-62, doi: 10.1007/s00415-013-7053-5
13. Mielke D, Mayfrank L, Psychogios MN, Rohde V (2014) The anterior interhemispheric approach: a safe and effective approach to anterior skull base lesions. ACTA NEUROCHIR 156(4): 689-96, doi: 10.1007/s00701-013-1972-x
14. Müller K, Kuchling J, Dörr J, Harms L, Ruprecht K, Niendorf T, Wuerfel J, Paul F, Sinnecker T (2014) Detailing intra-lesional venous lumen shrinking in multiple sclerosis investigated by sFLAIR MRI at 7-T. J NEUROL 261(10): 2032-6, doi: 10.1007/s00415-014-7460-2
15. Scheel M, Finke C, Oberwahrenbrock T, Freing A, Pech LM, Schlichting J, Sömmer C, Wuerfel J, Paul F, Brandt AU (2014) Retinal nerve fibre layer thickness correlates with brain white matter damage in multiple sclerosis: a combined optical coherence tomography and diffusion tensor imaging study. MULT SCLER J 20(14): 1904-7, doi: 10.1177/1352458514535128
16. Streitberger KJ, Reiss-Zimmermann M, Freimann FB, Bayerl S, Guo J, Arlt F, Wuerfel J, Braun J, Hoffmann KT, Sack I (2014) High-resolution mechanical imaging of glioblastoma by multifrequency magnetic resonance elastography. PLOS ONE 9(10): e110588, doi: 10.1371/journal.pone.0110588

### Medizinische Dissertationen

1. Landsberger JS, Dr. med. (2014) Können zervikale Lymphknoten vorhersagen, ob eine Carotisplaque vulnerabel ist? Dissertation Universität Göttingen.

**Zahnmedizinische Dissertationen**

1. Friedrichs T, Dr. med. dent. (2014) Eine Phantomstudie zur Strahlenexposition des Untersuchers bei Rotationsaquisitionen mit einer Flachdetektor-Angiographie-Anlage. Dissertation Universität Göttingen.