

Selected Conference Proceedings

1. Mohammadi S, Tabelow K, Polzehl J, Weiskopf N (submitted) High-resolution diffusion kurtosis imaging (DKI) enabled by segmented position orientation adaptive smoothing (POAS). 21st Annual Meeting ISMRM, Salt Lake City, Utah, 2013.
2. Callaghan MP, Lutti A, Mohammadi S, Weiskopf N (submitted) Dependence of R1 on tissue microstructure: A group study of 100 subjects. 21st Annual Meeting ISMRM, Salt Lake City, Utah, 2013.
3. Ruthotto L., Mohammadi S, Weiskopf N, Modersitzki J (accepted as oral presentation): DISCO - Diffeomorphic Susceptibility Correction of MRI in SPM. Bildverarbeitung für die Medizin, Heidelberg, 2013.
4. Mohammadi S, Nagy Z, Josephs O, Weiskopf N (2011a) The vibration artifact in DTI: assessment and correction. Proceedings of the 17th Human Brain Mapping meeting, June 26-30, 2011, Quebec City, Neuroimage 49, Abstract: 602.
5. Mohammadi S, Deppe M, Möller HE (2010a) Scaling in readout direction: a vibration-induced distortion of diffusion-weighted images and its retrospective correction by affine registration. In: Proc 18th Annual Meeting ISMRM, Stockholm, 2010 Abstract 3103.
6. Mohammadi S, Glauche V, Keller SS, Deppe M (2010b) The influence of the registration on voxel-based statistics of fractional anisotropy images: using detected white matter degenerations associated with juvenile myoclonic epilepsy as a gold standard. In: Proc 18th Annual Meeting ISMRM, Stockholm, 2010 Abstract 1557.
7. Mohammadi S, Floel A, Glauche V, Schwindt W, Deppe M (2009a) Comparing VBM-style voxel-based statistics of FA images and TBSS for the detection of hemispheric asymmetries. Proceedings of the 15th Human Brain Mapping meeting, June 18-23, 2009, San Fransisco, Neuroimage 47: S128.
8. Mohammadi S, Glauche V, Deppe M (2009b) SPM normalization toolbox for voxel-based statistics on fractional anisotropy images. Proceedings of the 15th Human Brain Mapping meeting, June 18-23, 2009, San Fransisco, Neuroimage 47: S122.
9. Mohammadi S, Jansen A, Schwindt W, Knecht S, Deppe M (2007a) Identifying anatomical correlates of right-hemispheric language processing: A diffusion tensor imaging study. Proceedings of the 13th Human Brain Mapping meeting, June 10-14, 2007, Chicago, Neuroimage 36: S37 (*oral presentation*).