

Publications

JOURNALS

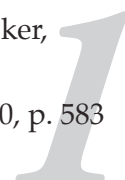
- **“High Resolution 3D Myocardial Perfusion Imaging using *k-t* PCA”**
V. Vitanis, R. Manka, D. Giese, H. Pedersen, S. Plein, P. Boesiger and S. Kozerke
Magnetic Resonance in Medicine, 2010 (In Press)
- **“Dynamic Three-Dimensional Stress Cardiac Magnetic Resonance Perfusion Imaging: Detection of Coronary Artery Disease and Volumetry of Myocardial Ischemic Burden Before and After Coronary Stenting”**
R. Manka, C. Jahnke, S. Kozerke, V. Vitanis, G. Crelier, R. Gebker, B. Schnackenburg, P. Boesiger, E. Fleck and I. Paetsch
Journal of the American College of Cardiology, 2010 (In Press)
- **“Clinical Validation of Highly Accelerated High Spatial Resolution Myocardial Perfusion Imaging”**
R. Manka, V. Vitanis, P. Boesiger, A. Flammer, S. Plein and S. Kozerke
JACC Imaging, 2010 vol. 3 (7) pp. 710-717
- **“Accelerated Cardiac Perfusion Imaging Using *k-t* SENSE with SENSE Training”**
V. Vitanis, R. Manka, P. Boesiger and S. Kozerke
Magnetic Resonance in Medicine, 2009 vol. 62 pp. 955-965

INVITED PAPERS

- **“High Resolution 3D Myocardial Perfusion Imaging Using Compartment-Based *k-t* PCA”**
V. Vitanis, R. Manka, P. Boesiger and S. Kozerke
32nd Annual International IEEE EMBS Conference, Buenos Aires, Argentina, 2010, p. 1585

PROCEEDINGS

- **“High Resolution 3D Cardiac Perfusion Imaging using Compartment-based *k-t* PCA”**
V. Vitanis, R. Manka, H. Pedersen, P. Boesiger and S. Kozerke
Proc. ISMRM, 18th Annual Meeting, Stockholm, Sweden, 2010, p. 3628
- **“Three-Dimensional Stress Cardiac Magnetic Resonance Perfusion Imaging for the Detection of Coronary Artery Disease”**
R. Manka, C. Jahnke, S. Kozerke, V. Vitanis, G. Crelier, R. Gebker, B. Schnackenburg, P. Boesiger, E. Fleck and I. Paetsch
Proc. ISMRM, 18th Annual Meeting, Stockholm, Sweden, 2010, p. 583



**PROCEEDINGS
(continued)**

- **“Three-Dimensional Stress Cardiac Magnetic Resonance Perfusion Imaging for the Detection of Coronary Artery Disease and Quantification of Myocardial Ischemic Burden”**
R. Manka, C. Jahnke, S. Kozerke, V. Vitanis, G. Crelier, R. Gebker, B. Schnackenburg, P. Boesiger, E. Fleck and I. Paetsch
Proc. DGK, 76th Annual Meeting, Mannheim, Germany, 2010, V636
- **“High Resolution 3D Cardiac Perfusion Imaging using *k-t* PCA”**
V. Vitanis, R. Manka, P. Boesiger, H. Pedersen and S. Kozerke
Proc. SCMR, 13th Annual Meeting, Phoenix, USA, 2010, p. 107
- **“Highly Accelerated High Spatial Resolution Myocardial Perfusion Imaging”**
R. Manka, V. Vitanis, P. Boesiger, S. Plein and S. Kozerke
Proc. SCMR, 13th Annual Meeting, Phoenix, USA, 2010, p. 74
- **“High Resolution First-pass Myocardial Perfusion using *k-t* SENSE”**
V. Vitanis, R. Manka, P. Boesiger and S. Kozerke
Proc. ESMRMB, 25th Annual Meeting, Valencia, Spain, 2008, p. 195
- **“A Modified *k-t* SENSE Algorithm for High Resolution 3D First-Pass Myocardial Perfusion”**
V. Vitanis, R. Manka, P. Boesiger and S. Kozerke
Proc. Rapid MR Imaging Workshop, Freiburg, Germany, 2008
- **“Compressed Sensing Cardiac Perfusion Imaging: Feasibility and Comparison to *k-t* BLAST”**
V. Vitanis, U. Gamper, P. Boesiger and S. Kozerke
Proc. SCMR, 11th Annual Meeting, Los Angeles, USA, 2008, p. 1143
- **“Highly Accelerated *k-t* SENSE Cardiac Perfusion Imaging”**
V. Vitanis, S. Plein, P. Boesiger and S. Kozerke
Proc. ISMRM, 15th Annual Meeting, Berlin, Germany, 2007, p. 848
- **“Highly Accelerated *k-t* SENSE with Improved Temporal Fidelity”**
V. Vitanis, P. Boesiger and S. Kozerke
Proc. ESMRMB, 23rd Annual Meeting, Warsaw, Poland, 2006, p. 156
- **“Highly Accelerated *k-t* SENSE Using Large Coil Arrays”**
V. Vitanis, C. Baltes, J. Tsao, M. S. Hansen, P. Boesiger and S. Kozerke
Proc. BMT, Annual Meeting, Zurich, Switzerland, 2006
- **“Highly Accelerated *k-t* SENSE Using Large Coil Arrays”**
V. Vitanis, C. Baltes, J. Tsao, M. S. Hansen, P. Boesiger and S. Kozerke
Proc. ISMRM, 14th Annual Meeting, Seattle, USA, 2006, p. 142