Arterial Spin Labeling Measured Choroidal Blood Flow Is Reduced in Age-Related Macular Degeneration and Correlates with Severity Level

Authors: Dai, Weiying  O’Loughlin, Lauren  Yu, Gina  Zhao, Li  Alsop, David  Arroyo, Jorge
Session Type: Traditional Poster
Session Date: Monday, May 9, 2016
Session: Perfusion in Health & Disease

ASL Derived CBF Post Carotid Intervention Predicts Post-Operative Cognitive Impairment

Authors: Soman, Salil  Dai, Weiying  Hitchner, Elizabeth  Massaband, Payam  Alsop, David  Rosen, Allyson  Zhou, Wei
Session Type: Traditional Poster
Session Date: Monday, May 9, 2016
Session: Perfusion in Health & Disease

Differential Tumor Perfusion in Vivo on Arterial Spin Labeled MRI Correlates with Heterogeneity in the Molecular Phenotype of Clear Cell Renal Cell Carcinoma

Authors: Bhasin, Manoj  Bhatt, Rupal  Robson, Phillip  Rajamani, Deepa  Signoretti, Sabina  Alsop, David  Pedrosa, Ivan
Session Type: Oral
Session Date: Tuesday, May 10, 2016
Session: Tumour Diffusion, Perfusion & Vessel Imaging
Improved Pseudo Continuous Arterial Spin Labeling Efficiency Robustness to Off Resonance and High Velocity
Authors: Zhao, Li   Alsop, David
Session Type: Traditional Poster
Session Date: Monday, May 9, 2016
Session: Arterial Spin Labeling

Increasing the Inhomogeneous Magnetization Transfer (IhMT) Signal in Vivo with High Amplitude, Low Duty Cycle Irradiation
Authors: Varma, Gopal   Girard, Olivier   Prevost, Valentin   Duhamel, Guillaume   Alsop, David
Session Type: Electronic Poster
Session Date: Monday, May 9, 2016
Session: CEST & MT

In-Vivo Measurement of a New Source of Tissue Contrast, the Dipolar Relaxation Time, $T_{1D}$, Using a Modified IhMT Sequence
Authors: Varma, Gopal   Prevost, Valentin   Girard, Olivier   Duhamel, Guillaume   Alsop, David
Session Type: Electronic Power Pitch Poster
Session Date: Thursday, May 12, 2016
Session: Contrast Mechanisms: Novel Imaging Biomarkers

A Potential Global Brain Network Identified Using Resting State Arterial Spin Labeling
Authors: Dai, Weiying   Zhao, Li   Alsop, David
Session Type: Electronic Poster
Session Date: Tuesday, May 10, 2016
Session: Normal Brain Methods 2
T1D-W IhMT: Dipolar Relaxation Time Weighted Imaging Using Inhomogeneous Magnetization Transfer
Authors: Duhamel, Guillaume   Prevost, Valentin   Varma, Gopal   Alsop, David   Girard, Olivier
Session Type: Electronic Poster
Session Date: Monday, May 9, 2016
Session: CEST & MT

Theoretical and Experimental Optimization of a 3D Steady-State Inhomogeneous Magnetization Transfer (IhMT) Gradient Echo Sequence: Boosting the IhMT Sensitivity with Sparse Energy Deposition
Authors: Girard, Olivier   Varma, Gopal   Mchinda, Samira   Prevost, Valentin   Le Troter, Arnaud   Rapacchi, Stanislas   Guye, Maxime   Ranjeva, Jean-Philippe   Alsop, David   Duhamel, Guillaume
Session Type: Electronic Poster
Session Date: Monday, May 9, 2016
Session: CEST & MT

Toward Spectroscopically Selective Imaging of Hyperpolarized Pyruvate and Its Metabolites Using Binomial Pulses in Balanced Steady-State Free Precession
Authors: Varma, Gopal   Coutinho de Souza, Patricia   Tsai, Leo   Bhatt, Rupal   Grant, Aaron
Session Type: Traditional Poster
Session Date: Wednesday, May 11, 2016
Session: Hyperpolarised C-13 & Other Nuclei