



An inhomogeneous magnetization transfer (ihMT) quantification method robust to B1 and T1 variations in magnetization prepared acquisitions

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Assessment of two T1D components within myelinated tissue with ihMT MRI

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Cervical Spine inhomogeneous Magnetization Transfer (ihMT) Imaging Using ECG-Triggered 3D Rapid Acquisition Gradient-Echo (ihMT-RAGE)

Troalen, Thomas Callot, Virginie Varma, Gopal Forodighasemabadi, Arash Guye, Maxime Alsop, David Duhamel, Guillaume Girard, Olivier

Differentiation of Pancreatic Head Ductal Adenocarcinoma from Inflammatory Pancreatic Pseudomass by MR Cholangio-pancreatography: Utility of the Duct-interrupted, Corona and Attraction Signs

Garces-Descovich, Alejandro Beker, Kevin Tsai, Leo Lee, Karen Hegazi, Tarek Brook, Alexander Jaramillo-Cardoso, Adrian Morteles, Koenraad

Free-breathing renal perfusion measurement with volumetric ASL using variable-density FSE and 4D Compressed-Sensing

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High-resolution whole brain ASL perfusion imaging using variably undersampled Cartesian Fast-Spin-Echo and Compressed Sensing reconstruction

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In vivo inhomogeneous magnetization transfer (ihMT) outside the brain using radial ultra-short echo-time acquisitions

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Investigating the Influence of Adipose Fat on the Inhomogeneous Magnetization Transfer (ihMT) Images

Ercan, Ece Varma, Gopal Dimitrov, Ivan Pinho, Marco Zhang, Shu Wang, Xinzeng Madhuranthakam, Ananth Alsop, David Lenkinski, Robert Vinogradov, Elena

Myelin-sensitive imaging of the optic chiasm and optic nerve at 3T using inhomogeneous magnetization transfer (ihMT) with high B1 pulses

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Myeloarchitectonic mapping of cortical gray matter with 3D inhomogeneous magnetization transfer (ihMT)

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Neurodegeneration of the substantia nigra after ipsilateral infarct: quantification with MRI R2* mapping and relationship to clinical outcome

Thomas, Tourdias Linck, Pierre Antoine Kuchcinski, Gregory Munsch, Fanny Griffier, Romain Lopes, Renaud Okubo, Gosuke Sagnier, Sharmila Renou, Pauline Asselineau, Julien Perez, Paul Dousset, Vincent Sibon, Igor

On the dipolar order underlying broad macromolecular lines

Girard, Olivier Carvalho, Victor de Rochefort, Ludovic Hertanu, Andreea Thureau, Pierre Varma, Gopal Alsop, David Duhamel, Guillaume

Pancreatic perfusion modulation following glucose stimuli revealed by non-invasive Arterial Spin Labeling (ASL) MRI

Taso, Manuel Mortelet, Koenraad Papadopoulou, Fotini Smith, Martin Alsop, David

Rapid Visualization of the Effects of Lactate Dehydrogenase Inhibition in Breast Cancer using Hyperpolarized Pyruvate

Callahan, Cody Vaidya, Manushka Sonzogni, Olmo Pinto, Jocelin Seth, Pankaj Wulf, Gerburg Grant, Aaron

Rotated Stack of Spirals 3D RARE for Single-shot Volumetric ASL Acquisition

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Toward quantitative inhomogeneous magnetization transfer (qihMT) using a general Matrix Exponential Model

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