

Publications quoting TRAIL *(from 2012 to 2016)*

WP1 - MR Guided HIFU

■ MRGHIFU : Methodological developments for preclinical & clinical applications of MR guided HIFU

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WP2 - New Sequences

■ HR-DTI: Developing High-Resolution DTI method

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José V. Manjón and Pierrick Coupé, Frontiers in Neuroinformatics, july 2016.

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J. E. Romero, J. V. Manjon, J. Tohka, P. Coupé, M. Robles. Magnetic Resonance Imaging, 33(4): 474-484, 2015

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N. Guizard, P. Coupé, V. Fonov, J. V. Manjon, A Douglas, D. L. Collins. Neuroimage: Clinical, 8: 376-389, 2015.

An Optimized PatchMatch for Multi-scale and Multi-feature Label Fusion.

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■ HR-DTI: Developing High-Resolution DTI method

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■ NEWFISP: Improving MRI resolution to correctly MRI-diagnose cardiac pathologies and metastases

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WP3 – Dynamic Nuclear Polarization

■ TRAILDNP: To improve in vivo DNP in mice at 0.2 T

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WP4 – Tracers and contrast agents

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WP5 - Bioimaging markers

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■ MIMATHUMAB: Molecular Imaging of Atheroma with Human Antibody

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WP6 – Mathematical simulation and modeling

■ MOD: Mathematical modeling of the response to antiangiogenic drugs via medical imaging

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WP7 – Cohort imaging methodology

■ ADDP: Supported Silyl Fluorination

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