Flow-based arterial spin labeling: from brain to body

Franklin, S.L.

Chapter 10

List of publications

1. S.L. Franklin, N. Voormolen, I.K. Bones, T. Korteweg, M.N.J.M. Wasser, H.G. Dankers, D. Cohen, M. Van Stralen, C. Bos and M.J.P. van Osch (2021). Feasibility of Velocity-Selective Arterial Spin Labeling in breast cancer patients for non-contrast enhanced perfusion imaging. *jMRI, 54(4):1282-1291.*
2. S.L. Franklin, I. Bones, A. Harteveld, L. Hirschler, M. van Stralen, Q. Qin, A. de Boer, J. Hoogduin, C. Bos, M.J.P. van Osch, S. Schmidt (2020). Multi-organ comparison of flow-based Arterial Spin Labeling techniques. *Mag Res Med, 85(5)*:2580-2594.
3. S.L. Franklin, S. Schmid, C. Bos, M.J.P. van Osch (2019). Influence of the cardiac cycle on velocity selective and acceleration selective arterial spin labeling. *Mag Res Med, 83(3)*:872-882.
4. I.K. Bones, S.L. Franklin, A.A. Harteveld, M.J.P. van Osch, S. Schmid, J. Hendrikse, C.T. Moonen, M. van Stralen, C. Bos, (2020). Exploring label dynamics of velocity-selective arterial spin labeling in the kidney. *Mag Res Med, 86(1)*: 131-142.
5. I.K. Bones, S.L. Franklin, A.A. Harteveld, M.J.P. van Osch, J. Hendrikse, C.T. Moonen, M. van Stralen, C. Bos, (2020). Influence of labelling parameters and respiratory motion on velocity-selective ASL for renal perfusion imaging. *Mag Res Med, 84(4)*:1919-1932.
6. I.K. Bones, A.A. Harteveld, S.L.Franklin, M.J.P. van Osch, J. Hendrikse, C.T.W. Moonen, C. Bos, M. van Stralen (2019). Enabling free-breathing background suppression renal pCASL using fat imaging and retrospective motion correction. *Mag Res Med*, *82(1)*:276-288.
7. A.A. Harteveld, A. de Boer, S.L. Franklin, T. Leiner, M. van Stralen, C. Bos (2019). Comparison of multi-delay FAIR and pCASL labeling approaches for renal perfusion quantification at 3T MRI. *MAGMA, 33:*81-94.
8. A.A. Harteveld, J. Hutter, S.L. Franklin, L. Jackson, M. Rutherford, J. Hajnal, M.J.P. van Osch, C. Bos, E. De Vita (2020). Systematic evaluation of velocity-selective arterial spin labeling settings for placental perfusion measurement. *Mag Res Med, 84(4)*:1828-1843.
9. J. Hutter, A.A. Harteveld, L.H. Jackson, S.L. Franklin, C. Bos, M.J.P. van Osch, J. O'Muircheartaigh, A. Ho, L. Chappell, J. V. Hajnal, M. Rutherford, E. De Vita (2018). Perfusion and apparent oxygenation in human placenta (PERFOX). *Mag Res Med*; 83(2):549-560.
10. C. Baligand, L. Hirschler, T.T.J. Veeger, L. Vaclavu, S.L. Franklin, M.J.P. van Osch, H.E. Kan (2021). A split-label design for simultaneous measurements of perfusion in distant slices by pulsed arterial spin labelling. *Magn Res Med*, *86(5)*:2441-2453.