

## QMap publications

**Greulich S, Mayr A, Kitterer D, Latus J, Henes J, Steubing H, Kaesemann P, Patrascu A, Greiser A, Groeninger S, Braun N, Alscher MD, Sechtem U, Mahrholdt H.**

T1 and T2 mapping for evaluation of myocardial involvement in patients with ANCA-associated vasculitides

*J Cardiovasc Magn Reson* 2017; 19:6; doi: 10.1186/s12968-016-0315-5

**Parekh K, Markl M, Deng J, Freitas RA de, Rigsby CK**

T1 mapping in children and young adults with hypertrophic cardiomyopathy

*Int J Cardiovasc Imaging* 2016; doi: 10.1007/210554-016-0979-9

**Kuijpers DJ, Prakken NH, Vlieghenthart R, Dijkman PRM van, Harst P van der, Oudkerk M.**

Caffeine intake inverts the effect of adenosine on myocardial perfusion during stress as measured by T1 mapping.

*Int J Cardiovasc Imaging* 2016;

**Chen C-A, Dusenbury SM, Valente AM, Powell AJ, Geva T**

Myocardial ECV fraction assessed by CMR is associated with type of hemodynamic load and arrhythmia in repaired tetralogy of Fallot.

*J Am Coll Cardiol Img* 2016; 9: 1-10.

**Zhang Y, Corona-Villalobos CP, Kiani AN, Eng J, Kamel IR, Zimmerman SL, Petri M**

Myocardial T2 mapping by cardiovascular magnetic resonance reveals subclinical myocardial inflammation in patients with systemic lupus erythematosus

*Int J Cardiovasc Imaging* 2015; 31: 389-397

**Riesenkampff E, Chen C, Kantor P, Greenway S, Chaturvedi RR, Yoo S-J, Greiser A, Dipchand AI, Grosse-Wortmann L.**

Diffuse myocardial fibrosis in children after heart transplantations: a magnetic resonance T1 mapping study

*Transplantation* 2015; doi:10.1097/TP.0000000000000769

**Biesbroek PS, Beek AM, Niessen HWM, Rossum AC van**

T1-mapping in a case of acute biopsy-proven myocarditis with an apparently normal CMR: 'times are a-changing'

*Eur Heart Journal on-line* 2015;

**Kachenoura N, Besson-Hajji L, Graves MJ, Reid S, Soulat G, Ashrafpoor G, De Cesare A, Hagege A, Redheuil A, Mousseaux E.**

Kinetic index combining native and postcontrast myocardial T1 in hypertrophic cardiomyopathy.

*J Magn Reson Imaging 2015: doi:10.1002/jmri.24947*

**Malek L, Werys K, Klopotoski M, Spiewak M, Milosz-Wieczorek B, Mazurkiewics L, Petryka-Mazurkiewicz J, Marczak M, Witkowski A**

Native T1-mapping for non-contrast assessment of myocardial fibrosis in patients with hypertrophic cardiomyopathy – comparison with late enhancement quantification.

*Magn Resonan Imaging 2015: dx.doi.org/10.1016/j.mri.2015.04.001*

**Zhang Y, Corona-Villalobos CP, Kiani AN, Eng J, Kamel IR, Zimmerman SL, Petri M**

Myocardial T2 mapping by cardiovascular magnetic resonance reveals subclinical myocardial inflammation in patients with systemic lupus erythematosus

*Int J Cardiovasc Imaging 2014: DOI 10.1007/s10554-014-0560-3*

**Yi CJ, Yang E, Lai S, Gai N, Liu C, Liu S, Zimmerman SL, Lima JAC, Bluemke DA**

Progression of diffuse myocardial fibrosis assessed by cardiac magnetic resonance T1 mapping.

*Int J Cardiovasc Imaging 2014; 30: 1339-1346*