Pernilla Peterson

List of Publications by Year
in descending order

18	301	933447 10	888059 17
papers	citations	h-index	g-index

18	18	18	525
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous quantification of fat content and fatty acid composition using MR imaging. Magnetic Resonance in Medicine, 2013, 69, 688-697.	3.0	57
2	Fat quantification using multiecho sequences with bipolar gradients: Investigation of accuracy and noise performance. Magnetic Resonance in Medicine, 2014, 71, 219-229.	3.0	39
3	Lymphedema Leads to Fat Deposition in Muscle and Decreased Muscle/Water Volume After Liposuction: A Magnetic Resonance Imaging Study. Lymphatic Research and Biology, 2018, 16, 174-181.	1.1	36
4	Magnetic resonance imaging reveals altered distribution of hepatic fat in children with type 1 diabetes compared to controls. Metabolism: Clinical and Experimental, 2015, 64, 872-878.	3.4	30
5	Quantitative 1 H MRI and MRS of fatty acid composition. Magnetic Resonance in Medicine, 2021, 85, 49-67.	3.0	29
6	Fat quantification in skeletal muscle using multigradient-echo imaging: Comparison of fat and water references. Journal of Magnetic Resonance Imaging, 2016, 43, 203-212.	3.4	24
7	Relaxation effects in MRIâ€based quantification of fat content and fatty acid composition. Magnetic Resonance in Medicine, 2014, 72, 1320-1329.	3.0	21
8	Assessment of Subfascial Muscle/Water and Fat Accumulation in Lymphedema Patients Using Magnetic Resonance Imaging. Lymphatic Research and Biology, 2019, 17, 340-346.	1.1	13
9	Targeting Free Prostate-Specific Antigen forIn VivoImaging of Prostate Cancer Using a Monoclonal Antibody Specific for Unique Epitopes Accessible on Free Prostate-Specific Antigen Alone. Cancer Biotherapy and Radiopharmaceuticals, 2012, 27, 243-251.	1.0	12
10	Quantification of low fat contents: a comparison of MR imaging and spectroscopy methods at 1.5 and 3 T. Magnetic Resonance Imaging, 2012, 30, 1461-1467.	1.8	10
11	In vivo comparison of MRIâ€based and MRSâ€based quantification of adipose tissue fatty acid composition against gas chromatography. Magnetic Resonance in Medicine, 2020, 84, 2484-2494.	3.0	8
12	Ultra-high field magnetic resonance imaging parameter mapping in the posterior horn of exÂvivo human menisci. Osteoarthritis and Cartilage, 2019, 27, 476-483.	1.3	6
13	Knee dGEMRIC at 7ÂT: comparison against 1.5ÂT and evaluation of T1-mapping methods. BMC Musculoskeletal Disorders, 2018, 19, 149.	1.9	5
14	T₂ relaxation time bias in gagCEST at 3T and 7T: comparison of saturation schemes. Magnetic Resonance in Medicine, 2019, 81, 1044-1051.	3.0	5
15	The role of cartilage glycosaminoglycan structure in gagCEST. NMR in Biomedicine, 2020, 33, e4259.	2.8	3
16	Relating MR relaxation times of ex vivo meniscus to tissue degeneration through comparison with histopathology. Osteoarthritis and Cartilage Open, 2020, 2, 100061.	2.0	1
17	High-Resolution MR Imaging of Muscular Fat Fractionâ€"Comparison of Three T2-Based Methods and Chemical Shift-Encoded Imaging. Tomography, 2017, 3, 153-162.	1.8	1
18	Favorable fatty acid composition in adipose tissue in healthy Iraqi- compared to Swedish-born men â€" a pilot study using MRI assessment. Adipocyte, 2022, 11, 153-163.	2.8	1