Bradley T Wyman

List of Publications by Citations

19 papers	2,495 citations	18 h-index	19 g-index
19 ext. papers	2,675 ext. citations	5.7 avg, IF	3.97 L-index

#	Paper	IF	Citations
19	Predictors of systolic augmentation from left ventricular preexcitation in patients with dilated cardiomyopathy and intraventricular conduction delay. *Circulation*, **2000**, 101, 2703-9	16.7	708
18	Mapping of regional myocardial strain and work during ventricular pacing: experimental study using magnetic resonance imaging tagging. *Journal of the American College of Cardiology*, **1999**, 33, 1735-42	15.1	520
17	Tofacitinib (CP-690,550) in patients with rheumatoid arthritis receiving methotrexate: twelve-month data from a twenty-four-month phase III randomized radiographic study. *Arthritis and Rheumatism*, **2013**, 65, 559-70		402
16	Mapping propagation of mechanical activation in the paced heart with MRI tagging. *American Journal of Physiology - Heart and Circulatory Physiology*, **1999**, 276, H881-91	5.2	116
15	Effects of single- and biventricular pacing on temporal and spatial dynamics of ventricular contraction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 282, H372-9	5.2	113
14	Mechanical dyssynchrony in dilated cardiomyopathy with intraventricular conduction delay as depicted by 3D tagged magnetic resonance imaging. *Circulation*, **2000**, 101, E2	16.7	77
13	Comparing the effects of tofacitinib, methotrexate and the combination, on bone marrow oedema, synovitis and bone erosion in methotrexate-naive, early active rheumatoid arthritis: results of an exploratory randomised MRI study incorporating semiquantitative and quantitative techniques. *Annals of the Rheumatic Diseases*, **2016**, 75, 1024-33	2.4	72
12	Imaging asynchronous mechanical activation of the paced heart with tagged MRI. *Magnetic Resonance in Medicine*, **1998**, 39, 507-13	4.4	62
11	Loading of the knee during 3.0T MRI is associated with significantly increased medial meniscus extrusion in mild and moderate osteoarthritis. *European Journal of Radiology*, **2012**, 81, 1839-45	4.7	60
10	A three-dimensional quantitative method to measure meniscus shape, position, and signal intensity using MR images: a pilot study and preliminary results in knee osteoarthritis. *Magnetic Resonance in Medicine*, **2010**, 63, 1162-71	4.4	57
9	Femorotibial subchondral bone area and regional cartilage thickness: a cross-sectional description in healthy reference cases and various radiographic stages of osteoarthritis in 1,003 knees from the Osteoarthritis Initiative. *Arthritis Care and Research*, **2010**, 62, 1612-23	4.7	50
8	Torsion of the left ventricle during pacing with MRI tagging. *Journal of Cardiovascular Magnetic Resonance*, **2003**, 5, 521-30	6.9	47
7	The representation of concurrent vowels in the cat anesthetized ventral cochlear nucleus: evidence for a periodicity-tagged spectral representation. *Journal of the Acoustical Society of America*, **1997**, 102, 1056-71	2.2	41
6	Relationship of compartment-specific structural knee status at baseline with change in cartilage morphology: a prospective observational study using data from the osteoarthritis initiative. *Arthritis Research and Therapy*, **2009**, 11, R90	5.7	38
5	An efficient subset of morphological measures for articular cartilage in the healthy and diseased human knee. *Magnetic Resonance in Medicine*, **2010**, 63, 680-90	4.4	36
4	Quantitative imaging of cartilage morphology at 3.0 Tesla in the presence of gadopentate dimeglumine (Gd-DTPA). *Magnetic Resonance in Medicine*, **2007**, 58, 402-6	4.4	31
3	Osteoarthritis of the knee at 3.0 T: comparison of a quantitative and a semi-quantitative score for the assessment of the extent of cartilage lesion and bone marrow edema pattern in a 24-month longitudinal study. *Skeletal Radiology*, **2011**, 40, 1315-27	2.7	29

2	Changes in MR relaxation times of the meniscus with acute loading: an in vivo pilot study in knee osteoarthritis. *Journal of Magnetic Resonance Imaging*, **2015**, 41, 536-43	5.6	19
1	Longitudinal quantitative MR imaging of cartilage morphology in the presence of gadopentetate dimeglumine (Gd-DTPA). *Magnetic Resonance in Medicine*, **2009**, 61, 975-80	4.4	17