Alan Bainbridge

List of Publications by Year
in descending order

15 papers	**333** citations	1039406 **9** h-index
15 all docs	**15** docs citations	**15** times ranked

996533 **15** g-index
514 citing authors

#	Article	IF	Citations
1	An information‐based comparison of diffusion attenuation models in normal and inflamed bone marrow. NMR in Biomedicine, 2020, 33, e4390.	1.6	3
2	Practical Approaches to Bone Marrow Fat Fraction Quantification Across Magnetic Resonance Imaging Platforms. Journal of Magnetic Resonance Imaging, 2020, 52, 298-306.	1.9	15
3	Histographic analysis of oedema and fat in inflamed bone marrow based on quantitative MRI. European Radiology, 2020, 30, 5099-5109.	2.3	14
4	Quantitative Magnetic Resonance Imaging Has Potential for Assessment of Spondyloarthritis: Arguments for its Study and Use. Journal of Rheumatology, 2019, 46, 541-542.	1.0	6
5	Association of bone mineral density and fat fraction with magnetic susceptibility in inflamed trabecular bone. Magnetic Resonance in Medicine, 2019, 81, 3094-3107.	1.9	10
6	Fat fraction mapping using magnetic resonance imaging: insight into pathophysiology. British Journal of Radiology, 2018, 91, 20170344.	1.0	39
7	Simultaneous Quantification of Bone Edema/Adiposity and Structure in Inflamed Bone Using Chemical Shift‐Encoded <scp>MRI</scp> in Spondyloarthritis. Magnetic Resonance in Medicine, 2018, 79, 1031-1042.	1.9	47
8	Whole-body MRI quantitative biomarkers are associated significantly with treatment response in patients with newly diagnosed symptomatic multiple myeloma following bortezomib induction. European Radiology, 2017, 27, 5325-5336.	2.3	62
9	Whole body magnetic resonance imaging in newly diagnosed multiple myeloma: early changes in lesional signal fat fraction predict disease response. British Journal of Haematology, 2017, 176, 222-233.	1.2	48
10	Diagnostic utility of whole body Dixon MRI in multiple myeloma: A multi-reader study. PLoS ONE, 2017, 12, e0180562.	1.1	38
11	Use of Caval Subtraction 2D Phase-Contrast MR Imaging to Measure Total Liver and Hepatic Arterial Blood Flow: Preclinical Validation and Initial Clinical Translation. Radiology, 2016, 280, 916-923.	3.6	8
12	Modelling Blood Flow and Metabolism in the Preclinical Neonatal Brain during and Following Hypoxic-Ischaemia. PLoS ONE, 2015, 10, e0140171.	1.1	13
13	Whole Body (WB) MRI in Newly Diagnosed Multiple Myeloma (MM): Fat Fraction Changes at 8 Weeks Predict Response to Induction with Bortezomib Regimens. Blood, 2015, 126, 1850-1850.	0.6	1
14	Neonatal Encephalopathic Cerebral Injury in South India Assessed by Perinatal Magnetic Resonance Biomarkers and Early Childhood Neurodevelopmental Outcome. PLoS ONE, 2014, 9, e87874.	1.1	26
15	Modelling Blood Flow and Metabolism in the Piglet Brain During Hypoxia-Ischaemia: Simulating Brain Energetics. Advances in Experimental Medicine and Biology, 2013, 789, 339-344.	0.8	3