

Mei Wu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

96
citations

6
h-index

9
g-index

19
ext. papers

156
ext. citations

4.2
avg, IF

2.53
L-index

#	Paper	IF	Citations
18	Correlation between the elastic modulus of anterior cruciate ligament (ACL) and quantitative ultrashort echo time (UTE) magnetic resonance imaging.. <i>Journal of Orthopaedic Research</i> , 2022 ,	3.8	2
17	Quantitative assessment of articular cartilage degeneration using 3D ultrashort echo time cones adiabatic T (3D UTE-Cones-AdiabT) imaging.. <i>European Radiology</i> , 2022 , 1	8	0
16	Lower Macromolecular Content in Tendons of Female Patients with Osteoporosis versus Patients with Osteopenia Detected by Ultrashort Echo Time (UTE) MRI. <i>Diagnostics</i> , 2022 , 12, 1061	3.8	1
15	Automated cartilage segmentation and quantification using 3D ultrashort echo time (UTE) cones MR imaging with deep convolutional neural networks. <i>European Radiology</i> , 2021 , 31, 7653-7663	8	4
14	Quantitative 3D Ultrashort Echo Time Magnetization Transfer Imaging for Evaluation of Knee Cartilage Degeneration In Vivo. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 54, 1294-1302	5.6	1
13	Whole Volume Apparent Diffusion Coefficient (ADC) Histogram as a Quantitative Imaging Biomarker to Differentiate Breast Lesions: Correlation with the Ki-67 Proliferation Index. <i>BioMed Research International</i> , 2021 , 2021, 4970265	3	2
12	Ultrashort echo time adiabatic T (UTE-Adiab-T) is sensitive to human cadaveric knee joint deformation induced by mechanical loading and unloading. <i>Magnetic Resonance Imaging</i> , 2021 , 80, 98-105 ³³	3.3	0
11	Brain ultrashort T component imaging using a short TR adiabatic inversion recovery prepared dual-echo ultrashort TE sequence with complex echo subtraction (STAIR-dUTE-ES). <i>Journal of Magnetic Resonance</i> , 2021 , 323, 106898	3	2
10	Detecting Articular Cartilage and Meniscus Deformation Effects Using Magnetization Transfer Ultrashort Echo Time (MT-UTE) Modeling during Mechanical Load Application: Feasibility Study. <i>Cartilage</i> , 2020 , 1947603520976771	3	0
9	Convincing evidence for magic angle less-sensitive quantitative T imaging of articular cartilage using the 3D ultrashort echo time cones adiabatic T [(3D UTE cones-AdiabT) sequence. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 2551-2560	4.4	11
8	Magic angle effect on adiabatic T imaging of the Achilles tendon using 3D ultrashort echo time cones trajectory. <i>NMR in Biomedicine</i> , 2020 , 33, e4322	4.4	6
7	Diagnostic performance of whole-lesion apparent diffusion coefficient histogram analysis metrics for differentiating benign and malignant breast lesions: a systematic review and diagnostic meta-analysis. <i>Acta Radiologica</i> , 2020 , 61, 1165-1175	2	6
6	Knee menisci segmentation and relaxometry of 3D ultrashort echo time cones MR imaging using attention U-Net with transfer learning. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1109-1122	4.4	27
5	Quantitative three-dimensional ultrashort echo time cones imaging of the knee joint with motion correction. <i>NMR in Biomedicine</i> , 2020 , 33, e4214	4.4	9
4	Improved volumetric myelin imaging in human brain using 3D dual echo inversion recovery-prepared UTE with complex echo subtraction. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1168-1177	4.4	7
3	Knee osteochondral junction imaging using a fast 3D T-weighted ultrashort echo time cones sequence at 3T. <i>Magnetic Resonance Imaging</i> , 2020 , 73, 76-83	3.3	1
2	Evaluation of cortical bone perfusion using dynamic contrast enhanced ultrashort echo time imaging: a feasibility study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 1383-1393	3.6	3

- 1 Age-related decrease in collagen proton fraction in tibial tendons estimated by magnetization transfer modeling of ultrashort echo time magnetic resonance imaging (UTE-MRI). *Scientific Reports* , **2019**, 9, 17974 4.9 14