

Ya-Jun

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35
papers

258
citations

11
h-index

14
g-index

38
ext. papers

407
ext. citations

5
avg, IF

3.58
L-index

#	Paper	IF	Citations
35	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
34	Collagen proton fraction from ultrashort echo time magnetization transfer (UTE-MT) MRI modelling correlates significantly with cortical bone porosity measured with micro-computed tomography (μ CT). <i>NMR in Biomedicine</i> , 2019 , 32, e4045	4.4	19
33	Trabecular bone imaging using a 3D adiabatic inversion recovery prepared ultrashort TE Cones sequence at 3T. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1640-1651	4.4	18
32	Feasibility of using an inversion-recovery ultrashort echo time (UTE) sequence for quantification of glenoid bone loss. <i>Skeletal Radiology</i> , 2018 , 47, 973-980	2.7	16
31	Whole-Brain Myelin Imaging Using 3D Double-Echo Sliding Inversion Recovery Ultrashort Echo Time (DESIRE UTE) MRI. <i>Radiology</i> , 2020 , 294, 362-374	20.5	16
30	Fat suppression for ultrashort echo time imaging using a single-point Dixon method. <i>NMR in Biomedicine</i> , 2019 , 32, e4069	4.4	15
29	Incorporating prior knowledge via volumetric deep residual network to optimize the reconstruction of sparsely sampled MRI. <i>Magnetic Resonance Imaging</i> , 2020 , 66, 93-103	3.3	14
28	Evaluation of normal cadaveric Achilles tendon and enthesis with ultrashort echo time (UTE) magnetic resonance imaging and indentation testing. <i>NMR in Biomedicine</i> , 2019 , 32, e4034	4.4	12
27	Imaging of the region of the osteochondral junction (OCJ) using a 3D adiabatic inversion recovery prepared ultrashort echo time cones (3D IR-UTE-cones) sequence at 3T. <i>NMR in Biomedicine</i> , 2019 , 32, e4080	4.4	11
26	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
25	Correlations of cortical bone microstructural and mechanical properties with water proton fractions obtained from ultrashort echo time (UTE) MRI tricomponent T2* model. <i>NMR in Biomedicine</i> , 2020 , 33, e4233	4.4	11
24	Fat suppression for ultrashort echo time imaging using a novel soft-hard composite radiofrequency pulse. <i>Magnetic Resonance in Medicine</i> , 2019 , 82, 2178-2187	4.4	10
23	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
22	Ultrashort Echo Time Quantitative Susceptibility Mapping (UTE-QSM) of Highly Concentrated Magnetic Nanoparticles: A Comparison Study about Different Sampling Strategies. <i>Molecules</i> , 2019 , 24,	4.8	8
21	Inversion recovery UTE based volumetric myelin imaging in human brain using interleaved hybrid encoding. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 950-961	4.4	8
20	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
19	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

18	Rotator Cuff Tendon Assessment in Symptomatic and Control Groups Using Quantitative MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 864-872	5.6	6
17	Ultrashort echo time quantitative susceptibility mapping (UTE-QSM) for detection of hemosiderin deposition in hemophilic arthropathy: A feasibility study. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 3246-3255	4.4	5
16	Myelin Imaging in Human Brain Using a Short Repetition Time Adiabatic Inversion Recovery Prepared Ultrashort Echo Time (STAIR-UTE) MRI Sequence in Multiple Sclerosis. <i>Radiology</i> , 2020 , 297, 392-404	20.5	5
15	Assessment of an in vitro model of rotator cuff degeneration using quantitative magnetic resonance and ultrasound imaging with biochemical and histological correlation. <i>European Journal of Radiology</i> , 2019 , 121, 108706	4.7	3
14	T measurement of bound water in cortical bone using 3D adiabatic inversion recovery ultrashort echo time (3D IR-UTE) Cones imaging. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 634-645	4.4	3
13	To measure T of short T species using an inversion recovery prepared three-dimensional ultrashort echo time (3D IR-UTE) method: A phantom study. <i>Journal of Magnetic Resonance</i> , 2020 , 314, 106725	3	3
12	Volumetric imaging of myelin in vivo using 3D inversion recovery-prepared ultrashort echo time cones magnetic resonance imaging. <i>NMR in Biomedicine</i> , 2020 , 33, e4326	4.4	2
11	Ultrashort echo time Cones double echo steady state (UTE-Cones-DESS) for rapid morphological imaging of short T tissues. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 881-892	4.4	2
10	High contrast cartilaginous endplate imaging using a 3D adiabatic inversion-recovery-prepared fat-saturated ultrashort echo time (3D IR-FS-UTE) sequence. <i>NMR in Biomedicine</i> , 2021 , 34, e4579	4.4	2
9	Inversion Recovery Ultrashort TE MR Imaging of Myelin is Significantly Correlated with Disability in Patients with Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2021 , 42, 868-874	4.4	2
8	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
7	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
6	Fast quantitative three-dimensional ultrashort echo time (UTE) Cones magnetic resonance imaging of major tissues in the knee joint using extended spiral sampling. <i>NMR in Biomedicine</i> , 2020 , 33, e4376	4.4	1
5	High-contrast osteochondral junction imaging using a 3D dual adiabatic inversion recovery-prepared ultrashort echo time cones sequence. <i>NMR in Biomedicine</i> , 2021 , 34, e4559	4.4	1
4	Fast T measurement of cortical bone using 3D UTE actual flip angle imaging and single-TR acquisition (3D UTE-AFI-STR). <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 3290-3298	4.4	1
3	Rapid single scan ramped hybrid-encoding for bicomponent T2* mapping in a human knee joint: A feasibility study. <i>NMR in Biomedicine</i> , 2020 , 33, e4391	4.4	0
2	3D UTE bicomponent imaging of cortical bone using a soft-hard composite pulse for excitation. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 1581-1589	4.4	0
1	Evaluation of enzymatic proteoglycan loss and collagen degradation in human articular cartilage using ultrashort echo time-based biomarkers: A feasibility study.. <i>NMR in Biomedicine</i> , 2021 , e4664	4.4	0

