Ya-Jun

List of Publications by Year in Descending Order

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	Ultrashort echo time Cones double echo steady state (UTE-Cones-DESS) for rapid morphological imaging of short T tissues. *Magnetic Resonance in Medicine*, **2021**, 86, 881-892	4.4	2
34	High-contrast osteochondral junction imaging using a 3D dual adiabatic inversion recovery-prepared ultrashort echo time cones sequence. *NMR in Biomedicine*, **2021**, 34, e4559	4.4	1
33	High contrast cartilaginous endplate imaging using a 3D adiabatic inversion-recovery-prepared fat-saturated ultrashort echo time (3D IR-FS-UTE) sequence. *NMR in Biomedicine*, **2021**, 34, e4579	4.4	2
32	3D UTE bicompoent imaging of cortical bone using a soft-hard composite pulse for excitation. *Magnetic Resonance in Medicine*, **2021**, 85, 1581-1589	4.4	0
31	Inversion Recovery Ultrashort TE MR Imaging of Myelin is Significantly Correlated with Disability in Patients with Multiple Sclerosis. *American Journal of Neuroradiology*, **2021**, 42, 868-874	4.4	2
30	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). *Journal of Magnetic Resonance*, **2021**, 323, 106898	3	2
29	Fast T measurement of cortical bone using 3D UTE actual flip angle imaging and single-TR acquisition (3D UTE-AFI-STR). *Magnetic Resonance in Medicine*, **2021**, 85, 3290-3298	4.4	1
28	Evaluation of enzymatic proteoglycan loss and collagen degradation in human articular cartilage using ultrashort echo time-based biomarkers: A feasibility study.. *NMR in Biomedicine*, **2021**, e4664	4.4	0
27	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. *Magnetic Resonance in Medicine*, **2020**, 84, 2551-2560	4.4	11
26	Magic angle effect on adiabatic T imaging of the Achilles tendon using 3D ultrashort echo time cones trajectory. *NMR in Biomedicine*, **2020**, 33, e4322	4.4	6
25	Rotator Cuff Tendon Assessment in Symptomatic and Control Groups Using Quantitative MRI. *Journal of Magnetic Resonance Imaging*, **2020**, 52, 864-872	5.6	6
24	Trabecular bone imaging using a 3D adiabatic inversion recovery prepared ultrashort TE Cones sequence at 3T. *Magnetic Resonance in Medicine*, **2020**, 83, 1640-1651	4.4	18
23	Knee menisci segmentation and relaxometry of 3D ultrashort echo time cones MR imaging using attention U-Net with transfer learning. *Magnetic Resonance in Medicine*, **2020**, 83, 1109-1122	4.4	27
22	T measurement of bound water in cortical bone using 3D adiabatic inversion recovery ultrashort echo time (3D IR-UTE) Cones imaging. *Magnetic Resonance in Medicine*, **2020**, 84, 634-645	4.4	3
21	Quantitative three-dimensional ultrashort echo time cones imaging of the knee joint with motion correction. *NMR in Biomedicine*, **2020**, 33, e4214	4.4	9
20	Whole-Brain Myelin Imaging Using 3D Double-Echo Sliding Inversion Recovery Ultrashort Echo Time (DESIRE UTE) MRI. *Radiology*, **2020**, 294, 362-374	20.5	16
19	Correlations of cortical bone microstructural and mechanical properties with water proton fractions obtained from ultrashort echo time (UTE) MRI tricomponent T2* model. *NMR in Biomedicine*, **2020**, 33, e4233	4.4	11

18	Improved volumetric myelin imaging in human brain using 3D dual echo inversion recovery-prepared UTE with complex echo subtraction. *Magnetic Resonance in Medicine*, **2020**, 83, 1168-1177	4.4	7
17	Knee osteochondral junction imaging using a fast 3D T-weighted ultrashort echo time cones sequence at 3T. *Magnetic Resonance Imaging*, **2020**, 73, 76-83	3.3	1
16	Fast quantitative three-dimensional ultrashort echo time (UTE) Cones magnetic resonance imaging of major tissues in the knee joint using extended sprial sampling. *NMR in Biomedicine*, **2020**, 33, e4376	4.4	1
15	Ultrashort echo time quantitative susceptibility mapping (UTE-QSM) for detection of hemosiderin deposition in hemophilic arthropathy: A feasibility study. *Magnetic Resonance in Medicine*, **2020**, 84, 3246-3255	4.4	5
14	Rapid single scan ramped hybrid-encoding for bicomponent T2* mapping in a human knee joint: A feasibility study. *NMR in Biomedicine*, **2020**, 33, e4391	4.4	0
13	Volumetric imaging of myelin in vivo using 3D inversion recovery-prepared ultrashort echo time cones magnetic resonance imaging. *NMR in Biomedicine*, **2020**, 33, e4326	4.4	2
12	Myelin Imaging in Human Brain Using a Short Repetition Time Adiabatic Inversion Recovery Prepared Ultrashort Echo Time (STAIR-UTE) MRI Sequence in Multiple Sclerosis. *Radiology*, **2020**, 297, 392-404	20.5	5
11	Incorporating prior knowledge via volumetric deep residual network to optimize the reconstruction of sparsely sampled MRI. *Magnetic Resonance Imaging*, **2020**, 66, 93-103	3.3	14
10	Inversion recovery UTE based volumetric myelin imaging in human brain using interleaved hybrid encoding. *Magnetic Resonance in Medicine*, **2020**, 83, 950-961	4.4	8
9	To measure T of short T species using an inversion recovery prepared three-dimensional ultrashort echo time (3D IR-UTE) method: A phantom study. *Journal of Magnetic Resonance*, **2020**, 314, 106725	3	3
8	Ultrashort Echo Time Quantitative Susceptibility Mapping (UTE-QSM) of Highly Concentrated Magnetic Nanoparticles: A Comparison Study about Different Sampling Strategies. *Molecules*, **2019**, 24,	4.8	8
7	Fat suppression for ultrashort echo time imaging using a single-point Dixon method. *NMR in Biomedicine*, **2019**, 32, e4069	4.4	15
6	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. *NMR in Biomedicine*, **2019**, 32, e4080	4.4	11
5	Fat suppression for ultrashort echo time imaging using a novel soft-hard composite radiofrequency pulse. *Magnetic Resonance in Medicine*, **2019**, 82, 2178-2187	4.4	10
4	Assessment of an in vitro model of rotator cuff degeneration using quantitative magnetic resonance and ultrasound imaging with biochemical and histological correlation. *European Journal of Radiology*, **2019**, 121, 108706	4.7	3
3	Evaluation of normal cadaveric Achilles tendon and enthesis with ultrashort echo time (UTE) magnetic resonance imaging and indentation testing. *NMR in Biomedicine*, **2019**, 32, e4034	4.4	12
2	Collagen proton fraction from ultrashort echo time magnetization transfer (UTE-MT) MRI modelling correlates significantly with cortical bone porosity measured with micro-computed tomography (T). *NMR in Biomedicine*, **2019**, 32, e4045	4.4	19
1	Feasibility of using an inversion-recovery ultrashort echo time (UTE) sequence for quantification of glenoid bone loss. *Skeletal Radiology*, **2018**, 47, 973-980	2.7	16