

Xing Lu

List of Publications by Year in descending order

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16
papers

470
citations

777949

13
h-index

1113639

15
g-index

16
all docs

16
docs citations

16
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	RadBERT: Adapting Transformer-based Language Models to Radiology. Radiology: Artificial Intelligence, 2022, 4, .	3.0	35
2	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.	1.6	33
3	New options for increasing the sensitivity, specificity and scope of synergistic contrast magnetic resonance imaging (scMRI) using Multiplied, Added, Subtracted and/or FITted (MASTIR) pulse sequences. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2030-2065.	1.1	5
4	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.	1.9	20
5	Significant correlations between human cortical bone mineral density and quantitative susceptibility mapping (QSM) obtained with 3D Cones ultrashort echo time magnetic resonance imaging (UTE-MRI). Magnetic Resonance Imaging, 2019, 62, 104-110.	1.0	34
6	Three-dimensional ultrashort echo time imaging with tricomponent analysis for human cortical bone. Magnetic Resonance in Medicine, 2019, 82, 348-355.	1.9	42
7	Ultrashort Echo Time Quantitative Susceptibility Mapping (UTE-QSM) of Highly Concentrated Magnetic Nanoparticles: A Comparison Study about Different Sampling Strategies. Molecules, 2019, 24, 1143.	1.7	19
8	True phase quantitative susceptibility mapping using continuous single-point imaging: a feasibility study. Magnetic Resonance in Medicine, 2019, 81, 1907-1914.	1.9	24
9	3D adiabatic T ₁ prepared ultrashort echo time cones sequence for whole knee imaging. Magnetic Resonance in Medicine, 2018, 80, 1429-1439.	1.9	55
10	Accurate T ₁ mapping of short T ₂ tissues using a three-dimensional ultrashort echo time cones actual flip angle imaging variable repetition time (3D UTE-Cones AFL-VTR) method. Magnetic Resonance in Medicine, 2018, 80, 598-608.	1.9	69
11	Simultaneous quantitative susceptibility mapping (QSM) and for high iron concentration quantification with 3D ultrashort echo time sequences: An echo dependence study. Magnetic Resonance in Medicine, 2018, 79, 2315-2322.	1.9	26
12	Short T ₂ imaging using a 3D double adiabatic inversion recovery prepared ultrashort echo time cones (3D DIR-UTE-Cones) sequence. Magnetic Resonance in Medicine, 2018, 79, 2555-2563.	1.9	55
13	Simulation Study of Magnetic Response of Magnetic Nanoparticles for Temperature Measurement under Different Selection Magnetic Field. , 2018, , .		0
14	A Simulation Study on the Fat Caused Chemical Shift Effects on the Magnetic Susceptibility Measurement of IONPs With Ultra-Short TEs. IEEE Transactions on Magnetics, 2018, 54, 1-4.	1.2	1
15	Three-dimensional adiabatic inversion recovery prepared ultrashort echo time cones (3D IR-UTE-Cones) imaging of cortical bone in the hip. Magnetic Resonance Imaging, 2017, 44, 60-64.	1.0	19
16	Fast volumetric imaging of bound and pore water in cortical bone using three-dimensional ultrashort TE (UTE) and inversion recovery UTE sequences. NMR in Biomedicine, 2016, 29, 1373-1380.	1.6	33