

# Xing Lu

## List of Publications by Year in descending order

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16  
papers

470  
citations

687363

13  
h-index

996975

15  
g-index

16  
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16  
docs citations

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times ranked

297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate $T_1$ mapping of short $T_2$ tissues using a three-dimensional ultrashort echo time cones actual flip angle imaging with variable repetition time (3D UTE-Cones AFI-VTR) method. Magnetic Resonance in Medicine, 2018, 80, 598-608.	3.0	69
2	3D adiabatic $T_1$ prepared ultrashort echo time cones sequence for whole knee imaging. Magnetic Resonance in Medicine, 2018, 80, 1429-1439.	3.0	55
3	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.	3.0	55
4	Three-dimensional ultrashort echo time imaging with tricomponent analysis for human cortical bone. Magnetic Resonance in Medicine, 2019, 82, 348-355.	3.0	42
5	RadBERT: Adapting Transformer-based Language Models to Radiology. Radiology: Artificial Intelligence, 2022, 4, .	5.8	35
6	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.	1.8	34
7	Fast volumetric imaging of bound and pore water in cortical bone using three-dimensional ultrashort UTE (UTE) and inversion recovery UTE sequences. NMR in Biomedicine, 2016, 29, 1373-1380.	2.8	33
8	Correlations of cortical bone microstructural and mechanical properties with water proton fractions obtained from ultrashort echo time (UTE) MRI tricomponent $T_2^*$ model. NMR in Biomedicine, 2020, 33, e4233.	2.8	33
9	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.	3.0	26
10	True phase quantitative susceptibility mapping using continuous single-point imaging: a feasibility study. Magnetic Resonance in Medicine, 2019, 81, 1907-1914.	3.0	24
11	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.	3.0	20
12	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.	1.8	19
13	Ultrashort Echo Time Quantitative Susceptibility Mapping (UTE-QSM) of Highly Concentrated Magnetic Nanoparticles: A Comparison Study about Different Sampling Strategies. Molecules, 2019, 24, 1143.	3.8	19
14	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.	2.0	5
15	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.	2.1	1
16	Simulation Study of Magnetic Response of Magnetic Nanoparticles for Temperature Measurement under Different Selection Magnetic Field. , 2018, , .		0