Yuchi Liu

List of Publications by Year
in descending order

14 papers	336 citations	933447 10 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	594 citing authors

#	Article	IF	Citations
1	Myocardial T$_1$ and T$_2$ quantification and water–fat separation using cardiac MR fingerprinting with rosette trajectories at 3T and 1.5T. Magnetic Resonance in Medicine, 2021, 85, 103-119.	3.0	24
2	Dynamic oxygen–17 MRI with adaptive temporal resolution using golden–means–based 3D radial sampling. Magnetic Resonance in Medicine, 2021, 85, 3112-3124.	3.0	1
3	Evaluation of dyspnea of unknown etiology in HIV patients with cardiopulmonary exercise testing and cardiovascular magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 74.	3.3	7
4	High-Resolution Dynamic ^{31}P-MR Spectroscopic Imaging for Mapping Mitochondrial Function. IEEE Transactions on Biomedical Engineering, 2020, 67, 2745-2753.	4.2	9
5	Increased cerebral vascularization and decreased water exchange across the blood-brain barrier in aquaporin-4 knockout mice. PLoS ONE, 2019, 14, e0218415.	2.5	25
6	CMR Fingerprinting for Myocardial T1, T2, and ECV Quantification in Patients With Nonischemic Cardiomyopathy. JACC: Cardiovascular Imaging, 2019, 12, 1584-1585.	5.3	18
7	High–resolution dynamic oxygen–17 MR imaging of mouse brain with golden–ratio–based radial sampling and k–space–weighted image reconstruction. Magnetic Resonance in Medicine, 2018, 79, 256-263.	3.0	3
8	Cardiac Magnetic Resonance Fingerprinting. JACC: Cardiovascular Imaging, 2018, 11, 1837-1853.	5.3	47
9	Fast magnetic resonance fingerprinting for dynamic contrast–enhanced studies in mice. Magnetic Resonance in Medicine, 2018, 80, 2681-2690.	3.0	15
10	Targeted Contrast Agent Specific to an Oncoprotein in Tumor Microenvironment with the Potential for Detection and Risk Stratification of Prostate Cancer with MRI. Bioconjugate Chemistry, 2017, 28, 1031-1040.	3.6	43
11	High-resolution dynamic ^{31}P-MRSI using a low-rank tensor model. Magnetic Resonance in Medicine, 2017, 78, 419-428.	3.0	39
12	^{31}P magnetic resonance fingerprinting for rapid quantification of creatine kinase reaction rate *in vivo*. NMR in Biomedicine, 2017, 30, e3786.	2.8	29
13	Assessing tissue metabolism by phosphorous-31 magnetic resonance spectroscopy and imaging: a methodology review. Quantitative Imaging in Medicine and Surgery, 2017, 7, 707-716.	2.0	61
14	Mitochondrial function assessed by ^{31}P MRS and BOLD MRI in non–obese type 2 diabetic rats. Physiological Reports, 2016, 4, e12890.	1.7	15