

Yuchi Liu

List of Publications by Year in descending order

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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	Assessing tissue metabolism by phosphorous-31 magnetic resonance spectroscopy and imaging: a methodology review. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017, 7, 707-716.	2.0	61
2	Cardiac Magnetic Resonance Fingerprinting. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1837-1853.	5.3	47
3	Targeted Contrast Agent Specific to an Oncoprotein in Tumor Microenvironment with the Potential for Detection and Risk Stratification of Prostate Cancer with MRI. <i>Bioconjugate Chemistry</i> , 2017, 28, 1031-1040.	3.6	43
4	High-resolution dynamic ³¹ P-MRSI using a low-rank tensor model. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 419-428.	3.0	39
5	³¹ P magnetic resonance fingerprinting for rapid quantification of creatine kinase reaction rate <i>in vivo</i> . <i>NMR in Biomedicine</i> , 2017, 30, e3786.	2.8	29
6	Increased cerebral vascularization and decreased water exchange across the blood-brain barrier in aquaporin-4 knockout mice. <i>PLoS ONE</i> , 2019, 14, e0218415.	2.5	25
7	Myocardial T ₁ and T ₂ quantification and water-fat separation using cardiac MR fingerprinting with rosette trajectories at 3T and 1.5T. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 103-119.	3.0	24
8	CMR Fingerprinting for Myocardial T1, T2, and ECV Quantification in Patients With Nonischemic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1584-1585.	5.3	18
9	Mitochondrial function assessed by ³¹ P ¹ H MRS and ¹ H BOLD MRI in non-obese type 2 diabetic rats. <i>Physiological Reports</i> , 2016, 4, e12890.	1.7	15
10	Fast magnetic resonance fingerprinting for dynamic contrast-enhanced studies in mice. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2681-2690.	3.0	15
11	High-Resolution Dynamic ³¹ P-MR Spectroscopic Imaging for Mapping Mitochondrial Function. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2745-2753.	4.2	9
12	Evaluation of dyspnea of unknown etiology in HIV patients with cardiopulmonary exercise testing and cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 74.	3.3	7
13	High-resolution dynamic oxygen ¹⁷ MR imaging of mouse brain with golden-ratio-based radial sampling and ℓ_1 -weighted image reconstruction. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 256-263.	3.0	3
14	Dynamic oxygen ¹⁷ MRI with adaptive temporal resolution using golden-means-based 3D radial sampling. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3112-3124.	3.0	1