Yang Yang

List of Publications by Year
in descending order

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42 papers	17,975 citations	430442 18 h-index	264894 42 g-index
46 all docs	46 docs citations	46 times ranked	32329 citing authors

#	Article	IF	Citations
1	Is there a morphometric cause of Chiari malformation type I? Analysis of existing literature. Neurosurgical Review, 2022, 45, 263-273.	1.2	5
2	Real-world evaluation of rapid and laboratory-free COVID-19 triage for emergency care: external validation and pilot deployment of artificial intelligence driven screening. The Lancet Digital Health, 2022, 4, e266-e278.	5.9	28
3	Repeatability and robustness of MPâ€GRASP T₁ mapping. Magnetic Resonance in Medicine, 2022, 87, 2271-2286.	1.9	6
4	Freeâ€breathing selfâ€gated <scp>continuousâ€IR</scp> spiral <scp>T1</scp> mapping: Comparison of dual flipâ€angle and <scp>Blochâ€Siegert B1</scp>â€corrected techniques. Magnetic Resonance in Medicine, 2022, 88, 1068-1080.	1.9	3
5	Compact <scp>MR</scp>â€compatible ergometer and its application in cardiac <scp>MR</scp> under exercise stress: A preliminary study. Magnetic Resonance in Medicine, 2022, 88, 1927-1936.	1.9	3
6	Quantification of myocardial oxygen extraction fraction: A proofâ€ofâ€concept study. Magnetic Resonance in Medicine, 2021, 85, 3318-3325.	1.9	2
7	Dualâ€excitation flipâ€angle simultaneous cine and T₁ mapping using spiral acquisition with respiratory and cardiac selfâ€gating. Magnetic Resonance in Medicine, 2021, 86, 82-96.	1.9	15
8	Magnetizationâ€prepared GRASP MRI for rapid 3D T1 mapping and fat/waterâ€separated T1 mapping. Magnetic Resonance in Medicine, 2021, 86, 97-114.	1.9	26
9	High spatial resolution spiral firstâ€pass myocardial perfusion imaging with wholeâ€heart coverage at 3 T. Magnetic Resonance in Medicine, 2021, 86, 648-662.	1.9	9
10	Functional and Economic Impact of INOCA and Influence of Coronary Microvascular Dysfunction. JACC: Cardiovascular Imaging, 2021, 14, 1369-1379.	2.3	46
11	Diagnostic Accuracy of Spiral Wholeâ€Heart Quantitative Adenosine Stress Cardiovascular Magnetic Resonance With Motion Compensated L1â€SPIRIT. Journal of Magnetic Resonance Imaging, 2021, 54, 1268-1279.	1.9	2
12	Development, calibration, and testing of 3D amplified MRI (aMRI) for the quantification of intrinsic brain motion. Brain Multiphysics, 2021, 2, 100022.	0.8	12
13	Pulmonary fibrosis and its related factors in discharged patients with new corona virus pneumonia: a cohort study. Respiratory Research, 2021, 22, 203.	1.4	64
14	Dynamic Changes in Chest CT Images Over 167 Days in 11 Patients with COVID-19: A Case Series and Literature Review. Zoonoses, 2021, 1, .	0.5	2
15	Efficacy and safety assessment of severe COVID-19 patients with Chinese medicine: A retrospective case series study at early stage of the COVID-19 epidemic in Wuhan, China. Journal of Ethnopharmacology, 2021, 277, 113888.	2.0	36
16	Brain-mimicking phantom for biomechanical validation of motion sensitive MR imaging techniques. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 122, 104680.	1.5	7
17	Nonâ€Cartesian sliceâ€GRAPPA and sliceâ€SPIRiT reconstruction methods for multiband spiral cardiac MRI. Magnetic Resonance in Medicine, 2020, 83, 1235-1249.	1.9	9
18	Free-Breathing and Ungated Dynamic MRI Using Navigator-Less Spiral SToRM. IEEE Transactions on Medical Imaging, 2020, 39, 3933-3943.	5.4	20

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19	Amplified Flow Imaging (aFlow): A Novel MRI-Based Tool to Unravel the Coupled Dynamics Between the Human Brain and Cerebrovasculature. IEEE Transactions on Medical Imaging, 2020, 39, 4113-4123.	5.4	13
20	Artificial intelligenceâ€“enabled rapid diagnosis of patients with COVID-19. Nature Medicine, 2020, 26, 1224-1228.	15.2	757
21	Chest CT Findings in Coronavirus Disease-19 (COVID-19): Relationship to Duration of Infection. Radiology, 2020, 295, 200463.	3.6	2,027
22	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirusâ€“Infected Pneumonia. New England Journal of Medicine, 2020, 382, 1199-1207.	13.9	12,326
23	CT Imaging Features of 2019 Novel Coronavirus (2019-nCoV). Radiology, 2020, 295, 202-207.	3.6	2,080
24	Adenosine stress CMR perfusion imaging of the temporal evolution of perfusion defects in a porcine model of progressive obstructive coronary artery occlusion. NMR in Biomedicine, 2019, 32, e4136.	1.6	3
25	Frequency of Coronary Microvascular Dysfunction and Diffuse Myocardial Fibrosis (Measured by) Tj ETQq1 1 0.784314 rgBT /Overloc Ejection Fraction. American Journal of Cardiology, 2019, 124, 1584-1589.	0.7	31
26	Freeâ€breathing cine imaging with motionâ€corrected reconstruction at 3T using SPiral Acquisition with Respiratory correction and Cardiac Selfâ€gating (SPARCS). Magnetic Resonance in Medicine, 2019, 82, 706-720.	1.9	24
27	Wholeâ€heart spiral simultaneous multiâ€slice firstâ€pass myocardial perfusion imaging. Magnetic Resonance in Medicine, 2019, 81, 852-862.	1.9	29
28	Reduced field of view singleâ€shot spiral perfusion imaging. Magnetic Resonance in Medicine, 2018, 79, 208-216.	1.9	6
29	Simple motion correction strategy reduces respiratory-induced motion artifacts for k-t accelerated and compressed-sensing cardiovascular magnetic resonance perfusion imaging. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 6.	1.6	32
30	Quantitative cardiovascular magnetic resonance perfusion imaging identifies reduced flow reserve in microvascular coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 14.	1.6	72
31	Robust free-breathing SASHA T1 mapping with high-contrast image registration. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 47.	1.6	34
32	Firstâ€pass myocardial perfusion imaging with wholeâ€heart coverage using L1â€SPIRiT accelerated variable density spiral trajectories. Magnetic Resonance in Medicine, 2016, 76, 1375-1387.	1.9	18
33	Accelerated two-dimensional cine DENSE cardiovascular magnetic resonance using compressed sensing and parallel imaging. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 38.	1.6	18
34	Motion-corrected compressed-sensing enables robust spiral first-pass perfusion imaging with whole heart coverage. Journal of Cardiovascular Magnetic Resonance, 2014, 16, O81.	1.6	2
35	Adenosine stress CMR with variable density spiral pulse sequences accurately detects CAD with minimal dark-rim artifacts. Journal of Cardiovascular Magnetic Resonance, 2014, 16, O58.	1.6	1
36	High-resolution quantitative spiral perfusion for microvascular coronary dysfunction detection. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P227.	1.6	1

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37	Motion-compensated compressed sensing for dynamic contrast-enhanced MRI using regional spatiotemporal sparsity and region tracking: Block low-rank sparsity with motion-guidance (BLOSM). Magnetic Resonance in Medicine, 2014, 72, 1028-1038.	1.9	56
38	Adenosine Stress Cardiovascular Magnetic Resonance With Variable-Density Spiral Pulse Sequences Accurately Detects Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2014, 7, 639-646.	1.3	19
39	First-pass myocardial perfusion imaging with whole ventricular coverage using L1-SPIRIT accelerated spiral trajectories. Journal of Cardiovascular Magnetic Resonance, 2013, 15, P20.	1.6	2
40	Quantification of myocardial perfusion with spiral pulse sequences. Journal of Cardiovascular Magnetic Resonance, 2013, 15, E12.	1.6	3
41	Comparison of methods for determining the partition coefficient of gadolinium in the myocardium using T₁mapping. Journal of Magnetic Resonance Imaging, 2013, 38, 217-224.	1.9	58
42	A Generalized Deep Learning Approach for Evaluating Secondary Pulmonary Tuberculosis on Chest Computed Tomography. SSRN Electronic Journal, 0, , .	0.4	4