Maythem Saeed

List of Publications by Year
in descending order

43	1,223	471509 17	361022 35
papers	citations	h-index	g-index

44	44	44	1303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic Resonance Characterization of the Peri-Infarction Zone of Reperfused Myocardial Infarction With Necrosis-Specific and Extracellular Nonspecific Contrast Media. Circulation, 2001, 103, 871-876.	1.6	202
2	Acute Myocardial Infarction: Evaluation with First-Pass Enhancement and Delayed Enhancement MR Imaging Compared with²⁰¹Tl SPECT Imaging. Radiology, 2004, 232, 49-57.	7.3	189
3	Prediction of Left Ventricular Remodeling and Analysis of Infarct Resorption in Patients with Reperfused Myocardial Infarcts by Using Contrast-enhanced MR Imaging. Radiology, 2007, 245, 95-102.	7.3	108
4	Cardiac MR imaging: current status and future direction. Cardiovascular Diagnosis and Therapy, 2015, 5, 290-310.	1.7	71
5	Discrimination of Myocardial Acute and Chronic (Scar) Infarctions on Delayed Contrast Enhanced Magnetic Resonance Imaging With Intravascular Magnetic Resonance Contrast Media. Journal of the American College of Cardiology, 2006, 48, 1961-1968.	2.8	60
6	Quantitative MR measurements of regional and global left ventricular function and strain after intramyocardial transfer of VM202 into infarcted swine myocardium. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H522-H532.	3.2	49
7	MR Assessment of Myocardial Perfusion, Viability, and Function after Intramyocardial Transfer of VM202, a New Plasmid Human Hepatocyte Growth Factor in Ischemic Swine Myocardium. Radiology, 2008, 249, 107-118.	7.3	43
8	Transendocardial Delivery of Extracellular Myocardial Markers by Using Combination X-ray/MR Fluoroscopic Guidance: Feasibility Study in Dogs. Radiology, 2004, 231, 689-696.	7.3	42
9	Adeno-associated Viral Vectorâ€“Encoding Vascular Endothelial Growth Factor Gene: Effect on Cardiovascular MR Perfusion and Infarct Resorption Measurements in Swine. Radiology, 2007, 243, 451-460.	7.3	38
10	Injection of Adeno-associated Viral Vectorâ€“Encoding Vascular Endothelial Growth Factor Gene in Infarcted Swine Myocardium: MR Measurements of Left Ventricular Function and Strain. Radiology, 2007, 245, 196-205.	7.3	38
11	MR fluoroscopy in vascular and cardiac interventions (review). International Journal of Cardiovascular Imaging, 2012, 28, 117-137.	1.5	38
12	Heterogeneous Microinfarcts Caused by Coronary Microemboli: Evaluation with Multidetector CT and MR Imaging in a Swine Model. Radiology, 2010, 254, 718-728.	7.3	31
13	MR Guidance of Targeted Injections into Border and Core of Scarred Myocardium in Pigs. Radiology, 2006, 240, 419-426.	7.3	30
14	Magnetic resonance imaging for characterizing myocardial diseases. International Journal of Cardiovascular Imaging, 2017, 33, 1395-1414.	1.5	28
15	New-Generation Laser-lithographed Dual-Axis Magnetically Assisted Remote-controlled Endovascular Catheter for Interventional MR Imaging: In Vitro Multiplanar Navigation at 1.5 T and 3 T versus X-ray Fluoroscopy. Radiology, 2015, 277, 842-852.	7.3	20
16	Coronary Microemboli Effects in Preexisting Acute Infarcts in a Swine Model: Cardiac MR Imaging Indices, Injury Biomarkers, and Histopathologic Assessment. Radiology, 2013, 268, 98-108.	7.3	18
17	Development and Validation of Endovascular Chemotherapy Filter Device for Removing High-Dose Doxorubicin: Preclinical Study. Journal of Medical Devices, Transactions of the ASME, 2014, 8, 0410081-410088.	0.7	18
18	Delivery and assessment of endovascular stents to repair aortic coarctation using MR and X-ray imaging. Journal of Magnetic Resonance Imaging, 2006, 24, 371-378.	3.4	17

#	Article	IF	Citations
19	MRI study on volume effects of coronary emboli on myocardial function, perfusion and viability. International Journal of Cardiology, 2013, 165, 93-99.	1.7	15
20	Magnetic resonance imaging and multi-detector computed tomography assessment of extracellular compartment in ischemic and non-ischemic myocardial pathologies. World Journal of Cardiology, 2014, 6, 1192.	1.5	15
21	Permanent Coronary Artery Occlusion: Cardiovascular MR Imaging Is Platform for Percutaneous Transendocardial Delivery and Assessment of Gene Therapy in Canine Model. Radiology, 2008, 249, 560-571.	7.3	14
22	Comparing deflection measurements of a magnetically steerable catheter using optical imaging and MRI. Medical Physics, 2014, 41, 022305.	3.0	14
23	Evaluation of the acute effects of distal coronary microembolization using multidetector computed tomography and magnetic resonance imaging. Magnetic Resonance in Medicine, 2012, 67, 1747-1757.	3.0	12
24	Evaluation of MRI protocols for the assessment of lumbar facet joints after MR-guided focused ultrasound treatment. Journal of Therapeutic Ultrasound, 2016, 4, 14.	2.2	12
25	Assessment of Myocardial Viability Using Standard Extracellular and Necrosis Specific MR Contrast Media. Academic Radiology, 2002, 9, S84-S87.	2.5	10
26	Cardiovascular magnetic resonance imaging in delivering and evaluating the efficacy of hepatocyte growth factor gene in chronic infarct scar. Cardiovascular Revascularization Medicine, 2011, 12, 111-122.	0.8	9
27	Mri quantification of left ventricular function in microinfarct versus large infarct in swine model. International Journal of Cardiovascular Imaging, 2013, 29, 159-168.	1.5	9
28	MRI demonstrates a decrease in myocardial infarct healing and increase in compensatory ventricular hypertrophy following mechanical microvascular obstruction. Journal of Magnetic Resonance Imaging, 2014, 40, 906-914.	3.4	9
29	Noninvasive MR characterization of structural and functional components of reperfused infarct. Acta Radiologica, 2010, 51, 1093-1102.	1.1	8
30	Interventional magnetic resonance imaging guided carotid embolectomy using a novel resonant marker catheter: demonstration of preclinical feasibility. Biomedical Microdevices, 2017, 19, 88.	2.8	8
31	Gallbladder Cryoablation: Proof of Concept in a Swine Model for a Percutaneous Alternative to Cholecystectomy. CardioVascular and Interventional Radiology, 2016, 39, 1031-1035.	2.0	6
32	Multi-detector CT and MRI of microembolized myocardial infarct: monitoring of left ventricular function, perfusion, and myocardial viability in a swine model. Acta Radiologica, 2016, 57, 215-224.	1.1	6
33	Reperfusion injury components and manifestations determined by cardiovascular MR and MDCT imaging. World Journal of Radiology, 2010, 2, 1.	1.1	6
34	Value of MR contrast media in image-guided body interventions. World Journal of Radiology, 2012, 4, 1.	1.1	6
35	Magnetic resonance imaging characterization of circumferential and longitudinal strain under various coronary interventions in swine. World Journal of Radiology, 2013, 5, 472.	1.1	6
36	Renal ablation using magnetic resonance-guided high intensity focused ultrasound: Magnetic resonance imaging and histopathology assessment. World Journal of Radiology, 2016, 8, 298.	1.1	6

#	Article	IF	Citations
37	Editorial For â€œReduction of Contrast Agent Dose in Cardiovascular MR Angiography Using Deep Learningâ€• Journal of Magnetic Resonance Imaging, 2021, 54, 806-807.	3.4	4
38	MDCT has the potential to predict percutaneous coronary intervention outcome in swine model: microscopic validation. Acta Radiologica, 2012, 53, 987-994.	1.1	3
39	MRI monitoring of function, perfusion and viability in microembolized moderately ischemic myocardium. International Journal of Cardiovascular Imaging, 2015, 31, 1179-1190.	1.5	3
40	Three-dimensional MRI Assessments of Patchy and Large Myocardial Infarction in Beating and Nonbeating Swine Hearts. Academic Radiology, 2014, 21, 1048-1055.	2.5	1
41	Editorial for â€œAutomatic Detection of Meniscus Tears Using Backbone Convolutional Neural Networks on Knee MRIâ€• Journal of Magnetic Resonance Imaging, 2023, 57, 750-751.	3.4	1
42	Editorial for "Prognostic Value of Late Gadolinium Enhancement in Predicting Lifeâ€Threatening Arrhythmias in Heart Failure Patients With Implantable Cardioverterâ€Defibrillators". Journal of Magnetic Resonance Imaging, 2020, 51, 1440-1441.	3.4	0
43	Editorial for: â€œSplenic Switchâ€Off for Determining the Optimal Dosage for Adenosine Stress Cardiovascular MR in Terms of Stress Effectiveness and Patient Safetyâ€• Journal of Magnetic Resonance Imaging, 2020, 52, 1743-1744.	3.4	0