

Maythem Saeed

List of Publications by Year in descending order

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43
papers

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471509

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44
times ranked

1303
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial for "Automatic Detection of Meniscus Tears Using Backbone Convolutional Neural Networks on Knee MRI". Journal of Magnetic Resonance Imaging, 2023, 57, 750-751.	3.4	1
2	Editorial For "Reduction of Contrast Agent Dose in Cardiovascular MR Angiography Using Deep Learning". Journal of Magnetic Resonance Imaging, 2021, 54, 806-807.	3.4	4
3	Editorial for "Prognostic Value of Late Gadolinium Enhancement in Predicting Life-Threatening Arrhythmias in Heart Failure Patients With Implantable Cardioverter-Defibrillators". Journal of Magnetic Resonance Imaging, 2020, 51, 1440-1441.	3.4	0
4	Editorial for: "Splenic Switch-Off for Determining the Optimal Dosage for Adenosine Stress Cardiovascular MR in Terms of Stress Effectiveness and Patient Safety". Journal of Magnetic Resonance Imaging, 2020, 52, 1743-1744.	3.4	0
5	Magnetic resonance imaging for characterizing myocardial diseases. International Journal of Cardiovascular Imaging, 2017, 33, 1395-1414.	1.5	28
6	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
7	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
8	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
9	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
10	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
11	MRI monitoring of function, perfusion and viability in microembolized moderately ischemic myocardium. International Journal of Cardiovascular Imaging, 2015, 31, 1179-1190.	1.5	3
12	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
13	Cardiac MR imaging: current status and future direction. Cardiovascular Diagnosis and Therapy, 2015, 5, 290-310.	1.7	71
14	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
15	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
16	Comparing deflection measurements of a magnetically steerable catheter using optical imaging and MRI. Medical Physics, 2014, 41, 022305.	3.0	14
17	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
18	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

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19	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
20	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
21	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
22	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
23	MDCT has the potential to predict percutaneous coronary intervention outcome in swine model: microscopic validation. Acta Radiologica, 2012, 53, 987-994.	1.1	3
24	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
25	MR fluoroscopy in vascular and cardiac interventions (review). International Journal of Cardiovascular Imaging, 2012, 28, 117-137.	1.5	38
26	Value of MR contrast media in image-guided body interventions. World Journal of Radiology, 2012, 4, 1.	1.1	6
27	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
28	Noninvasive MR characterization of structural and functional components of reperfused infarct. Acta Radiologica, 2010, 51, 1093-1102.	1.1	8
29	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
30	Reperfusion injury components and manifestations determined by cardiovascular MR and MDCT imaging. World Journal of Radiology, 2010, 2, 1.	1.1	6
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	MR Guidance of Targeted Injections into Border and Core of Scarred Myocardium in Pigs. Radiology, 2006, 240, 419-426.	7.3	30
40	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
41	Acute Myocardial Infarction: Evaluation with First-Pass Enhancement and Delayed Enhancement MR Imaging Compared with ²⁰¹ Tl SPECT Imaging. Radiology, 2004, 232, 49-57.	7.3	189
42	Assessment of Myocardial Viability Using Standard Extracellular and Necrosis Specific MR Contrast Media. Academic Radiology, 2002, 9, S84-S87.	2.5	10
43	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