

Mao-Yuan M Su

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,179
citations

516710

16
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1945
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion Tensor Magnetic Resonance Imaging Mapping the Fiber Architecture Remodeling in Human Myocardium After Infarction. <i>Circulation</i> , 2006, 114, 1036-1045.	1.6	250
2	CMR-Verified Diffuse Myocardial Fibrosis Is Associated With Diastolic Dysfunction in HFpEF. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 991-997.	5.3	173
3	Sequential Changes of Myocardial Microstructure in Patients Postmyocardial Infarction by Diffusion-Tensor Cardiac MR. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 32-40.	2.6	104
4	Myocardial adipose deposition and the development of heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2020, 22, 445-454.	7.1	76
5	Evolutional change in epicardial fat and its correlation with myocardial diffuse fibrosis in heart failure patients. <i>Journal of Clinical Lipidology</i> , 2017, 11, 1421-1431.	1.5	74
6	Renal Perfusion 3-T MR Imaging: A Comparative Study of Arterial Spin Labeling and Dynamic Contrast-enhanced Techniques. <i>Radiology</i> , 2011, 261, 845-853.	7.3	63
7	Functional mitral regurgitation in chronic ischemic coronary artery disease: Analysis of geometric alterations of mitral apparatus with magnetic resonance imaging. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 128, 543-551.	0.8	56
8	Galectin-3 level and the severity of cardiac diastolic dysfunction using cellular and animal models and clinical indices. <i>Scientific Reports</i> , 2015, 5, 17007.	3.3	56
9	Pericardial fat is associated with ventricular tachyarrhythmia and mortality in patients with systolic heart failure. <i>Atherosclerosis</i> , 2015, 241, 607-614.	0.8	37
10	Effect of Empagliflozin on Cardiac Function, Adiposity, and Diffuse Fibrosis in Patients with Type 2 Diabetes Mellitus. <i>Scientific Reports</i> , 2019, 9, 15348.	3.3	34
11	CXCR4 Antagonist TG-0054 Mobilizes Mesenchymal Stem Cells, Attenuates Inflammation, and Preserves Cardiac Systolic Function in a Porcine Model of Myocardial Infarction. <i>Cell Transplantation</i> , 2015, 24, 1313-1328.	2.5	29
12	Connective tissue growth factor and cardiac diastolic dysfunction: human data from the Taiwan Diastolic Heart Failure Registry and molecular basis by cellular and animal models. <i>European Journal of Heart Failure</i> , 2014, 16, 163-172.	7.1	26
13	First-Pass Myocardial Perfusion Cardiovascular Magnetic Resonance at 3 Tesla. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 633-644.	3.3	23
14	Combination of Plasma Biomarkers and Clinical Data for the Detection of Myocardial Fibrosis or Aggravation of Heart Failure Symptoms in Heart Failure with Preserved Ejection Fraction Patients. <i>Journal of Clinical Medicine</i> , 2018, 7, 427.	2.4	21
15	Artificial Intelligence Aids Cardiac Image Quality Assessment for Improving Precision in Strain Measurements. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 335-345.	5.3	19
16	Contrast-enhanced MRI index of diffuse myocardial fibrosis is increased in primary aldosteronism. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1349-1355.	3.4	17
17	The extent of edema and tumor synchronous invasion into the subventricular zone and corpus callosum classify outcomes and radiotherapy strategies of glioblastomas. <i>Radiotherapy and Oncology</i> , 2017, 125, 248-257.	0.6	16
18	Conductive Channels Identified With Contrast-Enhanced MR Imaging Predict Ventricular Tachycardia in Systolic Heart Failure. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 1152-1159.	5.3	14

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19	Improving patient safety during intrahospital transportation of mechanically ventilated patients with critical illness. <i>BMJ Open Quality</i> , 2020, 9, e000698.	1.1	13
20	Left ventricular regional myocardial motion and twist function in repaired tetralogy of Fallot evaluated by magnetic resonance tissue phase mapping. <i>European Radiology</i> , 2018, 28, 104-114.	4.5	11
21	Mitral tetrahedron as a geometrical surrogate for chronic ischemic mitral regurgitation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1218-H1225.	3.2	10
22	Is a timely assessment of the hematocrit necessary for cardiovascular magnetic resonance-derived extracellular volume measurements?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 77.	3.3	10
23	Improvement of Cerebral Glucose Metabolism in Symptomatic Patients With Carotid Artery Stenosis After Stenting. <i>Clinical Nuclear Medicine</i> , 2015, 40, 701-707.	1.3	8
24	Endocardial Remodeling in Heart Failure Patients with Impaired and Preserved Left Ventricular Systolic Function-A Magnetic Resonance Image Study. <i>Scientific Reports</i> , 2016, 6, 20868.	3.3	7
25	Clinical feasibility of Gd-EOB-DTPA-enhanced MR imaging for assessing liver function: validation with ICG tests and parenchymal cell volume. <i>Clinical Imaging</i> , 2016, 40, 797-800.	1.5	7
26	Perfusion of Residual Viable Myocardium in Nontransmural Infarct Zone after Intervention: MR Quantitative Myocardial Blood Flow Measurement. <i>Radiology</i> , 2008, 249, 820-828.	7.3	6
27	Predicting ventricular tachyarrhythmia in patients with systolic heart failure based on texture features of the gray zone from contrast-enhanced magnetic resonance imaging. <i>Journal of Cardiology</i> , 2020, 76, 601-609.	1.9	6
28	Exercise training increases myocardial perfusion in residual viable myocardium within infarct zone. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 60-68.	3.4	5
29	MRI evaluation of the adaptive response of the contralateral kidney following nephrectomy in patients with renal cell carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 822-828.	3.4	3
30	Biventricular myocardial adaptation in patients with repaired tetralogy of Fallot: Mechanistic insights from magnetic resonance imaging tissue phase mapping. <i>PLoS ONE</i> , 2020, 15, e0237193.	2.5	3
31	Laparoscopic surgery to treat ureterosciatic herniation after ureteral stent failure. <i>Urological Science</i> , 2014, 25, 25-27.	0.6	2
32	CMR-derived ECVs vary with myocardial region and associate with the regional wall thickness. <i>Scientific Reports</i> , 2020, 10, 20965.	3.3	0