

Yucheng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,317
citations

361413

20
h-index

434195

31
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91
all docs

91
docs citations

91
times ranked

2302
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular manifestations and treatment considerations in COVID-19. <i>Heart</i> , 2020, 106, 1132-1141.	2.9	296
2	The Association between Triglyceride/High-Density Lipoprotein Cholesterol Ratio and All-Cause Mortality in Acute Coronary Syndrome after Coronary Revascularization. <i>PLoS ONE</i> , 2015, 10, e0123521.	2.5	58
3	Left Ventricular Myocardial Deformation on Cine MR Images: Relationship to Severity of Disease and Prognosis in Light-Chain Amyloidosis. <i>Radiology</i> , 2018, 288, 73-80.	7.3	38
4	Variable and Limited Predictive Value of the European Society of Cardiology Hypertrophic Cardiomyopathy Sudden-Death Risk Model: A Meta-analysis. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1791-1799.	1.7	35
5	Age and Gender Impact the Measurement of Myocardial Interstitial Fibrosis in a Healthy Adult Chinese Population: A Cardiac Magnetic Resonance Study. <i>Frontiers in Physiology</i> , 2018, 9, 140.	2.8	34
6	Prognostic Value of Cardiac Magnetic Resonance–Derived Right Ventricular Remodeling Parameters in Pulmonary Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010568.	2.6	33
7	The prognostic value of late gadolinium enhancement in myocarditis and clinically suspected myocarditis: systematic review and meta-analysis. <i>European Radiology</i> , 2020, 30, 2616-2626.	4.5	32
8	Myocardial Tissue Reverse Remodeling After Guideline-Directed Medical Therapy in Idiopathic Dilated Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2021, 14, e007944.	3.9	31
9	Reference value of left and right atrial size and phasic function by SSFP CMR at 3.0T in healthy Chinese adults. <i>Scientific Reports</i> , 2017, 7, 3196.	3.3	30
10	Cardiac MRI-based multi-modality imaging in clinical decision-making: Preliminary assessment of a management algorithm for patients with suspected cardiac mass. <i>International Journal of Cardiology</i> , 2016, 203, 474-481.	1.7	29
11	The global cardiovascular magnetic resonance registry (GCMR) of the society for cardiovascular magnetic resonance (SCMR): its goals, rationale, data infrastructure, and current developments. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 23.	3.3	28
12	Right ventricular involvement evaluated by cardiac magnetic resonance imaging predicts mortality in patients with light chain amyloidosis. <i>Heart and Vessels</i> , 2018, 33, 170-179.	1.2	28
13	Prognostic value of myocardial extracellular volume fraction evaluation based on cardiac magnetic resonance T1 mapping with T1 long and short in hypertrophic cardiomyopathy. <i>European Radiology</i> , 2021, 31, 4557-4567.	4.5	28
14	Early detection of myocardial involvement by T1 mapping of cardiac MRI in idiopathic inflammatory myopathy. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 415-422.	3.4	27
15	Regional amyloid distribution and impact on mortality in light-chain amyloidosis: a T1 mapping cardiac magnetic resonance study. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2019, 26, 45-51.	3.0	26
16	Multiparametric cardiovascular magnetic resonance characteristics and dynamic changes in myocardial and skeletal muscles in idiopathic inflammatory cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 22.	3.3	25
17	Transapical transcatheter aortic valve implantation using a new second-generation TAVI system – J-Valve, for high-risk patients with aortic valve diseases: Initial results with 90-day follow-up. <i>International Journal of Cardiology</i> , 2015, 199, 155-162.	1.7	23
18	Treatment of Pure Aortic Regurgitation Using a Second-Generation Transcatheter Aortic Valve Implantation System. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2803-2805.	2.8	23

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19	Radiomic Analysis of Native T_1 Mapping Images Discriminates Between <i>MYH7</i> and <i>MYBPC3</i> -Related Hypertrophic Cardiomyopathy. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1714-1721.	3.4	23
20	Improved segmental myocardial strain reproducibility using deformable registration algorithms compared with feature tracking cardiac MRI and speckle tracking echocardiography. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 404-414.	3.4	20
21	MicroRNA-221 is a potential biomarker of myocardial hypertrophy and fibrosis in hypertrophic obstructive cardiomyopathy. <i>Bioscience Reports</i> , 2020, 40, .	2.4	20
22	Prevalence and Prognostic Significance of Right Ventricular Dysfunction in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2018, 122, 1932-1938.	1.6	18
23	Fractal Analysis: Prognostic Value of Left Ventricular Trabecular Complexity Cardiovascular MRI in Participants with Hypertrophic Cardiomyopathy. <i>Radiology</i> , 2021, 298, 71-79.	7.3	18
24	Phenotypic diversity identified by cardiac magnetic resonance in a large hypertrophic cardiomyopathy family with a single MYH7 mutation. <i>Scientific Reports</i> , 2018, 8, 973.	3.3	17
25	The prognostic value of biventricular long axis strain using standard cardiovascular magnetic resonance imaging in patients with hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , 2019, 294, 43-49.	1.7	17
26	Reference values of cardiac ventricular structure and function by steady-state free-precession MRI at 3.0T in healthy adult chinese volunteers. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1684-1692.	3.4	16
27	Increased Prognostic Value of Query Amyloid Late Enhancement Score in Light-Chain Cardiac Amyloidosis. <i>Circulation Journal</i> , 2018, 82, 739-746.	1.6	15
28	A stacking-based model for predicting 30-day all-cause hospital readmissions of patients with acute myocardial infarction. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 335.	3.0	15
29	Prognostic value of fast semi-automated left atrial long-axis strain analysis in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 36.	3.3	15
30	Left Atrial Function Predicts Outcome in Dilated Cardiomyopathy: Fast Long-Axis Strain Analysis Derived from MRI. <i>Radiology</i> , 2022, 302, 72-81.	7.3	15
31	Cardiovascular magnetic resonance-assessed fast global longitudinal strain parameters add diagnostic and prognostic insights in right ventricular volume and pressure loading disease conditions. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 38.	3.3	14
32	A Genetic Polymorphism in RBP4 Is Associated with Coronary Artery Disease. <i>International Journal of Molecular Sciences</i> , 2014, 15, 22309-22319.	4.1	13
33	Accuracy of Late Gadolinium Enhancement - Magnetic Resonance Imaging in the Measurement of Left Atrial Substrate Remodeling in Patients With Rheumatic Mitral Valve Disease and Persistent Atrial Fibrillation -. <i>International Heart Journal</i> , 2015, 56, 505-510.	1.0	13
34	Transapical implantation of a new second-generation transcatheter heart valve in patients with pure aortic regurgitation: a preliminary report. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 860-862.	1.1	12
35	Comparing cardiovascular magnetic resonance strain software packages by their abilities to discriminate outcomes in patients with heart failure with preserved ejection fraction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 55.	3.3	12
36	Prognostic Value of Right Ventricular Dysfunction in Patients With <i>AL</i> Amyloidosis: Comparison of Different Techniques by Cardiac Magnetic Resonance. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1441-1448.	3.4	11

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37	Prognostic value of left ventricular remodelling index in idiopathic dilated cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 22, 1197-1207.	1.2	11
38	Cardiac Phenotype Characterization at MRI in Patients with Danon Disease: A Retrospective Multicenter Case Series. <i>Radiology</i> , 2021, 299, 303-310.	7.3	11
39	Left Ventricular Spherical Index Is an Independent Predictor for Clinical Outcomes in Patients With Nonischemic Dilated Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1578-1580.	5.3	10
40	Repair or replace ischemic mitral regurgitation during coronary artery bypass grafting? A meta-analysis. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 141.	1.1	9
41	Right ventricular septomarginal trabeculation hypertrophy is associated with disease severity in patients with pulmonary arterial hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1439-1449.	1.5	9
42	Different Clinical Presentation and Tissue Characterization in a Monozygotic Twin Pair with MYH7 Mutation-Related Hypertrophic Cardiomyopathy. <i>International Heart Journal</i> , 2019, 60, 477-481.	1.0	9
43	Diagnostic and prognostic value of right ventricular eccentricity index in pulmonary artery hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-10.	1.7	9
44	Differential effects of fine and coarse particulate matter on hospitalizations for ischemic heart disease: A population-based time-series analysis in Southwestern China. <i>Atmospheric Environment</i> , 2020, 224, 117366.	4.1	9
45	A rare phenotype of heterozygous Danon disease mimicking apical hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2018, 39, 3263-3264.	2.2	8
46	T2-weighted cardiac magnetic resonance image and myocardial biomarker in hypertrophic cardiomyopathy. <i>Medicine (United States)</i> , 2020, 99, e20134.	1.0	7
47	Quantitative mechanical dyssynchrony in dilated cardiomyopathy measured by deformable registration algorithm. <i>European Radiology</i> , 2020, 30, 2010-2020.	4.5	7
48	Right ventricular outflow tract systolic function correlates with exercise capacity in patients with severe right ventricle dilatation after repair of tetralogy of Fallot. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, 755-761.	1.1	6
49	Reply to: Left ventricular midwall fibrosis as a predictor of sudden cardiac death in nonischemic dilated cardiomyopathy: a meta-analysis. <i>ESC Heart Failure</i> , 2021, 8, 1728-1728.	3.1	6
50	False positive technetium-99m pyrophosphate scintigraphy in a patient with cardiac amyloidosis light chain. <i>Medicine (United States)</i> , 2021, 100, e25582.	1.0	6
51	Diverse Right Ventricular Remodeling Evaluated by MRI and Prognosis in Eisenmenger Syndrome With Different Shunt Locations. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1478-1488.	3.4	6
52	Radiomics Analysis Derived From LGE-MRI Predict Sudden Cardiac Death in Participants With Hypertrophic Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 766287.	2.4	6
53	T2STIR preparation for single-shot cardiovascular magnetic resonance myocardial edema imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 72.	3.3	5
54	Left Ventricular Remodeling in Patients with Primary Aldosteronism: A Prospective Cardiac Magnetic Resonance Imaging Study. <i>Korean Journal of Radiology</i> , 2021, 22, 1619.	3.4	5

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55	The Prognostic Value of Left Ventricular Mechanical Dyssynchrony Derived from Cardiac MRI in Patients with Idiopathic Dilated Cardiomyopathy. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e200536.	2.5	5
56	Automated segmentation of the left ventricle from MR cine imaging based on deep learning architecture. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 025009.	1.2	5
57	First-pass perfusion cardiovascular magnetic resonance parameters as surrogate markers for left ventricular diastolic dysfunction: a validation against cardiac catheterization. <i>European Radiology</i> , 2022, 32, 8131-8139.	4.5	5
58	Multimodality Images of a Giant Blood Cyst Originating From the Bicuspid Aortic Valve. <i>Circulation</i> , 2014, 130, e165-6.	1.6	4
59	Efficient method for analyzing MR real-time cines: Toward accurate quantification of left ventricular function. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 972-980.	3.4	4
60	Improved workflow for quantifying left ventricular function via cardiorespiratory-resolved analysis of free-breathing MR real-time cines. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 905-914.	3.4	4
61	The phenotypic characteristic observed by cardiac magnetic resonance in a PLN-R14del family. <i>Scientific Reports</i> , 2020, 10, 16478.	3.3	4
62	Performance of 12-lead electrocardiogram Selvester QRS scoring criteria to diagnose myocardial scar in patients with hypertrophic cardiomyopathy. <i>Annals of Noninvasive Electrocardiology</i> , 2020, 25, e12762.	1.1	4
63	Contemporary Application of Cardiovascular Magnetic Resonance Imaging. <i>Annual Review of Medicine</i> , 2020, 71, 221-234.	12.2	4
64	Serum high-density lipoprotein cholesterol serves as a prognostic marker for light-chain cardiac amyloidosis. <i>International Journal of Cardiology</i> , 2021, 325, 96-102.	1.7	4
65	Cardiac Involvement in a Patient With POEMS Syndrome Detected Using Cardiac Magnetic Resonance Imaging. <i>International Heart Journal</i> , 2015, 56, 571-573.	1.0	3
66	Phenotyping of myocardial involvement by cardiac magnetic resonance in idiopathic inflammatory myopathies. <i>European Radiology</i> , 2021, 31, 5077-5086.	4.5	3
67	Age- and Sex-Specific Changes in CMR Feature Tracking-Based Right Atrial and Ventricular Functional Parameters in Healthy Asians. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 664431.	2.4	3
68	The Value of Cardiac Magnetic Resonance Imaging in Identification of Rare Diseases Mimicking Hypertrophic Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 3339.	2.4	3
69	Relationship Between Fragmented QRS Complex and Left Ventricular Fibrosis and Function in Patients With Danon Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 790917.	2.4	3
70	Mitral valve leaflet length as an important factor to differentiate hypertrophic cardiomyopathy from other causes of left ventricular hypertrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P272.	3.3	2
71	Transapical Transcatheter Aortic Valve Implantation Using a New TAVI System for High-Risk Patients With Severe Aortic Stenosis. <i>Heart Lung and Circulation</i> , 2018, 27, e67-e69.	0.4	2
72	Elevated Right Atrial Pressure Associated with Alteration of Left Ventricular Contractility and Ventricular-Arterial Coupling in Pulmonary Artery Hypertension*. , 2019, 2019, 820-823.		2

#	ARTICLE	IF	CITATIONS
73	Differential and prognostic value of cardiovascular magnetic resonance derived scoring algorithm in cardiac tumors. <i>International Journal of Cardiology</i> , 2021, 331, 281-288.	1.7	2
74	Electrocardiogram Characteristics and Prognostic Value in Light-Chain Amyloidosis: A Comparison With Cardiac Magnetic Resonance Imaging. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 751422.	2.4	2
75	Extracellular volume(ECV) quantified by T1 mapping could reflect effect of long term blood pressure control status in patients with essential hypertension. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P125.	3.3	1
76	Sick sinus syndrome associated with Erdheim-Chester disease was reversed by interferon-alpha treatment. <i>Korean Journal of Internal Medicine</i> , 2022, 37, 245-246.	1.7	1
77	High signal intensity on T2 weighted cardiac magnetic resonance imaging in hypertrophic cardiomyopathy: Is it a marker of myocardial injury?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, .	3.3	0
78	Role of cardiac MRI-based multi-modality imaging in diagnosis and management of patients with cardiac mass. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P344.	3.3	0
79	A giant congenital aneurysm of the left atrium. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, e7-e8.	1.4	0
80	The Role of Clinical Cardiac Magnetic Resonance Imaging in China: Current Status and the Future. <i>Cardiovascular Innovations and Applications</i> , 2016, 2, .	0.3	0
81	Feature tracking (FT) and extracellular volume (ECV) by cardiac magnetic resonance segmentally analyze change of LV in Ebstein:a novel perspective in myocardial remodeling. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, O31.	3.3	0
82	The right ventricular end-systolic volume index predicts mortality in patients with cardiac amyloidosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P139.	3.3	0
83	LV geometric and substrate remodeling in patient with Ebstein anomaly - a deep insight from MRI T1 mapping fibrosis imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P159.	3.3	0
84	Distribution pattern of left ventricular myocardial strain by feature-tracking CMR in Chinese normal subjects. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P34.	3.3	0
85	FEASIBILITY AND RELIABILITY OF SIMULTANEOUS 6-LEAD ELECTROCARDIOGRAPHY RECORDING WITH A NOVEL SMARTWATCH: A PILOT VALIDATION STUDY. <i>Journal of the American College of Cardiology</i> , 2021, 77, 234.	2.8	0
86	Patient manifested as left ventricular non-compaction. <i>Heart</i> , 2021, 107, 1166-1184.	2.9	0
87	SAT-540 Primary Aldosteronism Represents Earlier Myocardial Fibrosis Than Essential Hypertension by T1 Mapping. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0
88	Severe aortic regurgitation and heart failure. <i>Heart</i> , 2021, 107, 1874-1924.	2.9	0
89	Abstract 15116: The Prognostic Value of Left Ventricular Mechanical Dyssynchrony in Patients With Idiopathic Dilated Cardiomyopathy. <i>Circulation</i> , 2020, 142, .	1.6	0
90	Abstract 15126: Myocardial Tissue Reverse Remodeling After Guideline-directed Medical Therapy in Idiopathic Dilated Cardiomyopathy. <i>Circulation</i> , 2020, 142, .	1.6	0

#	ARTICLE	IF	CITATIONS
91	A 64-year-old woman with right atrial mass. Heart, 2022, 108, 557-578.	2.9	0