

# Zhi-Gang Yang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2079798/zhi-gang-yang-publications-by-year.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104 papers	596 citations	13 h-index	19 g-index
127 ext. papers	894 ext. citations	4.9 avg, IF	3.92 L-index

#	Paper	IF	Citations
104	Association of myocardial fibrosis detected by late gadolinium-enhanced MRI with clinical outcomes in patients with diabetes: a systematic review and meta-analysis.. <i>BMJ Open</i> , <b>2022</b> , 12, e055374		1
103	The additive effect of essential hypertension on coronary artery plaques in type 2 diabetes mellitus patients: a coronary computed tomography angiography study.. <i>Cardiovascular Diabetology</i> , <b>2022</b> , 21, 1	8.7	2
102	A randomized controlled clinical trial of prolonged balloon inflation during stent deployment strategy in primary percutaneous coronary intervention for ST-segment elevation myocardial infarction: a pilot study.. <i>BMC Cardiovascular Disorders</i> , <b>2022</b> , 22, 30	2.3	0
101	The adverse impact of coronary artery disease on left ventricle systolic and diastolic function in patients with type 2 diabetes mellitus: a 3.0T CMR study.. <i>Cardiovascular Diabetology</i> , <b>2022</b> , 21, 30	8.7	0
100	Additive effect of aortic regurgitation degree on left ventricular strain in patients with type 2 diabetes mellitus evaluated via cardiac magnetic resonance tissue tracking.. <i>Cardiovascular Diabetology</i> , <b>2022</b> , 21, 37	8.7	0
99	Comparison of Silicosis and Tuberculosis Involving Mediastinal Lymph Nodes Based on Contrast-Enhanced Multidetector-Row Computed Tomography.. <i>Lung</i> , <b>2022</b> , 1	2.9	0
98	Additive Effects of Obesity on Myocardial Microcirculation and Left Ventricular Deformation in Essential Hypertension: A Contrast-Enhanced Cardiac Magnetic Resonance Imaging Study.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 831231	5.4	1
97	Comparison of cardiovascular magnetic resonance features and clinical consequences in patients with left ventricular non-compaction with and without mitral regurgitation-a multi-institutional study of the retrospective cohort study.. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2022</b> , 12, 241-252	2.6	
96	Effects of diabetes mellitus on left ventricular function and remodeling in hypertensive patients with heart failure with reduced ejection fraction: assessment with 3.0T MRI feature tracking.. <i>Cardiovascular Diabetology</i> , <b>2022</b> , 21, 69	8.7	0
95	Cardiac magnetic resonance T1 mapping for evaluating myocardial fibrosis in patients with type 2 diabetes mellitus: correlation with left ventricular longitudinal diastolic dysfunction.. <i>European Radiology</i> , <b>2022</b> , 1	8	0
94	Myocardial microvascular function assessed by CMR first-pass perfusion in patients treated with chemotherapy for gynecologic malignancies.. <i>European Radiology</i> , <b>2022</b> , 1	8	
93	Association of magnitude of weight loss and weight variability with mortality and major cardiovascular events among individuals with type 2 diabetes mellitus: a systematic review and meta-analysis.. <i>Cardiovascular Diabetology</i> , <b>2022</b> , 21, 78	8.7	0
92	Effect of Smoking on Coronary Artery Plaques in Type 2 Diabetes Mellitus: Evaluation With Coronary Computed Tomography Angiography. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 750773	5.7	1
91	Additive effect of hypertension on left ventricular structure and function in patients with asymptomatic type 2 diabetes mellitus. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 538-547	1.9	2
90	Association Between Heart Failure With Preserved Left Ventricular Ejection Fraction and Impaired Left Atrial Phasic Function in Hypertrophic Cardiomyopathy: Evaluation by Cardiac MRI Feature Tracking. <i>Journal of Magnetic Resonance Imaging</i> , <b>2021</b> ,	5.6	1
89	Global, segmental and layer specific analysis of myocardial involvement in Duchenne muscular dystrophy by cardiovascular magnetic resonance native T1 mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 110	6.9	
88	Impact of myocardial scars on left ventricular deformation in type 2 diabetes mellitus after myocardial infarction by contrast-enhanced cardiac magnetic resonance. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 215	8.7	0

87	The Prognostic Value of Radiomics Features Extracted From Computed Tomography in Patients With Localized Clear Cell Renal Cell Carcinoma After Nephrectomy. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 591502	5.3	0
86	Lipoprotein glomerulopathy induced by ApoE Kyoto mutation in ApoE-deficient mice. <i>Journal of Translational Medicine</i> , <b>2021</b> , 19, 97	8.5	2
85	Impact of type 2 diabetes mellitus on left ventricular diastolic function in patients with essential hypertension: evaluation by volume-time curve of cardiac magnetic resonance. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 73	8.7	4
84	Distinguishing cardiac myxomas from cardiac thrombi by a radiomics signature based on cardiovascular contrast-enhanced computed tomography images. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 152	2.3	0
83	Characterization of infarcted myocardium by T1-mapping and its association with left ventricular remodeling. <i>European Journal of Radiology</i> , <b>2021</b> , 137, 109590	4.7	1
82	Increased oxygenation is associated with myocardial inflammation and adverse regional remodeling after acute ST-segment elevation myocardial infarction. <i>European Radiology</i> , <b>2021</b> , 31, 8956-8966	8.8	0
81	Characteristics of coronary artery disease in patients with subclinical hypothyroidism: evaluation using coronary artery computed tomography angiography. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 303	2.3	1
80	Radiomic assessment as a method for predicting tumor mutation burden (TMB) of bladder cancer patients: a feasibility study. <i>BMC Cancer</i> , <b>2021</b> , 21, 823	4.8	2
79	Myocardial perfusion assessment in the infarct core and penumbra zones in an in-vivo porcine model of the acute, sub-acute, and chronic infarction. <i>European Radiology</i> , <b>2021</b> , 31, 2798-2808	8	2
78	Features of family clusters of COVID-19 patients: A retrospective study. <i>Travel Medicine and Infectious Disease</i> , <b>2021</b> , 39, 101950	8.4	3
77	The additive effects of kidney dysfunction on left ventricular function and strain in type 2 diabetes mellitus patients verified by cardiac magnetic resonance imaging. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 11	8.7	3
76	Impact of gender on left ventricular deformation in patients with essential hypertension assessed by cardiac magnetic resonance tissue tracking. <i>Journal of Magnetic Resonance Imaging</i> , <b>2021</b> , 53, 1710-1720	5.6	1
75	Rationale, design, and baseline characteristics of Chinese registry in early detection and risk stratification of coronary plaques (C-STRAT) study. <i>Chinese Medical Journal</i> , <b>2021</b> , 134, 870-872	2.9	
74	The mitral regurgitation effects of cardiac structure and function in left ventricular noncompaction. <i>Scientific Reports</i> , <b>2021</b> , 11, 4616	4.9	1
73	Aggravation of functional mitral regurgitation on left ventricle stiffness in type 2 diabetes mellitus patients evaluated by CMR tissue tracking. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 158	8.7	2
72	A comprehensive prognostic analysis of osimertinib treatment in advanced non-small cell lung cancer patients with acquired EGFR-T790M mutation: a real-world study. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2021</b> , 1	4.9	
71	Utility of single-shot compressed sensing cardiac magnetic resonance cine imaging for assessment of biventricular function in free-breathing and arrhythmic pediatric patients. <i>International Journal of Cardiology</i> , <b>2021</b> , 338, 258-264	3.2	0
70	Machine Learning-Based CT Radiomics Analysis for Prognostic Prediction in Metastatic Non-Small Cell Lung Cancer Patients With -T790M Mutation Receiving Third-Generation EGFR-TKI Osimertinib Treatment. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 719919	5.3	1

69	Effect of diabetes mellitus on the development of left ventricular contractile dysfunction in women with heart failure and preserved ejection fraction. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 185	8.7	2
68	Noninvasive oxygenation assessment after acute myocardial infarction with breathing maneuvers-induced oxygenation-sensitive magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2021</b> , 54, 284-289	5.6	
67	Malignancies in Chinese patients with immunoglobulin G4-related disease. <i>Clinical and Experimental Rheumatology</i> , <b>2021</b> , 39, 434	2.2	
66	Association of left ventricular systolic dysfunction with coronary artery dilation in Kawasaki disease patients: Assessment with cardiovascular magnetic resonance. <i>European Journal of Radiology</i> , <b>2021</b> , 145, 110039	4.7	0
65	Erdheim-Chester disease: a case treated with IFN- $\gamma$ monitored using plasma and urine cell-free DNA. <i>Immunotherapy</i> , <b>2020</b> , 12, 379-387	3.8	0
64	The prognostic value of right ventricular deformation derived from cardiac magnetic resonance tissue tracking for all-cause mortality in light-chain amyloidosis patients. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 161-172	2.6	4
63	Corona Virus Disease 2019 (COVID-19): the image tells the truth. <i>Infection</i> , <b>2020</b> , 48, 981-984	5.8	1
62	The additive effects of obesity on myocardial microcirculation in diabetic individuals: a cardiac magnetic resonance first-pass perfusion study. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 52	8.7	3
61	Metabolic syndrome and myocardium steatosis in subclinical type 2 diabetes mellitus: a H-magnetic resonance spectroscopy study. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 70	8.7	8
60	Primary left ventricular neuroendocrine tumor in a middle-aged female: a case report. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 653	3.2	
59	Left ventricular global function index by magnetic resonance imaging - a novel marker for differentiating cardiac amyloidosis from hypertrophic cardiomyopathy. <i>Scientific Reports</i> , <b>2020</b> , 10, 47074-9	4.9	5
58	Assessing right ventricular deformation in hypertrophic cardiomyopathy patients with preserved right ventricular ejection fraction: a 3.0-T cardiovascular magnetic resonance study. <i>Scientific Reports</i> , <b>2020</b> , 10, 1967	4.9	10
57	Prognostic value of dual-source computed tomography (DSCT) angiography characteristics in anomalous coronary artery from the opposite sinus (ACAOS) patients: a large-scale retrospective study. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 25	2.3	6
56	Prognostic value of heart failure in hemodialysis-dependent end-stage renal disease patients with myocardial fibrosis quantification by extracellular volume on cardiac magnetic resonance imaging. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 12	2.3	6
55	Histological Validation of Cardiovascular Magnetic Resonance T1 Mapping for Assessing the Evolution of Myocardial Injury in Myocardial Infarction: An Experimental Study. <i>Korean Journal of Radiology</i> , <b>2020</b> , 21, 1294-1304	6.9	0
54	The additive effects of type 2 diabetes mellitus on left ventricular deformation and myocardial perfusion in essential hypertension: a 3.0 T cardiac magnetic resonance study. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 161	8.7	8
53	The combined effects of cardiac geometry, microcirculation, and tissue characteristics on cardiac systolic and diastolic function in subclinical diabetes mellitus-related cardiomyopathy. <i>International Journal of Cardiology</i> , <b>2020</b> , 320, 112-118	3.2	8
52	A novel prognostic model predicting the long-term cancer-specific survival for patients with hypopharyngeal squamous cell carcinoma. <i>BMC Cancer</i> , <b>2020</b> , 20, 1095	4.8	6

51	Assessment of left ventricular deformation in patients with type 2 diabetes mellitus by cardiac magnetic resonance tissue tracking. <i>Scientific Reports</i> , <b>2020</b> , 10, 13126	4.9	2
50	How cardiologists respond to COVID-19: the experience of West China Hospital, China. <i>Internal and Emergency Medicine</i> , <b>2020</b> , 15, 1561-1565	3.7	
49	Anatomical characteristics of anomalous left coronary artery from the opposite sinus (left-ACAOS) and its clinical relevance: A serial coronary CT angiography study. <i>IJC Heart and Vasculature</i> , <b>2020</b> , 31, 100649	2.4	2
48	Effect of prediabetes on the long-term all-cause mortality of patients undergoing percutaneous coronary intervention: A protocol for systematic review and meta analysis. <i>Medicine (United States)</i> , <b>2020</b> , 99, e21623	1.8	
47	Retraction Note: Prognostic value of heart failure in hemodialysis-dependent end-stage renal disease patients with myocardial fibrosis quantification by extracellular volume on cardiac magnetic resonance imaging. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 407	2.3	
46	Preoperative Assessment of Coronary Arteries by Cardiac Computed Tomography in Patients with Lung Cancer. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2020</b> , 68, 169-175	1.6	1
45	Comparison of clinical profiles between takotsubo syndrome and acute coronary syndrome: a systematic review and meta-analysis. <i>Heart Failure Reviews</i> , <b>2020</b> , 25, 847-860	5	2
44	Assessment of intracardiac and extracardiac anomalies associated with coarctation of aorta and interrupted aortic arch using dual-source computed tomography. <i>Scientific Reports</i> , <b>2019</b> , 9, 11656	4.9	1
43	Serial coronary computed tomography angiography-verified coronary plaque progression: comparison of stented patients with or without diabetes. <i>Cardiovascular Diabetology</i> , <b>2019</b> , 18, 123	8.7	7
42	Left Ventricular Involvement in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy Predicts Adverse Clinical Outcomes: A Cardiovascular Magnetic Resonance Feature Tracking Study. <i>Scientific Reports</i> , <b>2019</b> , 9, 14235	4.9	13
41	CT compared to MRI for functional evaluation of the right ventricle: a systematic review and meta-analysis. <i>European Radiology</i> , <b>2019</b> , 29, 6816-6828	8	7
40	Evaluation of myocardial fibrosis in diabetes with cardiac magnetic resonance T1-mapping: Correlation with the high-level hemoglobin A1c. <i>Diabetes Research and Clinical Practice</i> , <b>2019</b> , 150, 72-80	7.4	13
39	Accurate identification of myocardial viability after myocardial infarction with novel manganese chelate-based MR imaging. <i>NMR in Biomedicine</i> , <b>2019</b> , 32, e4158	4.4	3
38	Cardiac magnetic resonance feature tracking for quantifying right ventricular deformation in type 2 diabetes mellitus patients. <i>Scientific Reports</i> , <b>2019</b> , 9, 11148	4.9	9
37	Left Ventricular Deformation in Patients with Connective Tissue Disease: Evaluated by 3.0T Cardiac Magnetic Resonance Tissue Tracking. <i>Scientific Reports</i> , <b>2019</b> , 9, 17913	4.9	2
36	Protective role of beta-blockers in chemotherapy-induced cardiotoxicity-a systematic review and meta-analysis of carvedilol. <i>Heart Failure Reviews</i> , <b>2019</b> , 24, 325-333	5	10
35	Dual-source computed tomography for quantitative assessment of tracheobronchial anomaly from type IIA pulmonary artery sling in pediatric patients. <i>European Journal of Radiology</i> , <b>2018</b> , 102, 30-35	4.7	4
34	Assessment of left ventricular myocardial deformation by cardiac MRI strain imaging reveals myocardial dysfunction in patients with primary cardiac tumors. <i>International Journal of Cardiology</i> , <b>2018</b> , 253, 176-182	3.2	11

33	Native T mapping for characterization of acute and chronic myocardial infarction in swine: Comparison with contrast-enhanced MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2018</b> , 47, 1406-1414	5.6	9
32	Myocardial bridging in left main coronary artery. <i>Coronary Artery Disease</i> , <b>2018</b> , 29, 274-275	1.4	1
31	Quantified evaluation of tracheal compression in pediatric complex congenital vascular ring by computed tomography. <i>Scientific Reports</i> , <b>2018</b> , 8, 11183	4.9	6
30	Predictors of aortic dilation in patients with coarctation of the aorta: evaluation with dual-source computed tomography. <i>BMC Cardiovascular Disorders</i> , <b>2018</b> , 18, 124	2.3	11
29	Left ventricular subclinical myocardial dysfunction in uncomplicated type 2 diabetes mellitus is associated with impaired myocardial perfusion: a contrast-enhanced cardiovascular magnetic resonance study. <i>Cardiovascular Diabetology</i> , <b>2018</b> , 17, 139	8.7	34
28	Computed tomography for evaluating right ventricle and pulmonary artery in pediatric tetralogy of Fallot: correlation with post-operative pulmonary regurgitation. <i>Scientific Reports</i> , <b>2018</b> , 8, 7515	4.9	1
27	Assessments of pulmonary vein and left atrial anatomical variants in atrial fibrillation patients for catheter ablation with cardiac CT. <i>European Radiology</i> , <b>2017</b> , 27, 660-670	8	29
26	Reply to "Letter to the Editor Preoperative evaluation of coronary artery fistula using dual-source computed tomography". <i>International Journal of Cardiology</i> , <b>2017</b> , 234, 118	3.2	
25	Assessment of a left circumflex coronary artery-left ventricle fistula by multimodality imaging in a child. <i>Cardiology in the Young</i> , <b>2017</b> , 27, 570-572	1	
24	Assessment of left ventricular deformation in patients with Ebstein's anomaly by cardiac magnetic resonance tissue tracking. <i>European Journal of Radiology</i> , <b>2017</b> , 89, 20-26	4.7	13
23	Myocardial Deformation in Cardiac Amyloid Light-chain Amyloidosis: Assessed with 3T Cardiovascular Magnetic Resonance Feature Tracking. <i>Scientific Reports</i> , <b>2017</b> , 7, 3794	4.9	13
22	Preoperative evaluation of anomalous pulmonary venous connection using dual-source computed tomography: Comparison with echocardiography. <i>European Journal of Radiology</i> , <b>2017</b> , 94, 107-114	4.7	8
21	Volume-time curve of cardiac magnetic resonance assessed left ventricular dysfunction in coronary artery disease patients with type 2 diabetes mellitus. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 145	2.3	4
20	Early marker of regional left ventricular deformation in patients with hypertrophic cardiomyopathy evaluated by MRI tissue tracking: The effects of myocardial hypertrophy and fibrosis. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 46, 1368-1376	5.6	19
19	Dual-source Computed Tomography for Evaluating Pulmonary Artery and Aorta in Pediatric Patients with Single Ventricle. <i>Scientific Reports</i> , <b>2017</b> , 7, 13398	4.9	1
18	Assessment of tetralogy of Fallot-associated congenital extracardiac vascular anomalies in pediatric patients using low-dose dual-source computed tomography. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 285	2.3	2
17	Preoperative assessment of mitral valve abnormalities in left atrial myxoma patients using cardiac CT. <i>Oncotarget</i> , <b>2017</b> , 8, 57583-57593	3.3	1
16	The Diagnostic Value of Global Longitudinal Strain (GLS) on Myocardial Infarction Size by Echocardiography: A Systematic Review and Meta-analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 10082	4.9	14



15	Preoperative evaluation of coronary artery fistula using dual-source computed tomography. <i>International Journal of Cardiology</i> , <b>2017</b> , 228, 80-85	3.2	13
14	The Blood Oxygenation T Values of Resectable Esophageal Squamous Cell Carcinomas as Measured by 3T Magnetic Resonance Imaging: Association with Tumor Stage. <i>Korean Journal of Radiology</i> , <b>2017</b> , 18, 674-681	6.9	7
13	Assessment of transposition of the great arteries associated with multiple malformations using dual-source computed tomography. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187578	3.7	4
12	Application of Dual-Source CT Coronary Angiography in Type 2 Diabetic Patients with Symptomatic Coronary Heart Disease. <i>Current Vascular Pharmacology</i> , <b>2017</b> , 15, 59-65	3.3	1
11	Regional myocardial microvascular dysfunction in cardiac amyloid light-chain amyloidosis: assessment with 3T cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2016</b> , 18, 16	6.9	21
10	Dual-source computed tomography for evaluating pulmonary artery in pediatric patients with cyanotic congenital heart disease: Comparison with transthoracic echocardiography. <i>European Journal of Radiology</i> , <b>2016</b> , 85, 187-192	4.7	14
9	Histologic validation of myocardial fibrosis measured by T1 mapping: a systematic review and meta-analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2016</b> , 18, 92	6.9	66
8	Morphologic and functional abnormalities in patients with Ebstein's anomaly with cardiac magnetic resonance imaging: Correlation with tricuspid regurgitation. <i>European Journal of Radiology</i> , <b>2016</b> , 85, 1601-6	4.7	10
7	Assessment of Double Outlet Right Ventricle Associated with Multiple Malformations in Pediatric Patients Using Retrospective ECG-Gated Dual-Source Computed Tomography. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130987	3.7	14
6	Differentiation between tuberculosis and leukemia in abdominal and pelvic lymph nodes: evaluation with contrast-enhanced multidetector computed tomography. <i>Clinics</i> , <b>2015</b> , 70, 162-8	2.3	6
5	The regional myocardial microvascular dysfunction differences in hypertrophic cardiomyopathy patients with or without left ventricular outflow tract obstruction: assessment with first-pass perfusion imaging using 3.0-T cardiac magnetic resonance. <i>European Journal of Radiology</i> , <b>2014</b> , 83, 665-72	4.7	9
4	Assessing right ventricular function in patients with hypertrophic cardiomyopathy with cardiac MRI: correlation with the New York Heart Function Assessment (NYHA) classification. <i>PLoS ONE</i> , <b>2014</b> , 9, e104312	2.7	14
3	Comparative analysis of coronary artery disease assessed by coronary CT angiography between patients with type 2 diabetes mellitus and non-diabetic patients. <i>International Journal of Cardiology</i> , <b>2011</b> , 147, 178-81	3.2	7
2	Characteristics of coronary artery disease in symptomatic type 2 diabetic patients: evaluation with CT angiography. <i>Cardiovascular Diabetology</i> , <b>2010</b> , 9, 74	8.7	23
1	Differentiation between tuberculosis and primary tumors in the adrenal gland: evaluation with contrast-enhanced CT. <i>European Radiology</i> , <b>2006</b> , 16, 2031-6	8	29