

Li Zhang

List of Publications by Year in descending order

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89
papers

1,923
citations

448610

19
h-index

312153

41
g-index

90
all docs

90
docs citations

90
times ranked

4043
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time 3D transoesophageal echocardiography visualization of congenital double orifice mitral valve. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, , .	0.5	2
2	Artificial Intelligence-Enhanced Echocardiography for Systolic Function Assessment. <i>Journal of Clinical Medicine</i> , 2022, 11, 2893.	1.0	5
3	Assessment of biatrial function in clinically well pediatric bicaval heart transplantation patients by three-dimensional echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 921-929.	0.7	1
4	Clinical Presentation, Diagnosis, and Management of Idiopathic Enlargement of the Right Atrium: An Analysis Based on Systematic Review of 153 Reported Cases. <i>Cardiology</i> , 2021, 146, 88-97.	0.6	4
5	Left Ventricular Remodeling and Its Progression in Asymptomatic Patients with Chronic Aortic Regurgitation: Evaluation by Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 360-369.	1.2	9
6	Vertebroplasty and right heart cement embolism. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2021, 114, 124-126.	0.2	3
7	The crawling tumour: intravenous leiomyomatosis involving inferior vena cava and heart. <i>European Heart Journal</i> , 2020, 41, 1216-1216.	1.0	4
8	Delivery of FK506-loaded PLGA nanoparticles prolongs cardiac allograft survival. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118951.	2.6	13
9	Multimodality imaging of a left atrial calcified amorphous tumor. <i>Echocardiography</i> , 2020, 37, 147-149.	0.3	1
10	Left ventricular hemangioma and quadricuspid aortic valve: a rare combination. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 623-625.	0.7	1
11	Factors Influencing Mental Health of Medical Workers During the COVID-19 Outbreak. <i>Frontiers in Public Health</i> , 2020, 8, 491.	1.3	18
12	Assessment of biventricular function by three-dimensional speckle-tracking echocardiography in clinically well pediatric heart transplantation patients. <i>Echocardiography</i> , 2020, 37, 2107-2115.	0.3	4
13	Real time three-dimensional echocardiographic quantification of left atrial volume in orthotopic heart transplant recipients: Comparisons with cardiac magnetic resonance imaging. <i>Echocardiography</i> , 2020, 37, 1243-1250.	0.3	4
14	The prevalence, risk factors and outcome of cardiac dysfunction in hospitalized patients with COVID-19. <i>Intensive Care Medicine</i> , 2020, 46, 2096-2098.	3.9	21
15	The Authors Reply:. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1859-1860.	2.3	1
16	Feasibility of bedside ultrasound-guided inferior vena cava filter implantation in COVID-19 patients with deep venous thrombosis. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2020, 113, 817-819.	0.2	4
17	Bioinspired Î²-glucan microcapsules deliver FK506 to lymph nodes for treatment of cardiac allograft acute rejection. <i>Biomaterials Science</i> , 2020, 8, 5282-5292.	2.6	11
18	Anomalous Origin of Left Coronary Artery From the Pulmonary Artery and Mitral Valve Cleft. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010731.	1.3	1

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19	Bedside Focused Cardiac Ultrasound in COVID-19 from the Wuhan Epicenter: The Role of Cardiac Point-of-Care Ultrasound, Limited Transthoracic Echocardiography, and Critical Care Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 676-682.	1.2	66
20	Prognostic Value of Right Ventricular Longitudinal Strain in Patients With COVID-19. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2287-2299.	2.3	344
21	Deep Vein Thrombosis in Hospitalized Patients With COVID-19 in Wuhan, China. <i>Circulation</i> , 2020, 142, 114-128.	1.6	349
22	Evaluation of Biventricular Functions in Transplanted Hearts Using 3-Dimensional Speckle-Tracking Echocardiography. <i>Journal of the American Heart Association</i> , 2020, 9, e015742.	1.6	10
23	Undifferentiated Cardiac Sarcomas Originating From Malignant Transformation of Atrial Myxoma. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010277.	1.3	5
24	In Reply to the Letter to the Editor Regarding "Myocardial strain using two-dimensional speckle-tracking echocardiography in acute cardiac allograft rejection: Methodological issues on diagnostic value". <i>Echocardiography</i> , 2020, 37, 984-985.	0.3	0
25	Antagonist Attenuates Acute Cardiac Rejection Using Ultrasound Targeted Microbubbles Destruction. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000189.	3.9	10
26	Prognostic Value of Right Ventricular Two-Dimensional and Three-Dimensional Speckle-Tracking Strain in Pulmonary Arterial Hypertension: Superiority of Longitudinal Strain over Circumferential and Radial Strain. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 985-994.e1.	1.2	37
27	Three-Dimensional Transesophageal Echocardiography Visualization of Aortico-Left Ventricular Tunnel. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010387.	1.3	0
28	Feasibility and Safety of Transnasal Transesophageal Echocardiography Guiding Left Atrial Appendage Closure Without General Anesthesia. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2043-2044.	2.3	0
29	Value of 3D Versus 2D Speckle-Tracking Echocardiography for RV Strain Measurement. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2056-2058.	2.3	16
30	Multimodality imaging in preparation for resection of a right atrial cavernous hemangioma. <i>Echocardiography</i> , 2020, 37, 465-466.	0.3	5
31	Cardiovascular magnetic resonance-derived myocardial strain in asymptomatic heart transplanted patients and its correlation with late gadolinium enhancement. <i>European Radiology</i> , 2020, 30, 4337-4346.	2.3	3
32	Myocardium-targeted transplantation of PHD2 shRNA-modified bone mesenchymal stem cells through ultrasound-targeted microbubble destruction protects the heart from acute myocardial infarction. <i>Theranostics</i> , 2020, 10, 4967-4982.	4.6	22
33	Diagnostic value of myocardial strain using two-dimensional speckle-tracking echocardiography in acute cardiac allograft rejection: A systematic review and meta-analysis. <i>Echocardiography</i> , 2020, 37, 561-569.	0.3	10
34	Psychological stress of medical staffs during outbreak of COVID-19 and adjustment strategy. <i>Journal of Medical Virology</i> , 2020, 92, 1962-1970.	2.5	189
35	First-in-human transcatheter pulmonic valve implantation of Med-Zenith PT-Valve in a stenotic pulmonary conduit. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2020, 113, 883-885.	0.2	3
36	A rare case of pericardial lymphoma in a heart transplantation recipient. <i>Medical Ultrasonography</i> , 2020, 22, 255.	0.4	0

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37	Congenital right subclavian artery-superior vena cava fistula recognized by transthoracic echocardiography. <i>Cardiology Journal</i> , 2020, 26, 812-813.	0.5	0
38	Aorto-Left Ventricle Fistula in Aortic Valve Endocarditis Found to Mimic Valsalva Sinus Aneurysm Rupture into the Left Ventricle: A case study. <i>Advanced Ultrasound in Diagnosis and Therapy</i> , 2020, 4, 18.	0.1	1
39	Isolated Severe Right Ventricular Hypertrophic Cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2019, 107, e23-e25.	0.7	4
40	Acute Pulmonary Hypertension During Pregnancy Caused by Isolated Cor Triatriatum Sinus With Left Atrial Thrombus. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009331.	1.3	0
41	Improving acute cardiac transplantation rejection therapy using ultrasound-targeted FK506-loaded microbubbles in rats. <i>Biomaterials Science</i> , 2019, 7, 3729-3740.	2.6	22
42	Correlation between carotid intima-media roughness and cardiovascular risk factors. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 49-56.	0.8	4
43	Chronic Left Atrial Dissection With Paravalvular Leakage and Bioprosthetic Mitral Valve Dysfunction at 12-Year Follow-Up. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008747.	1.3	1
44	The Optimized Fabrication of a Novel Nanobubble for Tumor Imaging. <i>Frontiers in Pharmacology</i> , 2019, 10, 610.	1.6	36
45	Giant Ductus Arteriosus Aneurysm With Thrombus in a 31-Day-Old Infant. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008939.	1.3	0
46	Hidden in the Heart. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008794.	1.3	0
47	Ascending aortic pseudoaneurysm: a rare complication after mitral valve replacement. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 915-915.	0.5	0
48	Transnasal Transesophageal Echocardiography Guidance for Percutaneous Left Atrial Appendage Closure. <i>Annals of Thoracic Surgery</i> , 2019, 108, e161-e164.	0.7	8
49	Ultrasound Molecular Imaging of Lymphocyte-endothelium Adhesion Cascade in Acute Cellular Rejection of Cardiac Allografts. <i>Transplantation</i> , 2019, 103, 1603-1611.	0.5	7
50	Carotid Intima-media Roughness and Elasticity in Hypertensive Patients With Normal Carotid Intima-media Thickness. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 1545-1552.	0.8	5
51	Ultrasound molecular imaging of acute cardiac transplantation rejection using nanobubbles targeted to T lymphocytes. <i>Biomaterials</i> , 2018, 162, 200-207.	5.7	38
52	Congenital left atrial appendage aneurysm. <i>Medicine (United States)</i> , 2018, 97, e9344.	0.4	24
53	Quantitative Evaluation of Combretastatin A4 Phosphate Early Efficacy in a Tumor Model with Dynamic Contrast-Enhanced Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 840-852.	0.7	9
54	Spontaneous Right Atrial Dissection and Congenital Right Atrial Aneurysm. <i>Annals of Thoracic Surgery</i> , 2018, 106, e29-e31.	0.7	3

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55	Evaluation of Carotid Plaque Neovascularization in Patients With Coronary Heart Disease on Contrast-Enhanced Ultrasonography. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 823-831.	0.8	7
56	Multimodal imaging evaluation of a primary cardiac lymphoma in an immunocompetent patient. <i>Echocardiography</i> , 2018, 35, 2121-2123.	0.3	10
57	Blood-brain barrier disruption induced by diagnostic ultrasound combined with microbubbles in mice. <i>Oncotarget</i> , 2018, 9, 4897-4914.	0.8	37
58	Rare Case of Pericardial Angiosarcoma. <i>Circulation: Heart Failure</i> , 2018, 11, e005342.	1.6	4
59	Preclinical cardiovascular changes in children with obesity: A real-time 3-dimensional speckle tracking imaging study. <i>PLoS ONE</i> , 2018, 13, e0205177.	1.1	8
60	Bicuspid Aortic Valve: An Update in Morphology, Genetics, Biomarker, Complications, Imaging Diagnosis and Treatment. <i>Frontiers in Physiology</i> , 2018, 9, 1921.	1.3	49
61	MicroRNA-148a promotes apoptosis and suppresses growth of breast cancer cells by targeting B-cell lymphoma 2. <i>Anti-Cancer Drugs</i> , 2017, 28, 588-595.	0.7	26
62	Reduced Myocardial Reserve in Young X-Linked Muscular Dystrophy Mice Diagnosed by Two-Dimensional Strain Analysis Combined with Stress Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 815-827.e9.	1.2	12
63	Assessment of left ventricular performance in heart transplant recipients by three-dimensional speckle tracking imaging. <i>Medicine (United States)</i> , 2017, 96, e8129.	0.4	2
64	Evaluation of carotid arterial elasticity in patients with obstructive sleep apnea hypopnea syndrome by two-dimensional speckle tracking imaging. <i>Medicine (United States)</i> , 2017, 96, e8817.	0.4	8
65	Localized Delivery of shRNA against PHD2 Protects the Heart from Acute Myocardial Infarction through Ultrasound-Targeted Cationic Microbubble Destruction. <i>Theranostics</i> , 2017, 7, 51-66.	4.6	46
66	Molecular Imaging of Acute Cardiac Transplant Rejection. <i>Transplantation</i> , 2017, 101, 1977-1986.	0.5	8
67	Echocardiographic diagnosis of rare pathological patterns of sinus of Valsalva aneurysm. <i>PLoS ONE</i> , 2017, 12, e0173122.	1.1	11
68	Acoustic Radiation Force Impulse Imaging for the Differentiation of Benign and Malignant Lymph Nodes: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0166716.	1.1	10
69	Impact of surgical correction of tetralogy of fallot on short-term right and left ventricular function as determined by 2-dimensional speckle tracking echocardiography. <i>Medicine (United States)</i> , 2016, 95, e4426.	0.4	10
70	Echocardiographic diagnosis of anomalous pulmonary venous connections. <i>Medicine (United States)</i> , 2016, 95, e5389.	0.4	17
71	Prevalence and correlates of valvular heart diseases in the elderly population in Hubei, China. <i>Scientific Reports</i> , 2016, 6, 27253.	1.6	21
72	Echocardiographic evaluation of cardiac dyssynchrony in patients with congestive heart failure. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2016, 36, 434-441.	1.0	0

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73	Incremental value of contrast echocardiography in the diagnosis of left ventricular noncompaction. <i>Frontiers of Medicine</i> , 2016, 10, 499-506.	1.5	6
74	The vital role the ductus arteriosus plays in the fetal diagnosis of congenital heart disease: Evaluation by fetal echocardiography in combination with an innovative cardiovascular cast technology. <i>International Journal of Cardiology</i> , 2016, 202, 90-96.	0.8	11
75	Three-Dimensional Rotation, Twist and Torsion Analyses Using Real-Time 3D Speckle Tracking Imaging: Feasibility, Reproducibility, and Normal Ranges in Pediatric Population. <i>PLoS ONE</i> , 2016, 11, e0158679.	1.1	9
76	Impaired Right and Left Ventricular Function in Asymptomatic Children with Repaired Tetralogy of Fallot by Two-Dimensional Speckle Tracking Echocardiography Study. <i>Echocardiography</i> , 2015, 32, 135-143.	0.3	43
77	Diagnostic Value of Transthoracic Echocardiography in Patients with Coarctation of Aorta: The Chinese Experience in 53 Patients Studied between 2008 and 2012 in One Major Medical Center. <i>PLoS ONE</i> , 2015, 10, e0127399.	1.1	19
78	Ultrasound-Targeted Microbubble Destruction (UTMD) Assisted Delivery of shRNA against PHD2 into H9C2 Cells. <i>PLoS ONE</i> , 2015, 10, e0134629.	1.1	14
79	Blunted cardiac beta-adrenergic response as an early indication of cardiac dysfunction in Duchenne muscular dystrophy. <i>Cardiovascular Research</i> , 2014, 103, 60-71.	1.8	32
80	Coronary artery fistula: Comparison of diagnostic accuracy by echocardiography versus coronary arteriography and surgery in 63 patients studied between 2002 and 2012 in a single medical center in China. <i>International Journal of Cardiology</i> , 2014, 176, 470-477.	0.8	26
81	Left Ventricular Three-Dimensional Global Systolic Strain by Real-Time Three-Dimensional Speckle-Tracking in Children: Feasibility, Reproducibility, Maturational Changes, and Normal Ranges. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 853-859.	1.2	51
82	Real Time Three-Dimensional Echocardiography for Evaluation of Congenital Heart Defects: State of the Art. <i>Echocardiography</i> , 2012, 29, 232-241.	0.3	10
83	Ultrasound-triggered microbubble destruction in combination with cationic lipid microbubbles enhances gene delivery. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 39-45.	1.0	8
84	Noninvasive diagnosis of cardiac amyloidosis by MRI and echocardiography. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2010, 30, 536-540.	1.0	5
85	Wave intensity analysis of carotid artery: A noninvasive technique for assessing hemodynamic changes of hyperthyroid patients. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2010, 30, 672-677.	1.0	6
86	Assessment of left atrial function in diabetes mellitus by left atrial volume tracking method. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2010, 30, 819-823.	1.0	16
87	The value of conventional echocardiographic and tissue doppler imaging in the diagnosis of cardiac amyloidosis. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2008, 28, 732-736.	1.0	7
88	Assessment of left ventricular torsion in patients with anterior wall myocardial infarction before and after revascularization using speckle tracking imaging. <i>Chinese Medical Journal</i> , 2008, 121, 1543-1548.	0.9	19
89	Assessment of age-related changes in left ventricular twist by two-dimensional ultrasound speckle tracking imaging. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2007, 27, 691-695.	1.0	17