

Tomoko Ishizu

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

2,679
citations

186265

28
h-index

214800

47
g-index

116
all docs

116
docs citations

116
times ranked

3798
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Implications of Intrarenal Hemodynamic Evaluation by Doppler Ultrasonography in Heart Failure. <i>JACC: Heart Failure</i> , 2016, 4, 674-682.	4.1	202
2	Validation of 3-Dimensional Speckle Tracking Imaging to Quantify Regional Myocardial Deformation. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 451-459.	2.6	182
3	Left Ventricular Strain and Transmural Distribution of Structural Remodeling in Hypertensive Heart Disease. <i>Hypertension</i> , 2014, 63, 500-506.	2.7	132
4	Efficacy, Safety, and Outcomes of Catheter Ablation of Atrial Fibrillation in Patients With Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1857-1865.	2.8	118
5	Endocardial Surface Area Tracking for Assessment of Regional LV Wall Deformation With 3D Speckle Tracking Imaging. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 358-365.	5.3	100
6	Endothelial Dysfunction, Increased Arterial Stiffness, and Cardiovascular Risk Prediction in Patients With Coronary Artery Disease: FMD (Flow-Mediated Dilation Japan) Study A. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	84
7	Incremental Prognostic Value of Right Ventricular Strain in Patients With Acute Decompensated Heart Failure. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007249.	2.6	74
8	Three-Dimensional Speckle Tracking Echocardiography. <i>Circulation Journal</i> , 2014, 78, 1290-1301.	1.6	68
9	Geriatric nutritional risk index predicts all-cause deaths in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2019, 6, 396-405.	3.1	68
10	Experimental validation of left ventricular transmural strain gradient with echocardiographic two-dimensional speckle tracking imaging. <i>European Journal of Echocardiography</i> , 2010, 11, 377-385.	2.3	61
11	Reliability of measurement of endothelial function across multiple institutions and establishment of reference values in Japanese. <i>Atherosclerosis</i> , 2015, 242, 433-442.	0.8	59
12	The Effect of Sitagliptin on Carotid Artery Atherosclerosis in Type 2 Diabetes: The PROLOGUE Randomized Controlled Trial. <i>PLoS Medicine</i> , 2016, 13, e1002051.	8.4	57
13	Febuxostat does not delay progression of carotid atherosclerosis in patients with asymptomatic hyperuricemia: A randomized, controlled trial. <i>PLoS Medicine</i> , 2020, 17, e1003095.	8.4	57
14	Global and Regional Right Ventricular Function Assessed by Novel Three-Dimensional Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 1203-1213.	2.8	56
15	Right Ventricular Deformation Analyses Using a Three-Dimensional Speckle-Tracking Echocardiographic System Specialized for the Right Ventricle. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 402-411.e2.	2.8	55
16	Effect of age on carotid arterial intima-media thickness in childhood. <i>Heart and Vessels</i> , 2004, 19, 189-95.	1.2	53
17	A Multicenter Study Design to Assess the Clinical Usefulness of Semi-Automatic Measurement of Flow-Mediated Vasodilatation of the Brachial Artery. <i>International Heart Journal</i> , 2012, 53, 170-175.	1.0	53
18	Subendocardial Systolic Dysfunction in Asymptomatic Normotensive Diabetic Patients. <i>Circulation Journal</i> , 2015, 79, 1749-1755.	1.6	52

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19	Longitudinal association among endothelial function, arterial stiffness and subclinical organ damage in hypertension. <i>International Journal of Cardiology</i> , 2018, 253, 161-166.	1.7	51
20	Application of 3-Dimensional Speckle Tracking Imaging to the Assessment of Right Ventricular Regional Deformation. <i>Circulation Journal</i> , 2013, 77, 1760-1768.	1.6	50
21	Myocardial dysfunction identified by three-dimensional speckle tracking echocardiography in type 2 diabetes patients relates to complications of microangiopathy. <i>Journal of Cardiology</i> , 2016, 68, 282-287.	1.9	45
22	Estimation of Central Venous Pressure Using the Ratio of Short to Long Diameter from Cross-Sectional Images of the Inferior Vena Cava. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 461-467.	2.8	34
23	Relationships between maintenance of sinus rhythm and clinical outcomes in patients with heart failure with preserved ejection fraction and atrial fibrillation. <i>Journal of Cardiology</i> , 2019, 74, 235-244.	1.9	34
24	Abnormal early diastolic intraventricular flow 'kinetic energy index' assessed by vector flow mapping in patients with elevated filling pressure. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 253-260.	1.2	33
25	Prevalence and Clinical Determinants of Left Atrial Appendage Thrombus in Patients With Atrial Fibrillation Before Pulmonary Vein Isolation. <i>American Journal of Cardiology</i> , 2015, 116, 1368-1373.	1.6	31
26	Nutritional screening based on the controlling nutritional status (CONUT) score at the time of admission is useful for long-term prognostic prediction in patients with heart failure requiring hospitalization. <i>Heart and Vessels</i> , 2017, 32, 1337-1349.	1.2	31
27	The correlation of irregularities in carotid arterial intima-media thickness with coronary artery disease. <i>Heart and Vessels</i> , 2002, 17, 1-6.	1.2	28
28	Rationale and design of a multicenter randomized study for evaluating vascular function under uric acid control using the xanthine oxidase inhibitor, febuxostat: the PRIZE study. <i>Cardiovascular Diabetology</i> , 2016, 15, 87.	6.8	28
29	Increased risk of thromboembolic events in adult congenital heart disease patients with atrial tachyarrhythmias. <i>International Journal of Cardiology</i> , 2017, 234, 69-75.	1.7	28
30	Transmural Compensation of Myocardial Deformation to Preserve Left Ventricular Ejection Performance in Chronic Aortic Regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 620-628.	2.8	27
31	Prognostic Impact of Changes in Intrarenal Venous Flow Pattern in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2021, 27, 20-28.	1.7	27
32	Brachial artery diameter as a marker for cardiovascular risk assessment: FMD-J study. <i>Atherosclerosis</i> , 2018, 268, 92-98.	0.8	26
33	Utility of Nutritional Screening in Predicting Short-Term Prognosis of Heart Failure Patients. <i>International Heart Journal</i> , 2018, 59, 354-360.	1.0	25
34	The Wake of a Large Vortex Is Associated with Intraventricular Filling Delay in Impaired Left Ventricles with a Pseudonormalized Transmitral Flow Pattern. <i>Echocardiography</i> , 2006, 23, 369-375.	0.9	24
35	Mechanical Dyssynchrony Assessed by Speckle Tracking Imaging as a Reliable Predictor of Acute and Chronic Response to Cardiac Resynchronization Therapy. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 839-846.	2.8	24
36	Three-Dimensional Propagation Imaging of Left Ventricular Activation by Speckle-Tracking Echocardiography to Predict Responses to Cardiac Resynchronization Therapy. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 606-614.	2.8	23

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37	Cross-sectional and longitudinal associations between serum uric acid and endothelial function in subjects with treated hypertension. <i>International Journal of Cardiology</i> , 2018, 272, 308-313.	1.7	23
38	Impaired Subendocardial Wall Thickening and Post-Systolic Shortening Are Signs of Critical Myocardial Ischemia in Patients With Flow-Limiting Coronary Stenosis. <i>Circulation Journal</i> , 2011, 75, 1934-1941.	1.6	22
39	Rationale and design of a multicenter randomized controlled study to evaluate the preventive effect of ipragliflozin on carotid atherosclerosis: the PROTECT study. <i>Cardiovascular Diabetology</i> , 2016, 15, 133.	6.8	22
40	Assessment of renal perfusion impairment in a rat model of acute renal congestion using contrast-enhanced ultrasonography. <i>Heart and Vessels</i> , 2018, 33, 434-440.	1.2	22
41	Renoprotective effects of tolvaptan in hypertensive heart failure rats depend on renal decongestion. <i>Hypertension Research</i> , 2019, 42, 319-328.	2.7	19
42	Left Ventricular Activation Imaging by 3-Dimensional Speckle-Tracking Echocardiography. <i>Circulation Journal</i> , 2013, 77, 2481-2489.	1.6	17
43	Noninvasive Localization of Accessory Pathways in Wolff-Parkinson-White Syndrome by Three-Dimensional Speckle Tracking Echocardiography. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	17
44	Clinical utility of the 2016 ASE/EACVI recommendations for the evaluation of left ventricular diastolic function in the stratification of post-discharge prognosis in patients with acute heart failure. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1129-1137.	1.2	17
45	Target of Triglycerides as Residual Risk for Cardiovascular Events in Patients With Coronary Artery Disease—Post Hoc Analysis of the FMD-J Study A. <i>Circulation Journal</i> , 2019, 83, 1064-1071.	1.6	17
46	Soluble ST2 and brain natriuretic peptide predict different mode of death in patients with heart failure and preserved ejection fraction. <i>Journal of Cardiology</i> , 2019, 73, 326-332.	1.9	17
47	Direct oral anticoagulant use and outcomes in adult patients with Fontan circulation: A multicenter retrospective cohort study. <i>International Journal of Cardiology</i> , 2021, 327, 74-79.	1.7	15
48	Doppler-Derived Intrarenal Venous Flow Mirrors Right-Sided Heart Hemodynamics in Patients With Cardiovascular Disease. <i>Circulation Journal</i> , 2020, 84, 1552-1559.	1.6	15
49	Assessment of propagation velocity by contrast echocardiography for standardization of color Doppler propagation velocity measurements. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 1266-1274.	2.8	13
50	Novel dyssynchrony evaluation by M-mode imaging in left bundle branch block and the application to predict responses for cardiac resynchronization therapy. <i>Journal of Cardiology</i> , 2014, 64, 199-206.	1.9	13
51	Different Impact of Changes in Left Ventricular Ejection Fraction Between Heart Failure Classifications in Patients With Acute Decompensated Heart Failure. <i>Circulation Journal</i> , 2019, 83, 584-594.	1.6	13
52	Differential effect of a xanthine oxidase inhibitor on arterial stiffness and carotid atherosclerosis: a subanalysis of the PRIZE study. <i>Hypertension Research</i> , 2022, 45, 602-611.	2.7	13
53	Fragmented QRS Is a Novel Risk Factor for Ventricular Arrhythmic Events After Receiving Cardiac Resynchronization Therapy in Nonischemic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 327-335.	1.7	12
54	Increased arterial stiffness and cardiovascular risk prediction in controlled hypertensive patients with coronary artery disease: post hoc analysis of FMD-J (Flow-mediated Dilation Japan) Study A. <i>Hypertension Research</i> , 2020, 43, 781-790.	2.7	12

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55	Stratification of impaired relaxation filling patterns by passive leg lifting in patients with preserved left ventricular ejection fraction. <i>European Journal of Heart Failure</i> , 2008, 10, 1094-1101.	7.1	11
56	Rationale and design of a study to evaluate the effects of sitagliptin on atherosclerosis in patients with diabetes mellitus: PROLOGUE study. <i>International Journal of Cardiology</i> , 2014, 174, 383-384.	1.7	11
57	Incremental Value of Speckle Tracking Echocardiography to Predict Cardiac Resynchronization Therapy (CRT) Responders. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	11
58	Clinical Usefulness of the HFA-PEFF Diagnostic Scoring System in Identifying Late Elderly Heart Failure With Preserved Ejection Fraction Patients. <i>Circulation Journal</i> , 2021, 85, 604-611.	1.6	11
59	Prognostic impact of plaque echolucency in combination with inflammatory biomarkers on cardiovascular outcomes of coronary artery disease patients receiving optimal medical therapy. <i>Atherosclerosis</i> , 2011, 216, 120-124.	0.8	10
60	Sitagliptin on carotid intima-media thickness in type 2 diabetes patients receiving primary or secondary prevention of cardiovascular disease: A subgroup analysis of the PROLOGUE study. <i>International Journal of Cardiology</i> , 2018, 271, 331-335.	1.7	10
61	Comparison of effects of aldosterone receptor antagonists spironolactone and eplerenone on cardiovascular outcomes and safety in patients with acute decompensated heart failure. <i>Heart and Vessels</i> , 2019, 34, 279-289.	1.2	10
62	Right ventricular three-dimensional echocardiography: the current status and future perspectives. <i>Journal of Echocardiography</i> , 2020, 18, 149-159.	0.8	10
63	Effect of febuxostat on left ventricular diastolic function in patients with asymptomatic hyperuricemia: a sub analysis of the PRIZE Study. <i>Hypertension Research</i> , 2022, 45, 106-115.	2.7	10
64	Optimal cut-off value of reverse remodeling to predict long-term outcome after cardiac resynchronization therapy in patients with ischemic cardiomyopathy. <i>Journal of Cardiology</i> , 2017, 69, 456-461.	1.9	9
65	Effect of Dipeptidyl Peptidase-4 Inhibitors on Cardiovascular Outcome and Cardiac Function in Patients With Diabetes and Heart Failure—Insights From the Ibaraki Cardiac Assessment Study-Heart Failure (ICAS-HF) Registry. <i>Circulation Journal</i> , 2017, 81, 1662-1669.	1.6	9
66	Effects and Safety of Sodium Glucose Cotransporter 2 Inhibitors in Diabetes Patients With Drug-Refractory Advanced Heart Failure. <i>Circulation Journal</i> , 2018, 82, 1959-1962.	1.6	9
67	Teneligliptin Prevents Cardiomyocyte Hypertrophy, Fibrosis, and Development of Hypertensive Heart Failure in Dahl Salt-Sensitive Rats. <i>Journal of Cardiac Failure</i> , 2018, 24, 53-60.	1.7	8
68	Prognostic Value of Energy Loss Coefficient for Predicting Asymptomatic Aortic Stenosis Outcomes: Direct Comparison With Aortic Valve Area. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 351-358.e3.	2.8	8
69	Elderly Japanese Standard Data of Echocardiography; From J-LONG study. <i>Journal of Echocardiography</i> , 2020, 18, 175-182.	0.8	8
70	The utility of fully automated real-time three-dimensional echocardiography in the evaluation of left ventricular diastolic function. <i>Journal of Cardiology</i> , 2015, 66, 50-56.	1.9	7
71	Prognostic implications in patients with symptomatic aortic stenosis and preserved ejection fraction: Japanese multicenter aortic stenosis, retrospective (JUST-R) registry. <i>Journal of Cardiology</i> , 2017, 69, 110-118.	1.9	7
72	Clinical implications of organ congestion in heart failure patients as assessed by ultrasonography. <i>Cardiovascular Diagnosis and Therapy</i> , 2018, 8, 57-69.	1.7	7

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73	Diastolic suction in heart failure: Impact of left ventricular geometry, untwist, and flow mechanics. <i>Life Sciences</i> , 2014, 102, 111-117.	4.3	6
74	Endothelial Dysfunction of Conduit Arteries in Patients with Repaired Coarctation of the Aorta. <i>International Heart Journal</i> , 2018, 59, 1340-1345.	1.0	6
75	Symptomatic paradoxical low gradient severe aortic stenosis: A possible link to heart failure with preserved ejection fraction. <i>Journal of Cardiology</i> , 2019, 73, 536-543.	1.9	6
76	Cardiology consultation in oncology practice: a 5-year survey. <i>Japanese Journal of Clinical Oncology</i> , 2020, 50, 1419-1425.	1.3	6
77	Usefulness of the SAGE score to predict elevated values of brachial-ankle pulse wave velocity in Japanese subjects with hypertension. <i>Hypertension Research</i> , 2020, 43, 1284-1292.	2.7	6
78	Comparison of Outcomes in Patients With Heart Failure With Versus Without Lead-Induced Tricuspid Regurgitation After Cardiac Implantable Electronic Devices Implantations. <i>American Journal of Cardiology</i> , 2020, 130, 85-93.	1.6	6
79	Association between serum urate level and carotid atherosclerosis: an insight from a post hoc analysis of the PRIZE randomised clinical trial. <i>RMD Open</i> , 2022, 8, e002226.	3.8	6
80	Cardiac Resynchronization Therapy in a Patient With a Failing Systemic Right Ventricle. <i>Canadian Journal of Cardiology</i> , 2015, 31, 819.e5-819.e7.	1.7	5
81	Reversible aortic valve stenosis with Löffler endocarditis. <i>European Heart Journal</i> , 2018, 39, 2332-2332.	2.2	5
82	End-systolic and end-diastolic left atrial volume assessment by two-dimensional echocardiography: a comparison study with magnetic resonance imaging. <i>Journal of Echocardiography</i> , 2010, 8, 52-58.	0.8	4
83	Association Between Waist-to-Height Ratio and Endothelial Dysfunction in Patients With Morbidity. A Report From the FMD-J Study. <i>Circulation Journal</i> , 2017, 81, 1911-1918.	1.6	4
84	Left Ventricular Longitudinal Strain as a Marker for Point of No Return in Hypertensive Heart Failure Treatment. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 226-233.e1.	2.8	4
85	Right bundle branch block and risk of cardiovascular mortality: the Ibaraki Prefectural Health Study. <i>Heart and Vessels</i> , 2021, , 1.	1.2	4
86	Chronic obstructive pulmonary disease: Pathophysiological impact on heart failure in real clinical situation. <i>Journal of Cardiology</i> , 2014, 64, 250-252.	1.9	3
87	Assessment and Treatment of Systemic Right Ventricular Dyssynchrony. <i>Circulation Journal</i> , 2015, 79, 519-521.	1.6	3
88	Double orifice mitral valve combined with left ventricular noncompaction in a child with Sotos syndrome. <i>Journal of Cardiology Cases</i> , 2015, 11, 88-90.	0.5	3
89	A Long-Term Survivor with Tetralogy of Fallot Treated Only with the Classical Blalock-Taussig Shunt. <i>Case Reports in Cardiology</i> , 2018, 2018, 1-4.	0.2	3
90	Effect of Asymptomatic Severe Aortic Stenosis on Outcomes of Individuals Aged 80 and Older. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1800-1804.	2.6	3

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91	Differential effect of concomitant antidiabetic agents on carotid atherosclerosis: a subgroup analysis of the PROLOGUE study. <i>Heart and Vessels</i> , 2019, 34, 375-384.	1.2	3
92	Rationale, Design, and Feasibility of a Prospective Multicenter Registry Study of Anthracycline-Induced Cardiotoxicity (AIC Registry). <i>Journal of Clinical Medicine</i> , 2021, 10, 1370.	2.4	3
93	Deep Learning Brings New Era in Echocardiography. <i>Circulation Journal</i> , 2021, , .	1.6	3
94	Features of Lead-Induced Tricuspid Regurgitation in Patients With Heart Failure Events After Cardiac Implantation of Electronic Devices—A Three-Dimensional Echocardiographic Study. <i>Circulation Journal</i> , 2020, 84, 2302-2311.	1.6	3
95	Wave intensity as a useful modality for assessing ventilation-perfusion imbalance in subclinical patients with hypertension. <i>Heart and Vessels</i> , 2018, 33, 931-938.	1.2	2
96	Left Ventricular Mass Influences Relationship Between Filling Pressure and Early-Diastolic Ratio of Inflow Velocity to Mitral Annular Velocity (E/e'). <i>Circulation Journal</i> , 2018, 82, 732-738.	1.6	2
97	Clinical impacts of changes of renal function during hospitalization depend on grades of renal dysfunction in acute decompensated heart failure. <i>Heart and Vessels</i> , 2020, 35, 509-520.	1.2	2
98	The impact of right bundle branch block on right ventricular size and function assessed by three-dimensional speckle-tracking echocardiography. <i>Heart and Vessels</i> , 2020, 35, 576-585.	1.2	2
99	Left atrial regional strain assessed by novel dedicated three-dimensional speckle tracking echocardiography. <i>Journal of Cardiology</i> , 2021, 78, 517-523.	1.9	2
100	Echocardiography image quality of global longitudinal strain in cardio-oncology: a prospective real-world investigation. <i>Journal of Echocardiography</i> , 2022, 20, 159-165.	0.8	2
101	Pathophysiological role of right ventricular function and interventricular functional mismatch in the development of pulmonary edema in acute heart failure. <i>Journal of Cardiology</i> , 2022, 79, 711-718.	1.9	2
102	Triventricular pacing improved dyssynchrony in heart failure patient with right-bundle branch block and left anterior fascicular block. <i>Journal of Cardiology Cases</i> , 2014, 9, 158-161.	0.5	1
103	The Vicious Combination of Left Ventricular Diastolic Dysfunction and Frailty. <i>Circulation Journal</i> , 2018, 82, 1994-1995.	1.6	1
104	3-Dimensional Speckle-Tracking Echocardiography-Derived Interventricular Activation Imaging in a Patient With Repaired Tetralogy of Fallot. <i>JACC: Case Reports</i> , 2020, 2, 1575-1577.	0.6	1
105	Intervendor variability of carotid intima-media thickness measurement: validation study using newly developed ultrasound phantom. <i>Journal of Medical Ultrasonics (2001)</i> , 2020, 47, 155-165.	1.3	1
106	Dramatic Recovery from Cardiovascular Collapse: Paclitaxel as an Urgent Treatment for Primary Cardiac Angiosarcoma. <i>Internal Medicine</i> , 2021, 60, 67-71.	0.7	1
107	Reply to: Increased risk of thromboembolic events in adult congenital heart disease patients with atrial tachyarrhythmias: Bias due to the data sparsity. <i>International Journal of Cardiology</i> , 2017, 247, 51.	1.7	0
108	What We Know and What We Don't Know About the Adaptation to Pregnancy and Left Ventricular Diastolic Dysfunction. <i>Circulation Journal</i> , 2019, 83, 2205-2207.	1.6	0

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109	Embolization of the Deep Vein Thrombus During Ultrasound Examination. JACC: Case Reports, 2020, 2, 2310-2311.	0.6	0
110	Intervendor Variability of Carotid Intima-Media Thickness Measurement: Validation Study using Newly Developed Ultrasound Phantom. Choonpa Igaku, 2021, 48, 81-90.	0.0	0
111	Visualization of an Accessory Pathway by 3D High-Density Mapping: A Case of Ebstein Anomaly With Atrioventricular Re-entrant Tachycardia. CJC Open, 2021, 3, 827-830.	1.5	0
112	The determinants of plasma brain natriuretic peptide level in severe aortic valve stenosis patients undergoing transcatheter aortic valve implantation. Journal of Cardiology, 2021, 78, 413-422.	1.9	0
113	Abstract 18017: Validations for the Reliability of a Dedicated 3-Dimensional Speckle Tracking Imaging System for Right Ventricular Function Analysis. Circulation, 2014, 130, .	1.6	0
114	Successful surgical resection plus surgical cryoablation for the treatment of a large left ventricular fibroma. Journal of Cardiac Surgery, 2022, , .	0.7	0
115	Clinical Characteristics of Non-Valvular Atrial Fibrillation Patients With a Large Left Atrial Appendage Ostium-Limiting Percutaneous Closure. Circulation Journal, 2022, , .	1.6	0