## Integrated Mechanism for Functional Mitral Regurgitat

Circulation 96, 1826-1834 DOI: 10.1161/01.cir.96.6.1826

Citation Report

#	Article	IF	CITATIONS
1	Heart valve dynamics. Annals of Biomedical Engineering, 1997, 25, S-19.	1.3	2
2	Quantification of mitral and tricuspid regurgitation by the proximal flow convergence method using two-dimensional colour Doppler and colour Doppler M-mode:. International Journal of Cardiology, 1998, 66, 299-307.	0.8	16
3	MANAGEMENT OF MITRAL REGURGITATION. Cardiology Clinics, 1998, 16, 421-435.	0.9	11
4	Estimation of Mitral Regurgitation with a Hemielliptic Curve-Fitting Algorithm: In Vitro Experiments with Native Mitral Valvesa †a †a †a …a … Journal of the American Society of Echocardiography, 1998, 11, 322	- <del>33</del> 1.	24
5	Mitral Annular Dilatation and Papillary Muscle Dislocation Without Mitral Regurgitation in Sheep. Circulation, 1999, 100, II-95-II-102.	1.6	31
6	Mechanism of dynamic regurgitant orifice area variation in functional mitral regurgitation. Journal of the American College of Cardiology, 1999, 33, 538-545.	1.2	140
7	Chordal force distribution determines systolic mitral leaflet configuration and severity of functional mitral regurgitation. Journal of the American College of Cardiology, 1999, 33, 843-853.	1.2	71
9	Coordinate-Free Analysis of Mitral Valve Dynamics in Normal and Ischemic Hearts. Circulation, 2000, 102, III-62-III-69.	1.6	48
10	Ring annuloplasty prevents delayed leaflet coaptation and mitral regurgitation during acute left ventricular ischemia. Journal of Thoracic and Cardiovascular Surgery, 2000, 119, 774-783.	0.4	35
11	Reduced early diastolic inflow velocities in the antero-posterior transverse direction in the left ventricle of patients with dilated cardiomyopathy. International Journal of Cardiovascular Imaging, 2000, 16, 43-48.	0.2	1
12	Three-dimensional echocardiographic assessment of annular shape changes in the normal and regurgitant mitral valve. American Heart Journal, 2000, 139, 378-387.	1.2	178
13	Mechanism of ischemic mitral regurgitation with segmental left ventricular dysfunction: three-dimensional echocardiographic studies in models of acute and chronic progressive regurgitation. Journal of the American College of Cardiology, 2001, 37, 641-648.	1.2	292
14	Relationship between mitral regurgitation and myocardial viability after acute myocardial infarction: their impact on prognosis. International Journal of Cardiology, 2001, 78, 81-90.	0.8	12
15	Mitral ring annuloplasty: An incomplete correction of functional mitral regurgitation associated with left ventricular remodeling. Current Cardiology Reports, 2001, 3, 241-246.	1.3	31
16	Improved In Vitro Quantification of the Force Exerted by the Papillary Muscle on the Left Ventricular Wall: Three-Dimensional Force Vector Measurement System. Annals of Biomedical Engineering, 2001, 29, 406-413.	1.3	46
17	Pathogenesis of Mitral Regurgitation in Tachycardia-Induced Cardiomyopathy. Circulation, 2001, 104, I-47-I-53.	1.6	49
18	Detection and significance of subclinical mitral regurgitation by colour Doppler techniques. British Heart Journal, 2001, 85, 369-370.	2.2	5
19	Left Ventricular Remodeling and Functional Mitral Regurgitation: Mechanisms and Therapy. Seminars in Thoracic and Cardiovascular Surgery, 2001, 13, 486-495.	0.4	10

ιτλτιώνι Ρερώ

# 20	ARTICLE Assessment of mitral regurgitation. Heart, 2002, 88, 11iv-19.	lF 1.2	Citations 33
21	Mechanism of Incomplete Mitral Leaflet Coaptation—Interaction of Chordal Restraint and Changes in Mitral Leaflet Coaptation Geometry. Journal of Biomechanical Engineering, 2002, 124, 596-608.	0.6	33
22	Impact of Atrial Fibrillation on Tricuspid and Mitral Annular Dilatation and Valvular Regurgitation Circulation Journal, 2002, 66, 913-916.	0.7	121
23	The effects of mitral annuloplasty rings on mitral valve complex 3-D geometry during acute left ventricular ischemia. European Journal of Cardio-thoracic Surgery, 2002, 22, 808-816.	0.6	29
24	Mitral regurgitation following acute myocardial infarction. Coronary Artery Disease, 2002, 13, 337-344.	0.3	71
25	Isolated annular dilation does not usually cause important functional mitral regurgitation. Journal of the American College of Cardiology, 2002, 39, 1651-1656.	1.2	229
26	Surface Strains in the Anterior Leaflet of the Functioning Mitral Valve. Annals of Biomedical Engineering, 2002, 30, 1281-1290.	1.3	130
27	Pro: Single-plane echocardiography provides an accurate and adequate examination of the native mitral valve. Journal of Cardiothoracic and Vascular Anesthesia, 2002, 16, 508-514.	0.6	11
28	Septal-lateral annular cinching abolishes acute ischemic mitral regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2002, 123, 881-888.	0.4	76
29	Ventricular remodeling and mitral valve modifications in dilated cardiomyopathy: New insights from anatomic study. Journal of Thoracic and Cardiovascular Surgery, 2002, 124, 1216-1224.	0.4	174
30	Mechanism of mitral regurgitation in inferior wall acute myocardial infarction. American Journal of Cardiology, 2002, 90, 306-309.	0.7	23
31	Mechanistic insights into functional mitral regurgitation. Current Cardiology Reports, 2002, 4, 125-129.	1.3	89
32	lschemia in three left ventricular regions: Insights into the pathogenesis of acute ischemic mitral regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2003, 125, 559-569.	0.4	46
35	Leaflet concavity: a rapid visual clue to the presence and mechanism of functional mitral regurgitation. Journal of the American Society of Echocardiography, 2003, 16, 1301-1308.	1.2	56
36	Heart Failure. New England Journal of Medicine, 2003, 348, 2007-2018.	13.9	1,692
37	Determinants of exercise-induced changes in mitral regurgitation in patients with coronary artery disease and left ventricular dysfunction. Journal of the American College of Cardiology, 2003, 42, 1921-1928.	1.2	241
39	Acute effects of cardiac resynchronization therapy on functional mitral regurgitation in advanced systolic heart failure. Journal of the American College of Cardiology, 2003, 41, 765-770.	1.2	464
41	Annuloplasty ring selection for chronic ischemic mitral regurgitation: lessons from the ovine model. Annals of Thoracic Surgery, 2003, 76, 1556-1563.	0.7	128

#	Article	IF	Citations
42	Echocardiographic classification of chronic ischemic mitral regurgitation caused by restricted motion according to tethering pattern. European Journal of Echocardiography, 2004, 5, 326-334.	2.3	168
43	Ischemic Mitral Regurgitation during Temporary Coronary-Artery Ligation. New England Journal of Medicine, 2004, 350, 2424-2425.	13.9	10
44	The Role of Ischemic Mitral Regurgitation in the Pathogenesis of Acute Pulmonary Edema. New England Journal of Medicine, 2004, 351, 1627-1634.	13.9	272
45	Comparison of B-type natriuretic peptide levels in patients with heart failure with versus without mitral regurgitation. American Journal of Cardiology, 2004, 93, 1002-1006.	0.7	38
46	Fluid Mechanics of Heart Valves. Annual Review of Biomedical Engineering, 2004, 6, 331-362.	5.7	314
47	Current status of cardiac resynchronization therapy. Current Opinion in Anaesthesiology, 2004, 17, 75-83.	0.9	2
48	Pathophysiology and Percutaneous Coronary Sinus Repair of Mitral Regurgitation. , 2005, , 49-68.		0
49	Effect of Dynamic Left Ventricular Dyssynchrony on Dynamic Mitral Regurgitation in Patients With Heart Failure Due to Coronary Artery Disease. American Journal of Cardiology, 2005, 96, 1304-1307.	0.7	67
50	Heart Failure Following Anterior Myocardial Infarction: An Indication for Ventricular Restoration, a Surgical Method to Reverse Post-Infarction Remodeling. Heart Failure Reviews, 2005, 9, 241-254.	1.7	9
51	Downsizing of the mitral valve and coronary revascularization in severe ischemic mitral regurgitation results in reverse left ventricular and left atrial remodeling. European Journal of Cardio-thoracic Surgery, 2005, 27, 1011-1016.	0.6	63
52	The non-ischaemic dynamics of ischaemic mitral regurgitation: solving the paradoxThe opinions expressed in this article are not necessarily those of the Editors of the European Heart Journal or of the European Society of Cardiology European Heart Journal, 2005, 26, 1454-1455.	1.0	13
53	Exercise-induced changes in mitral regurgitation in patients with prior myocardial infarction and left ventricular dysfunction: relation to mitral deformation and left ventricular function and shape. European Heart Journal, 2005, 26, 1860-1865.	1.0	62
54	Ischemic mitral valve repair: Correlations between the mechanisms of mitral regurgitation and left ventricular function prior to and following surgery. Scandinavian Cardiovascular Journal, 2005, 39, 182-188.	0.4	2
55	Ischemic Mitral Regurgitation: Impact of the Left Ventricle and Mitral Valve in Patients with Left Ventricular Systolic Dysfunction. Annals of Thoracic Surgery, 2005, 80, 170-178.	0.7	67
56	Subvalvular Alterations Promote Increased Mitral Valve Regurgitation in Progressive Dilated Cardiomyopathy. Journal of Cardiac Failure, 2005, 11, 343-350.	0.7	9
57	Intraventricular Dyssynchrony May Play a Role in the Development of Mitral Regurgitation in Dilated Cardiomyopathy. Journal of Cardiac Failure, 2005, 11, 631-637.	0.7	29
58	Quantitation of mitral valve tenting in ischemic mitral regurgitation by transthoracic real-time three-dimensional echocardiography. Journal of the American College of Cardiology, 2005, 45, 763-769.	1.2	184
59	Papillary Muscle Dysfunction Attenuates Ischemic Mitral Regurgitation in Patients With Localized Basal Inferior Left Ventricular Remodeling. Journal of the American College of Cardiology, 2005, 46, 113-119.	1.2	78

#	Article	IF	CITATIONS
60	Improved Papillary Muscle Function Attenuates Functional Mitral Regurgitation in Patients with Dilated Cardiomyopathy After Cardiac Resynchronization Therapy. Journal of the American Society of Echocardiography, 2006, 19, 1150-1157.	1.2	32
61	Geometric Differences of the Mitral Valve Tenting Between Anterior and Inferior Myocardial Infarction with Significant Ischemic Mitral Regurgitation: Quantitation by Novel Software System with Transthoracic Real-time Three-dimensional Echocardiography. Journal of the American Society of Echocardiography. 2006, 19, 71-75.	1.2	112
62	Autologous Myoblast Transplantation for Chronic Ischemic Mitral Regurgitation. Journal of the American College of Cardiology, 2006, 47, 2086-2093.	1.2	27
63	Mitral Regurgitation After Myocardial Infarction: A Review. American Journal of Medicine, 2006, 119, 103-112.	0.6	155
64	Chronic Ischemic Mitral Regurgitation: Repair, Replace or Rethink?. Annals of Thoracic Surgery, 2006, 81, 1153-1161.	0.7	202
65	Effects of Annular Size, Transmitral Pressure, and Mitral Flow Rate on the Edge-To-Edge Repair: An In Vitro Study. Annals of Thoracic Surgery, 2006, 82, 1362-1368.	0.7	44
66	Preoperative and Late Postoperative Mitral Regurgitation in Ventricular Reconstruction: Role of Local Left Ventricular Deformation. Annals of Thoracic Surgery, 2006, 82, 2102-2109.	0.7	15
67	The echocardiographic determinants of functional mitral regurgitation differ in ischemic and non-ischemic cardiomyopathy. International Journal of Cardiology, 2006, 108, 171-176.	0.8	51
68	Dynamics of Mitral Complex Geometry and Functional Mitral Regurgitation During Heart Failure Treatment. Journal of Echocardiography, 2006, 4, 51-58.	0.4	10
69	Functional mitral regurgitation in heart failure. Journal of Cardiovascular Medicine, 2006, 7, 514-523.	0.6	8
70	Biaixal Stress–Stretch Behavior of the Mitral Valve Anterior Leaflet at Physiologic Strain Rates. Annals of Biomedical Engineering, 2006, 34, 315-325.	1.3	159
72	Determination of the pressure required to cause mitral valve failure. Medical Engineering and Physics, 2006, 28, 36-41.	0.8	16
73	Mechanism of Diastolic Mitral Regurgitation in Candidates for Cardiac Resynchronization Therapy. American Journal of Cardiology, 2006, 97, 1611-1614.	0.7	27
74	Determinants of the Severity of Functional Tricuspid Regurgitation. American Journal of Cardiology, 2006, 98, 236-242.	0.7	162
75	Value of Mitral Valve Tenting Volume Determined by Real-Time Three-Dimensional Echocardiography in Patients With Functional Mitral Regurgitation. American Journal of Cardiology, 2006, 98, 1088-1093.	0.7	53
76	Effects of cardiac resynchronization therapy on the mechanisms underlying functional mitral regurgitation in congestive heart failure. European Journal of Echocardiography, 2006, 7, 31-39.	2.3	52
77	Contractile response and mitral regurgitation after temporary interruption of long-term cardiac resynchronization therapy. European Heart Journal, 2006, 27, 187-192.	1.0	62
78	Myocardial asynchronism is a determinant of changes in functional mitral regurgitation severity during dynamic exercise in patients with chronic heart failure due to severe left ventricular systolic dysfunction. European Heart Journal, 2006, 27, 679-683.	1.0	54

#	Article	IF	CITATIONS
79	Functional mitral regurgitation in acute coronary syndrome: what determines its prognostic impact?. European Heart Journal, 2006, 27, 2615-2616.	1.0	4
80	Cardiac resynchronisation therapy reduces functional mitral regurgitation during dynamic exercise in patients with chronic heart failure: an acute echocardiographic study. Heart, 2006, 92, 1091-1095.	1.2	34
81	Prognostic significance of functional mitral regurgitation after a first non-ST-segment elevation acute coronary syndrome. European Heart Journal, 2006, 27, 2655-2660.	1.0	64
82	Ischemic Mitral Regurgitation. Seminars in Cardiothoracic and Vascular Anesthesia, 2006, 10, 73-77.	0.4	19
83	Effect of dynamic myocardial dyssynchrony on mitral regurgitation during supine bicycle exercise stress echocardiography in patients with idiopathic dilated cardiomyopathy and 'narrow' QRS. European Heart Journal, 2007, 28, 1004-1011.	1.0	60
84	Early and late effects of cardiac resynchronization therapy on exercise-induced mitral regurgitation: relationship with left ventricular dyssynchrony, remodelling and cardiopulmonary performance. European Heart Journal, 2007, 28, 2134-2141.	1.0	57
85	Functional mitral regurgitation after a first non-ST-segment elevation acute coronary syndrome: contribution to congestive heart failure. European Heart Journal, 2007, 28, 2866-2872.	1.0	37
86	Geometric predictor of significant mitral regurgitation in patients with severe ischemic cardiomyopathy, undergoing Dor procedure: A real-time 3D echocardiographic study. European Journal of Echocardiography, 2007, 8, 195-203.	2.3	22
87	Effects of surgery on ischaemic mitral regurgitation: A prospective multicenter registry (SIMRAM) Tj ETQq0 0 0	rgBT /Over	lock 10 Tf 50
88	When and how does cardiac resynchronization therapy reduce dynamic mitral regurgitation?. European Heart Journal, 2007, 28, 2055-2056.	1.0	4
89	lschemic mitral regurgitation: Mechanisms and echocardiographic classification. European Journal of Echocardiography, 2007, 9, 207-21.	2.3	85
90	Left ventricular dyssynchrony and functional mitral regurgitation: two dynamic conditions. European Heart Journal, 2007, 28, 924-925.	1.0	10
91	Geometric Analysis of the Anterior Mitral Leaflet and Mitral Valve Orifice in Cadaveric Hearts. Circulation Journal, 2007, 71, 1794-1799.	0.7	15
92	A Prospective Study of Predicting Factors in Ischemic Mitral Regurgitation Recurrence After Ring Annuloplasty. Annals of Thoracic Surgery, 2007, 84, 745-749.	0.7	90
93	Efficacy of the Edge-to-Edge Repair in the Setting of a Dilated Ventricle: An In Vitro Study. Annals of Thoracic Surgery, 2007, 84, 1578-1584.	0.7	21
94	Intraoperative Transesophageal Echocardiography Using a Quantitative Dynamic Loading Test for the Evaluation of Ischemic Mitral Regurgitation. Journal of the American Society of Echocardiography, 2007, 20, 690-697.	1.2	37
95	Efficacy of chordal cutting in alleviating ischemic mitral regurgitation: insights from 3-dimensional echocardiography. Journal of Cardiothoracic Surgery, 2007, 2, 39.	0.4	6

06	Effect of mitral value geometry on value competence, Heart and Vessels, 2007, 22, 109-115	0.5	94
90	Effect of mitral valve geometry on valve competence. Heart and vessels, 2007, 22, 107 115.	0.0	24

#	Article	IF	CITATIONS
97	The effect of left bundle branch block on left ventricular remodeling, dyssynchrony and deformation of the mitral valve apparatus: an observational cardiovascular magnetic resonance imaging study. International Journal of Cardiovascular Imaging, 2007, 23, 529-536.	0.7	25
98	Effects of cardiac resynchronization therapy on ventricular remodeling. Current Heart Failure Reports, 2008, 5, 25-30.	1.3	10
99	Cardiac Correlates of Exercise Induced Pulmonary Hypertension in Patients with Chronic Heart Failure Due to Left Ventricular Systolic Dysfunction. Echocardiography, 2008, 25, 386-393.	0.3	18
100	Mitral Regurgitation and Cardiac Resynchronization Therapy. Echocardiography, 2008, 25, 1155-1166.	0.3	24
101	Exercise-Induced Changes of Functional Mitral Regurgitation in Asymptomatic or Mildly Symptomatic Patients With Idiopathic Dilated Cardiomyopathy. American Journal of Cardiology, 2008, 102, 481-485.	0.7	20
102	Cleft closure and undersizing annuloplasty improve mitral repair in atrioventricular canal defects. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 1243-1249.	0.4	17
103	Mechanism of ischemic mitral regurgitation. Journal of Cardiology, 2008, 51, 145-156.	0.8	82
104	Insuffisance mitrale ischémique. Archives Des Maladies Du Coeur Et Des Vaisseaux - Pratique, 2008, 2008, 9-10.	0.0	0
105	Geometry of the proximal isovelocity surface area in mitral regurgitation by 3-dimensional color Doppler echocardiography: Difference between functional mitral regurgitation and prolapse regurgitation. American Heart Journal, 2008, 155, 231-238.	1.2	128
106	Surgery for Severe Mitral Regurgitation and Left Ventricular Failure: What Do We Really Know?. Journal of Cardiac Failure, 2008, 14, 145-150.	0.7	16
107	Left Ventricular Abnormal Response During Dynamic Exercise in Patients With Heart Failure and Preserved Left Ventricular Ejection Fraction at Rest. Journal of Cardiac Failure, 2008, 14, 475-480.	0.7	82
108	Mitral Leaflet Adaptation to Ventricular Remodeling. Circulation, 2008, 118, 845-852.	1.6	240
109	A Novel Approach for Reducing Ischemic Mitral Regurgitation by Injection of a Polymer to Reverse Remodel and Reposition Displaced Papillary Muscles. Circulation, 2008, 118, S263-9.	1.6	31
110	Effects of acute ischemic mitral regurgitation on three-dimensional mitral leaflet edge geometryâ~†â~†â~†. European Journal of Cardio-thoracic Surgery, 2008, 33, 191-197.	0.6	8
111	Mechanical dyssynchrony and functional mitral regurgitation: pathophysiology and clinical implications. Journal of Cardiovascular Medicine, 2008, 9, 461-469.	0.6	9
112	Mechanism of Ischemic Mitral Regurgitation. Journal of Cardiovascular Imaging, 2008, 16, 1.	0.8	3
113	Mechanisms of valve competency after mitral valve annuloplasty for ischaemic mitral regurgitation using the Geoform ring: insights from three-dimensional echocardiography. European Journal of Echocardiography, 2009, 10, 74-81.	2.3	13
114	Ischaemic mitral regurgitation: mechanisms and diagnosis. Heart, 2009, 95, 1711-1718.	1.2	42

#	Article	IF	CITATIONS
115	Active Adaptation of the Tethered Mitral Valve. Circulation, 2009, 120, 334-342.	1.6	273
116	Mitral valve hemodynamics after repair of acute posterior leaflet prolapse: Quadrangular resection versus triangular resection versus neochordoplasty. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 309-315.	0.4	81
117	A Dynamic Heart System to Facilitate the Development of Mitral Valve Repair Techniques. Annals of Biomedical Engineering, 2009, 37, 651-660.	1.3	33
118	Real-time three-dimensional echocardiographic evaluation of the mitral valve. Current Cardiovascular Imaging Reports, 2009, 2, 375-382.	0.4	1
119	Mitral Regurgitation Associated with Mitral Annular Dilation in Patients with Lone Atrial Fibrillation: An Echocardiographic Study. Echocardiography, 2009, 26, 885-889.	0.3	101
120	Determination of the mitral papillary muscle positions by the septalâ€ŧoâ€free wall arc ratio method. Clinical Physiology and Functional Imaging, 2009, 29, 181-186.	0.5	9
121	Functional Mitral Regurgitation at Rest Determines the Acute Hemodynamic Response to Cardiac Resynchronization Therapy During Exercise: An Acute Exercise Echocardiographic Study. Journal of the American Society of Echocardiography, 2009, 22, 464-471.	1.2	10
122	Continued Global Left Ventricular Remodeling Is Not the Sole Mechanism Responsible for the Late Recurrence of Ischemic Mitral Regurgitation after Restrictive Annuloplasty. Journal of the American Society of Echocardiography, 2009, 22, 1256-1264.	1.2	61
123	The Use of Exercise Echocardiography in the Evaluation of Mitral Regurgitation. Current Cardiology Reviews, 2009, 5, 312-322.	0.6	12
124	Exercise-Induced Changes of Functional Mitral Regurgitation in Asymptomatic or Mildly Symptomatic Patients With Idiopathic Dilated Cardiomyopathy. Yearbook of Cardiology, 2009, 2009, 440-442.	0.0	0
125	Response of Two Annular Prostheses to Functional Mitral Regurgitation Main Determinants: An In Vitro Evaluation. ASAIO Journal, 2010, 56, 491-496.	0.9	5
127	Ischemic Mitral Regurgitation: Unusual Approaches for Correction. Current Cardiovascular Imaging Reports, 2010, 3, 396-402.	0.4	0
128	A Simplified Echocardiographic Measurements of Direct Effects of Restrictive Annuloplasty on Mitral Valve Geometry. Echocardiography, 2010, 27, 931-936.	0.3	10
129	Beat-rate Dependent Mitral Flow Patterns for in Vitro Hemodynamic Applications. International Journal of Artificial Organs, 2010, 33, 868-876.	0.7	0
130	A Novel Approach to the In Vitro Hydrodynamic Study of the Aortic Valve: Mock Loop Development and Test. ASAIO Journal, 2010, 56, 279-284.	0.9	28
131	Ischaemic mitral regurgitation: pathophysiology, outcomes and the conundrum of treatment. European Heart Journal, 2010, 31, 2996-3005.	1.0	113
132	Polymer Injection Therapy to Reverse Remodel the Papillary Muscles. Circulation: Cardiovascular Interventions, 2010, 3, 499-505.	1.4	16
133	Elevated left atrial pressure estimated by Doppler echocardiography is a key determinant of mitral valve tenting in functional mitral regurgitation. Heart, 2010, 96, 289-297.	1.2	33

#	Article	IF	CITATIONS
134	Relief of Mitral Leaflet Tethering Following Chronic Myocardial Infarction by Chordal Cutting Diminishes Left Ventricular Remodeling. Circulation: Cardiovascular Imaging, 2010, 3, 679-686.	1.3	36
135	Stress echocardiography for selecting potential responders to cardiac resynchronisation therapy. Heart, 2010, 96, 1142-1146.	1.2	14
136	Chronic ischaemic mitral regurgitation. Current treatment results and new mechanism-based surgical approachesâ~†. European Journal of Cardio-thoracic Surgery, 2010, 37, 170-185.	0.6	88
137	Impact of reduction in early- and late-systolic functional mitral regurgitation on reverse remodelling after cardiac resynchronization therapy. European Heart Journal, 2010, 31, 2359-2368.	1.0	30
138	Changes in functional mitral regurgitation after cardiac resynchronization therapy. European Heart Journal, 2010, 31, 2323-2325.	1.0	1
139	Different Determinants of Improvement of Early and Late Systolic Mitral Regurgitation Contributed after Cardiac Resynchronization Therapy. Journal of the American Society of Echocardiography, 2010, 23, 1160-1167.	1.2	5
140	Mechanistic Insights into Ischemic Mitral Regurgitation: Echocardiographic and Surgical Implications. Journal of the American Society of Echocardiography, 2011, 24, 707-719.	1.2	107
141	Clinical significance of papillary muscle late enhancement detected via cardiac magnetic resonance imaging in patients with single old myocardial infarction. International Journal of Cardiology, 2011, 146, 73-79.	0.8	27
142	Another Multidisciplinary Look at Ischemic Mitral Regurgitation. Seminars in Thoracic and Cardiovascular Surgery, 2011, 23, 220-231.	0.4	14
143	Surgical Treatment of Chronic Heart Failure. , 2011, , 802-817.		0
144	A Pulsatile Simulator for the <i>in Vitro Analysis of the Mitral Valve with Tri-Axial Papillary Muscle Displacement</i> . International Journal of Artificial Organs, 2011, 34, 383-391.	0.7	23
145	Supraventricular tachycardia causing heart failure. Current Opinion in Cardiology, 2011, 26, 261-269.	0.8	32
146	Acute Mitral Regurgitation After Acute Myocardial Infarction in a Patient With a Patent Foramen Ovale: Review of the Diagnosis and Management of Acute Ischemic Mitral Regurgitation. American Journal of Therapeutics, 2011, 18, e191-e196.	0.5	0
147	Surgical treatment of functional mitral regurgitation in dilated cardiomyopathy. Journal of the Saudi Heart Association, 2011, 23, 125-134.	0.2	5
148	Relation Between Left Ventricular Morphology and Reduction in Functional Mitral Regurgitation by Cardiac Resynchronization Therapy in Patients With Idiopathic Dilated Cardiomyopathy. American Journal of Cardiology, 2011, 108, 1327-1334.	0.7	16
149	Mitral valve repair for severe mitral regurgitation secondary to lone atrial fibrillation. European Journal of Cardio-thoracic Surgery, 2012, 42, 634-637.	0.6	45
150	Examination of mitral regurgitation with a goat heart model for the development of intelligent artificial papillary muscle. , 2012, 2012, 6649-52.		2
151	Comprehensive Annular and Subvalvular Repair of Chronic Ischemic Mitral Regurgitation Improves Long-Term Results With the Least Ventricular Remodeling. Circulation, 2012, 126, 2720-2727.	1.6	39

#	Article	IF	CITATIONS
152	Biomechanical assessment of surgical repair of the mitral valve. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2012, 226, 275-287.	1.0	15
153	Peak Mechanical Loads Induced in the In Vitro Edge-to-Edge Repair of Posterior Leaflet Flail. Annals of Thoracic Surgery, 2012, 94, 1446-1453.	0.7	12
154	Effect of anterior strut chordal transection on the force distribution on the marginal chordae of the mitral valve. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 624-633.e2.	0.4	21
155	Percutaneous Edge-to-Edge Repair of Mitral Regurgitation: echocardiographic road map for patient selection and timing for intervention. Journal of Cardiovascular Echography, 2012, 22, 166-173.	0.1	0
156	Annulus tension of the prolapsed mitral valve corrected by edge-to-edge repair. Journal of Biomechanics, 2012, 45, 562-568.	0.9	16
157	Mitral Valve Diseases. , 2012, , 15-135.		0
158	Assessment of Mitral Valve Complex by Three-Dimensional Echocardiography: Therapeutic Strategy for Functional Mitral Regurgitation. Journal of Cardiovascular Imaging, 2012, 20, 69.	0.8	2
159	Assessment of mitral regurgitation by stress echocardiography. Sang Thrombose Vaisseaux, 2012, 24, 183-188.	0.1	0
160	Anatomy of the Mitral Valve Apparatus. Cardiology Clinics, 2013, 31, 151-164.	0.9	104
161	Mechanisms of Functional Mitral Regurgitation in Ischemic Cardiomyopathy Determined by Transesophageal Echocardiography (from the Surgical Treatment for Ischemic Heart Failure Trial). American Journal of Cardiology, 2013, 112, 1812-1818.	0.7	32
162	Echocardiographic Determinants of Ischemic Mitral Regurgitation. Journal of Cardiac Surgery, 2013, 28, 359-365.	0.3	6
163	Left ventricular dyssynchrony is associated with recurrence of ischemic mitral regurgitation after restrictive annuloplasty. International Journal of Cardiology, 2013, 168, 176-184.	0.8	5
164	Mitral Valve Enlargement in Chronic Aortic Regurgitation as a Compensatory Mechanism to Prevent Functional Mitral Regurgitation in the Dilated Left Ventricle. Journal of the American College of Cardiology, 2013, 61, 1809-1816.	1.2	77
165	New Concepts in Functional Mitral Regurgitation. Journal of the American College of Cardiology, 2013, 61, 1817-1819.	1.2	7
166	Ischemic Mitral Regurgitation. JACC: Cardiovascular Imaging, 2013, 6, 235-237.	2.3	1
167	Effects of Targeted Papillary Muscle Relocation on Mitral Leaflet Tenting and Coaptation. Annals of Thoracic Surgery, 2013, 95, 621-628.	0.7	14
168	Ischemic Mitral Regurgitation: An Intraoperative Echocardiographic Perspective. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 573-585.	0.6	18
169	In Patients with Post-Infarction Left Ventricular Dysfunction, How Does Impaired Basal Rotation Affect Chronic Ischemic Mitral Regurgitation?. Journal of the American Society of Echocardiography, 2013, 26, 1118-1129.	1.2	19

#	Article	IF	CITATIONS
170	Functional mitral regurgitation. International Journal of Cardiology, 2013, 163, 242-248.	0.8	26
171	Assessment of Mitral Valve Adaptation With Gated Cardiac Computed Tomography. Circulation: Cardiovascular Imaging, 2013, 6, 784-789.	1.3	56
172	Incremental value of global systolic dyssynchrony in determining the occurrence of functional mitral regurgitation in patients with left ventricular systolic dysfunction. European Heart Journal, 2013, 34, 767-774.	1.0	17
173	Mechanics of Healthy and Functionally Diseased Mitral Valves: A Critical Review. Journal of Biomechanical Engineering, 2013, 135, 021007.	0.6	26
174	Creation of Nonischemic Functional Mitral Regurgitation by Annular Dilatation and Nonplanar Modification in a Chronic In Vivo Swine Model. Circulation, 2013, 128, S263-70.	1.6	12
175	Functional mitral regurgitation after a first non-ST segment elevation acute coronary syndrome: very-long-term follow-up, prognosis and contribution to left ventricular enlargement and atrial fibrillation development. Heart, 2013, 99, 1502-1508.	1.2	8
176	Quantitation of the Mitral Tetrahedron in Patients With Ischemic Heart Disease Using Realâ€Time Threeâ€Dimensional Echocardiography to Evaluate the Geometric Determinants of Ischemic Mitral Regurgitation. Clinical Cardiology, 2013, 36, 286-292.	0.7	7
177	Criteria for Mitral Regurgitation Classification were inadequate for Dilated Cardiomyopathy. Arquivos Brasileiros De Cardiologia, 2013, 101, 457-65.	0.3	2
178	Echocardiographic assessment of ischemic mitral regurgitation. Cardiovascular Ultrasound, 2014, 12, 46.	0.5	41
179	Increased common atrioventricular valve tenting is a risk factor for progression to severe regurgitation in patients with a single ventricle with unbalanced atrioventricular septal defect. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2580-2588.	0.4	16
180	Intraoperative Transesophageal Echocardiography for Surgical Repair of Mitral Regurgitation. Journal of the American Society of Echocardiography, 2014, 27, 345-366.	1.2	42
181	Mechanisms of atrial mitral regurgitation: insights using 3D transoesophageal echo. European Heart Journal Cardiovascular Imaging, 2014, 15, 500-508.	0.5	68
182	Functional Mitral Regurgitation: Current Understanding andÂApproach to Management. Canadian Journal of Cardiology, 2014, 30, 173-180.	0.8	14
183	Temporal Changes in Interpapillary Muscle Dynamics as an Active Indicator of Mitral Valve and Left Ventricular Interaction in Ischemic Mitral Regurgitation. Journal of the American College of Cardiology, 2014, 64, 1867-1879.	1.2	73
184	Dynamic assessment of the changing geometry of the mitral apparatus in 3D could stratify abnormalities in functional mitral regurgitation and potentially guide therapy. International Journal of Cardiology, 2014, 176, 878-884.	0.8	14
185	Basic Mechanisms of Mitral Regurgitation. Canadian Journal of Cardiology, 2014, 30, 971-981.	0.8	51
186	Echocardiography of the Mitral Valve. Progress in Cardiovascular Diseases, 2014, 57, 55-73.	1.6	13
187	Can isolated annular dilatation cause significant ischemic mitral regurgitation? Another look at the causative mechanisms. Journal of Biomechanics, 2014, 47, 1792-1799.	0.9	8

#	Article	IF	CITATIONS
188	Functional mitral regurgitation: a 30-year unresolved surgical journey from valve replacement to complex valve repairs. Heart Failure Reviews, 2014, 19, 341-358.	1.7	14
189	Echocardiographic Evaluation of Coronary Artery Disease. Cardiovascular Medicine, 2015, , 217-252.	0.0	2
190	In Vitro Measurement of the Coaptation Force Distribution in Normal and Functional Regurgitant Porcine Mitral Valves. Journal of Biomechanical Engineering, 2015, 137, .	0.6	6
191	Mitral Valve Repair: An Echocardiographic Review: Part 1. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 156-177.	0.6	23
192	Predicting recurrent mitral regurgitation after mitral valve repair for severe ischemic mitral regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 752-761.e1.	0.4	181
193	Mitral Valve Repair: An Echocardiographic Review: Part 2. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 439-471.	0.6	27
194	Comparison of Transesophageal and Transthoracic Echocardiographic Measurements of Mechanism and Severity of Mitral Regurgitation in Ischemic Cardiomyopathy (from the Surgical Treatment of) Tj ETQq0 0 0 rg	gB <b>T.†</b> Overl	o <b>d</b> ø10 Tf 50
195	Percutaneous Intervention for Mitral Regurgitation. Heart Failure Clinics, 2015, 11, 243-259.	1.0	3
196	Load-dependent extracellular matrix organization in atrioventricular heart valves: differences and similarities. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H276-H284.	1.5	14
197	Isolated effect of geometry on mitral valve function for <i>in silico</i> model development. Computer Methods in Biomechanics and Biomedical Engineering, 2015, 18, 618-627.	0.9	8
198	Emerging Trends in Heart Valve Engineering: Part III. Novel Technologies for Mitral Valve Repair and Replacement. Annals of Biomedical Engineering, 2015, 43, 858-870.	1.3	35
199	The Mechanism of Mitral Regurgitation Influences the Temporal Dynamics of the Vena Contracta Area as Measured with Color Flow Doppler. Anesthesia and Analgesia, 2016, 122, 321-329.	1.1	14
200	Elongation of chordae tendineae as an adaptive process to reduce mitral regurgitation in functional mitral regurgitation. European Heart Journal Cardiovascular Imaging, 2016, 17, 500-509.	0.5	24
201	Ischemic Mitral Regurgitation Before and After CABG. , 2016, , 181-188.		0
202	Effect of Transcatheter Mitral Annuloplasty With the Cardioband Device on 3-Dimensional Geometry of the Mitral Annulus. American Journal of Cardiology, 2016, 118, 744-749.	0.7	15
203	Anticipating the Vicious Circle of Postinfarction Mitral Regurgitation. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	2
204	Functional mitral regurgitation in patients with heart failure and depressed ejection fraction. Current Opinion in Cardiology, 2016, 31, 483-492.	0.8	5
205	Role of cardiac dyssynchrony and resynchronization therapy in functional mitral regurgitation. European Heart Journal Cardiovascular Imaging, 2016, 17, 471-480.	0.5	49

#	Article	IF	CITATIONS
206	In vitro assessment of mitral valve function in cyclically pressurized porcine hearts. Medical Engineering and Physics, 2016, 38, 346-353.	0.8	20
207	Regurgitation Hemodynamics Alone Cause Mitral Valve Remodeling Characteristic of Clinical Disease States In Vitro. Annals of Biomedical Engineering, 2016, 44, 954-967.	1.3	17
208	Exercise Dynamics in Secondary Mitral Regurgitation. Circulation, 2017, 135, 297-314.	1.6	68
209	2017 ACC Expert Consensus DecisionÂPathway on the ManagementÂof Mitral Regurgitation. Journal of the American College of Cardiology, 2017, 70, 2421-2449.	1.2	107
210	Mitral Leaflet Changes Following Myocardial Infarction. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	50
211	Modelling of Lesions Associated with Functional Mitral Regurgitation in an Ex Vivo Platform. Annals of Biomedical Engineering, 2017, 45, 2324-2334.	1.3	8
212	Assessment of mitral valve geometric deformity in patients with ischemic heart disease using three-dimensional echocardiography. Egyptian Heart Journal, 2017, 69, 13-20.	0.4	5
213	A technical review of subvalvular techniques for repair of ischaemic mitral regurgitation and their associated echocardiographic and survival outcomes. Interactive Cardiovascular and Thoracic Surgery, 2017, 25, 975-982.	0.5	9
214	Surgical treatment of secondary mitral regurgitation: is repair a reasonable option?. Journal of Visualized Surgery, 2017, 3, 158-158.	0.2	4
215	Eliminating Regurgitation Reduces Fibrotic Remodeling of Functional Mitral Regurgitation Conditioned Valves. Annals of Biomedical Engineering, 2018, 46, 670-683.	1.3	4
216	Mitral Valve Regurgitation in the Contemporary Era. JACC: Cardiovascular Imaging, 2018, 11, 628-643.	2.3	144
217	How to differentiate functional from degenerative mitral regurgitation. Journal of Cardiovascular Medicine, 2018, 19, e75-e79.	0.6	1
218	Comparison of mitral competence after mitral repair with papillary muscle approximation versus papillary muscle relocation for functional mitral regurgitation. Heart and Vessels, 2018, 33, 72-79.	0.5	9
219	Mitral Valve Insufficiency, a Constituent of Left Atrial Myxoma: Pathobiology, Physiopathology, and Pathophysiology of Left Atrial Myxoma; Are Long-Term Results Still Feasible?. , 2018, , .		0
220	Ovine Model of Ischemic Mitral Regurgitation. Methods in Molecular Biology, 2018, 1816, 295-308.	0.4	8
221	Reassessing endothelial-to-mesenchymal transition in cardiovascular diseases. Nature Reviews Cardiology, 2018, 15, 445-456.	6.1	179
222	Mitral Valve Disease. , 2019, , 279-293.e1.		0
223	Papillary Muscle Dyssynchrony-Mediated Functional Mitral Regurgitation. JACC: Cardiovascular Imaging, 2019, 12, 1728-1737.	2.3	21

#	Article	IF	CITATIONS
224	The Normal Mitral Valve. , 2019, , 87-105.		0
226	Q-PULS, a new quasi-physiological pulsatile extracorporeal model to simulate heart function. Interactive Cardiovascular and Thoracic Surgery, 2019, 28, 819-825.	0.5	Ο
227	Extended Posterior Leaflet Augmentation for Ischemic Mitral Regurgitation ― Augmented Posterior Leaflet Snuggling up to Anterior Leaflet ―. Circulation Journal, 2019, 83, 567-575.	0.7	13
228	MitraClip: How Do We Reconcile the Inconsistent Findings of MITRA-FR and COAPT?. Current Cardiology Reports, 2019, 21, 150.	1.3	8
229	How and where the mitral valve leaks in functional mitral regurgitation. Medicine in Novel Technology and Devices, 2019, 2, 100017.	0.9	1
230	Left Ventricular Dyssynchrony andÂtheÂMitral Valve Apparatus. JACC: Cardiovascular Imaging, 2019, 12, 1738-1740.	2.3	2
231	Natural history of bivalvular functional regurgitation. European Heart Journal Cardiovascular Imaging, 2019, 20, 565-573.	0.5	9
232	Effect of Functional Mitral Regurgitation on Outcome in Patients Receiving Cardiac Resynchronization Therapy for Heart Failure. American Journal of Cardiology, 2019, 123, 75-83.	0.7	26
233	Diagnosis and Management of Ischemic Mitral Regurgitation: Evidence-Based Clinical Decision Making at the Point of Care. Seminars in Cardiothoracic and Vascular Anesthesia, 2019, 23, 268-281.	0.4	1
234	Subtypes of Atrial Functional MitralÂRegurgitation. JACC: Cardiovascular Imaging, 2020, 13, 820-835.	2.3	83
235	Functional mitral regurgitation. Current Opinion in Cardiology, 2020, 35, 464-473.	0.8	2
236	Left Ventricular Thinning and Distension in Pig Hearts as a Reproducible Ex Vivo Model of Functional Mitral Regurgitation. ASAIO Journal, 2020, 66, 1016-1024.	0.9	4
237	Ex Vivo Model of Functional Mitral Regurgitation Using Deer Hearts. Journal of Cardiovascular Translational Research, 2020, 14, 513-524.	1.1	2
238	Mitral valve regurgitation: a disease with a wide spectrum of therapeutic options. Nature Reviews Cardiology, 2020, 17, 807-827.	6.1	31
239	Attenuated Mitral Leaflet Enlargement Contributes to Functional Mitral Regurgitation After Myocardial Infarction. Journal of the American College of Cardiology, 2020, 75, 395-405.	1.2	33
240	A novel 3D-Printed preferential posterior mitral annular dilation device delineates regurgitation onset threshold in an ex vivo heart simulator. Medical Engineering and Physics, 2020, 77, 10-18.	0.8	20
241	MitraClip Treatment of Secondary Mitral Regurgitation in Heart Failure with Reduced Ejection Fraction: Lessons and Implications from Trials and Registries. Structural Heart, 2020, 4, 247-253.	0.2	5
242	Functional mitral regurgitation and cardiac resynchronization therapy in the "era―of trans-catheter interventions: Is it time to move from a staged strategy to a tailored therapy?. International Journal of Cardiology, 2020, 315, 15-21.	0.8	4

## # ARTICLE

243 The role of strut chordae in mitral valve competence during annular dilation. Perfusion (United) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 74

245	Commentary: The mitral valve and the left ventricle in functional mitral regurgitation: The puppet and the puppeteer. JTCVS Open, 2021, 5, 63-65.	0.2	0
246	Prognostic Value of Pre-operative Atrial Fibrillation in Patients With Secondary Mitral Regurgitation Undergoing MitraClip Implantation. American Journal of Cardiology, 2021, 143, 51-59.	0.7	8
247	Developing a machine learning model using isolated Society of Thoracic Surgeons database variables to predict the presence of clinically-significant ischemic mitral regurgitation. Journal of Medical Artificial Intelligence, 0, 4, 3-3.	1.1	0
248	Principal Morphomic and FunctionalÂComponents of Secondary MitralÂRegurgitation. JACC: Cardiovascular Imaging, 2021, 14, 2288-2300.	2.3	26
249	CMR predictors of secondary moderateÂtoÂsevere mitral regurgitation and its additive prognostic role in previous myocardial infarction. Journal of Cardiology, 2021, 79, 90-97.	0.8	0
250	Mitral Regurgitation in Patients Undergoing Noncardiac Surgery. Seminars in Cardiothoracic and Vascular Anesthesia, 2022, 26, 54-67.	0.4	3
251	Mitral Regurgitation. , 2009, , 221-246.		6
252	Mitral Valve Diseases. , 2007, , 397-430.		2
253	Valvular Regurgitation. , 2010, , 149-176.		4
254	Evaluation of Valvular Heart Disease by Echocardiography. , 2009, , 62-84.		3
256	Heart Valve Dynamics. , 2002, , 189-203.		2
257	Ex Vivo Study of Altered Mitral Apparatus Geometry in Functional Mitral Regurgitation. Heart Surgery Forum, 2010, 13, E172-E176.	0.2	6
258	Cirurgia da insuficiência mitral no tratamento da insuficiência cardÃaca avançada. Brazilian Journal of Cardiovascular Surgery, 2009, 24, 540-551.	0.2	6
259	Percutaneous Treatment of Mitral Regurgitation: Present and Future. Journal of the Minneapolis Heart Institute Foundation, 2017, 1, 113-123.	0.0	1
260	Left Ventricular Remodeling is Less While Left Atrial Remodeling is Greater in Inferior Compared to Anterior Myocardial Infarction: Importance of Ischemic Mitral Regurgitation. Journal of Echocardiography, 2004, 2, 43-48.	0.4	12
261	Ischemic Mitral Regurgitation: From New Understanding to New Solutions Role of Echocardiography. Journal of Echocardiography, 2006, 4, 1-18.	0.4	7
262	Different Mechanisms of Ischemic Mitral Regurgitation in Patients With Inferior and Anterior Myocardial Infarction. Journal of Echocardiography, 2008, 6, 74-83.	0.4	5

#	Article	IF	CITATIONS
263	Dynamic ischaemic mitral regurgitation and the role of stress echocardiography. Journal of Cardiovascular Echography, 2013, 23, 10.	0.1	4
264	Papillary Muscle Function Does Not Predict Mitral Regurgitation in Patients with Normal Left Ventricular Systolic Function: A Transesophageal Echocardiographic Study. International Journal of Clinical Medicine, 2011, 02, 178-183.	0.1	2
265	PERSISTENT AND RECURRENT ISCHEMIC MITRAL REGURGITATION. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2010, 154, 141-145.	0.2	1
266	Reverse remodeling and the mechanism of mitral regurgitation improvement in patients with dilated cardiomyopathy. Cardiology Journal, 2015, 22, 391-396.	0.5	3
267	Commentary: Subannular repair in secondary mitral regurgitation: Will this be our hero?. JTCVS Techniques, 2021, 10, 100-101.	0.2	0
268	Estudo comparativo do anel valvar mitral e do ventrÃeulo esquerdo na cardiomiopatia dilatada. Brazilian Journal of Cardiovascular Surgery, 2001, 16, .	0.2	2
269	Timing of Intervention for Chronic Valve Regurgitation: The Role of Echocardiography. , 2007, , 430-458.		2
270	Echocardiographic Evaluation of Coronary Artery Disease. , 2007, , 811-839.		0
272	Heart Valve Dynamics. , 2007, , 9-1-9-16.		0
274	Dynamic Change in the Mitral Valve Tenting as a Predictor of the Long-Term Prognosis in Patients With Decompensated Heart Failure. Journal of Echocardiography, 2008, 6, 15-20.	0.4	1
275	Ischemic Mitral Regurgitation. , 2009, , 260-273.		1
276	Major Subgroups at Presentation. , 2009, , 15-44.		0
277	Chronic Ischemic Mitral Regurgitation. , 2010, , 43-51.		1
278	Valvular Heart Disease in Heart Failure. , 2010, , 77-103.		0
280	Mechanism of ischemic mitral regurgitation evaluated by echocardiography. Choonpa Igaku, 2011, 38, 231-242.	0.0	0
281	Role of Mitral Valve Surgery in Surgical Ventricular Restoration for Left Ventricular Aneurysms. , 2012, , 131-144.		0
282	Diagnosis of ischemic mitral regurgitation and its medical treatment. Journal of the Japanese Coronary Association, 2012, 18, 221-225.	0.0	0
283	Tailored Approach to Functional Mitral Regurgitation. , 2013, , 317-333.		0

	CITATION RE	CITATION REPORT	
#	Article	IF	Citations
284	Functional Mitral Valve Insufficiency. , 2013, , 49-60.		0
285	LEFT VENTRICULAR REMODELLING AND MITRAL VALVE REMODELLING IN CORONARY HEART DISEASE PATIENTS WITH POST-SURGERY PROGRESSION OF MITRAL REGURGITATION. Cardiovascular Therapy and Prevention (Russian Federation), 2013, 12, 30-40.	0.4	1
286	Bioreactor and Biomaterial Platforms for Investigation of Mitral Valve Biomechanics and Mechanobiology. , 2014, , 95-106.		0
287	Koronare Mitralinsuffizienz. , 1998, , 53-63.		0
288	Heart Valve Dynamics. The Electrical Engineering Handbook, 1999, , .	0.2	0
290	Functional Classification of Secondary Mitral Valve Regurgitation. , 2015, , 19-28.		0
291	Heart Valve Dynamics. , 2014, , 9-1-9-32.		0
292	Echocardiographic Assessment of a Double-Orifice Mitral Valve: Tips and Tricks. , 2015, , 43-64.		0
293	Mitral Regurgitation. , 2015, , 183-192.		0
294	Functional mitral regurgitation in aortic valve disease patients: state of the art. Kardiologiya I Serdechno-Sosudistaya Khirurgiya, 2016, 9, 69.	0.1	0
295	Valve Repair and Replacement in Congestive Heart Failure. , 2017, , 427-459.		0
296	Left Ventricular Dilatation and Posterior Papillary Muscle Displacement in an Ex Vivo Pulsatile Model of Functional Mitral Regurgitation. Heart Surgery Forum, 2018, 21, E275-E280.	0.2	1
297	Mild Ischemic Mitral Regurgitation: Is Revascularization Enough for Every Patient?. Heart Surgery Forum, 2020, 23, E370-E375.	0.2	0
299	Operative Results of Mitral Valve Repair and Replacement in Chronic Ischaemic Mitral Valve Regurgitation. Heart Lung and Circulation, 2020, 29, 1713-1724.	0.2	1
300	Persistence of mitral regurgitation following ring annuloplasty: is the papillary muscle outside or inside the ring?. Journal of Heart Valve Disease, 2012, 21, 218-24.	0.5	13
301	Impact of asymmetric tethering on outcomes after edge-to-edge mitral valve repair for secondary mitral regurgitation. Clinical Research in Cardiology, 2022, 111, 869-880.	1.5	4
302	Geometric differences of the mitral valve apparatus in atrial and ventricular functional mitral regurgitation. Journal of Cardiovascular Computed Tomography, 2022, 16, 431-441.	0.7	6
303	Rescue percutaneous repair of ischemic acute severe mitral regurgitation. Revista Portuguesa De Cardiologia, 2022, , .	0.2	1

ARTICLE IF CITATIONS # Myocardial Contractile Mechanics in Ischemic Mitral Regurgitation. JACC: Cardiovascular Imaging, 306 2.3 2 2022, , . Mitral Regurgitation., 2016,, 477-509. Silk Fibroin as Adjuvant in the Fabrication of Mechanically Stable Fibrin Biocomposites. Polymers, 308 2.0 2 2022, 14, 2251. Effects of Cyproheptadine on Mitral Valve Remodeling and Regurgitation After Myocardial Infarction. 309 1.2 Journal of the American College of Cardiology, 2022, 80, 500-510. Ischemic Mitral Regurgitation and LeafletÂRemodeling. Journal of the American College of Cardiology, 310 1.2 1 2022, 80, 511-512. Transcatheter Edge-to-Edge Repair ofÂthe MV Among Patients WithÂCardiac Amyloidosis. JACC: Cardiovascular Interventions, 2022, 15, 1759-1761. 1.1 The Role of Cardiac Resynchronization Therapy for the Management of Functional Mitral 312 1.8 4 Regurgitation. Cells, 2022, 11, 2407. Analysis of changes in  $\hat{a} \in \hat{c}$  mitral valve reserve  $\hat{a} \in \hat{c}$  after coronary artery bypass grafts in patients with functional mitral regurgitation. Journal of Cardiothoracic Surgery, 2022, 17, . 0.4 314 Atrial Functional Mitral Regurgitation. JACC: Cardiovascular Imaging, 2022, 15, 1870-1882. 2.3 29 Echocardiographic and Angiographic Prevalence of Ischemic Mitral Regurgitation., 2022, 7, 124-130. Mitral annular dynamics are influenced by left ventricular load and contractility in an acute animal 318 0.7 0 model. Physiological Reports, 2023, 11, .