Maurice Enriquez-Sarano

List of Publications by Year
in descending order

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319 papers	41,603 citations	2203 99 h-index	2439 197 g-index
321 all docs	321 docs citations	321 times ranked	17487 citing authors

#	Article	IF	Citations
1	Burden of valvular heart diseases: a population-based study. Lancet, The, 2006, 368, 1005-1011.	6.3	3,825
2	Recommendations for evaluation of the severity of native valvular regurgitation with two-dimensional and doppler echocardiography. Journal of the American Society of Echocardiography, 2003, 16, 777-802.	1.2	3,704
3	Recommendations for Noninvasive Evaluation of Native Valvular Regurgitation. Journal of the American Society of Echocardiography, 2017, 30, 303-371.	1.2	2,269
4	Ischemic Mitral Regurgitation. Circulation, 2001, 103, 1759-1764.	1.6	1,306
5	Quantitative Determinants of the Outcome of Asymptomatic Mitral Regurgitation. New England Journal of Medicine, 2005, 352, 875-883.	13.9	975
6	Mitral regurgitation. Lancet, The, 2009, 373, 1382-1394.	6.3	713
7	Screening for cardiac contractile dysfunction using an artificial intelligenceâ€“enabled electrocardiogram. Nature Medicine, 2019, 25, 70-74.	15.2	686
8	Incidence of Aortic Complications in Patients With Bicuspid Aortic Valves. JAMA - Journal of the American Medical Association, 2011, 306, 1104.	3.8	683
9	Valve Repair Improves the Outcome of Surgery for Mitral Regurgitation. Circulation, 1995, 91, 1022-1028.	1.6	638
10	Determinants of the Degree of Functional Mitral Regurgitation in Patients With Systolic Left Ventricular Dysfunction. Circulation, 2000, 102, 1400-1406.	1.6	626
11	Clinical Outcome of Mitral Regurgitation Due to Flail Leaflet. New England Journal of Medicine, 1996, 335, 1417-1423.	13.9	605
12	Natural History of Asymptomatic Patients With Normally Functioning or Minimally Dysfunctional Bicuspid Aortic Valve in the Community. Circulation, 2008, 117, 2776-2784.	1.6	503
13	Heart Failure and Death After Myocardial Infarction in the Community. Circulation, 2005, 111, 295-301.	1.6	486
14	Independent prognostic value of functional mitral regurgitation in patients with heart failure. A quantitative analysis of 1256 patients with ischaemic and non-ischaemic dilated cardiomyopathy. Heart, 2011, 97, 1675-1680.	1.2	479
15	Clinical Outcome of IsolatedÂTricuspidÂRegurgitation. JACC: Cardiovascular Imaging, 2014, 7, 1185-1194.	2.3	443
16	The Complex Nature of Discordant Severe Calcified Aortic Valve Disease Grading. Journal of the American College of Cardiology, 2013, 62, 2329-2338.	1.2	436
17	Burden of Tricuspid Regurgitation inÂPatients Diagnosed in the CommunityÂSetting. JACC: Cardiovascular Imaging, 2019, 12, 433-442.	2.3	425
18	Very Long-Term Survival and Durability of Mitral Valve Repair for Mitral Valve Prolapse. Circulation, 2001, 104, I-1-I-7.	1.6	418

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19	Mortality and Morbidity of Aortic Regurgitation in Clinical Practice. Circulation, 1999, 99, 1851-1857.	1.6	410
20	Natural History of Asymptomatic Mitral Valve Prolapse in the Community. Circulation, 2002, 106, 1355-1361.	1.6	393
21	Survival Advantage and Improved Durability of Mitral Repair for Leaflet Prolapse Subsets in the Current Era. Annals of Thoracic Surgery, 2006, 82, 819-826.	0.7	391
22	Impact of Preoperative Symptoms on Survival After Surgical Correction of Organic Mitral Regurgitation. Circulation, 1999, 99, 400-405.	1.6	378
23	Impact of Aortic Valve Calcification, asÂMeasured by MDCT, on Survival inÂPatients WithÂAortic Stenosis. Journal of the American College of Cardiology, 2014, 64, 1202-1213.	1.2	367
24	Effective mitral regurgitant orifice area: Clinical use and pitfalls of the proximal isovelocity surface area method. Journal of the American College of Cardiology, 1995, 25, 703-709.	1.2	360
25	Echocardiographic prediction of left ventricular function after correction of mitral regurgitation: Results and clinical implications. Journal of the American College of Cardiology, 1994, 24, 1536-1543.	1.2	347
26	Evaluation and Clinical Implications of Aortic Valve Calcification Measured by Electron-Beam Computed Tomography. Circulation, 2004, 110, 356-362.	1.6	344
27	Bicuspid Aortic Valve. Circulation, 2014, 129, 2691-2704.	1.6	342
28	Atrial fibrillation complicating the course of degenerative mitral regurgitation. Journal of the American College of Cardiology, 2002, 40, 84-92.	1.2	341
29	Measurement of aortic valve calcification using multislice computed tomography: correlation with haemodynamic severity of aortic stenosis and clinical implication for patients with low ejection fraction. Heart, 2011, 97, 721-726.	1.2	320
30	Determinants and prognostic value of left atrial volume in patients with dilated cardiomyopathy. Journal of the American College of Cardiology, 2002, 40, 1425-1430.	1.2	318
31	Association Between Early Surgical Intervention vs Watchful Waiting and Outcomes for Mitral Regurgitation Due to Flail Mitral Valve Leaflets. JAMA - Journal of the American Medical Association, 2013, 310, 609.	3.8	315
32	Transcatheter Versus Medical Treatment of Patients With Symptomatic SevereÂTricuspid Regurgitation. Journal of the American College of Cardiology, 2019, 74, 2998-3008.	1.2	302
33	Association of cholesterol levels, hydroxymethylglutaryl coenzyme-a reductase inhibitor treatment, and progression of aortic stenosis in the community. Journal of the American College of Cardiology, 2002, 40, 1723-1730.	1.2	291
34	Effective regurgitant orifice area: A noninvasive Doppler development of an old hemodynamic concept. Journal of the American College of Cardiology, 1994, 23, 443-451.	1.2	276
35	Sudden death in mitral regurgitation due to flail leaflet. Journal of the American College of Cardiology, 1999, 34, 2078-2085.	1.2	272
36	Determinants of Pulmonary Hypertension in Left Ventricular Dysfunction. Journal of the American College of Cardiology, 1997, 29, 153-159.	1.2	262

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37	Outcome and undertreatment of mitral regurgitation: a community cohort study. Lancet, The, 2018, 391, 960-969.	6.3	252
38	Outcomes After Aortic Valve Replacement in Patients With Severe Aortic Regurgitation and Markedly Reduced Left Ventricular Function. Circulation, 2002, 106, 2687-2693.	1.6	249
39	Twenty-Year Outcome After Mitral Repair Versus Replacement for Severe Degenerative Mitral Regurgitation. Circulation, 2017, 135, 410-422.	1.6	238
40	Contribution of ischemic mitral regurgitation to congestive heart failure after myocardial infarction. Journal of the American College of Cardiology, 2005, 45, 260-267.	1.2	236
41	Mitral Regurgitation. Circulation, 2003, 108, 253-256.	1.6	233
42	Mitral Annular Dynamics in Myxomatous Valve Disease. Circulation, 2010, 121, 1423-1431.	1.6	226
43	Malignant Bileaflet Mitral Valve Prolapse Syndrome in Patients With Otherwise Idiopathic Out-of-Hospital Cardiac Arrest. Journal of the American College of Cardiology, 2013, 62, 222-230.	1.2	224
44	Survival Implication of Left Ventricular End-Systolic Diameter in Mitral Regurgitation Due to Flail Leaflets. Journal of the American College of Cardiology, 2009, 54, 1961-1968.	1.2	221
45	Clinical Context and Mechanism of Functional Tricuspid Regurgitation in Patients With and Without Pulmonary Hypertension. Circulation: Cardiovascular Imaging, 2012, 5, 314-323.	1.3	221
46	Excess Mortality Associated With Functional Tricuspid Regurgitation Complicating Heart Failure With Reduced Ejection Fraction. Circulation, 2019, 140, 196-206.	1.6	219
47	Global epidemiology of valvular heart disease. Nature Reviews Cardiology, 2021, 18, 853-864.	6.1	217
48	Multiplane Transesophageal Echocardiography: Image Orientation, Examination Technique, Anatomic Correlations, and Clinical Applications. Mayo Clinic Proceedings, 1993, 68, 523-551.	1.4	206
49	Impact of Left Atrial Volume on Clinical Outcome in Organic Mitral Regurgitation. Journal of the American College of Cardiology, 2010, 56, 570-578.	1.2	202
50	Sex Differences in Aortic Valve Calcification Measured by Multidetector Computed Tomography in Aortic Stenosis. Circulation: Cardiovascular Imaging, 2013, 6, 40-47.	1.3	202
51	Natriuretic peptide levels in atrial fibrillation. Journal of the American College of Cardiology, 2000, 35, 1256-1262.	1.2	199
52	Effect of Recurrent Mitral Regurgitation Following Degenerative Mitral ValveÂRepair. Journal of the American College of Cardiology, 2016, 67, 488-498.	1.2	195
53	Early Surgery in Patients With Mitral Regurgitation Due to Flail Leaflets. Circulation, 1997, 96, 1819-1825.	1.6	194
54	Severe pulmonary hypertension in patients with severe aortic valve stenosis: clinical profile and prognostic implications. Journal of the American College of Cardiology, 2002, 40, 789-795.	1.2	191

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55	The Global Burden of Aortic Stenosis. Progress in Cardiovascular Diseases, 2014, 56, 565-571.	1.6	191
56	Clinical Trial Design Principles and Endpoint Definitions for Transcatheter Mitral Valve Repair and Replacement: PartÂ1: Clinical Trial Design Principles. Journal of the American College of Cardiology, 2015, 66, 278-307.	1.2	191
57	Preoperative Factors Associated With Adverse Outcome After Tricuspid Valve Replacement. Circulation, 2011, 123, 1929-1939.	1.6	175
58	Color flow imaging compared with quantitative Doppler assessment of severity of mitral rÃ©gurgitation: Influence of eccentricity of jet and mechanism of regurgitation. Journal of the American College of Cardiology, 1993, 21, 1211-1219.	1.2	173
59	B-Type Natriuretic Peptide in Organic Mitral Regurgitation. Circulation, 2005, 111, 2391-2397.	1.6	173
60	Aortic Valve Calcification. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 642-648.	1.1	173
61	Bicuspid Aortic Valve Associated With Aortic Dilatation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 351-356.	1.1	172
62	B-Type Natriuretic Peptide Clinical Activation in Aortic Stenosis. Journal of the American College of Cardiology, 2014, 63, 2016-2025.	1.2	172
63	Progression of mitral regurgitation. Journal of the American College of Cardiology, 1999, 34, 1137-1144.	1.2	170
64	Assessment of functional tricuspid regurgitation. European Heart Journal, 2013, 34, 1875-1885.	1.0	170
65	Medical and surgical outcome of tricuspid regurgitation caused by flail leaflets. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 296-302.	0.4	166
66	Optimizing Timing of Surgical Correction in Patients With Severe Aortic Regurgitation: Role of Symptoms. Journal of the American College of Cardiology, 1997, 30, 746-752.	1.2	164
67	Contrast echocardiography improves the accuracy and reproducibility of left ventricular remodeling measurements. Journal of the American College of Cardiology, 2001, 38, 867-875.	1.2	163
68	Functional anatomy of mitral regurgitation. Journal of the American College of Cardiology, 1999, 34, 1129-1136.	1.2	158
69	Prognostic and therapeutic implications of pulmonary hypertension complicating degenerative mitral regurgitation due to flail leaflet: A Multicenter Long-term International Study. European Heart Journal, 2011, 32, 751-759.	1.0	158
70	Grading of Mitral Regurgitation by Quantitative Doppler Echocardiography. Circulation, 1997, 96, 3409-3415.	1.6	158
71	Outcomes in Mitral Regurgitation Due to Flail Leaflets. JACC: Cardiovascular Imaging, 2008, 1, 133-141.	2.3	157
72	Aortic Valve Area Calculation in AorticÂStenosis by CT and Doppler Echocardiography. JACC: Cardiovascular Imaging, 2015, 8, 248-257.	2.3	157

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73	Mitral Regurgitation After Myocardial Infarction: A Review. American Journal of Medicine, 2006, 119, 103-112.	0.6	155
74	Morphologic Types of TricuspidÂRegurgitation. JACC: Cardiovascular Imaging, 2019, 12, 491-499.	2.3	153
75	Transcatheter Aortic Valve Replacement in Patients With Low-Flow, Low-Gradient AorticÂStenosis. Journal of the American College of Cardiology, 2018, 71, 1297-1308.	1.2	152
76	Quantification of tricuspid regurgitation by measuring the width of the vena contracta with Doppler color flow imaging: a clinical study. Journal of the American College of Cardiology, 2000, 36, 472-478.	1.2	151
77	Surgical Correction of Mitral Regurgitation in the Elderly. Circulation, 2006, 114, 265-272.	1.6	147
78	Aortic Regurgitation. New England Journal of Medicine, 2004, 351, 1539-1546.	13.9	146
79	Causes and mechanisms of isolated mitral regurgitation in the community: clinical context and outcome. European Heart Journal, 2019, 40, 2194-2202.	1.0	146
80	Mortality Associated With Heart Failure After Myocardial Infarction. Circulation: Heart Failure, 2016, 9, e002460.	1.6	145
81	Sex Differences in Morphology and Outcomes of Mitral Valve Prolapse. Annals of Internal Medicine, 2008, 149, 787.	2.0	140
82	Robotic mitral valve repair for all prolapse subsets using techniques identical to open valvuloplasty: Establishing the benchmark against which percutaneous interventions should be judged. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 970-979.	0.4	138
83	Left atrial remodelling in mitral regurgitation–methodologic approach, physiological determinants, and outcome implications: a prospective quantitative Doppler-echocardiographic and electron beam-computed tomographic study. European Heart Journal, 2007, 28, 1773-1781.	1.0	136
84	Assessment of Severity of Aortic Regurgitation Using the Width of the Vena Contracta. Circulation, 2000, 102, 558-564.	1.6	133
85	Early Surgery Is Recommended for Mitral Regurgitation. Circulation, 2010, 121, 804-812.	1.6	133
86	Quantitative Echocardiographic Determinants of Clinical Outcome in Asymptomatic Patients With Aortic Regurgitation. JACC: Cardiovascular Imaging, 2008, 1, 1-11.	2.3	130
87	Cardiopulmonary Exercise Testing Determination of Functional Capacity in Mitral Regurgitation. Journal of the American College of Cardiology, 2006, 47, 2521-2527.	1.2	127
88	Functional tricuspid regurgitation at the time of mitral valve repair for degenerative leaflet prolapse: The case for a selective approach. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 608-613.	0.4	126
89	Early Regression of Severe Left Ventricular Hypertrophy After Transcatheter Aortic Valve Replacement Is Associated With Decreased Hospitalizations. JACC: Cardiovascular Interventions, 2014, 7, 662-673.	1.1	122
90	Bicuspid aortic valve aortopathy in adults: Incidence, etiology, and clinical significance. International Journal of Cardiology, 2015, 201, 400-407.	0.8	122

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91	Presentation and Outcome of ArrhythmicÂMitral Valve Prolapse. Journal of the American College of Cardiology, 2020, 76, 637-649.	1.2	121
92	Application of the proximal flow convergence method to calculate the effective regurgitant orifice area in aortic regurgitation. Journal of the American College of Cardiology, 1998, 32, 1032-1039.	1.2	119
93	Intensity of murmurs correlates with severity of valvular regurgitation. American Journal of Medicine, 1996, 100, 149-156.	0.6	113
94	Left Atrial Size Is a Potent Predictor of Mortality in Mitral Regurgitation Due to Flail Leaflets. Circulation: Cardiovascular Imaging, 2011, 4, 473-481.	1.3	113
95	First-in-Man Implantation of a Tricuspid Annular Remodeling Device for Functional Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2015, 8, e211-e214.	1.1	111
96	Congestive Heart Failure After Surgical Correction of Mitral Regurgitation. Circulation, 1995, 92, 2496-2503.	1.6	110
97	Recovery of left ventricular function after surgical correction of mitral regurgitation caused by leaflet prolapse. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 1071-1076.	0.4	106
98	Left ventricular dysfunction after mitral valve repairâ€"the fallacy ofÂâ€œnormalâ€•preoperative myocardial function. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2752-2762.	0.4	105
99	Surgery for Aortic Regurgitation in Women. Circulation, 1996, 94, 2472-2478.	1.6	104
100	Inconsistent echocardiographic grading of aortic stenosis: is the left ventricular outflow tract important?. Heart, 2013, 99, 921-931.	1.2	102
101	Electrocardiogram screening for aortic valve stenosis using artificial intelligence. European Heart Journal, 2021, 42, 2885-2896.	1.0	95
102	Outcomes in Chronic Hemodynamically Significant Aortic Regurgitation and Limitations of Current Guidelines. Journal of the American College of Cardiology, 2019, 73, 1741-1752.	1.2	94
103	Clinical presentation and outcome of tricuspid regurgitation in patients with systolic dysfunction. European Heart Journal, 2018, 39, 3584-3592.	1.0	91
104	Recurrent mitral regurgitation after repair: Should the mitral valve be re-repaired?. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 1390-1397.	0.4	89
105	Changes in Effective Regurgitant Orifice Throughout Systole in Patients With Mitral Valve Prolapse. Circulation, 1995, 92, 2951-2958.	1.6	88
106	Mitral Valve Prolapse With Mid-Late Systolic Mitral Regurgitation. Circulation, 2012, 125, 1643-1651.	1.6	87
107	Robotic Mitral Valve Repair for Simple and Complex Degenerative Disease. Circulation, 2015, 132, 1961-1968.	1.6	87
108	Dobutamine Stress Echocardiography forÂManagement of Low-Flow, Low-Gradient AorticÂStenosis. Journal of the American College of Cardiology, 2018, 71, 475-485.	1.2	85

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109	Right Ventricular Systolic Function in Organic Mitral Regurgitation. Circulation, 2013, 127, 1597-1608.	1.6	83
110	Cerebral Ischemic Events After Diagnosis of Mitral Valve Prolapse. Stroke, 2003, 34, 1339-1344.	1.0	81
111	Pathophysiology of Tricuspid Regurgitation. Circulation, 2010, 122, 1505-1513.	1.6	79
112	Echocardiographic Assessment of Left Ventricular Remodeling: Are Left Ventricular Diameters Suitable Tools?. Journal of the American College of Cardiology, 1997, 30, 1534-1541.	1.2	78
113	Aortic valve stenosis in community medical practice: Determinants of outcome and implications for aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 1421-1427.	0.4	77
114	Type A aortic dissection in patients with bicuspid aortic valves: clinical and pathological comparison with tricuspid aortic valves. Heart, 2013, 99, 1668-1674.	1.2	77
115	Atrial Fibrillation After Surgical Correction of Mitral Regurgitation in Sinus Rhythm. Circulation, 2004, 110, 2320-2325.	1.6	76
116	Is there an outcome penalty linked to guideline-based indications for valvular surgery? Early and long-term analysis of patients with organic mitral regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 50-58.	0.4	76
117	Impact of tricuspid regurgitation on survival in patients with heart failure: a large electronic health record patientâ€level database analysis. European Journal of Heart Failure, 2020, 22, 1803-1813.	2.9	75
118	Three-Dimensional Color Doppler Echocardiographic Quantification of Tricuspid Regurgitation Orifice Area: Comparison with Conventional Two-Dimensional Measures. Journal of the American Society of Echocardiography, 2013, 26, 1143-1152.	1.2	74
119	The Mitral Annular Disjunction of MitralÂValve Prolapse. JACC: Cardiovascular Imaging, 2021, 14, 2073-2087.	2.3	74
120	Dynamic Phenotypes of Degenerative Myxomatous Mitral Valve Disease. Circulation: Cardiovascular Imaging, 2015, 8, .	1.3	71
121	Sex-related differences in calcific aortic stenosis: correlating clinical and echocardiographic characteristics and computed tomography aortic valve calcium score to excised aortic valve weight. European Heart Journal, 2016, 37, 693-699.	1.0	70
122	Relationship Between Residual Mitral Regurgitation and Clinical and Quality-of-Life Outcomes After Transcatheter and Medical Treatments in Heart Failure. Circulation, 2021, 144, 426-437.	1.6	68
123	Haemodynamic and anatomic progression of aortic stenosis. Heart, 2015, 101, 943-947.	1.2	67
124	Overestimation of severity of ischemic/functional mitral regurgitation by color Doppler jet area. American Journal of Cardiology, 1994, 74, 790-793.	0.7	66
125	Robotic Mitral Valve Repair for All Categories of Leaflet Prolapse: Improving Patient Appeal and Advancing Standard of Care. Mayo Clinic Proceedings, 2011, 86, 838-844.	1.4	65
126	Role of Circulating Osteogenic Progenitor Cells in Calcific Aortic Stenosis. Journal of the American College of Cardiology, 2012, 60, 1945-1953.	1.2	64

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127	Realâ€Time 3â€Dimensional Dynamics of Functional Mitral Regurgitation: A Prospective Quantitative and Mechanistic Study. Journal of the American Heart Association, 2013, 2, e000039.	1.6	64
128	Hemodynamic Patterns for Symptomatic Presentations of Severe Aortic Stenosis. JACC: Cardiovascular Imaging, 2013, 6, 137-146.	2.3	63
129	Outcomes From Transcatheter Aortic Valve Replacement in Patients With Low-Flow, Low-Gradient Aortic Stenosis and Left Ventricular Ejection Fraction Less Than 30%. JAMA Cardiology, 2019, 4, 64.	3.0	63
130	Mitral regurgitation surgery in patients with ischemic cardiomyopathy and ischemic mitral regurgitation: Factors that influence survival. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 995-1001.	0.4	62
131	Sex Differences and Survival in Adults With Bicuspid Aortic Valves: Verification in 3 Contemporary Echocardiographic Cohorts. Journal of the American Heart Association, 2016, 5, .	1.6	62
132	Clinical Outcome of Degenerative Mitral Regurgitation. Circulation, 2018, 138, 1317-1326.	1.6	62
133	Late outcome of mitral valve surgery for patients with coronary artery disease. Annals of Thoracic Surgery, 2003, 76, 1539-1548.	0.7	61
134	Prognostic Value of Soluble ST2 After Myocardial Infarction: A Community Perspective. American Journal of Medicine, 2017, 130, 1112.e9-1112.e15.	0.6	61
135	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. European Journal of Cardio-thoracic Surgery, 2021, 60, 448-476.	0.6	61
136	Risk, Determinants, and Outcome Implications of Progression of Mitral Regurgitation After Diagnosis of Mitral Valve Prolapse in a Single Community. American Journal of Cardiology, 2008, 101, 662-667.	0.7	59
137	Determinants of pulmonary venous flow reversal in mitral regurgitation and its usefulness in determining the severity of regurgitation. American Journal of Cardiology, 1999, 83, 535-541.	0.7	58
138	Pathophysiologic determinants of third heart sounds: a prospective clinical and Doppler echocardiographic study. American Journal of Medicine, 2001, 111, 96-102.	0.6	55
139	The MIDA Mortality Risk Score: development and external validation of a prognostic model for early and late death in degenerative mitral regurgitation. European Heart Journal, 2018, 39, 1281-1291.	1.0	54
140	Long-Term Implications of Atrial Fibrillation in Patients With Degenerative Mitral Regurgitation. Journal of the American College of Cardiology, 2019, 73, 264-274.	1.2	54
141	Tricuspid regurgitation is a public health crisis. Progress in Cardiovascular Diseases, 2019, 62, 447-451.	1.6	54
142	Contrasting effect of similar effective regurgitant orifice area in mitral and tricuspid regurgitation: A quantitative Doppler echocardiographic study. Journal of the American Society of Echocardiography, 2002, 15, 958-965.	1.2	53
143	Prognostic Implications of LeftÂAtrialÂEnlargement in DegenerativeÂMitral Regurgitation. Journal of the American College of Cardiology, 2019, 74, 858-870.	1.2	53
144	Functional tricuspid regurgitation of degenerative mitral valve disease: a crucial determinant of survival. European Heart Journal, 2020, 41, 1918-1929.	1.0	53

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145	Multimodality imaging of the tricuspid valve with implication for percutaneous repair approaches. Heart, 2017, 103, 1073-1081.	1.2	52
146	Atherosclerotic Burden and Heart Failure After Myocardial Infarction. JAMA Cardiology, 2016, 1, 156.	3.0	51
147	Comprehensive Imaging in Women WithÂOrganic Mitral Regurgitation. JACC: Cardiovascular Imaging, 2016, 9, 388-396.	2.3	50
148	The Course of Ischemic Mitral Regurgitation in Acute Myocardial Infarction After Primary Percutaneous Coronary Intervention. Circulation: Cardiovascular Imaging, 2016, 9, e004841.	1.3	49
149	Common Phenotype in Patients With Mitral Valve Prolapse Who Experienced Sudden Cardiac Death. Circulation, 2018, 138, 1067-1069.	1.6	49
150	Long-Term Mortality Associated With Left Ventricular Dysfunction in Mitral Regurgitation Due to Flail Leaflets. Circulation: Cardiovascular Imaging, 2014, 7, 363-370.	1.3	47
151	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, e383-e414.	0.4	47
152	Galectin-3 Levels and Outcomes After Myocardial Infarction. Journal of the American College of Cardiology, 2019, 73, 2286-2295.	1.2	46
153	Incidence of Infective Endocarditis in Patients With Bicuspid Aortic Valves in the Community. Mayo Clinic Proceedings, 2016, 91, 122-123.	1.4	45
154	Pathophysiology of Degenerative Mitral Regurgitation. Circulation: Cardiovascular Imaging, 2018, 11, e005971.	1.3	45
155	Community prevalence, mechanisms and outcome of mitral or tricuspid regurgitation. Heart, 2021, 107, 1003-1009.	1.2	45
156	Improving Affordability Through Innovation in the Surgical Treatment of Mitral Valve Disease. Mayo Clinic Proceedings, 2013, 88, 1075-1084.	1.4	43
157	Association of B-Type Natriuretic Peptide Activation to Left Ventricular End-Systolic Remodeling in Organic and Functional Mitral Regurgitation. American Journal of Cardiology, 2006, 97, 1029-1034.	0.7	42
158	Association of B-Type Natriuretic PeptideÂWith Survival in Patients With Degenerative Mitral Regurgitation. Journal of the American College of Cardiology, 2016, 68, 1297-1307.	1.2	42
159	Impact of Aortic Valve Calcification and Sex onÂHemodynamic Progression and Clinical Outcomes in AS. Journal of the American College of Cardiology, 2017, 69, 2096-2098.	1.2	42
160	Clinical Outcome of Asymptomatic Severe Aortic Stenosis With Medical and Surgical Management: Importance of STS Score at Diagnosis. Annals of Thoracic Surgery, 2010, 90, 1876-1883.	0.7	41
161	Cleft-like indentations in myxomatous mitral valves by three-dimensional echocardiographic imaging. Heart, 2015, 101, 1111-1117.	1.2	40
162	Diastolic Determinants of ExcessÂMortality in HeartÂFailure WithÂReduced Ejection Fraction. JACC: Heart Failure, 2019, 7, 808-817.	1.9	40

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163	Contribution of Ventricular Diastolic Dysfunction to Pulmonary Hypertension Complicating Chronic Systolic Heart Failure. JACC: Cardiovascular Imaging, 2011, 4, 946-954.	2.3	38
164	Clinical trial design principles and endpoint definitions for transcatheter mitral valve repair and replacement: part 1: clinical trial design principles. European Heart Journal, 2015, 36, 1851-1877.	1.0	37
165	Mitral Annular Disjunction. JACC: Cardiovascular Imaging, 2017, 10, 1434-1436.	2.3	37
166	Comparative study of bicuspid vs. tricuspid aortic valve stenosis. European Heart Journal Cardiovascular Imaging, 2018, 19, 3-8.	0.5	34
167	Functional Mitral Regurgitation Outcome and Grading in HeartÂFailure With Reduced Ejection Fraction. JACC: Cardiovascular Imaging, 2021, 14, 2303-2315.	2.3	34
168	Incidence and Predictors of Infective Endocarditis in Mitral Valve Prolapse. Mayo Clinic Proceedings, 2016, 91, 336-342.	1.4	32
169	Is the Anterior Intertrigonal Distance Increased in Patients With Mitral Regurgitation Due to Leaflet Prolapse?. Annals of Thoracic Surgery, 2009, 88, 1202-1208.	0.7	31
170	Mitral Annular Dynamics in Mitral Annular Calcification: A Three-Dimensional Imaging Study. Journal of the American Society of Echocardiography, 2015, 28, 786-794.	1.2	31
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