

# Marie-Annick Clavel

## List of Publications by Citations

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**Version:** 2024-04-24

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218  
papers

7,912  
citations

49  
h-index

83  
g-index

292  
ext. papers

10,796  
ext. citations

5.6  
avg, IF

6.05  
L-index

#	Paper	IF	Citations
218	Acute kidney injury following transcatheter aortic valve implantation: predictive factors, prognostic value, and comparison with surgical aortic valve replacement. <i>European Heart Journal</i> , <b>2010</b> , 31, 865-74	9.5	355
217	Calcific aortic stenosis. <i>Nature Reviews Disease Primers</i> , <b>2016</b> , 2, 16006	51.1	341
216	The complex nature of discordant severe calcified aortic valve disease grading: new insights from combined Doppler echocardiographic and computed tomographic study. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 2329-38	15.1	295
215	Comparison of the hemodynamic performance of percutaneous and surgical bioprostheses for the treatment of severe aortic stenosis. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 53, 1883-91	15.1	292
214	Impact of aortic valve calcification, as measured by MDCT, on survival in patients with aortic stenosis: results of an international registry study. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 1202-13	15.1	258
213	Outcome of patients with aortic stenosis, small valve area, and low-flow, low-gradient despite preserved left ventricular ejection fraction. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1259-67	15.1	235
212	Comparison between transcatheter and surgical prosthetic valve implantation in patients with severe aortic stenosis and reduced left ventricular ejection fraction. <i>Circulation</i> , <b>2010</b> , 122, 1928-36	16.7	225
211	Predictors of outcomes in low-flow, low-gradient aortic stenosis: results of the multicenter TOPAS Study. <i>Circulation</i> , <b>2008</b> , 118, S234-42	16.7	166
210	Computed Tomography Aortic Valve Calcium Scoring in Patients With Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e007146	3.9	147
209	Low-gradient aortic stenosis. <i>European Heart Journal</i> , <b>2016</b> , 37, 2645-57	9.5	142
208	Stress echocardiography to assess stenosis severity and predict outcome in patients with paradoxical low-flow, low-gradient aortic stenosis and preserved LVEF. <i>JACC: Cardiovascular Imaging</i> , <b>2013</b> , 6, 175-83	8.4	134
207	Sex differences in aortic valve calcification measured by multidetector computed tomography in aortic stenosis. <i>Circulation: Cardiovascular Imaging</i> , <b>2013</b> , 6, 40-7	3.9	134
206	Twenty-Year Outcome After Mitral Repair Versus Replacement for Severe Degenerative Mitral Regurgitation: Analysis of a Large, Prospective, Multicenter, International Registry. <i>Circulation</i> , <b>2017</b> , 135, 410-422	16.7	132
205	Effect of Recurrent Mitral Regurgitation Following Degenerative Mitral Valve Repair: Long-Term Analysis of Competing Outcomes. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 488-98	15.1	128
204	B-type natriuretic peptide clinical activation in aortic stenosis: impact on long-term survival. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 2016-25	15.1	127
203	Outcome and undertreatment of mitral regurgitation: a community cohort study. <i>Lancet, The</i> , <b>2018</b> , 391, 960-969	40	126
202	Impact of low flow on the outcome of high-risk patients undergoing transcatheter aortic valve replacement. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 782-8	15.1	124

201	Feasibility and initial results of percutaneous aortic valve implantation including selection of the transfemoral or transapical approach in patients with severe aortic stenosis. <i>American Journal of Cardiology</i> , <b>2008</b> , 102, 1240-6	3	116
200	Validation of conventional and simplified methods to calculate projected valve area at normal flow rate in patients with low flow, low gradient aortic stenosis: the multicenter TOPAS (True or Pseudo Severe Aortic Stenosis) study. <i>Journal of the American Society of Echocardiography</i> , <b>2010</b> , 23, 380-6	5.8	113
199	Aortic valve area calculation in aortic stenosis by CT and Doppler echocardiography. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 248-257	8.4	112
198	Outcome and Impact of Aortic Valve Replacement in Patients With Preserved LVEF and Low-Gradient Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2594-2603	15.1	110
197	Electrocardiographic changes and clinical outcomes after transapical aortic valve implantation. <i>American Heart Journal</i> , <b>2009</b> , 158, 302-8	4.9	105
196	Sex-Related Discordance Between Aortic Valve Calcification and Hemodynamic Severity of Aortic Stenosis: Is Valvular Fibrosis the Explanation?. <i>Circulation Research</i> , <b>2017</b> , 120, 681-691	15.7	93
195	Outcomes of Patients With Asymptomatic Aortic Stenosis Followed Up in Heart Valve Clinics. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 1060-1068	16.2	90
194	Transcatheter Aortic Valve Replacement in Patients With Low-Flow, Low-Gradient Aortic Stenosis: The TOPAS-TAVI Registry. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 1297-1308	15.1	88
193	Progression of Hypertrophy and Myocardial Fibrosis in Aortic Stenosis: A Multicenter Cardiac Magnetic Resonance Study. <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e007451	3.9	82
192	Imaging and Impact of Myocardial Fibrosis in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 283-296	8.4	79
191	Cardiac Imaging for Assessing Low-Gradient Severe Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 185-202	8.4	78
190	Impact of metabolic syndrome on progression of aortic stenosis: influence of age and statin therapy. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 216-23	15.1	78
189	Metabolic syndrome is associated with more pronounced impairment of left ventricle geometry and function in patients with calcific aortic stenosis: a substudy of the ASTRONOMER (Aortic Stenosis Progression Observation Measuring Effects of Rosuvastatin). <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 1867-74	15.1	77
188	Aortic Stenosis and Cardiac Amyloidosis: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 2638-2651	15.1	76
187	Cardiac magnetic resonance versus transthoracic echocardiography for the assessment and quantification of aortic regurgitation in patients undergoing transcatheter aortic valve implantation. <i>Heart</i> , <b>2014</b> , 100, 1924-32	5.1	74
186	Validation and characterization of transcatheter aortic valve effective orifice area measured by Doppler echocardiography. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 1053-62	8.4	73
185	Extracellular Myocardial Volume in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 304-316	15.1	69
184	Comparison between cardiovascular magnetic resonance and transthoracic Doppler echocardiography for the estimation of effective orifice area in aortic stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2011</b> , 13, 25	6.9	67

183	Association of Left Ventricular Global Longitudinal Strain With Asymptomatic Severe Aortic Stenosis: Natural Course and Prognostic Value. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 839-847	16.2	63
182	Cardiovascular Magnetic Resonance to Evaluate Aortic Regurgitation After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 577-585	15.1	62
181	Prognostic Implications of Moderate Aortic Stenosis in Patients With Left Ventricular Systolic Dysfunction. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2383-2392	15.1	61
180	Staging Cardiac Damage in Patients With Asymptomatic Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 550-563	15.1	61
179	Severe valvular regurgitation and late prosthesis embolization after percutaneous aortic valve implantation. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 87, 618-21	2.7	61
178	Autotaxin interacts with lipoprotein(a) and oxidized phospholipids in predicting the risk of calcific aortic valve stenosis in patients with coronary artery disease. <i>Journal of Internal Medicine</i> , <b>2016</b> , 280, 509-517	10.8	60
177	Why and How to Measure Aortic Valve Calcification in Patients With Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1835-1848	8.4	57
176	Usefulness of global left ventricular longitudinal strain for risk stratification in low ejection fraction, low-gradient aortic stenosis: results from the multicenter True or Pseudo-Severe Aortic Stenosis study. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8, e002117	3.9	56
175	Impact of hypertension and renin-angiotensin system inhibitors in aortic stenosis. <i>European Journal of Clinical Investigation</i> , <b>2013</b> , 43, 1262-72	4.6	56
174	Impact of classic and paradoxical low flow on survival after aortic valve replacement for severe aortic stenosis. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 645-53	15.1	56
173	State of the Science in Women's Cardiovascular Disease: A Canadian Perspective on the Influence of Sex and Gender. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015634	6	55
172	A transcriptome-wide association study identifies PALMD as a susceptibility gene for calcific aortic valve stenosis. <i>Nature Communications</i> , <b>2018</b> , 9, 988	17.4	53
171	Dynamic phenotypes of degenerative myxomatous mitral valve disease: quantitative 3-dimensional echocardiographic study. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8,	3.9	50
170	Is there an outcome penalty linked to guideline-based indications for valvular surgery? Early and long-term analysis of patients with organic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 50-8	1.5	49
169	Timing of intervention in aortic stenosis: a review of current and future strategies. <i>Heart</i> , <b>2018</b> , 104, 2067-2076	5.1	48
168	Dobutamine Stress Echocardiography for Management of Low-Flow, Low-Gradient Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 475-485	15.1	47
167	Incidence, risk factors, clinical impact, and management of bioprosthesis structural valve degeneration. <i>Current Opinion in Cardiology</i> , <b>2017</b> , 32, 123-129	2.1	47
166	Rate, Timing, Correlates, and Outcomes of Hemodynamic Valve Deterioration After Bioprosthetic Surgical Aortic Valve Replacement. <i>Circulation</i> , <b>2018</b> , 138, 971-985	16.7	47

165	Bioprosthetic aortic valve durability in the era of transcatheter aortic valve implantation. <i>Heart</i> , <b>2018</b> , 104, 1323-1332	5.1	46
164	Haemodynamic and anatomic progression of aortic stenosis. <i>Heart</i> , <b>2015</b> , 101, 943-7	5.1	46
163	Sex-related differences in calcific aortic stenosis: correlating clinical and echocardiographic characteristics and computed tomography aortic valve calcium score to excised aortic valve weight. <i>European Heart Journal</i> , <b>2016</b> , 37, 693-9	9.5	45
162	Two-dimensional strain for the assessment of left ventricular function in low flow-low gradient aortic stenosis, relationship to hemodynamics, and outcome: a substudy of the multicenter TOPAS study. <i>Circulation: Cardiovascular Imaging</i> , <b>2013</b> , 6, 268-76	3.9	45
161	Echocardiographic predictors of outcomes in adults with aortic stenosis. <i>Heart</i> , <b>2016</b> , 102, 934-42	5.1	43
160	Discordant Grading of Aortic Stenosis Severity: Echocardiographic Predictors of Survival Benefit Associated With Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 797-805	8.4	43
159	Hemodynamic Deterioration of Surgically Implanted Bioprosthetic Aortic Valves. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 241-251	15.1	42
158	Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprostheses in the PARTNER-2 Trial. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1830-1843	15.1	40
157	Sex Differences and Survival in Adults With Bicuspid Aortic Valves: Verification in 3 Contemporary Echocardiographic Cohorts. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	37
156	Outcomes From Transcatheter Aortic Valve Replacement in Patients With Low-Flow, Low-Gradient Aortic Stenosis and Left Ventricular Ejection Fraction Less Than 30%: A Substudy From the TOPAS-TAVI Registry. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 64-70	16.2	37
155	Pathophysiology and management of multivalvular disease. <i>Nature Reviews Cardiology</i> , <b>2016</b> , 13, 429-40	14.8	36
154	Systolic hypertension and progression of aortic valve calcification in patients with aortic stenosis: results from the PROGRESSA study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 70-78	4.1	35
153	Tricuspid Regurgitation Is Associated With Increased Risk of Mortality in Patients With Low-Flow Low-Gradient Aortic Stenosis and Reduced Ejection Fraction: Results of the Multicenter TOPAS Study (True or Pseudo-Severe Aortic Stenosis). <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 588-96	5	35
152	Paradoxical low-flow, low-gradient aortic stenosis despite preserved left ventricular ejection fraction: new insights from weights of operatively excised aortic valves. <i>European Heart Journal</i> , <b>2014</b> , 35, 2655-62	9.5	35
151	Long-term prognostic value and serial changes of plasma N-terminal prohormone B-type natriuretic peptide in patients undergoing transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 851-9	3	35
150	Impact of left ventricular remodelling patterns on outcomes in patients with aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 1378-1387	4.1	34
149	Performance-based functional assessment of patients undergoing transcatheter aortic valve implantation. <i>American Heart Journal</i> , <b>2011</b> , 161, 726-34	4.9	30
148	Association of B-Type Natriuretic Peptide With Survival in Patients With Degenerative Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 1297-307	15.1	30

147	Insulin resistance and LVH progression in patients with calcific aortic stenosis: a substudy of the ASTRONOMER trial. <i>JACC: Cardiovascular Imaging</i> , <b>2013</b> , 6, 165-74	8.4	27
146	Valve-in-Valve Transcatheter Aortic Valve Replacement Versus Redo Surgical Aortic Valve Replacement: An Updated Meta-Analysis. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 211-220	5	27
145	Age, Sex, and Valve Phenotype Differences in Fibro-Calcific Remodeling of Calcified Aortic Valve. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015610	6	26
144	Regression of Left Ventricular Mass After Transcatheter Aortic Valve Replacement: The PARTNER Trials and Registries. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 2446-2458	15.1	26
143	Right ventricular longitudinal strain for risk stratification in low-flow, low-gradient aortic stenosis with low ejection fraction. <i>Heart</i> , <b>2016</b> , 102, 548-54	5.1	26
142	Impact of valvuloarterial impedance on 2-year outcome of patients undergoing transcatheter aortic valve implantation. <i>Journal of the American Society of Echocardiography</i> , <b>2013</b> , 26, 691-8	5.8	26
141	Cleft-like indentations in myxomatous mitral valves by three-dimensional echocardiographic imaging. <i>Heart</i> , <b>2015</b> , 101, 1111-7	5.1	26
140	Apical aortic valve implantation in a patient with a mechanical valve prosthesis in mitral position. <i>Circulation: Cardiovascular Interventions</i> , <b>2008</b> , 1, 233	6	26
139	Sex-Related Differences in the Extent of Myocardial Fibrosis in Patients With Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 699-711	8.4	26
138	Surgical aortic valve replacement and patient-prosthesis mismatch: a meta-analysis of 108 182 patients. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 56, 44-54	3	25
137	Comprehensive Imaging in Women With Organic Mitral Regurgitation: Implications for Clinical Outcome. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 388-96	8.4	25
136	Long-Term Implications of Atrial Fibrillation in Patients With Degenerative Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 264-274	15.1	24
135	Mitral Annular Dynamics in Mitral Annular Calcification: A Three-Dimensional Imaging Study. <i>Journal of the American Society of Echocardiography</i> , <b>2015</b> , 28, 786-94	5.8	24
134	Effect of age and aortic valve anatomy on calcification and haemodynamic severity of aortic stenosis. <i>Heart</i> , <b>2017</b> , 103, 32-39	5.1	23
133	How Do We Reconcile Echocardiography, Computed Tomography, and Hybrid Imaging in Assessing Discordant Grading of Aortic Stenosis Severity?. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 267-282	8.4	23
132	Impact of Aortic Valve Calcification and Sex on Hemodynamic Progression and Clinical Outcomes in AS. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2096-2098	15.1	22
131	The MIDA Mortality Risk Score: development and external validation of a prognostic model for early and late death in degenerative mitral regurgitation. <i>European Heart Journal</i> , <b>2018</b> , 39, 1281-1291	9.5	22
130	Visceral adiposity and left ventricular mass and function in patients with aortic stenosis: the PROGRESSA study. <i>Canadian Journal of Cardiology</i> , <b>2014</b> , 30, 1080-7	3.8	21

129	Genetic Association Analyses Highlight , , and As 3 New Susceptibility Genes Underlying Calcific Aortic Valve Stenosis. <i>Circulation Genomic and Precision Medicine</i> , <b>2019</b> , 12, e002617	5.2	20
128	Common Phenotype in Patients With Mitral Valve Prolapse Who Experienced Sudden Cardiac Death. <i>Circulation</i> , <b>2018</b> , 138, 1067-1069	16.7	20
127	Genetic and In Vitro Inhibition of and Calcific Aortic Valve Stenosis. <i>JACC Basic To Translational Science</i> , <b>2020</b> , 5, 649-661	8.7	18
126	Impact of Vascular Hemodynamics on Aortic Stenosis Evaluation: New Insights Into the Pathophysiology of Normal Flow-Small Aortic Valve Area-Low Gradient Pattern. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	18
125	Paradoxical low flow aortic valve stenosis: incidence, evaluation, and clinical significance. <i>Current Cardiology Reports</i> , <b>2014</b> , 16, 431	4.2	18
124	Genetic Variation in LPA, Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 620-627	16.2	17
123	Lipoprotein(a), Oxidized Phospholipids, and Aortic Valve Microcalcification Assessed by 18F-Sodium Fluoride Positron Emission Tomography and Computed Tomography. <i>CJC Open</i> , <b>2019</b> , 1, 131-140	2	17
122	Evolution and prognostic impact of low flow after transcatheter aortic valve replacement. <i>Heart</i> , <b>2015</b> , 101, 1196-203	5.1	17
121	Attenuated Mitral Leaflet Enlargement Contributes to Functional Mitral Regurgitation After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 395-405	15.1	16
120	Concomitant mitral regurgitation and aortic stenosis: one step further to low-flow preserved ejection fraction aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 569-573	4.1	16
119	B-Type Natriuretic Peptide and High-Sensitivity Cardiac Troponin for Risk Stratification in Low-Flow, Low-Gradient Aortic Stenosis: A Substudy of the TOPAS Study. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 939-947	8.4	16
118	Low and elevated B-type natriuretic peptide levels are associated with increased mortality in patients with preserved ejection fraction undergoing transcatheter aortic valve replacement: an analysis of the PARTNER II trial and registry. <i>European Heart Journal</i> , <b>2020</b> , 41, 958-969	9.5	16
117	Transvalvular Flow, Sex, and Survival After Valve Replacement Surgery in Patients With Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 1897-1909	15.1	15
116	Myocardial injury following transcatheter aortic valve implantation: insights from delayed-enhancement cardiovascular magnetic resonance. <i>EuroIntervention</i> , <b>2015</b> , 11, 205-13	3.1	15
115	Multimarker Approach to Identify Patients With Higher Mortality and Rehospitalization Rate After Surgical Aortic Valve Replacement for Aortic Stenosis. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 2172-2181	5.2	15
114	Assessment of low-flow, low-gradient aortic stenosis: multimodality imaging is the key to success. <i>EuroIntervention</i> , <b>2014</b> , 10 Suppl U, U52-60	3.1	14
113	Calcific Aortic Valve Stenosis and Atherosclerotic Calcification. <i>Current Atherosclerosis Reports</i> , <b>2020</b> , 22, 2	6	14
112	Impact of surgical aortic root enlargement on the outcomes of aortic valve replacement: a meta-analysis of 13 174 patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 29, 74-82	1.8	13

111	Left Ventricular Hypertrophy and Clinical Outcomes Over 5 Years After TAVR: An Analysis of the PARTNER Trials and Registries. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1329-1339	5	13
110	Circulating levels of matrix gla protein and progression of aortic stenosis: a substudy of the Aortic Stenosis Progression Observation: Measuring Effects of rosuvastatin (ASTRONOMER) trial. <i>Canadian Journal of Cardiology</i> , <b>2014</b> , 30, 1088-95	3.8	13
109	Oral Anticoagulation Therapy and Progression of Calcific Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 1869-1871	15.1	12
108	Prognostic Value of N-Terminal Pro-B-Type Natriuretic Peptide in Elderly Patients With Valvular Heart Disease. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 1659-1672	15.1	12
107	Transcatheter versus surgical valve replacement for a failed pulmonary homograft in the Ross population. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 1434-1444	1.5	12
106	Chronic Kidney Disease and the Pathophysiology of Valvular Heart Disease. <i>Canadian Journal of Cardiology</i> , <b>2019</b> , 35, 1195-1207	3.8	11
105	Effect of bicuspid aortic valve phenotype on progression of aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2020</b> , 21, 727-734	4.1	11
104	Moderate Aortic Stenosis in Patients With Heart Failure and Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 2796-2803	15.1	11
103	Blood, tissue and imaging biomarkers in calcific aortic valve stenosis: past, present and future. <i>Current Opinion in Cardiology</i> , <b>2018</b> , 33, 125-133	2.1	11
102	Workup and Management of Patients With Paradoxical Low-Flow, Low-Gradient Aortic Stenosis. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2018</b> , 20, 49	2.1	10
101	Impact of sex on the management and outcome of aortic stenosis patients. <i>European Heart Journal</i> , <b>2021</b> , 42, 2683-2691	9.5	10
100	Doppler Echocardiographic Quantitation of Aortic Valve Stenosis: A Science in Constant Evolution. <i>Journal of the American Society of Echocardiography</i> , <b>2016</b> , 29, 1019-1022	5.8	10
99	The Role of Imaging in Measuring Disease Progression and Assessing Novel Therapies in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 185-197	8.4	10
98	Estimation of Stroke Volume and Aortic Valve Area in Patients with Aortic Stenosis: A Comparison of Echocardiography versus Cardiovascular Magnetic Resonance. <i>Journal of the American Society of Echocardiography</i> , <b>2020</b> , 33, 953-963.e5	5.8	9
97	Valve-in-Valve Procedure in Failed Transcatheter Aortic Valves. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 198-202	8.4	9
96	Effect of size and position of self-expanding transcatheter valve on haemodynamics following valve-in-valve procedure in small surgical bioprostheses: an in vitro study. <i>EuroIntervention</i> , <b>2018</b> , 14, e282-e289	3.1	9
95	Forward Left Ventricular Ejection Fraction: A Simple Risk Marker in Patients With Primary Mitral Regurgitation. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	8
94	Patient and procedure selection for the prevention of prosthesis-patient mismatch following aortic valve replacement. <i>EuroIntervention</i> , <b>2015</b> , 11 Suppl W, W106-9	3.1	8



93	Haemodynamic outcomes following aortic valve-in-valve procedure. <i>Open Heart</i> , <b>2018</b> , 5, e000854	3	8
92	Mitral Effective Regurgitant Orifice Area Predicts Pulmonary Artery Pressure Level in Patients with Aortic Valve Stenosis. <i>Journal of the American Society of Echocardiography</i> , <b>2018</b> , 31, 570-577.e1	5.8	7
91	ApoB/ApoA-I Ratio is Associated With Faster Hemodynamic Progression of Aortic Stenosis: Results From the PROGRESSA (Metabolic Determinants of the Progression of Aortic Stenosis) Study. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	7
90	The marvel of percutaneous cardiovascular devices in the elderly. <i>Annals of the New York Academy of Sciences</i> , <b>2010</b> , 1197, 188-99	6.5	7
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