Marie-Annick Clavel

List of Publications by Year
in descending order

262	12,737	19636 61	29127 104
papers	citations	h-index	g-index

292	292	292	7972
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Calcific aortic stenosis. Nature Reviews Disease Primers, 2016, 2, 16006.	18.1	568
2	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
3	Acute kidney injury following transcatheter aortic valve implantation: predictive factors, prognostic value, and comparison with surgical aortic valve replacement. European Heart Journal, 2010, 31, 865-874.	1.0	410
4	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
5	Comparison of the Hemodynamic Performance of Percutaneous and Surgical Bioprostheses for the Treatment of Severe Aortic Stenosis. Journal of the American College of Cardiology, 2009, 53, 1883-1891.	1.2	347
6	Outcome of Patients With Aortic Stenosis, Small Valve Area, and Low-Flow, Low-Gradient Despite Preserved Left Ventricular Ejection Fraction. Journal of the American College of Cardiology, 2012, 60, 1259-1267.	1.2	295
7	Comparison Between Transcatheter and Surgical Prosthetic Valve Implantation in Patients With Severe Aortic Stenosis and Reduced Left Ventricular Ejection Fraction. Circulation, 2010, 122, 1928-1936.	1.6	271
8	Outcome and undertreatment of mitral regurgitation: a community cohort study. Lancet, The, 2018, 391, 960-969.	6.3	252
9	Computed Tomography Aortic Valve Calcium Scoring in Patients With Aortic Stenosis. Circulation: Cardiovascular Imaging, 2018, 11, e007146.	1.3	251
10	Twenty-Year Outcome After Mitral Repair Versus Replacement for Severe Degenerative Mitral Regurgitation. Circulation, 2017, 135, 410-422.	1.6	238
11	Low-gradient aortic stenosis. European Heart Journal, 2016, 37, 2645-2657.	1.0	237
12	Predictors of Outcomes in Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2008, 118, S234-42.	1.6	208
13	Sex Differences in Aortic Valve Calcification Measured by Multidetector Computed Tomography in Aortic Stenosis. Circulation: Cardiovascular Imaging, 2013, 6, 40-47.	1.3	202
14	Effect of Recurrent Mitral Regurgitation Following Degenerative Mitral ValveÂRepair. Journal of the American College of Cardiology, 2016, 67, 488-498.	1.2	195
15	Aortic Stenosis and Cardiac Amyloidosis. Journal of the American College of Cardiology, 2019, 74, 2638-2651.	1.2	182
16	Outcomes of Patients With Asymptomatic Aortic Stenosis Followed Up in Heart Valve Clinics. JAMA Cardiology, 2018, 3, 1060.	3.0	177
17	Stress Echocardiography to Assess Stenosis Severity and Predict Outcome in Patients With Paradoxical Low-Flow, Low-Gradient Aortic Stenosis and Preserved LVEF. JACC: Cardiovascular Imaging, 2013, 6, 175-183.	2.3	173
18	B-Type Natriuretic Peptide Clinical Activation in Aortic Stenosis. Journal of the American College of Cardiology, 2014, 63, 2016-2025.	1.2	172

#	Article	IF	Citations
19	Impact of Low Flow on the Outcome of High-Risk Patients Undergoing Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2013, 62, 782-788.	1.2	168
20	Sex-Related Discordance Between Aortic Valve Calcification and Hemodynamic Severity of Aortic Stenosis. Circulation Research, 2017, 120, 681-691.	2.0	165
21	Imaging and Impact of Myocardial Fibrosis in Aortic Stenosis. JACC: Cardiovascular Imaging, 2019, 12, 283-296.	2.3	161
22	Outcome and Impact of AorticÂValveÂReplacement in Patients WithÂPreserved LVEF and Low-GradientÂAortic Stenosis. Journal of the American College of Cardiology, 2015, 66, 2594-2603.	1.2	159
23	Aortic Valve Area Calculation in AorticÂStenosis by CT and Doppler Echocardiography. JACC: Cardiovascular Imaging, 2015, 8, 248-257.	2.3	157
24	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
25	Staging Cardiac Damage in Patients With Asymptomatic Aortic Valve Stenosis. Journal of the American College of Cardiology, 2019, 74, 550-563.	1.2	152
26	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) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	142
27	Cardiac Imaging for Assessing Low-Gradient Severe Aortic Stenosis. JACC: Cardiovascular Imaging, 2017, 10, 185-202.	2.3	141
28	Extracellular Myocardial Volume in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2020, 75, 304-316.	1.2	141
29	Progression of Hypertrophy and Myocardial Fibrosis in Aortic Stenosis. Circulation: Cardiovascular Imaging, 2018, 11, e007451.	1.3	139
30	Why and How to Measure AorticÂValveÂCalcification in PatientsÂWithÂAorticÂStenosis. JACC: Cardiovascular Imaging, 2019, 12, 1835-1848.	2.3	134
31	Feasibility and Initial Results of Percutaneous Aortic Valve Implantation Including Selection of the Transfemoral or Transapical Approach in Patients With Severe Aortic Stenosis. American Journal of Cardiology, 2008, 102, 1240-1246.	0.7	131
32	Prognostic Implications of Moderate AorticÂStenosis in Patients With LeftÂVentricular SystolicÂDysfunction. Journal of the American College of Cardiology, 2017, 69, 2383-2392.	1.2	122
33	Electrocardiographic changes and clinical outcomes after transapical aortic valve implantation. American Heart Journal, 2009, 158, 302-308.	1.2	120
34	Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprostheses in the PARTNER-2 Trial. Journal of the American College of Cardiology, 2020, 76, 1830-1843.	1.2	119
35	Association of Left Ventricular Global Longitudinal Strain With Asymptomatic Severe Aortic Stenosis. JAMA Cardiology, 2018, 3, 839.	3.0	114
36	State of the Science in Women's Cardiovascular Disease: A Canadian Perspective on the Influence of Sex and Gender. Journal of the American Heart Association, 2020, 9, e015634.	1.6	114

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37	Impact of Metabolic Syndrome on Progression of Aortic Stenosis. Journal of the American College of Cardiology, 2012, 60, 216-223.	1.2	103
38	A transcriptome-wide association study identifies PALMD as a susceptibility gene for calcific aortic valve stenosis. Nature Communications, 2018, 9, 988.	5.8	93
39	Validation and Characterization of Transcatheter Aortic Valve Effective Orifice Area Measured by Doppler Echocardiography. JACC: Cardiovascular Imaging, 2011, 4, 1053-1062.	2.3	88
40	Metabolic Syndrome Is Associated With More Pronounced Impairment of Left Ventricle Geometry and Function in Patients With Calcific Aortic Stenosis. Journal of the American College of Cardiology, 2010, 55, 1867-1874.	1.2	87
41	Incidence, risk factors, clinical impact, and management of bioprosthesis structural valve degeneration. Current Opinion in Cardiology, 2017, 32, 123-129.	0.8	87
42	Valve-in-Valve Transcatheter Aortic Valve Replacement Versus Redo Surgical Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2021, 14, 211-220.	1.1	86
43	Dobutamine Stress Echocardiography forÂManagement of Low-Flow, Low-Gradient AorticÂStenosis. Journal of the American College of Cardiology, 2018, 71, 475-485.	1.2	85
44	Comparison between cardiovascular magnetic resonance and transthoracic doppler echocardiography for the estimation of effective orifice area in aortic stenosis. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 25.	1.6	83
45	Impact of Classic and Paradoxical Low Flow on Survival After Aortic Valve Replacement for Severe Aortic Stenosis. Journal of the American College of Cardiology, 2015, 65, 645-653.	1.2	83
46	Timing of intervention in aortic stenosis: a review of current and future strategies. Heart, 2018, 104, 2067-2076.	1.2	82
47	Cardiac magnetic resonance versus transthoracic echocardiography for the assessment and quantification of aortic regurgitation in patients undergoing transcatheter aortic valve implantation. Heart, 2014, 100, 1924-1932.	1.2	81
48	Rate, Timing, Correlates, and Outcomes of Hemodynamic Valve Deterioration After Bioprosthetic Surgical Aortic Valve Replacement. Circulation, 2018, 138, 971-985.	1.6	77
49	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
50	Impact of hypertension and reninâ€“angiotensin system inhibitors in aortic stenosis. European Journal of Clinical Investigation, 2013, 43, 1262-1272.	1.7	75
51	Echocardiographic predictors of outcomes in adults with aortic stenosis. Heart, 2016, 102, 934-942.	1.2	74
52	Cardiovascular Magnetic Resonance to Evaluate Aortic Regurgitation After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2016, 68, 577-585.	1.2	74
53	Usefulness of Global Left Ventricular Longitudinal Strain for Risk Stratification in Low Ejection Fraction, Low-Gradient Aortic Stenosis. Circulation: Cardiovascular Imaging, 2015, 8, e002117.	1.3	73
54	Autotaxin interacts with lipoprotein(a) and oxidized phospholipids in predicting the risk of calcific aortic valve stenosis in patients with coronary artery disease. Journal of Internal Medicine, 2016, 280, 509-517.	2.7	73

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55	Dynamic Phenotypes of Degenerative Myxomatous Mitral Valve Disease. Circulation: Cardiovascular Imaging, 2015, 8, .	1.3	71
56	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
57	Discordant Grading of AorticÂStenosisÂSeverity. JACC: Cardiovascular Imaging, 2016, 9, 797-805.	2.3	69
58	Haemodynamic and anatomic progression of aortic stenosis. Heart, 2015, 101, 943-947.	1.2	67
59	Bioprosthetic aortic valve durability in the era of transcatheter aortic valve implantation. Heart, 2018, 104, 1323-1332.	1.2	67
60	Sex-Related Differences in the Extent of Myocardial Fibrosis in Patients With Aortic Valve Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 699-711.	2.3	67
61	Severe Valvular Regurgitation and Late Prosthesis Embolization After Percutaneous Aortic Valve Implantation. Annals of Thoracic Surgery, 2009, 87, 618-621.	0.7	65
62	Hemodynamic Deterioration of Surgically Implanted Bioprosthetic Aortic Valves. Journal of the American College of Cardiology, 2018, 72, 241-251.	1.2	64
63	Systolic hypertension and progression of aortic valve calcification in patients with aortic stenosis: results from the PROGRESSA study. European Heart Journal Cardiovascular Imaging, 2017, 18, 70-78.	0.5	63
64	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
65	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
66	Regression of Left Ventricular Mass After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2020, 75, 2446-2458.	1.2	60
67	Pathophysiology and management of multivalvular disease. Nature Reviews Cardiology, 2016, 13, 429-440.	6.1	59
68	Surgical aortic valve replacement and patientâ€“prosthesis mismatch: a meta-analysis of 108â€‰182 patients. European Journal of Cardio-thoracic Surgery, 2019, 56, 44-54.	0.6	58
69	Age, Sex, and Valve Phenotype Differences in Fibroâ€Calcific Remodeling of Calcified Aortic Valve. Journal of the American Heart Association, 2020, 9, e015610.	1.6	58
70	Moderate Aortic Stenosis in Patients WithÂHeartÂFailure and ReducedÂEjectionÂFraction. Journal of the American College of Cardiology, 2021, 77, 2796-2803.	1.2	58
71	Tricuspid Regurgitation Is Associated With Increased Risk of Mortality in Patients With Low-Flow Low-Gradient Aortic Stenosis and Reduced Ejection Fraction. JACC: Cardiovascular Interventions, 2015, 8, 588-596.	1.1	56
72	Impact of left ventricular remodelling patterns on outcomes in patients with aortic stenosis. European Heart Journal Cardiovascular Imaging, 2017, 18, 1378-1387.	0.5	56

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73	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
74	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
75	Prosthesis-Patient Mismatch After Aortic Valve Replacement in the PARTNER 2 Trial and Registry. JACC: Cardiovascular Interventions, 2021, 14, 1466-1477.	1.1	52
76	Two-Dimensional Strain for the Assessment of Left Ventricular Function in Low Flowâ€“Low Gradient Aortic Stenosis, Relationship to Hemodynamics, and Outcome. Circulation: Cardiovascular Imaging, 2013, 6, 268-276.	1.3	51
77	Comprehensive Imaging in Women WithÂOrganic Mitral Regurgitation. JACC: Cardiovascular Imaging, 2016, 9, 388-396.	2.3	50
78	Common Phenotype in Patients With Mitral Valve Prolapse Who Experienced Sudden Cardiac Death. Circulation, 2018, 138, 1067-1069.	1.6	49
79	Paradoxical low-flow, low-gradient aortic stenosis despite preserved left ventricular ejection fraction: new insights from weights of operatively excised aortic valves. European Heart Journal, 2014, 35, 2655-2662.	1.0	46
80	Effect of age and aortic valve anatomy on calcification and haemodynamic severity of aortic stenosis. Heart, 2017, 103, 32-39.	1.2	46
81	Genetic Association Analyses Highlight IL6 , ALPL , and NAV1 As 3 New Susceptibility Genes Underlying Calcific Aortic Valve Stenosis. Circulation Genomic and Precision Medicine, 2019, 12, e002617.	1.6	45
82	Genetic and InÂVitro Inhibition of PCSK9 and Calcific Aortic Valve Stenosis. JACC Basic To Translational Science, 2020, 5, 649-661.	1.9	45
83	Impact of sex on the management and outcome of aortic stenosis patients. European Heart Journal, 2021, 42, 2683-2691.	1.0	44
84	How Do We Reconcile Echocardiography, Computed Tomography, and HybridÂImaging in Assessing Discordant GradingÂof AorticÂStenosisÂSeverity?. JACC: Cardiovascular Imaging, 2019, 12, 267-282.	2.3	43
85	Long-Term Prognostic Value and Serial Changes of Plasma N-Terminal Prohormone B-Type Natriuretic Peptide in Patients Undergoing Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2014, 113, 851-859.	0.7	42
86	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
87	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
88	Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2021, 78, 545-558.	1.2	41
89	Cleft-like indentations in myxomatous mitral valves by three-dimensional echocardiographic imaging. Heart, 2015, 101, 1111-1117.	1.2	40
90	Impact of Valvuloarterial Impedance on 2-Year Outcome of Patients Undergoing Transcatheter Aortic Valve Implantation. Journal of the American Society of Echocardiography, 2013, 26, 691-698.	1.2	39

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91	Management of Paradoxical Low-Flow, Low-Gradient Aortic Stenosis. Journal of the American College of Cardiology, 2015, 65, 67-71.	1.2	39
92	A Machine-Learning Framework to Identify Distinct Phenotypes of AorticÂStenosis Severity. JACC: Cardiovascular Imaging, 2021, 14, 1707-1720.	2.3	39
93	Right ventricular longitudinal strain for risk stratification in low-flow, low-gradient aortic stenosis with low ejection fraction. Heart, 2016, 102, 548-554.	1.2	38
94	Lipoprotein(a), Oxidized Phospholipids, and Aortic Valve Microcalcification Assessed by 18F-Sodium Fluoride Positron Emission Tomography and Computed Tomography. CJC Open, 2019, 1, 131-140.	0.7	38
95	Transvalvular Flow, Sex, and Survival After Valve Replacement Surgery in Patients With Severe Aortic Stenosis. Journal of the American College of Cardiology, 2020, 75, 1897-1909.	1.2	35
96	Performance-based functional assessment of patients undergoing transcatheter aortic valve implantation. American Heart Journal, 2011, 161, 726-734.	1.2	34
97	Prognostic Value of N-Terminal Proâ€“B-Type Natriuretic Peptide in Elderly Patients With Valvular Heart Disease. Journal of the American College of Cardiology, 2020, 75, 1659-1672.	1.2	34
98	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
99	Genetic Variation in LPA, Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. JAMA Cardiology, 2019, 4, 620.	3.0	32
100	Effect of bicuspid aortic valve phenotype on progression of aortic stenosis. European Heart Journal Cardiovascular Imaging, 2020, 21, 727-734.	0.5	32
101	Reclassification of prosthesisâ€“patient mismatch after transcatheter aortic valve replacement using predicted vs. measured indexed effective orifice area. European Heart Journal Cardiovascular Imaging, 2021, 22, 11-20.	0.5	32
102	Contrast-enhanced computed tomography assessment of aortic stenosis. Heart, 2021, 107, 1905-1911.	1.2	32
103	Insulin Resistance and LVH Progression in Patients With Calcific Aortic Stenosis. JACC: Cardiovascular Imaging, 2013, 6, 165-174.	2.3	31
104	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
105	Left Ventricular Hypertrophy and ClinicalÂOutcomes Over 5 Years AfterÂTAVR. JACC: Cardiovascular Interventions, 2020, 13, 1329-1339.	1.1	30
106	Apical Aortic Valve Implantation in a Patient With a Mechanical Valve Prosthesis in Mitral Position. Circulation: Cardiovascular Interventions, 2008, 1, 233-233.	1.4	29
107	Calcific Aortic Valve Stenosis and Atherosclerotic Calcification. Current Atherosclerosis Reports, 2020, 22, 2.	2.0	29
108	Impact of Vascular Hemodynamics on Aortic Stenosis Evaluation: New Insights Into the Pathophysiology of Normal Flowâ€”Small Aortic Valve Areaâ€”Low Gradient Pattern. Journal of the American Heart Association, 2017, 6, .	1.6	28

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109	B-Type Natriuretic Peptide and High-Sensitivity Cardiac Troponin for RiskÂStratification in Low-Flow, Low-Gradient Aortic Stenosis. JACC: Cardiovascular Imaging, 2018, 11, 939-947.	2.3	28
110	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. European Heart Journal, 2020, 41, 958-969.	1.0	28
111	Chronic Kidney Disease and the Pathophysiology of Valvular Heart Disease. Canadian Journal of Cardiology, 2019, 35, 1195-1207.	0.8	27
112	Visceral Adiposity and Left Ventricular Mass and Function in Patients With Aortic Stenosis: The PROGRESSA Study. Canadian Journal of Cardiology, 2014, 30, 1080-1087.	0.8	26
113	Multimarker Approach to Identify Patients With Higher Mortality andÂRehospitalization Rate After SurgicalÂAortic Valve Replacement forÂAortic Stenosis. JACC: Cardiovascular Interventions, 2018, 11, 2172-2181.	1.1	26
114	Sex and Race Differences in the Pathophysiology, Diagnosis, Treatment, and Outcomes of Valvular HeartÂDiseases. Canadian Journal of Cardiology, 2021, 37, 980-991.	0.8	25
115	Evolution and prognostic impact of low flow after transcatheter aortic valve replacement. Heart, 2015, 101, 1196-1203.	1.2	24
116	The Canadian Womenâ€™s Heart Health Alliance ATLAS on the Epidemiology, Diagnosis, and Management of Cardiovascular Disease in Womenâ€”Chapter 2: Scope of the Problem. CJC Open, 2021, 3, 1-11.	0.7	24
117	Transcatheter versus surgical valve replacement for a failed pulmonary homograft in the Ross population. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1434-1444.	0.4	23
118	Sex Differences in the Pathophysiology, Diagnosis, and Management of Aortic Stenosis. Cardiology Clinics, 2020, 38, 129-138.	0.9	23
119	Estimation of Stroke Volume and Aortic Valve Area in Patients with Aortic Stenosis: A Comparison of Echocardiography versus Cardiovascular Magnetic Resonance. Journal of the American Society of Echocardiography, 2020, 33, 953-963.e5.	1.2	23
120	Myocardial injury following transcatheter aortic valve implantation: insights from delayed-enhancement cardiovascular magnetic resonance. EuroIntervention, 2015, 11, 205-213.	1.4	23
121	Concomitant mitral regurgitation and aortic stenosis: one step further to low-flow preserved ejection fraction aortic stenosis. European Heart Journal Cardiovascular Imaging, 2018, 19, 569-573.	0.5	22
122	Impact of surgical aortic root enlargement on the outcomes of aortic valve replacement: a meta-analysis of 13â€‰174 patients. Interactive Cardiovascular and Thoracic Surgery, 2019, 29, 74-82.	0.5	22
123	Paradoxical Low Flow Aortic Valve Stenosis: Incidence, Evaluation, and Clinical Significance. Current Cardiology Reports, 2014, 16, 431.	1.3	21
124	Left Ventricular Outflow Tract Geometry and Dynamics in Aortic Stenosis: Implications for the Echocardiographic Assessment ofÂAortic Valve Area. Journal of the American Society of Echocardiography, 2015, 28, 1267-1269.	1.2	21
125	Oral Anticoagulation Therapy and Progression of Calcific Aortic Valve Stenosis. Journal of the American College of Cardiology, 2019, 73, 1869-1871.	1.2	21
126	The Canadian Womenâ€™s Heart Health Alliance Atlas on the Epidemiology, Diagnosis, and Management of Cardiovascular Disease in Women â€” Chapter 5: Sex- and Gender-Unique Manifestations of Cardiovascular Disease. CJC Open, 2022, 4, 243-262.	0.7	21

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127	Prosthesis-Patient Mismatch After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2018, 72, 2712-2716.	1.2	20
128	Assessment of low-flow, low-gradient aortic stenosis: multimodality imaging is the key to success. EuroIntervention, 2014, 10, U52-U60.	1.4	20
129	Forward Left Ventricular Ejection Fraction: A Simple Risk Marker in Patients With Primary Mitral Regurgitation. Journal of the American Heart Association, 2017, 6, .	1.6	18
130	The Role of Imaging in Measuring Disease Progression and Assessing Novel Therapies in Aortic Stenosis. JACC: Cardiovascular Imaging, 2019, 12, 185-197.	2.3	18
131	Outcome of Flow-Gradient Patterns of Aortic Stenosis After Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2020, 13, e008792.	1.4	18
132	Subclinical bioprosthetic aortic valve thrombosis. Current Opinion in Cardiology, 2017, 32, 137-146.	0.8	17
133	Comparison of Early Surgical or Transcatheter Aortic Valve Replacement Versus Conservative Management in Lowâ€Flow, Lowâ€Gradient Aortic Stenosis Using Inverse Probability of Treatment Weighting: Results From the TOPAS Prospective Observational Cohort Study. Journal of the American Heart Association, 2020, 9, e017870.	1.6	17
134	Blood, tissue and imaging biomarkers in calcific aortic valve stenosis. Current Opinion in Cardiology, 2018, 33, 125-133.	0.8	16
135	Association of Bioprosthetic Aortic Valve Leaflet Calcification on Hemodynamic and Clinical Outcomes. Journal of the American College of Cardiology, 2020, 76, 1737-1748.	1.2	16
136	Mitral Regurgitation in Low-Flow, Low-Gradient Aortic Stenosis PatientsÂUndergoing TAVR. JACC: Cardiovascular Interventions, 2020, 13, 567-579.	1.1	16
137	Circulating Levels of Matrix Gla Protein and Progression of Aortic Stenosis: A Substudy of the Aortic Stenosis Progression Observation: Measuring Effects of RosuvastatinÂ(ASTRONOMER) Trial. Canadian Journal of Cardiology, 2014, 30, 1088-1095.	0.8	14
138	Workup and Management of Patients With Paradoxical Low-Flow, Low-Gradient Aortic Stenosis. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 49.	0.4	14
139	Sex-Related Factors in Valvular Heart Disease. Journal of the American College of Cardiology, 2022, 79, 1506-1518.	1.2	14
140	Normal-Flow Low-Gradient Severe Aortic Stenosis: Myth or Reality?. Structural Heart, 2018, 2, 180-187.	0.2	13
141	Dobutamine Stress Echocardiography in Lowâ€Flow, Lowâ€Gradient Aortic Stenosis: Flow Reserve Does Not Matter Anymore. Journal of the American Heart Association, 2019, 8, e012212.	1.6	13
142	Association of Natriuretic Peptide Levels After Transcatheter Aortic Valve Replacement With Subsequent Clinical Outcomes. JAMA Cardiology, 2020, 5, 1113.	3.0	13
143	The Canadian Womenâ€™s Heart Health Alliance Atlas on the Epidemiology, Diagnosis, and Management of Cardiovascular Disease in Women â€" Chapter 6: Sex- and Gender-Specific Diagnosis and Treatment. CJC Open, 2022, 4, 589-608.	0.7	13
144	Optimization of Doppler Echocardiographic Velocity Measurements Using an Automatic Contour Detection Method. Ultrasound in Medicine and Biology, 2010, 36, 1513-1524.	0.7	12

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145	Lipoprotein-associated phospholipase A2 activity, genetics and calcific aortic valve stenosis in humans. Heart, 2020, 106, 1407-1412.	1.2	12
146	Early benefits of bariatric surgery on subclinical cardiac function: Contribution of visceral fat mobilization. Metabolism: Clinical and Experimental, 2021, 119, 154773.	1.5	12
147	The marvel of percutaneous cardiovascular devices in the elderly. Annals of the New York Academy of Sciences, 2010, 1197, 188-199.	1.8	11
148	Valve-in-Valve Procedure in FailedÂTranscatheter Aortic Valves. JACC: Cardiovascular Imaging, 2019, 12, 198-202.	2.3	11
149	Sex-Specific Associations of Genetically Predicted Circulating Lp(a) (Lipoprotein(a)) and Hepatic LPA Gene Expression Levels With Cardiovascular Outcomes: Mendelian Randomization and Observational Analyses. Circulation Genomic and Precision Medicine, 2021, 14, e003271.	1.6	11
150	Immediate Outcomes of Aortic Valve Neocuspidization with Glutaraldehyde-treated Autologous Pericardium: a Multicenter Study. Brazilian Journal of Cardiovascular Surgery, 2020, 35, 241-248.	0.2	11
151	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. EuroIntervention, 2018, 14, e282-e289.	1.4	11
152	Relationship Between QT Interval and Outcome in Lowâ€Flow Lowâ€Gradient Aortic Stenosis With Low Left Ventricular Ejection Fraction. Journal of the American Heart Association, 2016, 5, .	1.6	10
153	Doppler Echocardiographic Quantitation of Aortic Valve Stenosis: A Science in Constant Evolution. Journal of the American Society of Echocardiography, 2016, 29, 1019-1022.	1.2	10
154	ApoB/ApoAâ€I Ratio is Associated With Faster Hemodynamic Progression of Aortic Stenosis: Results From the PROGRESSA (Metabolic Determinants of the Progression of Aortic Stenosis) Study. Journal of the American Heart Association, 2018, 7, .	1.6	10
155	Haemodynamic outcomes following aortic valve-in-valve procedure. Open Heart, 2018, 5, e000854.	0.9	10
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