Phillippe Pibarot

List of Publications by Year
in descending order

557 papers	49,929 citations	1461 110 h-index	2289 206 g-index
571 all docs	571 docs citations	571 times ranked	21595 citing authors

#	Article	IF	Citations
1	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. New England Journal of Medicine, 2016, 374, 1609-1620.	13.9	3,992
2	Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients. New England Journal of Medicine, 2019, 380, 1695-1705.	13.9	3,312
3	2021 ESC/EACTS Guidelines for the management of valvular heart disease. European Heart Journal, 2022, 43, 561-632.	1.0	2,169
4	Abdominal Obesity and the Metabolic Syndrome: Contribution to Global Cardiometabolic Risk. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1039-1049.	1.1	1,245
5	Transcatheter aortic valve replacement versus surgical valve replacement in intermediate-risk patients: a propensity score analysis. Lancet, The, 2016, 387, 2218-2225.	6.3	899
6	Paradoxical Low-Flow, Low-Gradient Severe Aortic Stenosis Despite Preserved Ejection Fraction Is Associated With Higher Afterload and Reduced Survival. Circulation, 2007, 115, 2856-2864.	1.6	818
7	Prosthetic Heart Valves. Circulation, 2009, 119, 1034-1048.	1.6	634
8	Calcific aortic stenosis. Nature Reviews Disease Primers, 2016, 2, 16006.	18.1	568
9	Hemodynamic and clinical impact of prosthesisâ€“patient mismatch in the aortic valve position and its prevention. Journal of the American College of Cardiology, 2000, 36, 1131-1141.	1.2	559
10	Mechanisms, Prevention, and Treatment of Atrial Fibrillation After Cardiac Surgery. Journal of the American College of Cardiology, 2008, 51, 793-801.	1.2	527
11	Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement. New England Journal of Medicine, 2020, 382, 799-809.	13.9	520
12	Impact of Valve Prosthesis-Patient Mismatch on Short-Term Mortality After Aortic Valve Replacement. Circulation, 2003, 108, 983-988.	1.6	502
13	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
14	Reduced Systemic Arterial Compliance Impacts Significantly on Left Ventricular Afterload and Function in Aortic Stenosis. Journal of the American College of Cardiology, 2005, 46, 291-298.	1.2	433
15	Valve Academic Research Consortium 3: Updated Endpoint Definitions for AorticÂValve Clinical Research. Journal of the American College of Cardiology, 2021, 77, 2717-2746.	1.2	416
16	Recommendations for the imaging assessment of prosthetic heart valves: a report from the European Association of Cardiovascular Imaging endorsed by the Chinese Society of Echocardiography, the Inter-American Society of Echocardiography, and the Brazilian Department of Cardiovascular Imaging^{â€}. European Heart Journal Cardiovascular Imaging, 2016, 17, 589-590.	0.5	411
17	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
18	The impact of prosthesisâ€“patient mismatch on long-term survival after aortic valve replacement: a systematic review and meta-analysis of 34 observational studies comprising 27 186 patients with 133 141 patient-years. European Heart Journal, 2012, 33, 1518-1529.	1.0	410

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19	Visceral Obesity. Hypertension, 2009, 53, 577-584.	1.3	398
20	Paravalvular regurgitation after transcatheter aortic valve replacement with the Edwards sapien valve in the PARTNER trial: characterizing patients and impact on outcomes. European Heart Journal, 2015, 36, 449-456.	1.0	380
21	Predictors of Mortality and Outcomes of Therapy in Low-Flow Severe Aortic Stenosis. Circulation, 2013, 127, 2316-2326.	1.6	373
22	Low-Flow, Low-Gradient Aortic Stenosis With Normal and Depressed Left Ventricular Ejection Fraction. Journal of the American College of Cardiology, 2012, 60, 1845-1853.	1.2	368
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	Staging classification of aortic stenosis based on the extent of cardiac damage. European Heart Journal, 2017, 38, 3351-3358.	1.0	364
25	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. Circulation, 2018, 137, 388-399.	1.6	350
26	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
27	2021 ESC/EACTS Guidelines for the management of valvular heart disease. European Journal of Cardio-thoracic Surgery, 2021, 60, 727-800.	0.6	344
28	Bicuspid Aortic Valve. Circulation, 2014, 129, 2691-2704.	1.6	342
29	Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. European Heart Journal, 2021, 42, 1825-1857.	1.0	342
30	The Impact of Integration of a Multidetector Computed Tomography Annulus Area Sizing Algorithm on Outcomes of Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2013, 62, 431-438.	1.2	322
31	Incidence and Sequelae of Prosthesis-Patient Mismatch in Transcatheter Versus Surgical Valve Replacement in High-Risk Patients With Severe Aortic Stenosis. Journal of the American College of Cardiology, 2014, 64, 1323-1334.	1.2	317
32	Usefulness of the Valvuloarterial Impedance to Predict Adverse Outcome in Asymptomatic Aortic Stenosis. Journal of the American College of Cardiology, 2009, 54, 1003-1011.	1.2	312
33	Early clinical and echocardiographic outcomes after SAPIEN 3 transcatheter aortic valve replacement in inoperable, high-risk and intermediate-risk patients with aortic stenosis. European Heart Journal, 2016, 37, 2252-2262.	1.0	305
34	The clinical use of stress echocardiography in non-ischaemic heart disease: recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. European Heart Journal Cardiovascular Imaging, 2016, 17, 1191-1229.	0.5	300
35	Assessment of Aortic Valve Stenosis Severity. Circulation, 2000, 101, 765-771.	1.6	295
36	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

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37	Oxidized Phospholipids, Lipoprotein(a),Âand Progression of CalcificÂAortic ValveÂStenosis. Journal of the American College of Cardiology, 2015, 66, 1236-1246.	1.2	295
38	Paradoxical low flow and/or low gradient severe aortic stenosis despite preserved left ventricular ejection fraction: implications for diagnosis and treatment. European Heart Journal, 2010, 31, 281-289.	1.0	293
39	Long-Term Outcomes After Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2012, 60, 1864-1875.	1.2	283
40	Cerebral Embolism Following Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2011, 57, 18-28.	1.2	271
41	Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses. Journal of the American College of Cardiology, 2017, 69, 2253-2262.	1.2	271
42	Computed Tomography Aortic Valve Calcium Scoring in Patients With Aortic Stenosis. Circulation: Cardiovascular Imaging, 2018, 11, e007146.	1.3	251
43	Aortic Bioprosthetic Valve Durability. Journal of the American College of Cardiology, 2017, 70, 1013-1028.	1.2	248
44	Preoperative Posterior Leaflet Angle Accurately Predicts Outcome After Restrictive Mitral Valve Annuloplasty for Ischemic Mitral Regurgitation. Circulation, 2007, 115, 782-791.	1.6	240
45	Projected Valve Area at Normal Flow Rate Improves the Assessment of Stenosis Severity in Patients With Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2006, 113, 711-721.	1.6	237
46	Low-gradient aortic stenosis. European Heart Journal, 2016, 37, 2645-2657.	1.0	237
47	Impact of Prosthesis-Patient Mismatch on Long-Term Survival After Aortic Valve Replacement. Journal of the American College of Cardiology, 2009, 53, 39-47.	1.2	234
48	Usefulness of exercise-stress echocardiography for risk stratification of true asymptomatic patients with aortic valve stenosis. European Heart Journal, 2010, 31, 1390-1397.	1.0	231
49	Assessment of Paravalvular Regurgitation Following TAVR. JACC: Cardiovascular Imaging, 2015, 8, 340-360.	2.3	231
50	Predictive Factors and Long-Term Clinical Consequences of Persistent Left Bundle Branch Block Following Transcatheter Aortic Valve Implantation With a Balloon-Expandable Valve. Journal of the American College of Cardiology, 2012, 60, 1743-1752.	1.2	228
51	Infective Endocarditis After Transcatheter Aortic Valve Implantation. Circulation, 2015, 131, 1566-1574.	1.6	227
52	Incidence, Predictive Factors, and Prognostic Value of New-Onset Atrial Fibrillation Following Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2012, 59, 178-188.	1.2	223
53	The Emerging Role of Exercise Testing and Stress Echocardiography in Valvular Heart Disease. Journal of the American College of Cardiology, 2009, 54, 2251-2260.	1.2	219
54	Comparison of Transcatheter and SurgicalÂAortic Valve Replacement in SevereÂAorticÂStenosis. Journal of the American College of Cardiology, 2013, 61, 2514-2521.	1.2	218

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55	Predictors of Outcomes in Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2008, 118, S234-42.	1.6	208
56	The Clinical Use of Stress Echocardiography in Non-Ischaemic Heart Disease: Recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. Journal of the American Society of Echocardiography, 2017, 30, 101-138.	1.2	207
57	Incidence, Timing, and Predictors of ValveÂHemodynamic Deterioration After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2016, 67, 644-655.	1.2	205
58	Outcomes 2 Years After Transcatheter Aortic Valve Replacement in Patients at Low Surgical Risk. Journal of the American College of Cardiology, 2021, 77, 1149-1161.	1.2	204
59	Impact of Prosthesis-Patient Mismatch on Cardiac Events and Midterm Mortality After Aortic Valve Replacement in Patients With Pure Aortic Stenosis. Circulation, 2006, 113, 570-576.	1.6	199
60	Natural History, Diagnostic Approaches, and Therapeutic Strategies for Patients With Asymptomatic Severe Aortic Stenosis. Journal of the American College of Cardiology, 2016, 67, 2263-2288.	1.2	198
61	Restrictive Annuloplasty for Ischemic Mitral Regurgitation May Induce Functional Mitral Stenosis. Journal of the American College of Cardiology, 2008, 51, 1692-1701.	1.2	187
62	Predictive Factors, Efficacy, and Safety of Balloon Post-Dilation After Transcatheter Aortic Valve Implantation With a Balloon-Expandable Valve. JACC: Cardiovascular Interventions, 2012, 5, 499-512.	1.1	187
63	Autotaxin Derived From Lipoprotein(a) and Valve Interstitial Cells Promotes Inflammation and Mineralization of the Aortic Valve. Circulation, 2015, 132, 677-690.	1.6	185
64	Discrepancies between catheter and Doppler estimates of valve effective orifice area can be predicted from the pressure recovery phenomenon. Journal of the American College of Cardiology, 2003, 41, 435-442.	1.2	183
65	Altered DNA Methylation of Long Noncoding RNA H19 in Calcific Aortic Valve Disease Promotes Mineralization by Silencing NOTCH1. Circulation, 2016, 134, 1848-1862.	1.6	182
66	Aortic Stenosis and Cardiac Amyloidosis. Journal of the American College of Cardiology, 2019, 74, 2638-2651.	1.2	182
67	Incidence, Predictive Factors, and Prognostic Value of Myocardial Injury Following Uncomplicated Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2011, 57, 1988-1999.	1.2	177
68	Outcomes of Patients With Asymptomatic Aortic Stenosis Followed Up in Heart Valve Clinics. JAMA Cardiology, 2018, 3, 1060.	3.0	177
69	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
70	Downregulation of MicroRNA-126 Contributes to the Failing Right Ventricle in Pulmonary Arterial Hypertension. Circulation, 2015, 132, 932-943.	1.6	173
71	One-Year Clinical Outcomes With SAPIEN 3 Transcatheter Aortic Valve Replacement in High-Risk and Inoperable Patients With Severe Aortic Stenosis. Circulation, 2016, 134, 130-140.	1.6	172
72	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

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73	Predictors and Outcomes of Prosthesis-Patient Mismatch AfterÂAorticÂValve Replacement. JACC: Cardiovascular Imaging, 2016, 9, 924-933.	2.3	168
74	Inflammation Is Associated with the Remodeling of Calcific Aortic Valve Disease. Inflammation, 2013, 36, 573-581.	1.7	163
75	The Incidence and Consequence of Prosthesis-Patient Mismatch After Surgical Aortic Valve Replacement. Annals of Thoracic Surgery, 2018, 106, 14-22.	0.7	161
76	Improving Assessment of Aortic Stenosis. Journal of the American College of Cardiology, 2012, 60, 169-180.	1.2	160
77	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
78	Obesity and Metabolic Syndrome Are Independent Risk Factors for Atrial Fibrillation After Coronary Artery Bypass Graft Surgery. Circulation, 2007, 116, I213-9.	1.6	157
79	Association of Paravalvular Regurgitation With 1-Year Outcomes After Transcatheter Aortic Valve Replacement With the SAPIEN 3 Valve. JAMA Cardiology, 2017, 2, 1208.	3.0	155
80	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
81	Staging Cardiac Damage in Patients With Asymptomatic Aortic Valve Stenosis. Journal of the American College of Cardiology, 2019, 74, 550-563.	1.2	152
82	Association Between Plasma LDL Particle Size, Valvular Accumulation of Oxidized LDL, and Inflammation in Patients With Aortic Stenosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 187-193.	1.1	151
83	Metabolic Syndrome Negatively Influences Disease Progression and Prognosis in Aortic Stenosis. Journal of the American College of Cardiology, 2006, 47, 2229-2236.	1.2	150
84	ESC Working Group on Valvular Heart Disease Position Paper--heart valve clinics: organization, structure, and experiences. European Heart Journal, 2013, 34, 1597-1606.	1.0	150
85	MITRA-FR vs. COAPT: lessons from two trials with diametrically opposed results. European Heart Journal Cardiovascular Imaging, 2019, 20, 620-624.	0.5	149
86	Significant Mitral Regurgitation Left Untreated at the Time of Aortic Valve Replacement. Journal of the American College of Cardiology, 2014, 63, 2643-2658.	1.2	147
87	Need for Permanent Pacemaker as a Complication of Transcatheter Aortic Valve Implantation and Surgical Aortic Valve Replacement in Elderly Patients With Severe Aortic Stenosis and Similar Baseline Electrocardiographic Findings. JACC: Cardiovascular Interventions, 2012, 5, 540-551.	1.1	145
88	Visceral obesity and the heart. International Journal of Biochemistry and Cell Biology, 2008, 40, 821-836.	1.2	142
89	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 ETQq1 1 0.784314 rgBT /Ov		
90	Transcatheter Aortic Valve Implantation: A Canadian Cardiovascular Society Position Statement. Canadian Journal of Cardiology, 2012, 28, 520-528.	0.8	142

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91	Rationale and design of the Transcatheter Aortic Valve Replacement to UNload the Left ventricle in patients with ADvanced heart failure (TAVR UNLOAD) trial. American Heart Journal, 2016, 182, 80-88.	1.2	142
92	Cardiac Imaging for Assessing Low-Gradient Severe Aortic Stenosis. JACC: Cardiovascular Imaging, 2017, 10, 185-202.	2.3	141
93	Outcomes of Transcatheter and Surgical Aortic Valve Replacement in High-Risk Patients With Aortic Stenosis and Left Ventricular Dysfunction. Circulation: Cardiovascular Interventions, 2013, 6, 604-614.	1.4	139
94	Progression of Hypertrophy and Myocardial Fibrosis in Aortic Stenosis. Circulation: Cardiovascular Imaging, 2018, 11, e007451.	1.3	139
95	Mitral Repair versus Replacement for Ischemic Mitral Regurgitation. Circulation, 2009, 120, S104-11.	1.6	134
96	Impact of Prosthesis-Patient Mismatch on Survival After Mitral Valve Replacement. Circulation, 2007, 115, 1417-1425.	1.6	133
97	B-Type Natriuretic Peptide in Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2007, 115, 2848-2855.	1.6	133
98	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
99	Ischemic Mitral Regurgitation: A Complex Multifaceted Disease. Cardiology, 2009, 112, 244-259.	0.6	131
100	Pulmonary Hypertension in Valvular Disease. JACC: Cardiovascular Imaging, 2015, 8, 83-99.	2.3	131
101	Comprehensive Echocardiographic Assessment of Normal Transcatheter Valve Function. JACC: Cardiovascular Imaging, 2019, 12, 25-34.	2.3	130
102	Patient-prosthesis mismatch can be predicted at the time of operation. Annals of Thoracic Surgery, 2001, 71, S265-S268.	0.7	128
103	Hemodynamic and physical performance during maximal exercise in patients with an aortic bioprosthetic valve. Journal of the American College of Cardiology, 1999, 34, 1609-1617.	1.2	126
104	Refining Molecular Pathways Leading to Calcific Aortic Valve Stenosis by Studying Gene Expression Profile of Normal and Calcified Stenotic Human Aortic Valves. Circulation: Cardiovascular Genetics, 2009, 2, 489-498.	5.1	123
105	3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses. Journal of the American College of Cardiology, 2019, 73, 2647-2655.	1.2	123
106	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
107	Incidence and Severity of Paravalvular Aortic Regurgitation With Multidetector Computed Tomography Nominal Area Oversizing or Undersizing After Transcatheter Heart Valve Replacement With the Sapien 3. JACC: Cardiovascular Interventions, 2015, 8, 462-471.	1.1	122
108	Prognostic Implications of Moderate AorticÂStenosis in Patients With LeftÂVentricular SystolicÂDysfunction. Journal of the American College of Cardiology, 2017, 69, 2383-2392.	1.2	122

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109	Multi-modality imaging assessment of native valvular regurgitation: an EACVI and ESC council of valvular heart disease position paper. European Heart Journal Cardiovascular Imaging, 2022, 23, e171-e232.	0.5	121
110	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
111	Impact of valve prosthesis-patient mismatch on pulmonary arterial pressure after mitral valve replacement. Journal of the American College of Cardiology, 2005, 45, 1034-1040.	1.2	117
112	Clinical impact and evolution of mitral regurgitation following transcatheter aortic valve replacement: a meta-analysis. Heart, 2015, 101, 1395-1405.	1.2	115
113	Elevated Expression of Lipoprotein-Associated Phospholipase A2 in Calcific Aortic Valve Disease. Journal of the American College of Cardiology, 2014, 63, 460-469.	1.2	108
114	Open issues in transcatheter aortic valve implantation. Part 2: procedural issues and outcomes after transcatheter aortic valve implantation. European Heart Journal, 2014, 35, 2639-2654.	1.0	105
115	Impact of Metabolic Syndrome on Progression of Aortic Stenosis. Journal of the American College of Cardiology, 2012, 60, 216-223.	1.2	103
116	Outcome and Impact of Surgery in Paradoxical Low-Flow, Low-Gradient Severe Aortic Stenosis and Preserved Left Ventricular Ejection Fraction. Circulation, 2013, 128, S235-42.	1.6	97
117	Long-term outcomes after transcatheter aortic valve implantation in failed bioprosthetic valves. European Heart Journal, 2020, 41, 2731-2742.	1.0	97
118	Usefulness of TEE as the Primary Imaging Technique to Guide Transcatheter Transapical Aortic Valve Implantation. JACC: Cardiovascular Imaging, 2011, 4, 115-124.	2.3	96
119	Open issues in transcatheter aortic valve implantation. Part 1: patient selection and treatment strategy for transcatheter aortic valve implantation. European Heart Journal, 2014, 35, 2627-2638.	1.0	96
120	Transcatheter Tricuspid Valve Repair WithÂa New Transcatheter Coaptation System for the Treatment of Severe Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2017, 10, 1994-2003.	1.1	96
121	Transcatheter Aortic Valve Implantation in Patients With Severe Aortic Stenosis and Small Aortic Annulus. Journal of the American College of Cardiology, 2011, 58, 1016-1024.	1.2	94
122	Staging Cardiac Damage in Patients With Symptomatic Aortic Valve Stenosis. Journal of the American College of Cardiology, 2019, 74, 538-549.	1.2	93
123	Transcatheter Aortic Valve Replacement in Bicuspid Aortic Valve Stenosis. Circulation, 2021, 143, 1043-1061.	1.6	93
124	Metabolic Syndrome Is Associated With Faster Degeneration of Bioprosthetic Valves. Circulation, 2006, 114, I-512-I-517.	1.6	91
125	Clinical Impact of Aortic RegurgitationÂAfter Transcatheter AorticÂValve Replacement. JACC: Cardiovascular Interventions, 2014, 7, 1022-1032.	1.1	91
126	Impact of Pre-Existing Prosthesis-Patient Mismatch on Survival Following AorticÂValve-in-ValveÂProcedures. JACC: Cardiovascular Interventions, 2018, 11, 133-141.	1.1	91

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127	Impact of Aortic Annulus Size on Valve Hemodynamics and Clinical Outcomes After Transcatheter and Surgical Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2014, 7, 701-711.	1.4	90
128	Transcatheter Aortic Heart Valves. JACC: Cardiovascular Imaging, 2019, 12, 135-145.	2.3	89
129	Echocardiographic Results of Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk Patients. Circulation, 2020, 141, 1527-1537.	1.6	89
130	Validation and Characterization of Transcatheter Aortic Valve Effective Orifice Area Measured by Doppler Echocardiography. JACC: Cardiovascular Imaging, 2011, 4, 1053-1062.	2.3	88
131	Clinical Trial Principles and Endpoint Definitions for Paravalvular Leaks in Surgical Prosthesis. Journal of the American College of Cardiology, 2017, 69, 2067-2087.	1.2	88
132	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
133	Incidence, risk factors, clinical impact, and management of bioprosthesis structural valve degeneration. Current Opinion in Cardiology, 2017, 32, 123-129.	0.8	87
134	Surgical treatment of bicuspid aortic valve disease: Knowledge gaps and research perspectives. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1749-1757.e1.	0.4	86
135	Valve-in-Valve Transcatheter Aortic Valve Replacement Versus Redo Surgical Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2021, 14, 211-220.	1.1	86
136	Dobutamine Stress Echocardiography forÂManagement of Low-Flow, Low-Gradient AorticÂStenosis. Journal of the American College of Cardiology, 2018, 71, 475-485.	1.2	85
137	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
138	Outcomes With Post-Dilation Following Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2014, 7, 781-789.	1.1	83
139	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
140	Long-Term Valve Performance of TAVR and SAVR. JACC: Cardiovascular Imaging, 2017, 10, 15-25.	2.3	83
141	Imaging for Predicting and Assessing Prosthesis-Patient Mismatch AfterÂAorticÂValveÂReplacement. JACC: Cardiovascular Imaging, 2019, 12, 149-162.	2.3	83
142	Implementation of Echocardiography Core Laboratory Best Practices: A Case Study of the PARTNER I Trial. Journal of the American Society of Echocardiography, 2013, 26, 348-358.e3.	1.2	82
143	Timing of intervention in aortic stenosis: a review of current and future strategies. Heart, 2018, 104, 2067-2076.	1.2	82
144	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

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145	Comparison of Hemodynamic Performance of Self-Expandable CoreValve Versus Balloon-Expandable Edwards SAPIEN Aortic Valves Inserted by Catheter for Aortic Stenosis. American Journal of Cardiology, 2013, 111, 1026-1033.	0.7	79
146	Comparison of Hemodynamic Performance of the Balloon-Expandable SAPIEN 3 Versus SAPIEN XT Transcatheter Valve. American Journal of Cardiology, 2014, 114, 1075-1082.	0.7	79
147	Rate, Timing, Correlates, and Outcomes of Hemodynamic Valve Deterioration After Bioprosthetic Surgical Aortic Valve Replacement. Circulation, 2018, 138, 971-985.	1.6	77
148	OxLDL-derived lysophosphatidic acid promotes the progression of aortic valve stenosis through a LPAR1-RhoAâ€“NF-ÎºB pathway. Cardiovascular Research, 2017, 113, 1351-1363.	1.8	76
149	Association of Mild to Moderate Aortic Valve Stenosis Progression With Higher Lipoprotein(a) and Oxidized Phospholipid Levels. JAMA Cardiology, 2018, 3, 1212.	3.0	76
150	Prognostic importance of brain natriuretic peptide and left ventricular longitudinal function in asymptomatic degenerative mitral regurgitation. Heart, 2012, 98, 584-591.	1.2	75
151	Impact of hypertension and reninâ€“angiotensin system inhibitors in aortic stenosis. European Journal of Clinical Investigation, 2013, 43, 1262-1272.	1.7	75
152	Prosthetic Valve Endocarditis After TAVR and SAVR. Circulation, 2019, 140, 1984-1994.	1.6	75
153	Echocardiographic predictors of outcomes in adults with aortic stenosis. Heart, 2016, 102, 934-942.	1.2	74
154	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
155	Prosthesis-Patient Mismatch: An Update. Current Cardiology Reports, 2011, 13, 250-257.	1.3	73
156	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
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