

Catherine M Otto

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

289
papers

40,725
citations

65
h-index

201
g-index

391
ext. papers

47,974
ext. citations

6.9
avg, IF

7.26
L-index

#	Paper	IF	Citations
289	Recommendations for evaluation of the severity of native valvular regurgitation with two-dimensional and Doppler echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2003 , 16, 777-802	5.8	3276
288	Guidelines on the management of valvular heart disease (version 2012). <i>European Heart Journal</i> , 2012 , 33, 2451-96	9.5	2866
287	2014 AHA/ACC guideline for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2014 , 63, e57-185	15.1	1905
286	2017 AHA/ACC Focused Update of the 2014 AHA/ACC Guideline for the Management of Patients With Valvular Heart Disease: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 252-289	15.1	1681
285	Recommendations for quantification of Doppler echocardiography: a report from the Doppler Quantification Task Force of the Nomenclature and Standards Committee of the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2002 , 15, 167-84	5.8	1681
284	ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (writing committee to revise the 1998 Guidelines for the Management of Patients With Valvular Heart Disease): developed in collaboration with the Society of Cardiovascular Anesthesiologists: Clinical factors associated with calcific aortic valve disease. Cardiovascular Health Study. <i>Journal of the American College of Cardiology</i> , 1997 , 29, 630-4	16.7	1634
283	ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (writing committee to revise the 1998 guidelines for the management of patients with valvular heart disease): developed in collaboration with the Society of Cardiovascular Anesthesiologists: Clinical factors associated with calcific aortic valve disease. Cardiovascular Health Study. <i>Journal of the American College of Cardiology</i> , 1997 , 29, 630-4	15.1	1431
282	2014 AHA/ACC guideline for the management of patients with valvular heart disease: executive summary: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2438-88	15.1	1349
281	ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (writing Committee to Revise the 1998 guidelines for the management of patients with valvular heart disease): developed in collaboration with the Society of Cardiovascular Anesthesiologists: Clinical factors associated with calcific aortic valve disease. Cardiovascular Health Study. <i>Journal of the American College of Cardiology</i> , 1997 , 29, 630-4	15.1	1307
280	Echocardiographic assessment of valve stenosis: EAE/ASE recommendations for clinical practice. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1-23; quiz 101-2	5.8	1264
279	2017 AHA/ACC Focused Update of the 2014 AHA/ACC Guideline for the Management of Patients With Valvular Heart Disease: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. <i>Circulation</i> , 2017 , 135, e1159-e1195	16.7	1261
278	2008 focused update incorporated into the ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Writing Committee to revise the 1998 guidelines for the management of patients with valvular heart disease). Endorsed by the Society of Guidelines on the management of valvular heart disease: The Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology. <i>European Heart Journal</i> , 2007 , 28, 230-68	15.1	1183
277	Guidelines on the management of valvular heart disease: The Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology. <i>European Heart Journal</i> , 2007 , 28, 230-68	9.5	1105
276	2014 AHA/ACC Guideline for the Management of Patients With Valvular Heart Disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. <i>Circulation</i> , 2014 , 129, e521-643	16.7	1060
275	2014 AHA/ACC Guideline for the Management of Patients With Valvular Heart Disease: executive summary: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. <i>Circulation</i> , 2014 , 129, 2440-92	16.7	1053
274	Guidelines on the management of valvular heart disease (version 2012): the Joint Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, S1-44	3	1002
273	Association of aortic-valve sclerosis with cardiovascular mortality and morbidity in the elderly. <i>New England Journal of Medicine</i> , 1999 , 341, 142-7	59.2	938

272	2008 Focused update incorporated into the ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Writing Committee to Revise the 1998 Guidelines for the Management of Patients With Valvular Heart Disease): endorsed by the Society of Thoracic Surgeons and the European Association of Cardiovascular Imaging and the European Association of Echocardiography. <i>Circulation</i> , 2008 , 117, 2261-2347	16.7	928
271	Echocardiographic assessment of valve stenosis: EAE/ASE recommendations for clinical practice. <i>European Journal of Echocardiography</i> , 2009 , 10, 1-25; 523-661		737
270	2014 AHA/ACC guideline for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, e1-e132	1.5	728
269	Spectrum of calcific aortic valve disease: pathogenesis, disease progression, and treatment strategies. <i>Circulation</i> , 2005 , 111, 3316-26	16.7	723
268	Prospective study of asymptomatic valvular aortic stenosis. Clinical, echocardiographic, and exercise predictors of outcome. <i>Circulation</i> , 1997 , 95, 2262-70	16.7	686
267	2012 ACCF/AATS/SCAI/STS expert consensus document on transcatheter aortic valve replacement. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1200-54	15.1	580
266	Calcific aortic valve disease: not simply a degenerative process: A review and agenda for research from the National Heart and Lung and Blood Institute Aortic Stenosis Working Group. Executive summary: Calcific aortic valve disease-2011 update. <i>Circulation</i> , 2011 , 124, 1783-91	16.7	554
265	Recommendations on the Echocardiographic Assessment of Aortic Valve Stenosis: A Focused Update from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 372-392	5.8	439
264	Apolipoproteins B, (a), and E accumulate in the morphologically early lesion of degenerative valvular aortic stenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996 , 16, 523-32	9.4	361
263	Calcific aortic stenosis. <i>Nature Reviews Disease Primers</i> , 2016 , 2, 16006	51.1	341
262	Determination of the stenotic aortic valve area in adults using Doppler echocardiography. <i>Journal of the American College of Cardiology</i> , 1986 , 7, 509-17	15.1	327
261	Valvular aortic stenosis: disease severity and timing of intervention. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 2141-51	15.1	321
260	2017 ACC Expert Consensus Decision Pathway for Transcatheter Aortic Valve Replacement in the Management of Adults With Aortic Stenosis: A Report of the American College of Cardiology Task Force on Clinical Expert Consensus Documents. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1313-1346	15.1	312
259	Aortic-valve stenosis--from patients at risk to severe valve obstruction. <i>New England Journal of Medicine</i> , 2014 , 371, 744-56	59.2	303
258	Osteopontin is expressed in human aortic valvular lesions. <i>Circulation</i> , 1995 , 92, 2163-8	16.7	287
257	Recommendations on the echocardiographic assessment of aortic valve stenosis: a focused update from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 254-275	4.1	275
256	2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Circulation</i> , 2021 , 143, e72-e227	16.7	239
255	Association of angiotensin-converting enzyme with low-density lipoprotein in aortic valvular lesions and in human plasma. <i>Circulation</i> , 2002 , 106, 2224-30	16.7	223

254	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. <i>Circulation</i> , 2018 , 137, 388-399	16.7	194
253	2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2021 , 77, e25-e197	15.1	192
252	ACC/AHA 2008 guideline update on valvular heart disease: focused update on infective endocarditis: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines: endorsed by the Society of Cardiovascular Anesthesiologists, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. <i>Circulation</i> , 2009 , 119, 468-78	16.7	184
251	Cardiovascular magnetic resonance imaging for valvular heart disease: technique and validation. <i>Circulation</i> , 2009 , 119, 468-78	16.7	180
250	Hemodynamic progression of aortic stenosis in adults assessed by Doppler echocardiography. <i>Journal of the American College of Cardiology</i> , 1989 , 13, 545-50	15.1	180
249	2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Circulation</i> , 2021 , 143, e35-e71	16.7	170
248	Prospective comparison of valve regurgitation quantitation by cardiac magnetic resonance imaging and transthoracic echocardiography. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 48-57	3.9	160
247	Clinical practice. Evaluation and management of chronic mitral regurgitation. <i>New England Journal of Medicine</i> , 2001 , 345, 740-6	59.2	149
246	Clinical factors, but not C-reactive protein, predict progression of calcific aortic-valve disease: the Cardiovascular Health Study. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 1992-8	15.1	140
245	2020 ACC/AHA Guideline for the Management of Patients With Valvular Heart Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 450-500	15.1	135
244	Current management of calcific aortic stenosis. <i>Circulation Research</i> , 2013 , 113, 223-37	15.7	120
243	ACC/AHA 2006 Practice Guidelines for the Management of Patients With Valvular Heart Disease: Executive Summary. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 598-675	15.1	119
242	ESC Working Group on Valvular Heart Disease position paper--heart valve clinics: organization, structure, and experiences. <i>European Heart Journal</i> , 2013 , 34, 1597-606	9.5	117
241	ESC Working Group on Valvular Heart Disease Position Paper: assessing the risk of interventions in patients with valvular heart disease. <i>European Heart Journal</i> , 2012 , 33, 822-8, 828a, 828b	9.5	114
240	Usefulness of bicuspid aortic valve phenotype to predict elastic properties of the ascending aorta. <i>American Journal of Cardiology</i> , 2007 , 99, 686-90	3	114
239	Physiologic changes with maximal exercise in asymptomatic valvular aortic stenosis assessed by Doppler echocardiography. <i>Journal of the American College of Cardiology</i> , 1992 , 20, 1160-7	15.1	113
238	Early regression of severe left ventricular hypertrophy after transcatheter aortic valve replacement is associated with decreased hospitalizations. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 662-73	5	97
237	Risk stratification of patients with aortic stenosis. <i>European Heart Journal</i> , 2010 , 31, 416-23	9.5	94

236	2012 ACCF/AATS/SCAI/STS expert consensus document on transcatheter aortic valve replacement: developed in collaboration with the American Heart Association, American Society of Echocardiography, European Association for Cardio-Thoracic Surgery, Heart Failure Society of America, Mended Hearts, Society of Cardiovascular Anesthesiologists, Society of Cardiovascular	1.5	93
235	Flow dependence of measures of aortic stenosis severity during exercise. <i>Journal of the American College of Cardiology</i> , 1994 , 24, 1342-50	15.1	90
234	Aortic valve calcium independently predicts coronary and cardiovascular events in a primary prevention population. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 619-25	8.4	88
233	Ventricular fibrillation causes sudden death in Southeast Asian immigrants. <i>Annals of Internal Medicine</i> , 1984 , 101, 45-7	8	86
232	Maternal and Fetal Outcomes of Anticoagulation in Pregnant Women With Mechanical Heart Valves. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2681-2691	15.1	84
231	Prognosis after surgical replacement with a bioprosthetic aortic valve in patients with severe symptomatic aortic stenosis: systematic review of observational studies. <i>BMJ, The</i> , 2016 , 354, i5065	5.9	79
230	Targeted therapy to prevent progression of calcific aortic stenosis. <i>Circulation</i> , 2004 , 110, 1180-2	16.7	69
229	Complications of prosthetic heart valves. <i>Current Cardiology Reports</i> , 2004 , 6, 106-11	4.2	65
228	Doppler Echocardiography in Adults With Symptomatic Aortic Stenosis. <i>Archives of Internal Medicine</i> , 1988 , 148, 2553		64
227	Gender differences in left ventricular function at rest and with exercise in asymptomatic aortic stenosis. <i>American Heart Journal</i> , 1996 , 131, 94-100	4.9	63
226	Physical examination in valvular aortic stenosis: correlation with stenosis severity and prediction of clinical outcome. <i>American Heart Journal</i> , 1999 , 137, 298-306	4.9	62
225	Structural valve deterioration after transcatheter aortic valve implantation. <i>Heart</i> , 2017 , 103, 1899-1905	5.1	59
224	Global, Regional, and National Burden of Calcific Aortic Valve and Degenerative Mitral Valve Diseases, 1990-2017. <i>Circulation</i> , 2020 , 141, 1670-1680	16.7	54
223	Transcatheter or surgical aortic valve replacement for patients with severe, symptomatic, aortic stenosis at low to intermediate surgical risk: a clinical practice guideline. <i>BMJ, The</i> , 2016 , 354, i5085	5.9	51
222	Pregnancy in women with valvular heart disease. <i>Heart</i> , 2007 , 93, 552-8	5.1	51
221	Usefulness of aortic valve calcium scores by electron beam computed tomography as a marker for aortic stenosis. <i>American Journal of Cardiology</i> , 2003 , 92, 349-53	3	50
220	2012 ACCF/AATS/SCAI/STS expert consensus document on transcatheter aortic valve replacement: developed in collaboration with the American Heart Association, American Society of Echocardiography, European Association for Cardio-Thoracic Surgery, Heart Failure Society of	2.7	47
219	Hemodynamic effects of the angiotensin-converting enzyme inhibitor, ramipril, in patients with mild to moderate aortic stenosis and preserved left ventricular function. <i>Journal of Investigative Medicine</i> , 2004 , 52, 185-91	2.9	46

218	Infective Endocarditis: Update on Epidemiology, Outcomes, and Management. <i>Current Cardiology Reports</i> , 2018 , 20, 86	4.2	43
217	Timing of surgery in mitral regurgitation. <i>British Heart Journal</i> , 2003 , 89, 100-5		43
216	Influence of mitral valve morphology on mitral balloon commissurotomy: immediate and six-month results from the NHLBI Balloon Valvuloplasty Registry. <i>American Heart Journal</i> , 1992 , 124, 657-65	4.9	40
215	Quantification of Valvular Regurgitation. <i>Echocardiography</i> , 1987 , 4, 271-287	1.5	39
214	Aortic stenosis: clinical aspects of diagnosis and management, with 10 illustrative case reports from a 25-year experience. <i>Medicine (United States)</i> , 2010 , 89, 349-379	1.8	38
213	Aortic stenosis--listen to the patient, look at the valve. <i>New England Journal of Medicine</i> , 2000 , 343, 652-659	4.2	38
212	Doppler echocardiographic findings in adults with severe symptomatic valvular aortic stenosis. Balloon Valvuloplasty Registry Echocardiographers. <i>American Journal of Cardiology</i> , 1991 , 68, 1477-84	3	38
211	Doppler echocardiographic evaluation of left ventricular diastolic filling in isolated valvular aortic stenosis. <i>American Journal of Cardiology</i> , 1989 , 63, 313-6	3	38
210	Three-dimensional measurement of the mitral annulus by multiplane transesophageal echocardiography: in vitro validation and in vivo demonstration. <i>Journal of the American Society of Echocardiography</i> , 1998 , 11, 188-200	5.8	35
209	Systolic Blood Pressure and Risk of Valvular Heart Disease: A Mendelian Randomization Study. <i>JAMA Cardiology</i> , 2019 , 4, 788-795	16.2	34
208	Simplification of the Doppler continuity equation for calculating stenotic aortic valve area. <i>Journal of the American Society of Echocardiography</i> , 1988 , 1, 155-7	5.8	34
207	Valve durability after transcatheter aortic valve implantation. <i>Journal of Thoracic Disease</i> , 2018 , 10, S3629-S3634	5.3	34
206	Cardiac Magnetic Resonance Imaging Versus Transthoracic Echocardiography for Prediction of Outcomes in Chronic Aortic or Mitral Regurgitation. <i>American Journal of Cardiology</i> , 2017 , 119, 1074-1081	3	33
205	Aortic Stenosis: Changing Disease Concepts. <i>Journal of Cardiovascular Imaging</i> , 2015 , 23, 59-69	0	32
204	Use of Doppler-derived left ventricular time intervals for noninvasive assessment of systolic function. <i>American Journal of Cardiology</i> , 1993 , 72, 1331-3	3	31
203	Elevated blood pressure and risk of aortic valve disease: a cohort analysis of 5.4 million UK adults. <i>European Heart Journal</i> , 2018 , 39, 3596-3603	9.5	31
202	Plasma lipids and risk of aortic valve stenosis: a Mendelian randomization study. <i>European Heart Journal</i> , 2020 , 41, 3913-3920	9.5	30
201	Blood Pressure and Arterial Load After Transcatheter Aortic Valve Replacement for Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	30

200	Lack of improvement in coexisting mitral regurgitation after relief of valvular aortic stenosis. <i>American Journal of Cardiology</i> , 1990 , 66, 105-7	3	30
199	Aortic valve sclerosis as a marker of active atherosclerosis. <i>Current Cardiology Reports</i> , 2002 , 4, 111-7	4.2	29
198	Patient-prosthesis mismatch following aortic valve replacement. <i>Heart</i> , 2019 , 105, s28-s33	5.1	29
197	Aortic stenosis: even mild disease is significant. <i>European Heart Journal</i> , 2004 , 25, 185-7	9.5	28
196	Genomic basis of atrial fibrillation. <i>Heart</i> , 2018 , 104, 201-206	5.1	27
195	Methodologic issues in clinical evaluation of stenosis severity in adults undergoing aortic or mitral balloon valvuloplasty. The NHLBI Balloon Valvuloplasty Registry. <i>American Journal of Cardiology</i> , 1992 , 69, 1607-16	3	27
194	Lipid lowering in aortic stenosis: still some light at the end of the tunnel?. <i>Circulation</i> , 2009 , 119, 2653-5	16.7	26
193	Relation between pulmonary artery pressure and mitral stenosis severity in patients undergoing balloon mitral commissurotomy. <i>American Journal of Cardiology</i> , 1993 , 71, 874-8	3	26
192	Rate of change in aortic valve area during a cardiac cycle can predict the rate of hemodynamic progression of aortic stenosis. <i>Circulation</i> , 2000 , 101, 1947-52	16.7	23
191	Left ventricular shape analysis from three-dimensional echocardiograms. <i>Journal of the American Society of Echocardiography</i> , 1998 , 11, 761-9	5.8	22
190	2020 ACC/AHA guideline for the management of patients with valvular heart disease: A report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, e183-e353	1.5	22
189	Aortic stenosis. Clinical evaluation and optimal timing of surgery. <i>Cardiology Clinics</i> , 1998 , 16, 353-73, vii	2.5	21
188	Estimation of the end of ejection in aortic stenosis: an unreported source of error in the invasive assessment of severity. <i>Circulation</i> , 2004 , 110, 1114-20	16.7	21
187	The agreement between ventricular volumes and ejection fraction by transesophageal echocardiography or a combined radionuclear and thermodilution technique in patients after coronary artery surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1996 , 10, 323-8	2.1	21
186	Calcific aortic valve disease: outflow obstruction is the end stage of a systemic disease process. <i>European Heart Journal</i> , 2009 , 30, 1940-2	9.5	20
185	Repaired tetralogy of Fallot in the adult: monitoring and management. <i>Heart</i> , 2008 , 94, 1663-9	5.1	20
184	Echocardiographic evaluation of segmental wall motion early and late after thrombolytic therapy in acute myocardial infarction: the Western Washington Tissue Plasminogen Activator Emergency Room Trial. <i>American Journal of Cardiology</i> , 1990 , 65, 132-8	3	20
183	Hemodynamic Effects of the Angiotensin-Converting Enzyme Inhibitor, Ramipril, in Patients with Mild to Moderate Aortic Stenosis and Preserved Left Ventricular Function. <i>Journal of Investigative Medicine</i> , 2004 , 52, 185	2.9	20

182	Standards for heart valve surgery in a Heart Valve Centre of Excellence <i>Open Heart</i> , 2015 , 2, e000216	3	19
181	Quantitating aortic regurgitation by cardiovascular magnetic resonance: significant variations due to slice location and breath holding. <i>European Radiology</i> , 2016 , 26, 3180-9	8	19
180	Priorities for Patient-Centered Research in Valvular Heart Disease: A Report From the National Heart, Lung, and Blood Institute Working Group. <i>Journal of the American Heart Association</i> , 2020 , 9, e015975	6	18
179	Calcific aortic valve disease: new concepts. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2010 , 22, 276-84	1.7	17
178	Hemodynamic Effects of the Angiotensin-Converting Enzyme Inhibitor, Ramipril, in Patients with Mild to Moderate Aortic Stenosis and Preserved Left Ventricular Function. <i>Journal of Investigative Medicine</i> , 2004 , 52, 185-191	2.9	17
177	Moderate Aortic Stenosis and Heart Failure With Reduced Ejection Fraction: Can Imaging Guide Us to Therapy?. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 172-184	8.4	17
176	2012 ACCF/AATS/SCAI/STS expert consensus document on transcatheter aortic valve replacement: developed in collaboration with the American Heart Association, American Society of Echocardiography, European Association for Cardio-Thoracic Surgery, Heart Failure Society of America, Mended Hearts, Society of Cardiovascular Anesthesiologists, Society of Cardiovascular Computed Tomography, and Society for Cardiovascular Magnetic Resonance. <i>Catheterization and Cardiovascular Interventions</i> , 2012 , 79, 1023-82	2.7	16
175	Doppler Echocardiography Evaluation of Aortic Stenosis. <i>Cardiology Clinics</i> , 1990 , 8, 203-216	2.5	16
174	In-vivo analysis of the instantaneous transvalvular pressure difference-flow relationship in aortic valve stenosis: implications of unsteady fluid-dynamics for the clinical assessment of disease severity. <i>Journal of Heart Valve Disease</i> , 2002 , 11, 557-66		16
173	Elevated blood pressure and risk of mitral regurgitation: A longitudinal cohort study of 5.5 million United Kingdom adults. <i>PLoS Medicine</i> , 2017 , 14, e1002404	11.6	15
172	Timing of intervention in asymptomatic patients with valvular heart disease. <i>European Heart Journal</i> , 2020 , 41, 4349-4356	9.5	15
171	Will research preprints improve healthcare for patients?. <i>BMJ, The</i> , 2018 , 362, k3628	5.9	15
170	Echo simulator with novel training and competency testing tools. <i>Studies in Health Technology and Informatics</i> , 2013 , 184, 397-403	0.5	15
169	Prevention of calcific aortic valve stenosis-fact or fiction?. <i>Annals of Medicine</i> , 2009 , 41, 100-8	1.5	14
168	Evaluation of midwall systolic function in left ventricular hypertrophy: a comparison of 3-dimensional versus 2-dimensional echocardiographic indices. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 802-10	5.8	11
167	Doppler Echocardiographic Evaluation of Aortic and Mitral Stenoses. <i>Echocardiography</i> , 1999 , 16, 675-676	5	11
166	Valvular disease in the elderly. <i>Cardiology Clinics</i> , 1999 , 17, 137-58	2.5	11
165	Speaking a common language: Introduction to a standard terminology for the bicuspid aortic valve and its aortopathy. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 419-424	8.5	10

164	ACC/AHA 2008 guideline update on valvular heart disease: focused update on infective endocarditis: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines endorsed by the Society of Cardiovascular Anesthesiologists, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 72, E1-E12	2.7	10
163	Acquired aortic stenosis. <i>Expert Review of Cardiovascular Therapy</i> , 2004 , 2, 107-16	2.5	10
162	Influence of Doppler sample volume location on ventricular filling velocities. <i>American Journal of Cardiology</i> , 1991 , 68, 550-2	3	10
161	Statins for primary prevention of cardiovascular disease. <i>BMJ, The</i> , 2016 , 355, i6334	5.9	9
160	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, e383-e414	1.5	9
159	Mitral regurgitation--what is best for my patient?. <i>New England Journal of Medicine</i> , 2011 , 364, 1462-3	59.2	8
158	The effect of normalization in reducing variability in regional wall thickening. <i>Journal of the American Society of Echocardiography</i> , 1997 , 10, 197-204	5.8	8
157	Indications for aortic valve replacement in aortic stenosis. <i>Journal of Intensive Care Medicine</i> , 2007 , 22, 14-25	3.3	8
156	Timing of surgery in aortic stenosis. <i>Progress in Cardiovascular Diseases</i> , 2001 , 43, 477-93	8.5	8
155	Heartbeat: The worldwide burden of atrial fibrillation. <i>Heart</i> , 2018 , 104, 1987-1988	5.1	8
154	An interdisciplinary debate initiated by the European Society of Cardiology Working Group on Valvular Heart Disease. <i>EuroIntervention</i> , 2012 , 7, 1257-74	3.1	7
153	Aortic Stenosis: Guidelines and Evidence Gaps. <i>Cardiology Clinics</i> , 2020 , 38, 55-63	2.5	7
152	Performance of user independent echocardiographic border detection algorithm: comparison with human observer variability. <i>International Journal of Cardiovascular Imaging</i> , 2005 , 21, 617-25	2.5	6
151	Longitudinal assessment of valvular heart disease by echocardiography. <i>Current Opinion in Cardiology</i> , 1998 , 13, 397-403	2.1	6
150	Heartbeat: What is the best emergency treatment for decompensated severe aortic stenosis?. <i>Heart</i> , 2018 , 104, 1-3	5.1	6
149	Valvular heart disease: focus on women. <i>Cardiology in Review</i> , 2007 , 15, 291-7	3.2	5
148	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 448-476	3	5
147	Heartbeat: Surgical risk scores in infective endocarditis. <i>Heart</i> , 2017 , 103, 1391-1393	5.1	4

146	Heartbeat: Renin-angiotensin system blockade for prevention of cardiovascular disease. <i>Heart</i> , 2017 , 103, 1305-1307	5.1	4
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