

# Osama Soliman

## 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.

187  
papers

5,012  
citations

40  
h-index

62  
g-index

214  
ext. papers

6,059  
ext. citations

4.2  
avg, IF

5.2  
L-index

#	Paper	IF	Citations
187	Ticagrelor plus aspirin for 1 month, followed by ticagrelor monotherapy for 23 months vs aspirin plus clopidogrel or ticagrelor for 12 months, followed by aspirin monotherapy for 12 months after implantation of a drug-eluting stent: a multicentre, open-label, randomised superiority trial. <i>Lancet, The</i> , 2018, 392, 940-949	40	356
186	Association of hypertension and antihypertensive treatment with COVID-19 mortality: a retrospective observational study. <i>European Heart Journal</i> , 2020, 41, 2058-2066	9.5	204
185	Long-term outcome of alcohol septal ablation in patients with obstructive hypertrophic cardiomyopathy: a word of caution. <i>Circulation: Heart Failure</i> , 2010, 3, 362-9	7.6	145
184	Importance of transducer position in the assessment of apical rotation by speckle tracking echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 895-8	5.8	114
183	Derivation and Validation of a Novel Right-Sided Heart Failure Model After Implantation of Continuous Flow Left Ventricular Assist Devices: The EUROMACS (European Registry for Patients with Mechanical Circulatory Support) Right-Sided Heart Failure Risk Score. <i>Circulation</i> , 2018, 137, 891-906	16.7	113
182	Assessment of normal tricuspid valve anatomy in adults by real-time three-dimensional echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2007, 23, 717-24	2.5	101
181	Assessment of left atrial volume and function by real-time three-dimensional echocardiography. <i>International Journal of Cardiology</i> , 2008, 123, 155-61	3.2	99
180	The use of contrast echocardiography for the detection of cardiac shunts. <i>European Journal of Echocardiography</i> , 2007, 8, S2-12		91
179	Percutaneous left atrial appendage occlusion: the Munich consensus document on definitions, endpoints, and data collection requirements for clinical studies. <i>Europace</i> , 2017, 19, 4-15	3.9	88
178	Accuracy and reproducibility of quantitation of left ventricular function by real-time three-dimensional echocardiography versus cardiac magnetic resonance. <i>American Journal of Cardiology</i> , 2008, 102, 778-83	3	88
177	Left ventricular solid body rotation in non-compaction cardiomyopathy: a potential new objective and quantitative functional diagnostic criterion?. <i>European Journal of Heart Failure</i> , 2008, 10, 1088-93	12.3	87
176	Left atrial Frank-Starling law assessed by real-time, three-dimensional echocardiographic left atrial volume changes. <i>Heart</i> , 2007, 93, 1393-7	5.1	76
175	Age-related changes in the biomechanics of left ventricular twist measured by speckle tracking echocardiography. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1705-11	5.2	75
174	A comparison between QLAB and TomTec full volume reconstruction for real time three-dimensional echocardiographic quantification of left ventricular volumes. <i>Echocardiography</i> , 2007, 24, 967-74	1.5	75
173	Incidence, pathophysiology, and treatment of complications during dobutamine-atropine stress echocardiography. <i>Circulation</i> , 2010, 121, 1756-67	16.7	74
172	Diastolic abnormalities as the first feature of hypertrophic cardiomyopathy in Dutch myosin-binding protein C founder mutations. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 58-64	8.4	68
171	Disease penetrance and risk stratification for sudden cardiac death in asymptomatic hypertrophic cardiomyopathy mutation carriers. <i>European Heart Journal</i> , 2009, 30, 2593-8	9.5	66

170	Value of assessment of tricuspid annulus: real-time three-dimensional echocardiography and magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , <b>2007</b> , 23, 701-5	2.5	66
169	Influence of cardiac shape on left ventricular twist. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 146-51	3.7	63
168	Percutaneous left atrial appendage occlusion: the Munich consensus document on definitions, endpoints and data collection requirements for clinical studies. <i>EuroIntervention</i> , <b>2016</b> , 12, 103-11	3.1	63
167	Usefulness of left ventricular systolic dyssynchrony by real-time three-dimensional echocardiography to predict long-term response to cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , <b>2009</b> , 103, 1586-91	3	62
166	The prognosis of implantable defibrillator patients treated with cardiac resynchronization therapy: comorbidity burden as predictor of mortality. <i>Europace</i> , <b>2011</b> , 13, 62-9	3.9	59
165	Feasibility and reproducibility of left ventricular rotation parameters measured by speckle tracking echocardiography. <i>European Journal of Echocardiography</i> , <b>2009</b> , 10, 669-76		58
164	Diagnostic value of rigid body rotation in noncompaction cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , <b>2011</b> , 24, 548-55	5.8	57
163	Cardiac involvement in adults with m.3243A>G MELAS gene mutation. <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 264-9	3	57
162	Validation of a new score for the assessment of mitral stenosis using real-time three-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2010</b> , 23, 13-22	5.8	56
161	Quantification of left ventricular systolic dyssynchrony by real-time three-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 232-9	5.8	55
160	Four-year follow-up of treatment with intramyocardial skeletal myoblasts injection in patients with ischaemic cardiomyopathy. <i>European Heart Journal</i> , <b>2008</b> , 29, 1386-96	9.5	55
159	Quantification of left ventricular volumes and function in patients with cardiomyopathies by real-time three-dimensional echocardiography: a head-to-head comparison between two different semiautomated endocardial border detection algorithms. <i>Journal of the American Society of Echocardiography</i> , <b>2007</b> , 20, 1010-8	5.8	53
158	3-Dimensional Echocardiography in Imaging the Tricuspid Valve. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 500-515	8.4	51
157	Impact of long-term ticagrelor monotherapy following 1-month dual antiplatelet therapy in patients who underwent complex percutaneous coronary intervention: insights from the Global Leaders trial. <i>European Heart Journal</i> , <b>2019</b> , 40, 2595-2604	9.5	51
156	Echocardiographic evaluation and clinical implications of aortic stiffness and coronary flow reserve and their relation. <i>Clinical Cardiology</i> , <b>2008</b> , 31, 304-9	3.3	51
155	Usefulness of ultrasound contrast agent to improve image quality during real-time three-dimensional stress echocardiography. <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 275-8	3	50
154	Safety and efficacy of a sirolimus-eluting coronary stent with ultra-thin strut for treatment of atherosclerotic lesions (TALENT): a prospective multicentre randomised controlled trial. <i>Lancet, The</i> , <b>2019</b> , 393, 987-997	4.0	49
153	Long-term benefit of myectomy and anterior mitral leaflet extension in obstructive hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 670-5	3	48

152	Early echocardiographic evaluation following percutaneous implantation with the self-expanding CoreValve Revalving System aortic valve bioprosthesis. <i>EuroIntervention</i> , <b>2008</b> , 4, 351-7	3.1	48
151	Factors affecting sensitivity and specificity of diagnostic testing: dobutamine stress echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 1199-208	5.8	46
150	Cardiac involvement in adults with Pompe disease. <i>Journal of Internal Medicine</i> , <b>2008</b> , 264, 333-9	10.8	46
149	Adverse reactions after the use of sulphur hexafluoride (SonoVue) echo contrast agent. <i>Journal of Cardiovascular Medicine</i> , <b>2009</b> , 10, 75-7	1.9	41
148	Comparison of contrast agent-enhanced versus non-contrast agent-enhanced real-time three-dimensional echocardiography for analysis of left ventricular systolic function. <i>American Journal of Cardiology</i> , <b>2007</b> , 100, 1485-9	3	40
147	Assessment of pulmonary valve and right ventricular outflow tract with real-time three-dimensional echocardiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2007</b> , 23, 167-75	2.5	40
146	Spectral pulsed-wave tissue Doppler imaging lateral-to-septal delay fails to predict clinical or echocardiographic outcome after cardiac resynchronization therapy. <i>Europace</i> , <b>2007</b> , 9, 113-8	3.9	39
145	Advances in transcatheter mitral and tricuspid therapies. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 1	2.3	38
144	Dobutamine stress echocardiography for the detection of coronary artery disease in women. <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 714-7	3	37
143	Functional evaluation of sublingual microcirculation indicates successful weaning from VA-ECMO in cardiogenic shock. <i>Critical Care</i> , <b>2017</b> , 21, 265	10.8	34
142	Effect of successful alcohol septal ablation on microvascular function in patients with obstructive hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , <b>2008</b> , 101, 1321-7	3	34
141	Usefulness of real-time three-dimensional echocardiography to identify right ventricular dysfunction in patients with congenital heart disease. <i>American Journal of Cardiology</i> , <b>2010</b> , 106, 843-50 <sup>3</sup>		33
140	Left ventricular twist and untwist in aortic stenosis. <i>International Journal of Cardiology</i> , <b>2011</b> , 148, 319-24.	2	32
139	Aortic valve replacement for aortic stenosis is associated with improved aortic distensibility at long-term follow-up. <i>American Heart Journal</i> , <b>2007</b> , 153, 147-51	4.9	32
138	Alterations in left ventricular untwisting with ageing. <i>Circulation Journal</i> , <b>2010</b> , 74, 101-8	2.9	31
137	Assessment of mitral annular velocities by speckle tracking echocardiography versus tissue Doppler imaging: validation, feasibility, and reproducibility. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 1302-8	5.8	30
136	Video densitometric assessment of aortic regurgitation after transcatheter aortic valve implantation: results from the Brazilian TAVI registry. <i>EuroIntervention</i> , <b>2016</b> , 11, 1409-18	3.1	30
135	Cardiac evaluation in children and adults with Pompe disease sharing the common c.-32-13T>G genotype rarely reveals abnormalities. <i>Journal of the Neurological Sciences</i> , <b>2008</b> , 275, 46-50	3.2	29

134	A Novel Angiographic Quantification of Aortic Regurgitation After TAVR Provides an Accurate Estimation of Regurgitation Fraction Derived From Cardiac Magnetic Resonance Imaging. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 287-297	5	28
133	Test-retest variability of volumetric right ventricular measurements using real-time three-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2011</b> , 24, 671-678	5.8	28
132	Close connection between improvement in left ventricular function by cardiac resynchronization therapy and the incidence of arrhythmias in cardiac resynchronization therapy-defibrillator patients. <i>European Journal of Heart Failure</i> , <b>2010</b> , 12, 1325-32	12.3	28
131	An integrated approach to determine left atrial volume, mass and function in hypertrophic cardiomyopathy by two-dimensional echocardiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2008</b> , 24, 45-52	2.5	28
130	Adjudicating paravalvular leaks of transcatheter aortic valves: a critical appraisal. <i>European Heart Journal</i> , <b>2016</b> , 37, 2627-44	9.5	28
129	Assessment of mitral annulus size and function by real-time 3-dimensional echocardiography in cardiomyopathy: comparison with magnetic resonance imaging. <i>Journal of the American Society of Echocardiography</i> , <b>2007</b> , 20, 941-8	5.8	27
128	Insights into left ventricular function from the time course of regional and global rotation by speckle tracking echocardiography. <i>Echocardiography</i> , <b>2009</b> , 26, 371-7	1.5	26
127	Reverse of left ventricular volumetric and structural remodeling in heart failure patients treated with cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , <b>2008</b> , 101, 651-7	3	26
126	Cardiac abnormalities in adults with the attenuated form of mucopolysaccharidosis type I. <i>Journal of Inherited Metabolic Disease</i> , <b>2007</b> , 30, 750-7	5.4	26
125	True mitral annulus diameter is underestimated by two-dimensional echocardiography as evidenced by real-time three-dimensional echocardiography and magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , <b>2007</b> , 23, 541-7	2.5	26
124	Assessment of left atrial ejection force in hypertrophic cardiomyopathy using real-time three-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2007</b> , 20, 744-8	5.8	25
123	Assessment of intravascular and extravascular mechanisms of myocardial perfusion abnormalities in obstructive hypertrophic cardiomyopathy by myocardial contrast echocardiography. <i>Heart</i> , <b>2007</b> , 93, 1204-12	5.1	25
122	Acute performance of a novel restorative transcatheter aortic valve: preclinical results. <i>EuroIntervention</i> , <b>2017</b> , 13, e1410-e1417	3.1	25
121	Reduced regional systolic function is not confined to the noncompacted segments in noncompaction cardiomyopathy. <i>International Journal of Cardiology</i> , <b>2009</b> , 134, 366-70	3.2	24
120	Delayed left ventricular untwisting in hypertrophic cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 1320-6	5.8	24
119	Increased aortic stiffness in glycogenosis type 2 (Pompe's disease). <i>International Journal of Cardiology</i> , <b>2007</b> , 120, 138-41	3.2	23
118	Uncertainties and challenges in surgical and transcatheter tricuspid valve therapy: a state-of-the-art expert review. <i>European Heart Journal</i> , <b>2020</b> , 41, 1932-1940	9.5	23
117	Left ventricular remodelling and systolic function measurement with 64 multi-slice computed tomography versus second harmonic echocardiography in patients with coronary artery disease: a double blind study. <i>European Journal of Radiology</i> , <b>2010</b> , 73, 82-8	4.7	22

116	New Scores for the Assessment of Mitral Stenosis Using Real-Time Three-Dimensional Echocardiography. <i>Current Cardiovascular Imaging Reports</i> , <b>2011</b> , 4, 370-377	0.7	21
115	The additional prognostic power of diabetes mellitus on coronary flow reserve in patients with suspected coronary artery disease. <i>Diabetes Research and Clinical Practice</i> , <b>2007</b> , 78, 126-31	7.4	21
114	Angiographic assessment of aortic regurgitation by video-densitometry in the setting of TAVI: Echocardiographic and clinical correlates. <i>Catheterization and Cardiovascular Interventions</i> , <b>2017</b> , 90, 650-659	2.7	20
113	Haemolysis as a first sign of thromboembolic event and acute pump thrombosis in patients with the continuous-flow left ventricular assist device HeartMate II. <i>Netherlands Heart Journal</i> , <b>2016</b> , 24, 134-42	2.2	20
112	Relation between calcium burden, echocardiographic stent frame eccentricity and paravalvular leakage after corevalve transcatheter aortic valve implantation. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 648-653	4.1	19
111	Causes and predictors of early mortality in patients treated with left ventricular assist device implantation in the European Registry of Mechanical Circulatory Support (EUROMACS). <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1349-1360	14.5	19
110	Evaluation of left atrial systolic function in noncompaction cardiomyopathy by real-time three-dimensional echocardiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2008</b> , 24, 237-42	2.5	19
109	Baseline predictors of cardiac events after cardiac resynchronization therapy in patients with heart failure secondary to ischemic or nonischemic etiology. <i>American Journal of Cardiology</i> , <b>2007</b> , 100, 464-9	3	18
108	Prognostic value of coronary flow reserve and aortic distensibility indices in patients with suspected coronary artery disease. <i>Heart and Vessels</i> , <b>2008</b> , 23, 167-73	2.1	18
107	Left ventricular assist device implantation with and without concomitant tricuspid valve surgery: a systematic review and meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 644-651	3	17
106	Future perspectives in transcatheter aortic valve implantation. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 11-8	3.2	17
105	Side-by-side viewing of anatomically aligned left ventricular segments in three-dimensional stress echocardiography. <i>Echocardiography</i> , <b>2009</b> , 26, 189-95	1.5	17
104	The mild form of mucopolysaccharidosis type I (Scheie syndrome) is associated with increased ascending aortic stiffness. <i>Heart and Vessels</i> , <b>2008</b> , 23, 108-11	2.1	17
103	Midterm performance of a novel restorative pulmonary valved conduit: preclinical results. <i>EuroIntervention</i> , <b>2017</b> , 13, e1418-e1427	3.1	17
102	Multimodality Imaging for Left Ventricular Hypertrophy Severity Grading: A Methodological Review. <i>Journal of Cardiovascular Imaging</i> , <b>2016</b> , 24, 257-267	0	17
101	Echocardiographic and angiographic assessment of paravalvular regurgitation after TAVI: optimizing inter-technique reproducibility. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2016</b> , 17, 852-60	4.1	16
100	Contrast-enhanced three-dimensional dobutamine stress echocardiography: between Scylla and Charybdis?. <i>European Journal of Echocardiography</i> , <b>2008</b> , 9, 757-60		16
99	Restorative valve therapy by endogenous tissue restoration: tomorrow's world? Reflection on the EuroPCR 2017 session on endogenous tissue restoration. <i>EuroIntervention</i> , <b>2017</b> , 13, AA68-AA77	3.1	16

98	Videodensitometric quantification of paravalvular regurgitation of a transcatheter aortic valve: in vitro validation. <i>EuroIntervention</i> , <b>2018</b> , 13, 1527-1535	3.1	16
97	Critical Appraisal of Contemporary Clinical Endpoint Definitions in Coronary Intervention Trials: A Guidance Document. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 805-819	5	15
96	Prediction of paravalvular leakage after transcatheter aortic valve implantation. <i>International Journal of Cardiovascular Imaging</i> , <b>2015</b> , 31, 1461-8	2.5	15
95	Prediction of appropriate defibrillator therapy in heart failure patients treated with cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , <b>2010</b> , 105, 105-11	3	15
94	The ischemic etiology of heart failure in diabetics limits reverse left ventricular remodeling after cardiac resynchronization therapy. <i>Journal of Diabetes and Its Complications</i> , <b>2009</b> , 23, 365-70	3.2	14
93	Accuracy of an automated transthoracic echocardiographic tool for 3D assessment of left heart chamber volumes. <i>Echocardiography</i> , <b>2017</b> , 34, 199-209	1.5	13
92	Quantitative Assessment of Acute Regurgitation Following TAVR: A Multicenter Pooled Analysis of 2,258 Valves. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1303-1311	5	13
91	Diastolic abnormalities in normal phenotype hypertrophic cardiomyopathy gene carriers: a study using speckle tracking echocardiography. <i>Echocardiography</i> , <b>2013</b> , 30, 558-63	1.5	13
90	Intraoperative real time three-dimensional transesophageal echocardiographic measurement of hemodynamic, anatomic and functional changes after aortic valve replacement. <i>Echocardiography</i> , <b>2009</b> , 26, 96-9	1.5	13
89	Evaluation of rheumatic tricuspid valve stenosis by real-time three-dimensional echocardiography. <i>Heart</i> , <b>2007</b> , 93, 363-4	5.1	13
88	Rationale and design of a randomized clinical trial comparing safety and efficacy of myval transcatheter heart valve versus contemporary transcatheter heart valves in patients with severe symptomatic aortic valve stenosis: The LANDMARK trial. <i>American Heart Journal</i> , <b>2021</b> , 232, 23-38	4.9	13
87	Impact of Continuous Flow Left Ventricular Assist Device Therapy on Chronic Kidney Disease: A Longitudinal Multicenter Study. <i>Journal of Cardiac Failure</i> , <b>2020</b> , 26, 333-341	3.3	12
86	Comparison of valve performance of the mechanically expanding Lotus and the balloon-expanded SAPIEN3 transcatheter heart valves: an observational study with independent core laboratory analysis. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 157-167	4.1	12
85	A simplified and reproducible method to size the mitral annulus: implications for transcatheter mitral valve replacement. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 697-706	4.1	12
84	Outcomes after tricuspid valve surgery concomitant with left ventricular assist device implantation in the EUROMACS registry: a propensity score matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 56, 1081-1089	3	12
83	Assessment of subendocardial contractile function in aortic stenosis: a study using speckle tracking echocardiography. <i>Echocardiography</i> , <b>2013</b> , 30, 293-300	1.5	12
82	Dobutamine stress MRI versus threedimensional contrast echocardiography: It's all Black and White. <i>Netherlands Heart Journal</i> , <b>2008</b> , 16, 217-8	2.2	12
81	The interaction of de novo and pre-existing aortic regurgitation after TAVI: insights from a new quantitative aortographic technique. <i>EuroIntervention</i> , <b>2017</b> , 13, 60-68	3.1	12

80	A novel synchronised diastolic injection method to reduce contrast volume during aortography for aortic regurgitation assessment: in vitro experiment of a transcatheter heart valve model. <i>EuroIntervention</i> , <b>2017</b> , 13, 1288-1295	3.1	12
79	Quantitative aortography for assessing aortic regurgitation after transcatheter aortic valve implantation: results of the multicentre ASSESS-REGURGE Registry. <i>EuroIntervention</i> , <b>2019</b> , 15, 420-426	3.1	12
78	Quantitative Assessment of Aortic Regurgitation After Transcatheter Aortic Valve Replacement With Videodensitometry in a Large, Real-World Study Population: Subanalysis of RESPOND and Echocardiogram Association. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 216-218	5	11
77	Importance of Contrast Aortography With Lotus Transcatheter Aortic Valve Replacement: A Post Hoc Analysis From the RESPOND Post-Market Study. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 119-128	5.8	11
76	Contributions of simultaneous multiplane echocardiographic imaging in daily clinical practice. <i>Echocardiography</i> , <b>2014</b> , 31, 245-54	1.5	11
75	Long-term prognostic value of coronary flow velocity reserve in patients with hypertrophic cardiomyopathy: 9-year follow-up results from SZEGED study. <i>Heart and Vessels</i> , <b>2009</b> , 24, 352-6	2.1	11
74	Aortic distensibility is reduced, but coronary flow velocity reserve is similar in diabetic versus non-diabetic patients with coronary artery disease. <i>Diabetes Research and Clinical Practice</i> , <b>2008</b> , 79, e17-84	7.4	11
73	Quantitative assessment of the entire right ventricle from one acoustic window: an attractive approach. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 754-762	4.1	10
72	Prognostic role of aortic atherosclerosis and coronary flow reserve in patients with suspected coronary artery disease. <i>International Journal of Cardiology</i> , <b>2008</b> , 131, 45-50	3.2	10
71	Predictors of cardiac events after cardiac resynchronization therapy with tissue Doppler-derived parameters. <i>Journal of Cardiac Failure</i> , <b>2007</b> , 13, 805-11	3.3	10
70	Clinical outcomes of the Lotus Valve in patients with bicuspid aortic valve stenosis: An analysis from the RESPOND study. <i>Catheterization and Cardiovascular Interventions</i> , <b>2019</b> , 93, 1116-1123	2.7	9
69	Delayed and decreased LV untwist and unstrain rate in mutation carriers for hypertrophic cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 383-389	4.1	9
68	The Effectiveness of Levosimendan on Venous-Arterial Extracorporeal Membrane Oxygenation Management and Outcome: A Systematic Review and Meta-Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2021</b> , 35, 2483-2495	2.1	9
67	Safety and feasibility of contrast echocardiography for the evaluation of patients with HeartMate 3 left ventricular assist devices. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 690-693	4.1	8
66	Limitations and difficulties of echocardiographic short-axis assessment of paravalvular leakage after corevalve transcatheter aortic valve implantation. <i>Cardiovascular Ultrasound</i> , <b>2016</b> , 14, 37	2.4	8
65	Contrast echocardiography improves interobserver agreement for wall motion score index and correlation with ejection fraction. <i>Echocardiography</i> , <b>2011</b> , 28, 575-81	1.5	8
64	Improved aortic distensibility after aortic homograft root replacement at long-term follow-up. <i>International Journal of Cardiology</i> , <b>2009</b> , 136, 216-9	3.2	8
63	Evaluation of pericardial hydatid cysts by different echocardiographic imaging modalities. <i>International Journal of Cardiovascular Imaging</i> , <b>2006</b> , 22, 647-51	2.5	8



62	A novel mortality risk score predicting intensive care mortality in cardiogenic shock patients treated with veno-arterial extracorporeal membrane oxygenation. <i>Journal of Critical Care</i> , <b>2020</b> , 55, 35-41	4	8
61	Clinicopathological response to neoadjuvant therapies and pathological complete response as a biomarker of survival in human epidermal growth factor receptor-2 enriched breast cancer - A retrospective cohort study. <i>Breast</i> , <b>2021</b> , 59, 67-75	3.6	8
60	A Novel 13-Segment Standardized Model for Assessment of Right Ventricular Function Using Two-Dimensional iRotate Echocardiography. <i>Echocardiography</i> , <b>2016</b> , 33, 353-61	1.5	7
59	Inter-Technique Consistency and Prognostic Value of Intra-Procedural Angiographic and Echocardiographic Assessment of Aortic Regurgitation After Transcatheter Aortic Valve Implantation. <i>Circulation Journal</i> , <b>2018</b> , 82, 2317-2325	2.9	7
58	Left ventricular untwisting in restrictive and pseudorestrictive left ventricular filling: novel insights into diastology. <i>Echocardiography</i> , <b>2010</b> , 27, 269-74	1.5	7
57	Diagnosis of biventricular non-compaction cardiomyopathy by real-time three-dimensional echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2009</b> , 10, 356-7	4.1	7
56	Role of parasternal data acquisition during contrast enhanced real-time three-dimensional echocardiography. <i>Echocardiography</i> , <b>2007</b> , 24, 1081-5	1.5	7
55	A prospective multicentre randomised all-comers trial to assess the safety and effectiveness of the thin-strut sirolimus-eluting coronary stent SUPRAFLEX: rationale and design of the Thin Strut Sirolimus-eluting Stent in All Comers Population vs Everolimus-eluting Stent (TALENT) trial. <i>EuroIntervention</i> , <b>2019</b> , 15, e362-e369	3.1	7
54	The Sino Medical AccuFit transcatheter mitral valve implantation system. <i>EuroIntervention</i> , <b>2015</b> , 11 Suppl W, W84-5	3.1	7
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