

Jeroen Bax

List of Publications by Year in Descending Order

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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.

940

papers

96,090

citations

122

h-index

296

g-index

1,142

ext. papers

117,215

ext. citations

5.9

avg, IF

7.5

L-index

#	Paper	IF	Citations
940	Prognostic Impact of Extra-Mitral Valve Cardiac Involvement in Patients With Primary Mitral Regurgitation.. <i>JACC: Cardiovascular Imaging</i> , 2022 ,	8.4	1
939	Long-Term Impact of Preventive Tricuspid Valve Annuloplasty on Right Ventricular Remodeling.. <i>American Journal of Cardiology</i> , 2022 ,	3	1
938	Functional classification of left ventricular remodelling: prognostic relevance in myocardial infarction.. <i>ESC Heart Failure</i> , 2022 ,	3.7	1
937	Patterns of cardiac involvement characterized by strain echocardiography in amyloidosis.. <i>International Journal of Cardiovascular Imaging</i> , 2022 , 1	2.5	
936	Abutting Left Atrial Appendage and Left Superior Pulmonary Vein Predicts Recurrence of Atrial Fibrillation After Point-by-Point Pulmonary Vein Isolation.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 708298	5.4	0
935	The Prognostic Value of Right Atrial and Right Ventricular Functional Parameters in Systemic Sclerosis.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 845359	5.4	0
934	Association between left atrial epicardial fat, left atrial volume, and the severity of atrial fibrillation.. <i>Europace</i> , 2022 ,	3.9	1
933	The PARTNER 3 Bicuspid Registry for Transcatheter Aortic Valve Replacement in Low-Surgical-Risk Patients.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 523-532	5	2
932	Assessment of Artificial Intelligence in Echocardiography Diagnostics in Differentiating Takotsubo Syndrome From Myocardial Infarction.. <i>JAMA Cardiology</i> , 2022 ,	16.2	3
931	Prognostic implications of staging cardiac remodeling in patients undergoing cardiac resynchronization therapy.. <i>International Journal of Cardiology</i> , 2022 ,	3.2	1
930	Prognostic Value of Increased Mitral Valve Gradient After Transcatheter Edge-to-Edge Repair for Primary Mitral Regurgitation.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 935-945	5	0
929	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry.. <i>Radiology: Cardiothoracic Imaging</i> , 2022 , 4, e210225	8.3	1
928	Differences in Characteristics and Outcomes Between Patients With Hypertrophic Cardiomyopathy From Asian and European Centers.. <i>Journal of the American Heart Association</i> , 2022 , 11, e023313	6	
927	Relationship between coronary artery calcification and myocardial ischemia on computed tomography myocardial perfusion in patients with stable chest pain. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1707-1714	2.1	1
926	Contemporary Management of Severe Symptomatic Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 2131-2143	15.1	1
925	Left atrial appendage size is a marker of atrial fibrillation recurrence after radiofrequency catheter ablation in patients with persistent atrial fibrillation. <i>Clinical Cardiology</i> , 2021 ,	3.3	1
924	Sex differences in prognosis of significant secondary mitral regurgitation. <i>ESC Heart Failure</i> , 2021 , 8, 3539-3546	3.7	2

923	Extramitral Valvular Cardiac Involvement in Patients With Significant Secondary Mitral Regurgitation. <i>American Journal of Cardiology</i> , 2021 ,	3	1
922	Subclinical leaflet thrombosis after transcatheter aortic valve implantation: no association with left ventricular reverse remodeling at 1-year follow-up. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 1	2.5	
921	Impact of Annular Oversizing on Paravalvular Regurgitation and Valve Hemodynamics: New Insights From PARTNER 3. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2158-2169	5	3
920	Right Ventricular-Pulmonary Arterial Coupling in Patients With HF Secondary MR: Analysis From the COAPT Trial. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2231-2242	5	6
919	Contrast agent volume for coronary computed tomography angiography imaging in current clinical practice. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 ,	2.8	0
918	Predictors of pacemaker implantation after transcatheter aortic valve implantation according to kind of prosthesis and risk profile: a systematic review and contemporary meta-analysis. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021 , 7, 143-153	4.6	3
917	Evolution from mitral annular dysfunction to severe mitral regurgitation in Barlow's disease. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 32, 506-514	1.8	5
916	Influence of Chronic Obstructive Pulmonary Disease on Atrial Mechanics by Speckle Tracking Echocardiography in Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2021 , 143, 60-66	3	2
915	The management of secondary mitral regurgitation in patients with heart failure: a joint position statement from the Heart Failure Association (HFA), European Association of Cardiovascular Imaging (EACVI), European Heart Rhythm Association (EHRA), and European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the ESC. <i>European Heart Journal</i> , 2021 ,	9.5	29
914	Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1072-1082	4.1	3
913	Global Left Ventricular Myocardial Work Efficiency and Long-Term Prognosis in Patients After ST-Segment-Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e012072	3.9	7
912	Prognostic implications of left atrial dilation in aortic regurgitation due to bicuspid aortic valve. <i>Heart</i> , 2021 ,	5.1	2
911	Left Ventricular Myocardial Work Indices: A Potential Step Forward for the Assessment of Myocardial Performance in Severe Aortic Stenosis: Reply to "Is It Fair to Use the Current Estimation of Myocardial Work in Patients with Significant Aortic Stenosis?". <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 451-452	5.8	1
910	Posterior Left Atrial Adipose Tissue Attenuation Assessed by Computed Tomography and Recurrence of Atrial Fibrillation After Catheter Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009135	6.4	5
909	Insufficient Mitral Leaflet Remodeling in Relation to Annular Dilation and Risk of Residual Mitral Regurgitation After MitraClip Implantation. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 756-765	8.4	6
908	Neo-LVOT and Transcatheter Mitral Valve Replacement: Expert Recommendations. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 854-866	8.4	13
907	Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. <i>European Heart Journal</i> , 2021 , 42, 1825-1857	9.5	48
906	The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 880-881	8.4	1

905	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. <i>Atherosclerosis</i> , 2021 , 324, 46-51	3.1	6
904	Ethnic comparison in takotsubo syndrome: novel insights from the International Takotsubo Registry. <i>Clinical Research in Cardiology</i> , 2021 , 1	6.1	3
903	Guía ESC 2020 sobre el diagnóstico y tratamiento de la fibrilación auricular, desarrollada en colaboración de la European Association of Cardio-Thoracic Surgery (EACTS). <i>Revista Espanola De Cardiologia</i> , 2021 , 74, 437.e1-437.e116	1.5	3
902	Sex-Specific Differences in Etiology and Prognosis in Patients With Significant Tricuspid Regurgitation. <i>American Journal of Cardiology</i> , 2021 , 147, 109-115	3	3
901	Standard and emerging CMR methods for mitral regurgitation quantification. <i>International Journal of Cardiology</i> , 2021 , 331, 316-321	3.2	7
900	Moderate Aortic Stenosis in Patients With Heart Failure and Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2796-2803	15.1	2
899	Moderate Aortic Stenosis in Patients With Heart Failure and Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2796-2803	15.1	11
898	Prognostic Value of Multilayer Left Ventricular Global Longitudinal Strain in Patients with ST-segment Elevation Myocardial Infarction with Mildly Reduced Left Ventricular Ejection Fractions. <i>American Journal of Cardiology</i> , 2021 , 152, 11-18	3	0
897	Prognostic Implications of a Novel Algorithm to Grade Secondary Tricuspid Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1085-1095	8.4	11
896	Valve Academic Research Consortium 3: Updated Endpoint Definitions for Aortic Valve Clinical Research. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2717-2746	15.1	39
895	Renal function in patients with significant tricuspid regurgitation: pathophysiological mechanisms and prognostic implications. <i>Journal of Internal Medicine</i> , 2021 , 290, 715-727	10.8	2
894	Right Ventricular-Pulmonary Arterial Coupling in Secondary Tricuspid Regurgitation. <i>American Journal of Cardiology</i> , 2021 , 148, 138-145	3	10
893	Impact of Dose Reduction Strategies on Image Quality of Coronary CTA in Real-World Clinical Practice: A Subanalysis of PROTECTION VI Registry Data. <i>American Journal of Roentgenology</i> , 2021 , 217, 1344-1352	5.4	0
892	Association between computed tomography-derived tricuspid annular dimensions and prognosis: insights from whole-beat computed tomography assessment. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	1
891	The remodelling index risk stratifies patients with hypertensive left ventricular hypertrophy. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 670-679	4.1	3
890	Temporal changes in FFR-Guided Management of Coronary Artery Disease - Lessons from the ADVANCE Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 48-55	2.8	2
889	Assessment of left atrial electro-mechanical delay to predict atrial fibrillation in hypertrophic cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 589-596	4.1	2
888	Left ventricular myocardial work in the culprit vessel territory and impact on left ventricular remodelling in patients with ST-segment elevation myocardial infarction after primary percutaneous coronary intervention. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 339-347	4.1	6

887	Left Ventricular Myocardial Work in Patients with Severe Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 257-266	5.8	11
886	Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: results from the ICONIC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 24-33	4.1	7
885	Parameters associated with ventricular arrhythmias in mitral valve prolapse with significant regurgitation. <i>Heart</i> , 2021 , 107, 411-418	5.1	9
884	Impact of age on coronary artery plaque progression and clinical outcome: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 232-239	2.8	2
883	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 233-242	8.4	14
882	Meta-analysis of echocardiographic quantification of left ventricular filling pressure. <i>ESC Heart Failure</i> , 2021 , 8, 566-576	3.7	8
881	Global and segmental absolute stress myocardial blood flow in prediction of cardiac events: [O] water positron emission tomography study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1434-1444	8.8	2
880	Diabesity: the combined burden of obesity and diabetes on heart disease and the role of imaging. <i>Nature Reviews Cardiology</i> , 2021 , 18, 291-304	14.8	33
879	Right ventricular myocardial work: proof-of-concept for non-invasive assessment of right ventricular function. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 142-152	4.1	10
878	Multimodality imaging in valvular heart disease: how to use state-of-the-art technology in daily practice. <i>European Heart Journal</i> , 2021 , 42, 1912-1925	9.5	5
877	Society of Cardiovascular Computed Tomography / North American Society of Cardiovascular Imaging - Expert Consensus Document on Coronary CT Imaging of Atherosclerotic Plaque. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 93-109	2.8	29
876	The clinical utility of FFR stratified by age. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 121-128	2.8	2
875	Regurgitant Volume/Left Ventricular End-Diastolic Volume Ratio: Prognostic Value in Patients With Secondary Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 730-739	8.4	4
874	The Obesity Paradox in Patients with Significant Tricuspid Regurgitation: Effects of Obesity on Right Ventricular Remodeling and Long-Term Prognosis. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 20-29	5.8	0
873	2020 ESC Guidelines for the diagnosis and management of atrial fibrillation developed in collaboration with the European Association for Cardio-Thoracic Surgery (EACTS): The Task Force for the diagnosis and management of atrial fibrillation of the European Society of Cardiology (ESC)	9.5	1676
872	Developed with the special contribution of the European Heart Rhythm Association (EHRA) of the ESC. <i>European Heart Journal</i> , 2021 , 42, 373-498 Development, validation, and implementation of biomarker testing in cardiovascular medicine state-of-the-art: proceedings of the European Society of Cardiology-Cardiovascular Round Table. <i>Cardiovascular Research</i> , 2021 , 117, 1248-1256	9.9	1
871	Assessing myocardial perfusion in suspected coronary artery disease: rationale and design of the second phase 3, open-label multi-center study of flurpiridaz (F-18) injection for positron emission tomography (PET) imaging. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1105-1116	2.1	1
870	Computed Tomography-Derived Transesophageal Echocardiographic Views: Step Forward for Procedural Planning of Transcatheter Tricuspid Valve Annuloplasty. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e011107	3.9	2

869	Mitral Valve Annulus Dimensions Assessment with Three-Dimensional Echocardiography Versus Computed Tomography: Implications for Transcatheter Interventions. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
868	Mitral valve repair for isolated posterior mitral valve leaflet prolapse: The effect of respect and resect techniques on left ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	4
867	Multi-Modality Imaging for Interventions in Tricuspid Valve Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 638487	5.4	3
866	Relationship of Stress Test Findings to Anatomic or Functional Extent of Coronary Artery Disease Assessed by Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve. <i>BioMed Research International</i> , 2021 , 2021, 6674144	3	
865	Orientation of the right superior pulmonary vein affects outcome after pulmonary vein isolation. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	3
864	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. <i>ESC Heart Failure</i> , 2021 , 8, 1924-1932	3.7	3
863	Myocardial Work, an Echocardiographic Measure of Post Myocardial Infarct Scar on Contrast-Enhanced Cardiac Magnetic Resonance. <i>American Journal of Cardiology</i> , 2021 , 151, 1-9	3	2
862	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 322-330	2.8	3
861	Prosthesis-Patient Mismatch After Aortic Valve Replacement in the PARTNER 2 Trial and Registry. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1466-1477	5	4
860	Summary: 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, 481-496	3	1
859	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
858	Prevalence of Aortic Valve Stenosis in Patients With ST-Segment Elevation Myocardial Infarction and Effect on Long-Term Outcome. <i>American Journal of Cardiology</i> , 2021 , 153, 30-35	3	0
857	Differential progression of coronary atherosclerosis according to plaque composition: a cluster analysis of PARADIGM registry data. <i>Scientific Reports</i> , 2021 , 11, 17121	4.9	0
856	Coronary Computed Tomographic Angiography for Complete Assessment of Coronary Artery Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 713-736	15.1	4
855	Association of Tube Voltage With Plaque Composition on Coronary CT Angiography: Results From PARADIGM Registry. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 2429-2440	8.4	0
854	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e200496	8.3	2
853	Anatomical Characteristics of the Left Atrium and Left Atrial Appendage in Relation to the Risk of Stroke in Patients With Versus Without Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009777	6.4	0
852	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. <i>JAMA Cardiology</i> , 2021 , 6, 1257-1266	16.2	15

851	Echocardiography-derived total atrial conduction time (PA-TDI duration): risk stratification and guidance in atrial fibrillation management. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1734-1742	6.1	2
850	Post-COVID-19 Tachycardia Syndrome: A Distinct Phenotype of Post-Acute COVID-19 Syndrome. <i>American Journal of Medicine</i> , 2021 ,	2.4	18
849	Impact of Atrial Fibrillation on Outcome in Takotsubo Syndrome: Data From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , 2021 , 10, e014059	6	2
848	Left Ventricular Global Longitudinal Strain as a Predictor of Outcomes in Patients with Heart Failure with Secondary Mitral Regurgitation: The COAPT Trial. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 955-965	5.8	0
847	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Annals of Thoracic Surgery</i> , 2021 , 112, e203-e235	2.7	3
846	Ratio between Vena Contracta Width and Tricuspid Annular Diameter: Prognostic Value in Secondary Tricuspid Regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 944-954	5.8	3
845	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
844	Prognostic Implications of Associated Cardiac Abnormalities Detected on Echocardiography in Patients With Moderate Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1724-1737	8.4	1
843	Sex differences in left ventricular remodelling in patients with severe aortic valve stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	1
842	Summary: 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, 781-797	1.5	0
841	Prognostic Implications of Left Ventricular Myocardial Work Indices in Patients With Secondary Mitral Regurgitation. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e012142	3.9	1
840	Summary: International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1005-1022	2.7	0
839	Trans-lesional fractional flow reserve gradient as derived from coronary CT improves patient management: ADVANCE registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 ,	2.8	1
838	Changes in Global Left Ventricular Myocardial Work Indices and Stunning Detection 3 Months After ST-Segment Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2021 , 157, 15-21	3	3
837	Prevalence and Long-term Outcomes of Patients with Coronary Artery Ectasia Presenting with Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2021 , 156, 9-15	3	3
836	Changing the Paradigm in the Management of Valvular Heart Disease: In Addition to Left Ventricular Ejection Fraction, Focus on the Myocardium. <i>Circulation</i> , 2021 , 143, 209-211	16.7	1
835	Topological Data Analysis of Coronary Plaques Demonstrates the Natural History of Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1410-1421	8.4	3
834	Moderate aortic stenosis: importance of symptoms and left ventricular ejection fraction. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	1

833	Cardiovascular Effects of Autologous Bone Marrow-Derived Mesenchymal Stromal Cell Therapy With Early Tacrolimus Withdrawal in Renal Transplant Recipients: An Analysis of the Randomized TRITON Study.. <i>Journal of the American Heart Association</i> , 2021 , 10, e023300	6	0
832	Echocardiographic Global Longitudinal Strain Is Associated With Myocardial Fibrosis and Predicts Outcomes in Aortic Stenosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 750016	5.4	2
831	Hyperdynamic left ventricular function and the prognostic implications for heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2020 , 41, 1258-1259	9.5	3
830	Exercise haemodynamics after restrictive mitral annuloplasty for functional mitral regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 299-306	4.1	1
829	Incorporating Coronary Calcification Into Pre-Test Assessment of the Likelihood of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2421-2432	15.1	30
828	Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning. <i>PLoS ONE</i> , 2020 , 15, e0232573	3.7	11
827	Global longitudinal strain: clinical use and prognostic implications in contemporary practice. <i>Heart</i> , 2020 , 106, 1438-1444	5.1	9
826	Clinical presentation and outcomes of adults with bicuspid aortic valves: 2020 update. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 434-441	8.5	5
825	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , 2020 , 41, 3255-3268	9.5	20
824	Impact of tricuspid regurgitation on survival in patients with heart failure: a large electronic health record patient-level database analysis. <i>European Journal of Heart Failure</i> , 2020 , 22, 1803-1813	12.3	27
823	Correlates and Long-Term Implications of Left Ventricular Mechanical Dispersion by Two-Dimensional Speckle-Tracking Echocardiography in Patients with ST-Segment Elevation Myocardial Infarction. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 964-972	5.8	2
822	Left ventricular functional recovery of infarcted and remote myocardium after ST-segment elevation myocardial infarction (METOCARD-CNIC randomized clinical trial substudy). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 44	6.9	8
821	Subclinical Leaflet Thrombosis in Transcatheter and Surgical Bioprosthetic Valves: PARTNER 3 Cardiac Computed Tomography Substudy. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 3003-3015	15.1	62
820	Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 973-980	4.1	13
819	Resource and Infrastructure-Appropriate Management of ST-Segment Elevation Myocardial Infarction in Low- and Middle-Income Countries. <i>Circulation</i> , 2020 , 141, 2004-2025	16.7	16
818	Characteristics and Prognosis of Patients With Nonvalvular Atrial Fibrillation and Significant Valvular Heart Disease Referred for Electrical Cardioversion. <i>American Journal of Cardiology</i> , 2020 , 128, 84-91	3	1
817	Association Between Flow Impairment in Dominant Coronary Atrial Branches and Atrial Arrhythmias in Patients With ST-Segment Elevation Myocardial Infarction. <i>Cardiovascular Revascularization Medicine</i> , 2020 , 21, 1493-1499	1.6	0
816	Prognostic Implications of Staging Right Heart Failure in Patients With Significant Secondary Tricuspid Regurgitation. <i>JACC: Heart Failure</i> , 2020 , 8, 627-636	7.9	10

815	Left Ventricular Systolic Function in Patients with Systemic Lupus Erythematosus and Its Association with Cardiovascular Events. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1116-1122	5.8	7
814	Sex differences in bicuspid aortic valve disease. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 452-456	8.5	7
813	How valvular calcification can affect the outcomes of transcatheter aortic valve implantation. <i>Expert Review of Medical Devices</i> , 2020 , 17, 773-784	3.5	6
812	Rationale and design of a prospective, randomized, controlled, multicenter study to evaluate the safety and efficacy of transcatheter heart valve replacement in female patients with severe symptomatic aortic stenosis requiring aortic valve intervention (Randomized research in womEn all comers with Aortic stenosis [RHETA] trial). <i>American Heart Journal</i> , 2020 , 226, 27-35	4.9	3
811	COPD and acute myocardial infarction. <i>European Respiratory Review</i> , 2020 , 29,	9.8	13
810	Noninvasive Myocardial Work Indices 3 Months after ST-Segment Elevation Myocardial Infarction: Prevalence and Characteristics of Patients with Postinfarction Cardiac Remodeling. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1172-1179	5.8	7
809	Role of cardiovascular imaging in cancer patients receiving cardiotoxic therapies: a position statement on behalf of the Heart Failure Association (HFA), the European Association of Cardiovascular Imaging (EACVI) and the Cardio-Oncology Council of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2020 , 22, 1504-1524	12.3	74
808	Regional Left Ventricular Myocardial Work Indices and Response to Cardiac Resynchronization Therapy. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1852-1854	8.4	3
807	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
806	Fractional Flow Reserve Derived from Coronary Computed Tomography Angiography Safely Defers Invasive Coronary Angiography in Patients with Stable Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	12
805	Clinical risk factors and atherosclerotic plaque extent to define risk for major events in patients without obstructive coronary artery disease: the long-term coronary computed tomography angiography CONFIRM registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 479-488	4.1	21
804	Prognostic Value of Left Ventricular Global Longitudinal Strain in Patients With Secondary Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 750-758	15.1	27
803	Left ventricular remodelling after ST-segment elevation myocardial infarction: sex differences and prognosis. <i>ESC Heart Failure</i> , 2020 , 7, 474-481	3.7	4
802	Prognostic Implications of Renal Dysfunction in Patients With Aortic Stenosis. <i>American Journal of Cardiology</i> , 2020 , 125, 1108-1114	3	2
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