

Hector I Michelena

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3516554/hector-i-michelena-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

166
papers

6,627
citations

40
h-index

79
g-index

181
ext. papers

9,019
ext. citations

6.9
avg, IF

5.85
L-index

#	Paper	IF	Citations
166	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse.. <i>European Heart Journal</i> , 2022 ,	9.5	2
165	Impact of mitral intervention on outcomes of patients with mitral valve dysfunction and annulus calcification.. <i>Catheterization and Cardiovascular Interventions</i> , 2022 ,	2.7	1
164	Association of transcatheter edge-to-edge repair with improved survival in older patients with severe, symptomatic degenerative mitral regurgitation.. <i>European Heart Journal</i> , 2022 ,	9.5	3
163	Renal function changes associated with transcatheter aortic valve-in-valve for prosthetic regurgitation compared to stenosis.. <i>IJC Heart and Vasculature</i> , 2022 , 39, 100999	2.4	
162	Prevalence and Outcomes of Bicuspid Aortic Valve in Patients With Aneurysmal Sub-Arachnoid Hemorrhage: A Prospective Neurology Registry Report.. <i>Journal of the American Heart Association</i> , 2022 , e022339	6	
161	Incremental Prognosis by Left Atrial Functional Assessment: The Left Atrial Coupling Index in Patients With Floppy Mitral Valves.. <i>Journal of the American Heart Association</i> , 2022 , e024814	6	0
160	Risk factors and progression of systolic anterior motion after mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 567-577	1.5	6
159	Left Atrial Volumetric/Mechanical Coupling Index: A Novel Predictor of Outcome in Heart Failure With Reduced Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e011608	3.9	5
158	Thromboembolic Complications of Annuloplasty Rings. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1659-1665	4	1
157	Reply: Sometimes Consensus is a Euphemism for Compromise. <i>JTCVS Open</i> , 2021 ,	0.2	0
156	Commentary: Bicuspid Aortic Valves and Infective Endocarditis: A real problem without clear solutions.. <i>JTCVS Open</i> , 2021 ,	0.2	
155	Transcatheter Aortic Valve Replacement in Low-risk Patients With Bicuspid Aortic Valve Stenosis. <i>JAMA Cardiology</i> , 2021 , 6, 50-57	16.2	20
154	Electrocardiogram screening for aortic valve stenosis using artificial intelligence. <i>European Heart Journal</i> , 2021 , 42, 2885-2896	9.5	17
153	Clinical Outcomes of Adults With Bicuspid Aortic Valve: A European Perspective. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 648-657	6.4	
152	Acute Severe Functional Mitral Regurgitation After Non-Mitral Valve Cardiac Surgery-Left Ventricular Dyssynchrony as a Potential Mechanism. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 1292-1298	2.1	2
151	Frequency of intracranial aneurysms and sub-arachnoid hemorrhage is significantly lesser in bicuspid aortic valve than aortic coarctation. <i>International Journal of Cardiology</i> , 2021 , 330, 229-231	3.2	1
150	Anomalous coronary artery origin from the opposite sinus in patients with bicuspid aortic valve: comparison with tricuspid aortic valve. <i>Open Heart</i> , 2021 , 8, e001567	3	78

149	The Mitral Annular Disjunction of Mitral Valve Prolapse: Presentation and Outcome. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 2073-2087	8.4	12
148	Aortic Stenosis Progression, Cardiac Damage, and Survival: Comparison Between Bicuspid and Tricuspid Aortic Valves. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1113-1126	8.4	4
147	Diastolic blood pressure predicts outcomes after aortic paravalvular leak closure. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E79-E87	2.7	2
146	Bicuspid Aortic Valve Repair: Causes of Valve Failure and Long-Term Outcomes. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 1225-1232	2.7	6
145	Risk Stratification in Bicuspid Aortic Valve Aortopathy: Emerging Evidence and Future Perspectives. <i>Current Problems in Cardiology</i> , 2021 , 46, 100428	17.1	18
144	Association of Echocardiographic Left Ventricular End-Systolic Volume and Volume-Derived Ejection Fraction With Outcome in Asymptomatic Chronic Aortic Regurgitation. <i>JAMA Cardiology</i> , 2021 , 6, 189-198	16.2	3
143	Association of Left Ventricular Volume in Predicting Clinical Outcomes in Patients with Aortic Regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 352-359	5.8	3
142	Contemporary differences between bicuspid and tricuspid aortic valve in chronic aortic regurgitation. <i>Heart</i> , 2021 , 107, 916-924	5.1	1
141	Pannus: a multi-modality imaging affair. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 250	4.1	
140	Biomarker and Invasive Hemodynamic Assessment of Cardiac Damage Class in Aortic Stenosis. <i>Structural Heart</i> , 2021 , 5, 208-217	0.6	0
139	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
138	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
137	Sex Differences in Outcomes of Patients With Chronic Aortic Regurgitation: Closing the Mortality Gap. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2145-2156	6.4	0
136	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
135	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
134	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
133	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
132	Mitral Annular Disjunction of Degenerative Mitral Regurgitation: Three-Dimensional Evaluation and Implications for Mitral Repair. <i>Journal of the American Society of Echocardiography</i> , 2021 ,	5.8	3

131	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
130	Long-Term Survival of Patients With Left Ventricular Noncompaction. <i>Journal of the American Heart Association</i> , 2021 , 10, e015563	6	11
129	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
128	Shear Stress and Aortic Strain Associations With Biomarkers of Ascending Thoracic Aortic Aneurysm. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1595-1604	2.7	14
127	Reply: Mortality-Association of Diastolic Blood Pressure and Heart Rate in Aortic Regurgitation: A Matter of Fact. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2276-2278	15.1	
126	The elusive 'forme fruste' bicuspid aortic valve: 3D transoesophageal echocardiography to the rescue. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 1169	4.1	8
125	Multimodality imaging in bicuspid aortic valve. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 442-451	8.5	1
124	Clinical history and management of bicuspid aortic valve in children and adolescents. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 425-433	8.5	5
123	Institutional learning experience for combined edge-to-edge tricuspid and mitral valve repair. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 1323-1330	2.7	7
122	Stage B Aortic Regurgitation in Bicuspid Aortic Valve: New Observations on Progression Rate and Predictors. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1442-1445	8.4	11
121	Mitral Valve Prolapse Patients with Less than Moderate Mitral Regurgitation Exhibit Early Cardiac Chamber Remodeling. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 815-825.e2	5.8	7
120	Sex differences in bicuspid aortic valve disease. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 452-456	8.5	7
119	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
118	Aetiology and outcomes of severe right ventricular dysfunction. <i>European Heart Journal</i> , 2020 , 41, 1273-1282	3.5	26
117	Can Aortic Regurgitation Evolve into Aortic Stenosis? New Insights on Mixed Aortic Valve Disease. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 406-408	5.8	2
116	Bleeding Complications of Ultrasound-Guided Pericardiocentesis in the Presence of Coagulopathy or Thrombocytopenia. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 399-401	5.8	3
115	Adult Intraoperative Echocardiography: A Comprehensive Review of Current Practice. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 735-755.e11	5.8	3
114	Double-orifice mitral valve associated and bicuspid aortic valve: forme fruste of Shone's complex?. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 118	4.1	3

113	Eccentric Enlargement of the Aortic Sinuses in Pediatric and Adult Patients with Bicuspid Aortic Valves: A Cardiac MRI Study. <i>Pediatric Cardiology</i> , 2020 , 41, 350-360	2.1	8
112	Diastolic Blood Pressure and Heart Rate Are Independently Associated With Mortality in Chronic Aortic Regurgitation. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 29-39	15.1	14
111	The bicuspid aortic valve raphe: an evolving structure. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 590	4.1	9
110	Accelerated extensive mitral valve calcification in a young end-stage kidney disease patient. <i>European Heart Journal</i> , 2020 , 41, 4361	9.5	
109	Concomitant Mitral Regurgitation in Patients With Chronic Aortic Regurgitation. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 233-246	15.1	8
108	Reply: Beyond the Valve, Left Ventricle Remodeling May Be the Pivotal Factor for Survival in AR. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2177-2179	15.1	
107	Presentation and Outcome of Arrhythmic Mitral Valve Prolapse. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 637-649	15.1	54
106	Nosology Spectrum of the Bicuspid Aortic Valve Condition: Complex-Presentation Valvulo-Aortopathy. <i>Circulation</i> , 2020 , 142, 294-299	16.7	7
105	Mechanisms of Rare Unicuspid Aortic Valve With Predominant Aortic Regurgitation Uncovered by Multimodality Imaging. <i>JACC: Case Reports</i> , 2020 , 2, 1135-1136	1.2	
104	Surgical repair of bicuspid aortopathy at small diameters: Clinical and institutional factors. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 2216-2226.e2	1.5	7
103	Functional tricuspid regurgitation of degenerative mitral valve disease: a crucial determinant of survival. <i>European Heart Journal</i> , 2020 , 41, 1918-1929	9.5	24
102	Long-Term Implications of Atrial Fibrillation in Patients With Degenerative Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 264-274	15.1	24
101	Causes and mechanisms of isolated mitral regurgitation in the community: clinical context and outcome. <i>European Heart Journal</i> , 2019 , 40, 2194-2202	9.5	56
100	Excess Mortality Associated With Functional Tricuspid Regurgitation Complicating Heart Failure With Reduced Ejection Fraction. <i>Circulation</i> , 2019 , 140, 196-206	16.7	98
99	Outcomes in Chronic Hemodynamically Significant Aortic Regurgitation and Limitations of Current Guidelines. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1741-1752	15.1	49
98	Aortopathy and regurgitation in bicuspid valve patients increase the risk of aortopathy in relatives. <i>International Journal of Cardiology</i> , 2019 , 286, 117-120	3.2	2
97	Degenerative Mitral Regurgitation After Nonmitral Cardiac Surgery: MitraClip Versus Surgical Reconstruction. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 725-731	2.7	8
96	Burden of Tricuspid Regurgitation in Patients Diagnosed in the Community Setting. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 433-442	8.4	174

95	Prognostic Implications of Left Atrial Enlargement in Degenerative Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 858-870	15.1	18
94	Patterns of ascending aortic dilatation and predictors of surgical replacement of the aorta: A comparison of bicuspid and tricuspid aortic valve patients over eight years of follow-up. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 135, 31-39	5.8	9
93	Contemporary Etiologies, Mechanisms, and Surgical Approaches in Pure Native Aortic Regurgitation. <i>Mayo Clinic Proceedings</i> , 2019 , 94, 1158-1170	6.4	18
92	Predictors of Progression in Patients With Stage B Aortic Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2480-2492	15.1	16
91	Echocardiography underestimates the aortic root diameter in patients with bicuspid aortic valve, but short-axis imaging can help. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e121-e123	1.5	
90	Robotic Mitral Valve Repair: Indication for Surgery Does Not Influence Early Outcomes. <i>Mayo Clinic Proceedings</i> , 2019 , 94, 2263-2269	6.4	4
89	Prospective US investigational device exemption trial of a sutureless aortic bioprosthesis: One-year outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1773-1782.e3	1.5	11
88	Coexistent bicuspid aortic valve and mitral valve prolapse: epidemiology, phenotypic spectrum, and clinical implications. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 677-686	4.1	10
87	Outcome and undertreatment of mitral regurgitation: a community cohort study. <i>Lancet, The</i> , 2018 , 391, 960-969	40	126
86	Clinical and echocardiographic factors associated with mitral plasticity in patients with chronic inferior myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 508-515	4.1	10
85	The MIDA Mortality Risk Score: development and external validation of a prognostic model for early and late death in degenerative mitral regurgitation. <i>European Heart Journal</i> , 2018 , 39, 1281-1291	9.5	22
84	Quadricuspid mitral valve: a rare phenotype associated with hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2018 , 39, 1280	9.5	2
83	Pathophysiology of Degenerative Mitral Regurgitation: New 3-Dimensional Imaging Insights. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e005971	3.9	26
82	Pseudomyxoma of the tricuspid valve: the unusual suspect. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 241-242	4.1	
81	Comparative study of bicuspid vs. tricuspid aortic valve stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 3-8	4.1	22
80	Reoperation rate for recurrent mitral disease is low after robotically assisted mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, e13-e16	1.5	0
79	Clinical presentation and outcome of tricuspid regurgitation in patients with systolic dysfunction. <i>European Heart Journal</i> , 2018 , 39, 3584-3592	9.5	50
78	Corrigan's Pulse and Quincke's Pulse. <i>New England Journal of Medicine</i> , 2018 , 379, e9	59.2	3

77	The American Association for Thoracic Surgery consensus guidelines on bicuspid aortic valve-related aortopathy: Executive summary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 473-480	1.5	42
76	The American Association for Thoracic Surgery consensus guidelines on bicuspid aortic valve-related aortopathy: Full online-only version. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, e41-e74	1.5	109
75	The Bicuspid Aortic Valve Condition: The Critical Role of Echocardiography and the Case for a Standard Nomenclature Consensus. <i>Progress in Cardiovascular Diseases</i> , 2018 , 61, 404-415	8.5	14
74	Low-Gradient Aortic Stenosis: Solving the Conundrum Using Multi-Modality Imaging. <i>Progress in Cardiovascular Diseases</i> , 2018 , 61, 416-422	8.5	3
73	Doppler-Echocardiographic Assessment of Tricuspid Regurgitation. <i>Progress in Cardiovascular Diseases</i> , 2018 , 61, 397-403	8.5	5
72	Post-ischæmic exuberant left ventricular mass: thrombus vs. tumour-case report. <i>European Heart Journal - Case Reports</i> , 2018 , 2, yty077	0.9	2
71	Persistent ST-Segment Elevation: A Pandora's Box. <i>Circulation</i> , 2018 , 138, 1166-1168	16.7	1
70	Clinical Outcome of Degenerative Mitral Regurgitation: Critical Importance of Echocardiographic Quantitative Assessment in Routine Practice. <i>Circulation</i> , 2018 , 138, 1317-1326	16.7	31
69	Impact of Aortic Valve Calcification and Sex on Hemodynamic Progression and Clinical Outcomes in AS. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2096-2098	15.1	22
68	Transthoracic Echocardiography versus Computed Tomography for Ascending Aortic Measurements in Patients with Bicuspid Aortic Valve. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 625-635	5.8	24
67	Twenty-Year Outcome After Mitral Repair Versus Replacement for Severe Degenerative Mitral Regurgitation: Analysis of a Large, Prospective, Multicenter, International Registry. <i>Circulation</i> , 2017 , 135, 410-422	16.7	132
66	Bioprosthetic degeneration after bioprosthetic thrombosis: apparently unrelated. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 1413	4.1	
65	Functional anatomy and pathophysiologic principles in mitral regurgitation: Non-invasive assessment. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 289-304	8.5	6
64	Sex Differences and Survival in Adults With Bicuspid Aortic Valves: Verification in 3 Contemporary Echocardiographic Cohorts. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	37
63	Are Zebras Simply Striped Horses?. <i>Circulation</i> , 2016 , 133, 434-41	16.7	
62	Incidence of Infective Endocarditis in Patients With Bicuspid Aortic Valves in the Community. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 122-3	6.4	27
61	Diastolic Mitral Regurgitation in a Patient With Complex Native Mitral and Aortic Valve Endocarditis: A Rare Phenomenon With Potential Catastrophic Consequences. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2016 , 20, 100-3	1.4	2
60	Incidence and Predictors of Infective Endocarditis in Mitral Valve Prolapse: A Population-Based Study. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 336-42	6.4	25

59	Effect of Recurrent Mitral Regurgitation Following Degenerative Mitral Valve Repair: Long-Term Analysis of Competing Outcomes. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 488-98	15.1	128
58	Guidelines for the Use of Echocardiography in the Evaluation of a Cardiac Source of Embolism. <i>Journal of the American Society of Echocardiography</i> , 2016 , 29, 1-42	5.8	210
57	Survey Reported Participation in Cardiac Rehabilitation and Survival After Mitral or Aortic Valve Surgery. <i>American Journal of Cardiology</i> , 2016 , 117, 1985-91	3	8
56	Comprehensive Imaging in Women With Organic Mitral Regurgitation: Implications for Clinical Outcome. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 388-96	8.4	25
55	Association of B-Type Natriuretic Peptide With Survival in Patients With Degenerative Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1297-307	15.1	30
54	Autosomal and X chromosome structural variants are associated with congenital heart defects in Turner syndrome: The NHLBI GenTAC registry. <i>American Journal of Medical Genetics, Part A</i> , 2016 , 170, 3157-3164	2.5	32
53	Survival by stroke volume index in patients with low-gradient normal EF severe aortic stenosis. <i>Heart</i> , 2015 , 101, 23-9	5.1	56
52	Is there an outcome penalty linked to guideline-based indications for valvular surgery? Early and long-term analysis of patients with organic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 50-8	1.5	49
51	Effect of left ventricular ejection fraction on postoperative outcome in patients with severe aortic stenosis undergoing aortic valve replacement. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	55
50	Robotic Mitral Valve Repair for Simple and Complex Degenerative Disease: Midterm Clinical and Echocardiographic Quality Outcomes. <i>Circulation</i> , 2015 , 132, 1961-8	16.7	56
49	Mechanisms of Mitral Valve Dysfunction Following Mitral Valve Repair for Degenerative Disease. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 1223-1227	8.4	7
48	Bicuspid aortic valve aortopathy in adults: Incidence, etiology, and clinical significance. <i>International Journal of Cardiology</i> , 2015 , 201, 400-7	3.2	89
47	Untreated aortic valve stenosis identified at the time of coronary artery bypass grafting: thresholds associated with adverse prognosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 712-9	3	3
46	The pathology and pathobiology of bicuspid aortic valve: State of the art and novel research perspectives. <i>Journal of Pathology: Clinical Research</i> , 2015 , 1, 195-206	5.3	37
45	Causes of death and predictors of survival after aortic valve replacement in low flow vs. normal flow severe aortic stenosis with preserved ejection fraction. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 1270-5	4.1	26
44	Dynamic phenotypes of degenerative myxomatous mitral valve disease: quantitative 3-dimensional echocardiographic study. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	50
43	Cleft-like indentations in myxomatous mitral valves by three-dimensional echocardiographic imaging. <i>Heart</i> , 2015 , 101, 1111-7	5.1	26
42	Transthoracic echocardiogram-guided agitated-saline aortography for post-TAVR peri-prosthetic leak evaluation. <i>European Heart Journal</i> , 2015 , 36, 1305	9.5	

41	Multimodality imaging of diseases of the thoracic aorta in adults: from the American Society of Echocardiography and the European Association of Cardiovascular Imaging: endorsed by the Society of Cardiovascular Computed Tomography and Society for Cardiovascular Magnetic Resonance. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 119-82	5.8	347
40	Blue-black eyes and legs. <i>Lancet, The</i> , 2015 , 385, 452	4.0	4
39	A roadmap to investigate the genetic basis of bicuspid aortic valve and its complications: insights from the International BAVCon (Bicuspid Aortic Valve Consortium). <i>Journal of the American College of Cardiology</i> , 2014 , 64, 832-9	15.1	119
38	Impact of aortic valve calcification, as measured by MDCT, on survival in patients with aortic stenosis: results of an international registry study. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 1202-13	15.1	258
37	Bicuspid aortic valve: identifying knowledge gaps and rising to the challenge from the International Bicuspid Aortic Valve Consortium (BAVCon). <i>Circulation</i> , 2014 , 129, 2691-704	16.7	227
36	Cleft posterior mitral leaflet resembling a tri-leaflet mitral valve: a novel phenotypic association with hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2014 , 35, 1623	9.5	11
35	Interventional echocardiography. <i>Progress in Cardiovascular Diseases</i> , 2014 , 57, 32-46	8.5	14
34	Venezuela: violence, human rights, and health-care realities. <i>Lancet, The</i> , 2014 , 383, 1969	4.0	1
33	Adult perioperative echocardiography: anatomy, mechanisms and effective communication. <i>Progress in Cardiovascular Diseases</i> , 2014 , 57, 74-90	8.5	2
32	Response to letter regarding article, "Flow-gradient patterns in severe aortic stenosis with preserved ejection fraction: clinical characteristics and predictors of survival". <i>Circulation</i> , 2014 , 130, e39	16.7	
31	Clinical outcome of isolated tricuspid regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 1185-94	8.4	269
30	Aortic dilatation patterns and rates in adults with bicuspid aortic valves: a comparative study with Marfan syndrome and degenerative aortopathy. <i>Heart</i> , 2014 , 100, 126-34	5.1	140
29	B-type natriuretic peptide clinical activation in aortic stenosis: impact on long-term survival. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2016-25	15.1	127
28	Surgical treatment of bicuspid aortic valve disease: knowledge gaps and research perspectives. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1749-57, 1757.e1	1.5	65
27	Bicuspid aortic valve: a neglected feature of Shone's complex?. <i>Pediatric Cardiology</i> , 2014 , 35, 186-7	2.1	10
26	Association between early surgical intervention vs watchful waiting and outcomes for mitral regurgitation due to flail mitral valve leaflets. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 609-16	27.4	219
25	The complex nature of discordant severe calcified aortic valve disease grading: new insights from combined Doppler echocardiographic and computed tomographic study. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2329-38	15.1	295
24	Flow-gradient patterns in severe aortic stenosis with preserved ejection fraction: clinical characteristics and predictors of survival. <i>Circulation</i> , 2013 , 128, 1781-9	16.7	209

23	Type A aortic dissection in patients with bicuspid aortic valves: clinical and pathological comparison with tricuspid aortic valves. <i>Heart</i> , 2013 , 99, 1668-74	5.1	57
22	Impact of ageing on presentation and outcome of mitral regurgitation due to flail leaflet: a multicentre international study. <i>European Heart Journal</i> , 2013 , 34, 2600-9	9.5	18
21	Inconsistent echocardiographic grading of aortic stenosis: is the left ventricular outflow tract important?. <i>Heart</i> , 2013 , 99, 921-31	5.1	77
20	Clinical context and mechanism of functional tricuspid regurgitation in patients with and without pulmonary hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 314-23	3.9	139
19	Fate of nonreplaced sinuses of Valsalva in bicuspid aortic valve disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 278-84	1.5	75
18	Should the proximal arch be routinely replaced in patients with bicuspid aortic valve disease and ascending aortic aneurysm?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 602-7	1.5	39
17	Frequency of cardiovascular events in women with a congenitally bicuspid aortic valve in a single community and effect of pregnancy on events. <i>American Journal of Cardiology</i> , 2011 , 107, 96-9	3	56
16	Prognostic and therapeutic implications of pulmonary hypertension complicating degenerative mitral regurgitation due to flail leaflet: a multicenter long-term international study. <i>European Heart Journal</i> , 2011 , 32, 751-9	9.5	123
15	Degenerative mitral valve regurgitation: understanding basic concepts and new developments. <i>Postgraduate Medicine</i> , 2011 , 123, 56-69	3.7	11
14	Incidence of aortic complications in patients with bicuspid aortic valves. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 1104-12	27.4	499
13	Intraoperative echocardiography in valvular heart disease: an evidence-based appraisal. <i>Mayo Clinic Proceedings</i> , 2010 , 85, 646-55	6.4	24
12	Progress in the treatment of severe mitral regurgitation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2010 , 63, 820-31	0.7	2
11	A dangerous myxoma. <i>Cardiovascular Pathology</i> , 2010 , 19, e251-2	3.8	1
10	Avances en el tratamiento de la insuficiencia mitral grave. <i>Revista Espanola De Cardiologia</i> , 2010 , 63, 820-831	1.5	11
9	Long-term risk of aortic events following aortic valve replacement in patients with bicuspid aortic valves. <i>American Journal of Cardiology</i> , 2010 , 106, 1626-33	3	92
8	Gender in atrial fibrillation: Ten years later. <i>Gender Medicine</i> , 2010 , 7, 206-17		83
7	Mitral valve re-repair: correlating real-time three-dimensional intra-operative transoesophageal echocardiography and surgical findings. <i>European Heart Journal</i> , 2009 , 30, 3073	9.5	1
6	Seeing or hearing to believe, or both?. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 246-7; author reply 247-8	8.4	

- 5 A torn 15-year-old aortic bioprosthesis in the setting of percutaneous coronary intervention: echocardiographic diagnosis and pathologic correlation. A case report. *Journal of Heart Valve Disease*, **2009**, 18, 228-31 2
- 4 Natural history of asymptomatic patients with normally functioning or minimally dysfunctional bicuspid aortic valve in the community. *Circulation*, **2008**, 117, 2776-84 16.7 376
- 3 Right ventricular plasticity. *Internal Medicine*, **2008**, 47, 1443-4 1.1
- 2 "Good-old" transthoracic echo: tracking aortic dissection from top to bottom. *Echocardiography*, **2007**, 24, 883-4 1.5
- 1 Anticoagulation in the elderly. *The American Journal of Geriatric Cardiology*, **2003**, 12, 243-50 14