

David Messika-Zeitoun

List of Publications by Year in descending order

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114
papers

9,761
citations

81900

39
h-index

36028

97
g-index

114
all docs

114
docs citations

114
times ranked

6845
citing authors

#	ARTICLE	IF	CITATIONS
1	Percutaneous Repair or Medical Treatment for Secondary Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2018, 379, 2297-2306.	27.0	1,276
2	Quantitative Determinants of the Outcome of Asymptomatic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2005, 352, 875-883.	27.0	975
3	Decision-making in elderly patients with severe aortic stenosis: why are so many denied surgery?. <i>European Heart Journal</i> , 2005, 26, 2714-2720.	2.2	966
4	What are the characteristics of patients with severe, symptomatic, mitral regurgitation who are denied surgery?. <i>European Heart Journal</i> , 2007, 28, 1358-1365.	2.2	763
5	The Complex Nature of Discordant Severe Calcified Aortic Valve Disease Grading. <i>Journal of the American College of Cardiology</i> , 2013, 62, 2329-2338.	2.8	436
6	Multimodal Assessment of the Aortic Annulus Diameter. <i>Journal of the American College of Cardiology</i> , 2010, 55, 186-194.	2.8	414
7	Evaluation and Clinical Implications of Aortic Valve Calcification Measured by Electron-Beam Computed Tomography. <i>Circulation</i> , 2004, 110, 356-362.	1.6	344
8	Measurement of aortic valve calcification using multislice computed tomography: correlation with haemodynamic severity of aortic stenosis and clinical implication for patients with low ejection fraction. <i>Heart</i> , 2011, 97, 721-726.	2.9	320
9	Infective Endocarditis After Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2015, 131, 1566-1574.	1.6	227
10	Impact of Left Atrial Volume on Clinical Outcome in Organic Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2010, 56, 570-578.	2.8	202
11	Sex Differences in Aortic Valve Calcification Measured by Multidetector Computed Tomography in Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 40-47.	2.6	202
12	Aortic Valve Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 642-648.	2.4	173
13	Medical and surgical outcome of tricuspid regurgitation caused by flail leaflets. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 128, 296-302.	0.8	166
14	Aortic Valve Area Calculation in Aortic Stenosis by CT and Doppler Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 248-257.	5.3	157
15	Cardioband, a transcatheter surgical-like direct mitral valve annuloplasty system: early results of the feasibility trial. <i>European Heart Journal</i> , 2016, 37, 817-825.	2.2	156
16	Percutaneous repair or medical treatment for secondary mitral regurgitation: outcomes at 2 years. <i>European Journal of Heart Failure</i> , 2019, 21, 1619-1627.	7.1	149
17	Isolated tricuspid valve surgery: impact of aetiology and clinical presentation on outcomes. <i>European Heart Journal</i> , 2020, 41, 4304-4317.	2.2	147
18	Left atrial remodelling in mitral regurgitation—methodologic approach, physiological determinants, and outcome implications: a prospective quantitative Doppler-echocardiographic and electron beam-computed tomographic study. <i>European Heart Journal</i> , 2007, 28, 1773-1781.	2.2	136

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19	Transcatheter mitral valve repair for functional mitral regurgitation using the Cardioband system: 1 year outcomes. <i>European Heart Journal</i> , 2019, 40, 466-472.	2.2	133
20	Cardiopulmonary Exercise Testing Determination of Functional Capacity in Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2006, 47, 2521-2527.	2.8	127
21	TRI-SCORE: a new risk score for in-hospital mortality prediction after isolated tricuspid valve surgery. <i>European Heart Journal</i> , 2022, 43, 654-662.	2.2	119
22	Inconsistent echocardiographic grading of aortic stenosis: is the left ventricular outflow tract important?. <i>Heart</i> , 2013, 99, 921-931.	2.9	102
23	A transcriptome-wide association study identifies PALMD as a susceptibility gene for calcific aortic valve stenosis. <i>Nature Communications</i> , 2018, 9, 988.	12.8	93
24	A clinical risk score of myocardial fibrosis predicts adverse outcomes in aortic stenosis. <i>European Heart Journal</i> , 2016, 37, 713-723.	2.2	90
25	Comparison of 2-Dimensional, 3-Dimensional, and Surgical Measurements of the Tricuspid Annulus Size. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e003241.	2.6	80
26	Three-dimensional evaluation of the mitral valve area and commissural opening before and after percutaneous mitral commissurotomy in patients with mitral stenosis. <i>European Heart Journal</i> , 2006, 28, 72-79.	2.2	75
27	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.	7.1	75
28	Comprehensive evaluation of preoperative patients with aortic valve stenosis: usefulness of cardiac multidetector computed tomography. <i>Heart</i> , 2007, 93, 1121-1125.	2.9	74
29	Timing of Referral of Patients With Severe Isolated Tricuspid Valve Regurgitation to Surgeons (from a Tj ETQq1 1 0,784314 rgBT /Over	1.6	73
30	Implementation of Transcatheter Aortic Valve Replacement in France. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1614-1627.	2.8	68
31	Haemodynamic and anatomic progression of aortic stenosis. <i>Heart</i> , 2015, 101, 943-947.	2.9	67
32	Agreement between the new EuroSCORE II, the Logistic EuroSCORE and the Society of Thoracic Surgeons score: Implications for transcatheter aortic valve implantation. <i>Archives of Cardiovascular Diseases</i> , 2014, 107, 353-360.	1.6	59
33	Tricuspid regurgitation is a public health crisis. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 447-451.	3.1	54
34	Prognostic Implications of Left Atrial Enlargement in Degenerative Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019, 74, 858-870.	2.8	53
35	Size-Adjusted Left Ventricular Outflow Tract Diameter Reference Values: A Safeguard for the Evaluation of the Severity of Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 445-451.	2.8	52
36	The MITRA-FR study: design and rationale of a randomised study of percutaneous mitral valve repair compared with optimal medical management alone for severe secondary mitral regurgitation. <i>EuroIntervention</i> , 2015, 10, 1354-1360.	3.2	52

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37	Calcium Signaling Pathway Genes <i>RUNX2</i> and <i>CACNA1C</i> Are Associated With Calcific Aortic Valve Disease. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 812-822.	5.1	51
38	Relationship of Iron Deposition to Calcium Deposition in Human Aortic Valve Leaflets. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1043-1054.	2.8	47
39	Long-term outcome after transcatheter aortic valve implantation. <i>Heart</i> , 2015, 101, 936-942.	2.9	46
40	Genetic Association Analyses Highlight <i>IL6</i> , <i>ALPL</i> , and <i>NAV1</i> As 3 New Susceptibility Genes Underlying Calcific Aortic Valve Stenosis. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002617.	3.6	45
41	Genetic and In Vitro Inhibition of PCSK9 and Calcific Aortic Valve Stenosis. <i>JACC Basic To Translational Science</i> , 2020, 5, 649-661.	4.1	45
42	Impact of Mitral Regurgitation Severity and Left Ventricular Remodeling on Outcome After MitraClip Implantation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 742-752.	5.3	41
43	Trends in aortic valve replacement for aortic stenosis: a French nationwide study. <i>European Heart Journal</i> , 2022, 43, 666-679.	2.2	40
44	Relationship Between Valve Calcification and Long-Term Results of Percutaneous Mitral Commissurotomy for Rheumatic Mitral Stenosis. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 381-389.	3.9	39
45	Sequential assessment of mitral valve area during diastole using colour M-mode flow convergence analysis: new insights into mitral stenosis physiology. <i>European Heart Journal</i> , 2003, 24, 1244-1253.	2.2	34
46	Impact of Degree of Commissural Opening After Percutaneous Mitral Commissurotomy on Long-Term Outcome. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 1-7.	5.3	34
47	Moderate Aortic Stenosis and Heart Failure With Reduced Ejection Fraction. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 172-184.	5.3	34
48	Outcome Implication of Aortic Valve Area Normalized to Body Size in Asymptomatic Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	33
49	Genetic Variation in <i>LPA</i> , Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. <i>JAMA Cardiology</i> , 2019, 4, 620.	6.1	32
50	Usefulness of the right parasternal view and non-imaging continuous-wave Doppler transducer for the evaluation of the severity of aortic stenosis in the modern area. <i>European Journal of Echocardiography</i> , 2009, 10, 420-424.	2.3	28
51	Dismal Outcomes and High Societal Burden of Mitral Valve Regurgitation in France in the Recent Era: A Nationwide Perspective. <i>Journal of the American Heart Association</i> , 2020, 9, e016086.	3.7	28
52	Symptoms, disease severity and treatment of adults with a new diagnosis of severe aortic stenosis. <i>Heart</i> , 2019, 105, 1709-1716.	2.9	26
53	Influence of metabolic syndrome and diabetes on progression of calcific aortic valve stenosis. <i>International Journal of Cardiology</i> , 2017, 244, 248-253.	1.7	23
54	Functional mitral regurgitation in patients with aortic stenosis: prevalence, clinical correlates and pathophysiological determinants: a quantitative prospective study. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 631-636.	1.2	22

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55	Prognostic Value of Exercise-Stress Echocardiography in Asymptomatic Patients With Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 787-795.	5.3	22
56	Evaluation of mitral stenosis in 2008. <i>Archives of Cardiovascular Diseases</i> , 2008, 101, 653-663.	1.6	21
57	Comparison of Semiquantitative and Quantitative Assessment of Severity of Aortic Regurgitation: Clinical Implications. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 1246-1252.	2.8	21
58	Feasibility of percutaneous mitral commissurotomy in patients with commissural mitral valve calcification. <i>European Heart Journal</i> , 2014, 35, 1617-1623.	2.2	21
59	Determinants and prognostic value of Galectin-3 in patients with aortic valve stenosis. <i>Heart</i> , 2016, 102, 862-868.	2.9	21
60	Ascending aorta dilatation rates in patients with tricuspid and bicuspid aortic stenosis: the COFRASA/GENERAC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 792-799.	1.2	20
61	Characteristics and Outcome of COAPT-Eligible Patients in the MITRA-FR Trial. <i>Circulation</i> , 2020, 142, 2482-2484.	1.6	20
62	Assessment of the severity of native mitral valve regurgitation. <i>Progress in Cardiovascular Diseases</i> , 2017, 60, 322-333.	3.1	19
63	Presentation and outcomes of mitral valve surgery in France in the recent era: a nationwide perspective. <i>Open Heart</i> , 2020, 7, e001339.	2.3	19
64	Management and Outcome of Patients Admitted With Tricuspid Regurgitation in France. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1078-1085.	1.7	19
65	Evaluation of mitral valve area by the proximal isovelocity surface area method in mitral stenosis: Could it be simplified?. <i>European Journal of Echocardiography</i> , 2007, 8, 116-121.	2.3	18
66	Quality of care assessment and improvement in aortic stenosis - rationale and design of a multicentre registry (IMPULSE). <i>BMC Cardiovascular Disorders</i> , 2017, 17, 5.	1.7	14
67	Human Genetic Susceptibility to Native Valve <i>Staphylococcus aureus</i> Endocarditis in Patients With <i>S. aureus</i> Bacteremia: Genome-Wide Association Study. <i>Frontiers in Microbiology</i> , 2018, 9, 640.	3.5	14
68	Impact of Fetuin-A on progression of calcific aortic valve stenosis - The COFRASA - GENERAC study. <i>International Journal of Cardiology</i> , 2018, 265, 52-57.	1.7	13
69	Percutaneous Mitral Repair as Salvage Therapy in Patients With Mitral Regurgitation and Refractory Cardiogenic Shock. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008435.	3.9	13
70	Lipoprotein-associated phospholipase A2 activity, genetics and calcific aortic valve stenosis in humans. <i>Heart</i> , 2020, 106, 1407-1412.	2.9	12
71	Facilitated Data Relay and Effects on Treatment of Severe Aortic Stenosis in Europe. <i>Journal of the American Heart Association</i> , 2019, 8, e013160.	3.7	10
72	Impact of selected comorbidities on the presentation and management of aortic stenosis. <i>Open Heart</i> , 2020, 7, e001271.	2.3	10

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73	Is tricuspid annuloplasty increasing surgical mortality and morbidity during mitral valve replacement? A single-centre experience. <i>Archives of Cardiovascular Diseases</i> , 2018, 111, 480-486.	1.6	8
74	Anatomic Characterization of the Aortic Root in Patients With Bicuspid and Tricuspid Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 210-212.	5.3	8
75	Is Late Left Ventricle Remodeling After Repair of Degenerative Mitral Regurgitation Worse in Women?. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1189-1193.	1.3	8
76	Mitral repair with leaflet preservation versus leaflet resection and ventricular reverse remodeling from a randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 74-83.e2.	0.8	8
77	IMPULSE: the impact of gender on the presentation and management of aortic stenosis across Europe. <i>Open Heart</i> , 2021, 8, e001443.	2.3	8
78	Echocardiographic measurement of left atrial volume: Does the method matter?. <i>Archives of Cardiovascular Diseases</i> , 2015, 108, 643-649.	1.6	7
79	Differences in the presentation and management of patients with severe aortic stenosis in different European centres. <i>Open Heart</i> , 2020, 7, e001345.	2.3	7
80	Systematic transoesophageal echocardiography after mitral valve replacement: Rates and determinants of paravalvular regurgitation. <i>Archives of Cardiovascular Diseases</i> , 2018, 111, 528-533.	1.6	6
81	Epicardial adipose tissue volume is associated with left ventricular remodelling in calcific aortic valve stenosis. <i>Archives of Cardiovascular Diseases</i> , 2019, 112, 594-603.	1.6	6
82	Outcomes of Patients With Discordant High-Gradient Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1636-1638.	5.3	6
83	Presentation and management of calcific mitral valve disease. <i>International Journal of Cardiology</i> , 2020, 304, 135-137.	1.7	6
84	Impact of sex on outcomes after percutaneous repair of functional mitral valve regurgitation. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1900-1903.	0.7	6
85	Size-adjusted aortic valve area: refining the definition of severe aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1142-1148.	1.2	6
86	The Role of Echocardiography in the Management of Patients with Myxomatous Disease. <i>Cardiology Clinics</i> , 2013, 31, 217-229.	2.2	5
87	Management of patients with severe aortic stenosis in the TAVI-era: how recent recommendations are translated into clinical practice. <i>Open Heart</i> , 2021, 8, e001485.	2.3	5
88	Natural History of Mitral Annular Calcification and Calcific Mitral Valve Disease. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 925-932.	2.8	5
89	Prognostic Value of Peak Exercise Systolic Pulmonary Arterial Pressure in Asymptomatic Primary Mitral Valve Regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 932-940.	2.8	4
90	Measurement of the Aortic Annulus Diameter Using Transesophageal Echocardiography and Multislice Computed Tomography—Are They Truly Comparable?. <i>Canadian Journal of Cardiology</i> , 2014, 30, 1073-1079.	1.7	3

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91	Response to Letters Regarding Article, "Infective Endocarditis After Transcatheter Aortic Valve Implantation: Results From a Large Multicenter Registry". <i>Circulation</i> , 2015, 132, e372-4.	1.6	3
92	Low-Gradient Aortic Stenosis: Solving the Conundrum Using Multi-Modality Imaging. <i>Progress in Cardiovascular Diseases</i> , 2018, 61, 416-422.	3.1	3
93	Perspective on the treatment of functional mitral regurgitation using the Cardioband System. <i>European Heart Journal</i> , 2019, 40, 3196-3197.	2.2	3
94	Caseload management and outcome of patients with aortic stenosis in primary/secondary versus tertiary care settings: design of the IMPULSE enhanced registry. <i>Open Heart</i> , 2019, 6, e001019.	2.3	3
95	Patient-Specific Computer Simulation in TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1813-1815.	2.9	3
96	The disproportionate success of the disproportionate concept. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e7-e8.	0.8	3
97	Clinical implications of left atrial size adjustment: Impact of obesity. <i>Archives of Cardiovascular Diseases</i> , 2021, 114, 561-569.	1.6	3
98	"Primary" percutaneous mitral valve repair in patients with acute myocardial infarction: is it ready for primetime?. <i>European Heart Journal</i> , 2022, 43, 651-653.	2.2	3
99	Challenges in the diagnosis and management of valve disease: the case for the specialist valve clinic. <i>Echo Research and Practice</i> , 2019, 6, T1-T6.	2.5	3
100	The year in cardiovascular medicine 2021: valvular heart disease. <i>European Heart Journal</i> , 2022, 43, 633-640.	2.2	3
101	Post-Traumatic Aortic Arch Aneurysm Complicated by Aorto-Pulmonary Fistula. <i>Aorta</i> , 2014, 2, 293-295.	0.5	2
102	Anatomical features of acute mitral valve repair dysfunction: Additional value of three-dimensional echocardiography. <i>Archives of Cardiovascular Diseases</i> , 2017, 110, 196-201.	1.6	2
103	Prognostic Value of Combination of Hemodynamic Parameters in Asymptomatic Aortic Valve Stenosis: The COFRASA/GENERAC Study. <i>Structural Heart</i> , 2017, 1, 75-80.	0.6	2
104	Valvular heart prostheses: New developments and insights. <i>Progress in Cardiovascular Diseases</i> , 2022, 72, 1-3.	3.1	2
105	Transcatheter Mitral Valve Repair in Secondary MR. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2133-2134.	2.8	1
106	Low Gradient Aortic Stenosis: Role of Echocardiography. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 1.	0.6	0
107	Direct Implant of a Transcatheter Aortic Valve Prosthesis for Prosthetic Mitral Valve Endocarditis. <i>CJC Open</i> , 2020, 2, 303-305.	1.5	0
108	The Mitral Valve Heart Team. , 2019, , 35-45.		0

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109	Neurocognitive Impact of Silent Cerebral Embolisms After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 1301-1302.	2.9	0
110	Percutaneous mitral valve repair in severe secondary mitral regurgitation: Analysis of index hospitalization and economic evaluation based on the MITRA-FR trial. Archives of Cardiovascular Diseases, 2021, 114, 805-813.	1.6	0
111	Tricuspid Transcatheter Edge-to-Edge Valve Repair. JACC: Cardiovascular Interventions, 2022, 15, 190-192.	2.9	0
112	Tricuspid regurgitation: Light at the end of the tunnel?. Archives of Cardiovascular Diseases, 2022, , .	1.6	0
113	The year in cardiovascular medicine 2021: valvular heart disease. Cardiologia Croatica, 2022, 17, 44-58.	0.0	0
114	Transcatheter Aortic Valve Implantation. , 2017, , 287-302.		0