

# David Messika-Zeitoun

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

9,761  
citations

81889

39  
h-index

36025

97  
g-index

114  
all docs

114  
docs citations

114  
times ranked

6845  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The disproportionate success of the disproportionate concept. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e7-e8.	0.8	3
3	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
4	â€œPrimaryâ€™ 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
5	Trends in aortic valve replacement for aortic stenosis: a French nationwide study. <i>European Heart Journal</i> , 2022, 43, 666-679.	2.2	40
6	Tricuspid Transcatheter Edge-to-Edge Valve Repair. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 190-192.	2.9	0
7	The year in cardiovascular medicine 2021: valvular heart disease. <i>European Heart Journal</i> , 2022, 43, 633-640.	2.2	3
8	Tricuspid regurgitation: Light at the end of the tunnel?. <i>Archives of Cardiovascular Diseases</i> , 2022, , .	1.6	0
9	The year in cardiovascular medicine 2021: valvular heart disease. <i>Cardiologia Croatica</i> , 2022, 17, 44-58.	0.0	0
10	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
11	Valvular heart prostheses: New developments and insights. <i>Progress in Cardiovascular Diseases</i> , 2022, 72, 1-3.	3.1	2
12	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
13	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
14	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
15	Clinical implications of left atrial size adjustment: Impact of obesity. <i>Archives of Cardiovascular Diseases</i> , 2021, 114, 561-569.	1.6	3
16	Management and Outcome of Patients Admitted With Tricuspid Regurgitation in France. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1078-1085.	1.7	19
17	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
18	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

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19	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
20	Percutaneous mitral valve repair in severe secondary mitral regurgitation: Analysis of index hospitalization and economic evaluation based on the MITRA-FR trial. <i>Archives of Cardiovascular Diseases</i> , 2021, 114, 805-813.	1.6	0
21	Isolated tricuspid valve surgery: impact of aetiology and clinical presentation on outcomes. <i>European Heart Journal</i> , 2020, 41, 4304-4317.	2.2	147
22	Direct Implant of a Transcatheter Aortic Valve Prosthesis for Prosthetic Mitral Valve Endocarditis. <i>CJC Open</i> , 2020, 2, 303-305.	1.5	0
23	Patient-Specific Computer Simulation in TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1813-1815.	2.9	3
24	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
25	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
26	Impact of selected comorbidities on the presentation and management of aortic stenosis. <i>Open Heart</i> , 2020, 7, e001271.	2.3	10
27	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
28	Characteristics and Outcome of COAPT-Eligible Patients in the MITRA-FR Trial. <i>Circulation</i> , 2020, 142, 2482-2484.	1.6	20
29	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
30	Outcomes of Patients With Discordant High-Gradient Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1636-1638.	5.3	6
31	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
32	Lipoprotein-associated phospholipase A2 activity, genetics and calcific aortic valve stenosis in humans. <i>Heart</i> , 2020, 106, 1407-1412.	2.9	12
33	Presentation and management of calcific mitral valve disease. <i>International Journal of Cardiology</i> , 2020, 304, 135-137.	1.7	6
34	Neurocognitive Impact of Silent Cerebral Embolisms After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1301-1302.	2.9	0
35	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
36	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

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37	Prognostic Implications of Left Atrial Enlargement in Degenerative Mitral Regurgitation. Journal of the American College of Cardiology, 2019, 74, 858-870.	2.8	53
38	Low Gradient Aortic Stenosis: Role of Echocardiography. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.6	0
39	Epicardial adipose tissue volume is associated with left ventricular remodelling in calcific aortic valve stenosis. Archives of Cardiovascular Diseases, 2019, 112, 594-603.	1.6	6
40	Percutaneous Mitral Repair as Salvage Therapy in Patients With Mitral Regurgitation and Refractory Cardiogenic Shock. Circulation: Cardiovascular Interventions, 2019, 12, e008435.	3.9	13
41	Percutaneous repair or medical treatment for secondary mitral regurgitation: outcomes at 2 years. European Journal of Heart Failure, 2019, 21, 1619-1627.	7.1	149
42	Genetic Association Analyses Highlight <i>IL6</i> , <i>ALPL</i> , and <i>NAV1</i> As 3 New Susceptibility Genes Underlying Calcific Aortic Valve Stenosis. Circulation Genomic and Precision Medicine, 2019, 12, e002617.	3.6	45
43	Perspective on the treatment of functional mitral regurgitation using the Cardioband System. European Heart Journal, 2019, 40, 3196-3197.	2.2	3
44	Is Late Left Ventricle Remodeling After Repair of Degenerative Mitral Regurgitation Worse in Women?. Annals of Thoracic Surgery, 2019, 108, 1189-1193.	1.3	8
45	Facilitated Data Relay and Effects on Treatment of Severe Aortic Stenosis in Europe. Journal of the American Heart Association, 2019, 8, e013160.	3.7	10
46	Genetic Variation in <i>LPA</i> , Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. JAMA Cardiology, 2019, 4, 620.	6.1	32
47	Transcatheter Mitral Valve Repair in Secondary MR. Journal of the American College of Cardiology, 2019, 73, 2133-2134.	2.8	1
48	Relationship of Iron Deposition to Calcium Deposition in Human Aortic Valve Leaflets. Journal of the American College of Cardiology, 2019, 73, 1043-1054.	2.8	47
49	Caseload management and outcome of patients with aortic stenosis in primary/secondary versus tertiary care settings: design of the IMPULSE enhanced registry. Open Heart, 2019, 6, e001019.	2.3	3
50	Tricuspid regurgitation is a public health crisis. Progress in Cardiovascular Diseases, 2019, 62, 447-451.	3.1	54
51	Moderate Aortic Stenosis and Heart Failure With Reduced Ejection Fraction. JACC: Cardiovascular Imaging, 2019, 12, 172-184.	5.3	34
52	Symptoms, disease severity and treatment of adults with a new diagnosis of severe aortic stenosis. Heart, 2019, 105, 1709-1716.	2.9	26
53	The Mitral Valve Heart Team. , 2019, , 35-45.		0
54	Challenges in the diagnosis and management of valve disease: the case for the specialist valve clinic. Echo Research and Practice, 2019, 6, T1-T6.	2.5	3

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55	A transcriptome-wide association study identifies PALMD as a susceptibility gene for calcific aortic valve stenosis. Nature Communications, 2018, 9, 988.	12.8	93
56	Timing of Referral of Patients With Severe Isolated Tricuspid Valve Regurgitation to Surgeons (from a Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	73
57	Implementation of Transcatheter Aortic Valve Replacement in France. Journal of the American College of Cardiology, 2018, 71, 1614-1627.	2.8	68
58	Ascending aorta dilatation rates in patients with tricuspid and bicuspid aortic stenosis: the COFRASA/GENERAC study. European Heart Journal Cardiovascular Imaging, 2018, 19, 792-799.	1.2	20
59	Prognostic Value of Exercise-Stress Echocardiography in Asymptomatic Patients With Aortic Valve Stenosis. JACC: Cardiovascular Imaging, 2018, 11, 787-795.	5.3	22
60	Is tricuspid annuloplasty increasing surgical mortality and morbidity during mitral valve replacement? A single-centre experience. Archives of Cardiovascular Diseases, 2018, 111, 480-486.	1.6	8
61	Low-Gradient Aortic Stenosis: Solving the Conundrum Using Multi-Modality Imaging. Progress in Cardiovascular Diseases, 2018, 61, 416-422.	3.1	3
62	Systematic transoesophageal echocardiography after mitral valve replacement: Rates and determinants of paravalvular regurgitation. Archives of Cardiovascular Diseases, 2018, 111, 528-533.	1.6	6
63	Human Genetic Susceptibility to Native Valve Staphylococcus aureus Endocarditis in Patients With S. aureus Bacteremia: Genome-Wide Association Study. Frontiers in Microbiology, 2018, 9, 640.	3.5	14
64	Percutaneous Repair or Medical Treatment for Secondary Mitral Regurgitation. New England Journal of Medicine, 2018, 379, 2297-2306.	27.0	1,276
65	Impact of Fetuin-A on progression of calcific aortic valve stenosis - The COFRASA - GENERAC study. International Journal of Cardiology, 2018, 265, 52-57.	1.7	13
66	Anatomical features of acute mitral valve repair dysfunction: Additional value of three-dimensional echocardiography. Archives of Cardiovascular Diseases, 2017, 110, 196-201.	1.6	2
67	Assessment of the severity of native mitral valve regurgitation. Progress in Cardiovascular Diseases, 2017, 60, 322-333.	3.1	19
68	Influence of metabolic syndrome and diabetes on progression of calcific aortic valve stenosis. International Journal of Cardiology, 2017, 244, 248-253.	1.7	23
69	Quality of care assessment and improvement in aortic stenosis - rationale and design of a multicentre registry (IMPULSE). BMC Cardiovascular Disorders, 2017, 17, 5.	1.7	14
70	Prognostic Value of Combination of Hemodynamic Parameters in Asymptomatic Aortic Valve Stenosisâ€”The COFRASA/GENERAC Study. Structural Heart, 2017, 1, 75-80.	0.6	2
71	Transcatheter Aortic Valve Implantation. , 2017, , 287-302.		0
72	Outcome Implication of Aortic Valve Area Normalized to Body Size in Asymptomatic Aortic Stenosis. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	33

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73	Determinants and prognostic value of Galectin-3 in patients with aortic valve stenosis. <i>Heart</i> , 2016, 102, 862-868.	2.9	21
74	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
75	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
76	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
77	Echocardiographic measurement of left atrial volume: Does the method matter?. <i>Archives of Cardiovascular Diseases</i> , 2015, 108, 643-649.	1.6	7
78	Haemodynamic and anatomic progression of aortic stenosis. <i>Heart</i> , 2015, 101, 943-947.	2.9	67
79	Long-term outcome after transcatheter aortic valve implantation. <i>Heart</i> , 2015, 101, 936-942.	2.9	46
80	Infective Endocarditis After Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2015, 131, 1566-1574.	1.6	227
81	Aortic Valve Area Calculation in Aortic Stenosis by CT and Doppler Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 248-257.	5.3	157
82	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
83	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
84	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
85	Post-Traumatic Aortic Arch Aneurysm Complicated by Aorto-Pulmonary Fistula. <i>Aorta</i> , 2014, 2, 293-295.	0.5	2
86	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
87	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
88	Feasibility of percutaneous mitral commissurotomy in patients with commissural mitral valve calcification. <i>European Heart Journal</i> , 2014, 35, 1617-1623.	2.2	21
89	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
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	The Complex Nature of Discordant Severe Calcified Aortic Valve Disease Grading. Journal of the American College of Cardiology, 2013, 62, 2329-2338.	2.8	436
92	The Role of Echocardiography in the Management of Patients with Myxomatous Disease. Cardiology Clinics, 2013, 31, 217-229.	2.2	5
93	Sex Differences in Aortic Valve Calcification Measured by Multidetector Computed Tomography in Aortic Stenosis. Circulation: Cardiovascular Imaging, 2013, 6, 40-47.	2.6	202
94	Inconsistent echocardiographic grading of aortic stenosis: is the left ventricular outflow tract important?. Heart, 2013, 99, 921-931.	2.9	102
95	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. Heart, 2011, 97, 721-726.	2.9	320
96	Comparison of Semiquantitative and Quantitative Assessment of Severity of Aortic Regurgitation: Clinical Implications. Journal of the American Society of Echocardiography, 2011, 24, 1246-1252.	2.8	21
97	Multimodal Assessment of the Aortic Annulus Diameter. Journal of the American College of Cardiology, 2010, 55, 186-194.	2.8	414
98	Impact of Left Atrial Volume on Clinical Outcome in Organic Mitral Regurgitation. Journal of the American College of Cardiology, 2010, 56, 570-578.	2.8	202
99	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 era. European Journal of Echocardiography, 2009, 10, 420-424.	2.3	28
100	Impact of Degree of Commissural Opening After Percutaneous Mitral Commissurotomy on Long-Term Outcome. JACC: Cardiovascular Imaging, 2009, 2, 1-7.	5.3	34
101	Size-Adjusted Left Ventricular Outflow Tract Diameter Reference Values: A Safeguard for the Evaluation of the Severity of Aortic Stenosis. Journal of the American Society of Echocardiography, 2009, 22, 445-451.	2.8	52
102	Evaluation of mitral stenosis in 2008. Archives of Cardiovascular Diseases, 2008, 101, 653-663.	1.6	21
103	What are the characteristics of patients with severe, symptomatic, mitral regurgitation who are denied surgery?. European Heart Journal, 2007, 28, 1358-1365.	2.2	763
104	Left atrial remodelling in mitral regurgitation—methodologic approach, physiological determinants, and outcome implications: a prospective quantitative Doppler-echocardiographic and electron beam-computed tomographic study. European Heart Journal, 2007, 28, 1773-1781.	2.2	136
105	Evaluation of mitral valve area by the proximal isovelocity surface area method in mitral stenosis: Could it be simplified?. European Journal of Echocardiography, 2007, 8, 116-121.	2.3	18
106	Comprehensive evaluation of preoperative patients with aortic valve stenosis: usefulness of cardiac multidetector computed tomography. Heart, 2007, 93, 1121-1125.	2.9	74
107	Aortic Valve Calcification. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 642-648.	2.4	173
108	Cardiopulmonary Exercise Testing Determination of Functional Capacity in Mitral Regurgitation. Journal of the American College of Cardiology, 2006, 47, 2521-2527.	2.8	127

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109	Three-dimensional evaluation of the mitral valve area and commissural opening before and after percutaneous mitral commissurotomy in patients with mitral stenosis. European Heart Journal, 2006, 28, 72-79.	2.2	75
110	Quantitative Determinants of the Outcome of Asymptomatic Mitral Regurgitation. New England Journal of Medicine, 2005, 352, 875-883.	27.0	975
111	Decision-making in elderly patients with severe aortic stenosis: why are so many denied surgery?. European Heart Journal, 2005, 26, 2714-2720.	2.2	966
112	Evaluation and Clinical Implications of Aortic Valve Calcification Measured by Electron-Beam Computed Tomography. Circulation, 2004, 110, 356-362.	1.6	344
113	Medical and surgical outcome of tricuspid regurgitation caused by flail leaflets. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 296-302.	0.8	166
114	Sequential assessment of mitral valve area during diastole using colour M-mode flow convergence analysis: new insights into mitral stenosis physiology. European Heart Journal, 2003, 24, 1244-1253.	2.2	34