

Alec Vahanian

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

22,661
citations

41258

49
h-index

14702

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130
all docs

130
docs citations

130
times ranked

13394
citing authors

#	ARTICLE	IF	CITATIONS
1	2021 ESC/EACTS Guidelines for the management of valvular heart disease. European Heart Journal, 2022, 43, 561-632.	1.0	2,169
2	2021 ESC/EACTS Guidelines for the management of valvular heart disease. EuroIntervention, 2022, 17, e1126-e1196.	1.4	161
3	Characteristics, management, and outcomes of patients with multiple native valvular heart disease: a substudy of the EURObservational Research Programme Valvular Heart Disease II Survey. European Heart Journal, 2022, 43, 2756-2766.	1.0	15
4	Impact of Mitral Regurgitation Severity and Left Ventricular Remodeling on Outcome After MitraClip Implantation. JACC: Cardiovascular Imaging, 2021, 14, 742-752.	2.3	41
5	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. European Heart Journal, 2021, 42, 1254-1269.	1.0	78
6	Management and Outcome of Patients Admitted With Tricuspid Regurgitation in France. Canadian Journal of Cardiology, 2021, 37, 1078-1085.	0.8	19
7	2021 ESC/EACTS Guidelines for the management of valvular heart disease. European Journal of Cardio-thoracic Surgery, 2021, 60, 727-800.	0.6	344
8	The "œten commandments" for the 2021 ESC/EACTS Guidelines on valvular heart disease. European Heart Journal, 2021, 42, 4207-4208.	1.0	106
9	Current Indications for Transcatheter Mitral Valve Replacement Using Transcatheter Aortic Valves. Circulation, 2021, 143, 178-196.	1.6	50
10	Predictors of Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve Replacement in Severe Mitral Annular Calcification: An Analysis of the Transcatheter Mitral Valve Replacement in Mitral Annular Calcification Global Registry. Circulation: Cardiovascular Interventions, 2021, 14, e010854.	1.4	10
11	OUP accepted manuscript. European Journal of Cardio-thoracic Surgery, 2021, , .	0.6	2
12	2-Year Follow-Up After Transseptal Transcatheter Mitral Valve Replacement With the Cardiovalve. JACC: Cardiovascular Interventions, 2020, 13, e163-e164.	1.1	12
13	Impact of Massive or Torrential Tricuspid Regurgitation in Patients Undergoing Transcatheter Tricuspid Valve Intervention. JACC: Cardiovascular Interventions, 2020, 13, 1999-2009.	1.1	42
14	Valve-in-Valve and Valve-in-Ring Transcatheter Mitral Valve Implantation in Young Women Contemplating Pregnancy. Circulation: Cardiovascular Interventions, 2020, 13, e009579.	1.4	10
15	Characteristics and Outcome of COAPT-Eligible Patients in the MITRA-FR Trial. Circulation, 2020, 142, 2482-2484.	1.6	20
16	Outcomes of TTVI in Patients With Pacemaker or Defibrillator Leads. JACC: Cardiovascular Interventions, 2020, 13, 554-564.	1.1	32
17	Secondary valve regurgitation in patients with heart failure with preserved ejection fraction, heart failure with mid-range ejection fraction, and heart failure with reduced ejection fraction. European Heart Journal, 2020, 41, 2799-2810.	1.0	45
18	Transcatheter mitral valve repair for functional mitral regurgitation using the Cardioband system: 1 year outcomes. European Heart Journal, 2019, 40, 466-472.	1.0	133

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19	Temporal Trends on Percutaneous Mitral Commissurotomy: 30 Years of Experience. Journal of the American Heart Association, 2019, 8, e012031.	1.6	12
20	Epicardial adipose tissue volume is associated with left ventricular remodelling in calcific aortic valve stenosis. Archives of Cardiovascular Diseases, 2019, 112, 594-603.	0.7	6
21	Percutaneous repair or medical treatment for secondary mitral regurgitation: outcomes at 2 years. European Journal of Heart Failure, 2019, 21, 1619-1627.	2.9	149
22	Performing optimal transcatheter aortic valve implantation: The need for tailored use of transcatheter valves. Archives of Cardiovascular Diseases, 2019, 112, 512-522.	0.7	3
23	The optimal treatment strategy for secondary mitral regurgitation: a subject of ongoing debate. European Journal of Cardio-thoracic Surgery, 2019, 56, 631-642.	0.6	8
24	Perspective on the treatment of functional mitral regurgitation using the Cardioband System. European Heart Journal, 2019, 40, 3196-3197.	1.0	3
25	Contemporary Presentation and Management of Valvular Heart Disease. Circulation, 2019, 140, 1156-1169.	1.6	281
26	Transcatheter Versus Medical Treatment of Patients With Symptomatic Severe Tricuspid Regurgitation. Journal of the American College of Cardiology, 2019, 74, 2998-3008.	1.2	302
27	Treatment of functional mitral regurgitation in chronic heart failure: can we get a proof of concept from the MITRA-ER and COAPT trials?. European Journal of Heart Failure, 2019, 21, 852-861.	2.9	82
28	Pushing the Boundaries of Transcatheter Mitral Valve Replacement. Journal of the American College of Cardiology, 2019, 73, 2535-2537.	1.2	4
29	Transcatheter Mitral Valve Replacement. Journal of the American College of Cardiology, 2019, 73, 1261-1263.	1.2	5
30	Pregnancy outcomes in women with cardiovascular disease: evolving trends over 10 years in the ESC Registry Of Pregnancy And Cardiac disease (ROPAC). European Heart Journal, 2019, 40, 3848-3855.	1.0	209
31	Transcatheter heart valve interventions: where are we? Where are we going?. European Heart Journal, 2019, 40, 422-440.	1.0	49
32	The MITRA-HR study: design and rationale of a randomised study of MitraClip transcatheter mitral valve repair in patients with severe primary mitral regurgitation eligible for high-risk surgery. EuroIntervention, 2019, 15, e329-e335.	1.4	15
33	Coronary obstruction: a rare but devastating complication during transcatheter aortic valve-in-valve implantation. European Heart Journal, 2018, 39, 696-698.	1.0	4
34	1-Year Outcomes of Transcatheter Mitral Valve Replacement in Patients With Severe Mitral Annular Calcification. Journal of the American College of Cardiology, 2018, 71, 1841-1853.	1.2	288
35	Timing of Referral of Patients With Severe Isolated Tricuspid Valve Regurgitation to Surgeons (from a Tj ETQq1 1 0,784314 rgBT /Overl	0.7	73
36	Implementation of Transcatheter Aortic Valve Replacement in France. Journal of the American College of Cardiology, 2018, 71, 1614-1627.	1.2	68

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37	Effectiveness of Rescue Percutaneous Balloon Aortic Valvuloplasty in Patients With Severe Aortic Stenosis and Acute Heart Failure. <i>American Journal of Cardiology</i> , 2018, 121, 746-750.	0.7	26
38	The year in cardiology 2017: valvular heart disease. <i>European Heart Journal</i> , 2018, 39, 650-657.	1.0	9
39	Educational needs and application of guidelines in the management of patients with mitral regurgitation. A European mixed-methods study. <i>European Heart Journal</i> , 2018, 39, 1295-1303.	1.0	43
40	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.	0.5	20
41	Prognostic Value of Exercise-Stress Echocardiography in Asymptomatic Patients With Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 787-795.	2.3	22
42	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.	0.7	8
43	Systematic transoesophageal echocardiography after mitral valve replacement: Rates and determinants of paravalvular regurgitation. <i>Archives of Cardiovascular Diseases</i> , 2018, 111, 528-533.	0.7	6
44	â€œGuidelines Recommendations on the Treatment of Tricuspid Regurgitation. Where Are We and Where Do We Go With Transcatheter Valve Interventionâ€• <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 37.	1.1	6
45	Percutaneous Repair or Medical Treatment for Secondary Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2018, 379, 2297-2306.	13.9	1,276
46	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.	0.8	13
47	Patient selection for transcatheter mitral valve implantation: why is it so hard to find patients?. <i>EuroIntervention</i> , 2018, 14, AB83-AB90.	1.4	22
48	SOURCE 3 Registry. <i>Circulation</i> , 2017, 135, 1123-1132.	1.6	174
49	Anatomical features of acute mitral valve repair dysfunction: Additional value of three-dimensional echocardiography. <i>Archives of Cardiovascular Diseases</i> , 2017, 110, 196-201.	0.7	2
50	Short-term results of alcohol septal ablation as a bail-out strategy to treat severe left ventricular outflow tract obstruction after transcatheter mitral valve replacement in patients with severe mitral annular calcification. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 1220-1226.	0.7	85
51	Causes and temporal trends in procedural deaths after transcatheter aortic valve implantation. <i>Archives of Cardiovascular Diseases</i> , 2017, 110, 607-615.	0.7	6
52	SOURCE 3: 1-year outcomes post-transcatheter aortic valve implantation using the latest generation of the balloon-expandable transcatheter heart valve. <i>European Heart Journal</i> , 2017, 38, 2717-2726.	1.0	105
53	Transseptal Transcatheter Mitral Valve Replacement Using Balloon-Expandable Transcatheter Heart Valves. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1905-1919.	1.1	85
54	2017 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 616-664.	0.6	510

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55	The Results of Transcatheter Aortic Valve Replacement Continue to Improve. JACC: Cardiovascular Interventions, 2017, 10, 2099-2100.	1.1	1
56	2017 ESC/EACTS Guidelines for the management of valvular heart disease. European Heart Journal, 2017, 38, 2739-2791.	1.0	5,142
57	Transseptal puncture for structural heart intervention: an old technique with new indications. Heart, 2017, 103, 1830-1837.	1.2	9
58	Standardized definitions of structural deterioration and valve failure in assessing long-term durability of transcatheter and surgical aortic bioprosthetic valves: a consensus statement from the European Association of Percutaneous Cardiovascular Interventions (EAPCI) endorsed by the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). European Heart Journal, 2017, 38, 3382-3390.	1.0	335
59	Effectiveness in a Real-World Observation Confirms Efficacy of Controlled Clinical Trials. Journal of the American College of Cardiology, 2017, 70, 451-452.	1.2	1
60	Influence of metabolic syndrome and diabetes on progression of calcific aortic valve stenosis. International Journal of Cardiology, 2017, 244, 248-253.	0.8	23
61	The impact of the development of transcatheter aortic valve implantation on the management of severe aortic stenosis in high-risk patients: treatment strategies and outcome. European Journal of Cardio-thoracic Surgery, 2017, 51, 80-88.	0.6	9
62	Mitral valve: repair/clips/cinching/chordae. EuroIntervention, 2017, 13, AA22-AA30.	1.4	4
63	When surgery is not an option: is there a clinical need for transcatheter tricuspid valve therapies?. Minerva Cardiology and Angiology, 2017, 65, 500-503.	0.4	0
64	Transcatheter Mitral Valve Replacement in Native Mitral Valve Disease With Severe Mitral Annular Calcification. JACC: Cardiovascular Interventions, 2016, 9, 1361-1371.	1.1	257
65	A Bicuspid Aortic Valve Imaging Classification for the TAVR Era. JACC: Cardiovascular Imaging, 2016, 9, 1145-1158.	2.3	174
66	Early and late outcomes after trans-catheter aortic valve implantation in patients with previous chest radiation. Heart, 2016, 102, 1044-1051.	1.2	18
67	Heart, lung, and vascular registries: Evolving goals, successful approaches, and ongoing innovation. Journal of Heart and Lung Transplantation, 2016, 35, 1149-1157.	0.3	26
68	Effect of Transcatheter Mitral Annuloplasty With the Cardioband Device on 3-Dimensional Geometry of the Mitral Annulus. American Journal of Cardiology, 2016, 118, 744-749.	0.7	15
69	Let us preserve the harmonious development of transcatheter aortic valve implantation!. European Heart Journal, 2016, 37, 2249-2251.	1.0	1
70	Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2016, 9, 385-386.	1.1	1
71	Usefulness of Subepicardial Hyperemia on Contrast-Enhanced First-Pass Magnetic Resonance Perfusion Imaging for Diagnosis of Acute Myocarditis. American Journal of Cardiology, 2016, 118, 440-445.	0.7	7
72	Prognostic value of the infarct- and non-infarct like patterns and cardiovascular magnetic resonance parameters on long-term outcome of patients after acute myocarditis. International Journal of Cardiology, 2016, 212, 63-69.	0.8	37

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73	Mitral valve diseaseâ€”current management and future challenges. <i>Lancet, The</i> , 2016, 387, 1324-1334.	6.3	231
74	Determinants and prognostic value of Galectin-3 in patients with aortic valve stenosis. <i>Heart</i> , 2016, 102, 862-868.	1.2	21
75	The year in cardiology 2015: valvular heart disease. <i>European Heart Journal</i> , 2016, 37, 442-448.	1.0	1
76	A clinical risk score of myocardial fibrosis predicts adverse outcomes in aortic stenosis. <i>European Heart Journal</i> , 2016, 37, 713-723.	1.0	90
77	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.	1.0	156
78	Tricuspid valve and percutaneous approach: No longer the forgotten valve!. <i>Archives of Cardiovascular Diseases</i> , 2016, 109, 55-66.	0.7	33
79	Valve weight in aortic stenosis: back to the basics: TableÂ1. <i>European Heart Journal</i> , 2016, 37, 700-702.	1.0	1
80	Transfemoral Tricuspid Valve-in-Ring Implantation Using the Edwards Sapien XT Valve. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, .	1.4	26
81	Response to Letters Regarding Article, â€œInfective Endocarditis After Transcatheter Aortic Valve Implantation: Results From a Large Multicenter Registryâ€¸ <i>Circulation</i> , 2015, 132, e372-4.	1.6	3
82	Echocardiographic measurement of left atrial volume: Does the method matter?. <i>Archives of Cardiovascular Diseases</i> , 2015, 108, 643-649.	0.7	7
83	Transfemoral Implantation of Transcatheter Heart Valves After Deterioration of Mitral Bioprosthesis orÂPrevious Ring Annuloplasty. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 83-91.	1.1	87
84	Late Cardiac Death in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2015, 65, 437-448.	1.2	196
85	Haemodynamic and anatomic progression of aortic stenosis. <i>Heart</i> , 2015, 101, 943-947.	1.2	67
86	Long-term outcome after transcatheter aortic valve implantation. <i>Heart</i> , 2015, 101, 936-942.	1.2	46
87	Comparative assessment of ascending aortic aneurysms in Marfan patients using ECG-gated computerized tomographic angiography versus trans-thoracic echocardiography. <i>International Journal of Cardiology</i> , 2015, 184, 22-27.	0.8	21
88	Transcatheter Aortic Valve Replacement for Patients with Heart Failure. <i>Heart Failure Clinics</i> , 2015, 11, 231-242.	1.0	19
89	Infective Endocarditis After Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2015, 131, 1566-1574.	1.6	227
90	Comparison of 2-Dimensional, 3-Dimensional, and Surgical Measurements of the Tricuspid Annulus Size. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e003241.	1.3	80

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91	Severe secondary mitral regurgitation and left ventricular dysfunction: a "deadly combination"™ against which the fight is not over!: Figure 1. <i>European Heart Journal</i> , 2015, 36, 2742-2744.	1.0	6
92	Comparison of vascular closure devices for access site closure after transfemoral aortic valve implantation. <i>European Heart Journal</i> , 2015, 36, 3370-3379.	1.0	133
93	When Transcatheter Therapy Moves to the "Forgotten Valve"—. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2484-2486.	1.2	3
94	Multiple valve disease - assessment, strategy and intervention. <i>EuroIntervention</i> , 2015, 14, W14-W16.	1.4	6
95	Respective Performance of ¹⁸ F-FDG PET and Radiolabeled Leukocyte Scintigraphy for the Diagnosis of Prosthetic Valve Endocarditis. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1980-1985.	2.8	187
96	Open issues in transcatheter aortic valve implantation. Part 1: patient selection and treatment strategy for transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2014, 35, 2627-2638.	1.0	96
97	Epidemiology of Acquired Valvular Heart Disease. <i>Canadian Journal of Cardiology</i> , 2014, 30, 962-970.	0.8	275
98	Implications of the new AHA/ACC valvular disease guidelines. <i>Nature Reviews Cardiology</i> , 2014, 11, 317-318.	6.1	2
99	First-in-Man Transseptal Implantation of a "Surgical-Like" Mitral Valve Annuloplasty Device for Functional Mitral Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 1326-1328.	1.1	39
100	First Reported Human Case of Native Mitral Infective Endocarditis Caused by <i>Streptococcus canis</i> . <i>Canadian Journal of Cardiology</i> , 2014, 30, 1462.e1-1462.e2.	0.8	27
101	Open issues in transcatheter aortic valve implantation. Part 2: procedural issues and outcomes after transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2014, 35, 2639-2654.	1.0	105
102	Impact of Aortic Valve Calcification, as Measured by MDCT, on Survival in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1202-1213.	1.2	367
103	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.	0.7	59
104	Predictive factors of early mortality after transcatheter aortic valve implantation: individual risk assessment using a simple score. <i>Heart</i> , 2014, 100, 1016-1023.	1.2	188
105	Feasibility of percutaneous mitral commissurotomy in patients with commissural mitral valve calcification. <i>European Heart Journal</i> , 2014, 35, 1617-1623.	1.0	21
106	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.	1.4	39
107	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.	0.8	3
108	Lessons from the RE-ALIGN trial. <i>Archives of Cardiovascular Diseases</i> , 2014, 107, 277-279.	0.7	5

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109	Transseptal Transcatheter Mitral Valve Implantation for Severely Calcified Mitral Stenosis. JACC: Cardiovascular Interventions, 2014, 7, 696-697.	1.1	34
110	Unmet clinical needs in transcatheter mitral valve interventions in 2014. EuroIntervention, 2014, 10, U101-U105.	1.4	2
111	The Complex Nature of Discordant Severe Calcified Aortic Valve Disease Grading. Journal of the American College of Cardiology, 2013, 62, 2329-2338.	1.2	436
112	Reinterventions after percutaneous mitral commissurotomy during long-term follow-up, up to 20 years: the role of repeat percutaneous mitral commissurotomy. European Heart Journal, 2013, 34, 1923-1930.	1.0	40
113	A rare cause of persistent fever in pulmonary homograft endocarditis. Heart Asia, 2013, 5, 225-225.	1.1	0
114	Guidelines on valvular heart disease in clinical practice. EuroIntervention, 2013, 9, S11-S13.	1.4	11
115	Aortic Event Rate in the Marfan Population. Circulation, 2012, 125, 226-232.	1.6	165
116	Guidelines on the management of valvular heart disease (version 2012). European Heart Journal, 2012, 33, 2451-2496.	1.0	3,465
117	Late Results of Percutaneous Mitral Commissurotomy up to 20 Years. Circulation, 2012, 125, 2119-2127.	1.6	97
118	Multicenter Evaluation of Edwards SAPIEN Positioning During Transcatheter Aortic Valve Implantation With Correlates for Device Movement During Final Deployment. JACC: Cardiovascular Interventions, 2012, 5, 563-570.	1.1	38
119	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.	1.2	320
120	Changing demographics of valvular heart disease and impact on surgical and transcatheter valve therapies. International Journal of Cardiovascular Imaging, 2011, 27, 1115-1122.	0.7	25
121	EAE/ASE recommendations for the use of echocardiography in new transcatheter interventions for valvular heart disease. European Heart Journal, 2011, 32, 2189-2214.	1.0	304
122	Transcatheter valve implantation for patients with aortic stenosis. Heart, 2010, 96, 1849-1856.	1.2	11
123	Understanding Risk Assessment in Cardiac Surgery Patients. Seminars in Thoracic and Cardiovascular Surgery, 2010, 22, 285-290.	0.4	2
124	What are the characteristics of patients with severe, symptomatic, mitral regurgitation who are denied surgery?. European Heart Journal, 2007, 28, 1358-1365.	1.0	763
125	Recommendations for the management of patients after heart valve surgery. European Heart Journal, 2005, 26, 2463-2471.	1.0	488
126	Percutaneous Approaches to Valvular Disease. Circulation, 2004, 109, 1572-1579.	1.6	111

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127	Echocardiography in Infective Endocarditis. , 0, , 75-87.		1