Stamatios Lerakis

List of Publications by Year
in descending order

108 papers	3,759 citations	147801 31 h-index	138484 58 g-index
112 all docs	112 docs citations	112 times ranked	4947 citing authors

#	Article	IF	Citations
1	Characterization of Myocardial Injury in Patients With COVID-19. Journal of the American College of Cardiology, 2020, 76, 2043-2055.	2.8	303
2	Comparison of Transfemoral Transcatheter AorticÂValve Replacement Performed inÂthe Catheterization Laboratory (Minimalist Approach) Versus Hybrid Operating Room (Standard Approach). JACC: Cardiovascular Interventions, 2014, 7, 898-904.	2.9	290
3	Guidelines for the Evaluation of Valvular RegurgitationÂAfter Percutaneous Valve RepairÂorÂReplacement. Journal of the American Society of Echocardiography, 2019, 32, 431-475.	2.8	286
4	Association Between Transcatheter Aortic Valve Replacement and Subsequent Infective Endocarditis and In-Hospital Death. JAMA - Journal of the American Medical Association, 2016, 316, 1083.	7.4	241
5	Infective Endocarditis After Transcatheter Aortic Valve Implantation. Circulation, 2015, 131, 1566-1574.	1.6	227
6	Effect of Tricuspid Regurgitation and the Right Heart on Survival After Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	148
7	Early Regression of Severe Left Ventricular Hypertrophy After Transcatheter Aortic Valve Replacement Is Associated With Decreased Hospitalizations. JACC: Cardiovascular Interventions, 2014, 7, 662-673.	2.9	122
8	Soluble Urokinase Plasminogen Activator Receptor Level Is an Independent Predictor of the Presence and Severity of Coronary Artery Disease and of Future Adverse Events. Journal of the American Heart Association, 2014, 3, e001118.	3.7	110
9	Multimodality Imaging of Aortitis. JACC: Cardiovascular Imaging, 2014, 7, 605-619.	5.3	102
10	Arrhythmia Burden in Elderly Patients With Severe Aortic Stenosis as Determined by Continuous Electrocardiographic Recording. Circulation, 2015, 131, 469-477.	1.6	86
11	Implementation of Echocardiography Core Laboratory Best Practices: A Case Study of the PARTNER I Trial. Journal of the American Society of Echocardiography, 2013, 26, 348-358.e3.	2.8	82
12	Comparison of Clinical and Echocardiographic Outcomes AfterÂSurgical Redo Mitral Valve ReplacementÂand Transcatheter MitralÂValve-in-Valve Therapy. JACC: Cardiovascular Interventions, 2018, 11, 1131-1138.	2.9	78
13	Cardiovascular Magnetic Resonance to Evaluate Aortic Regurgitation After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2016, 68, 577-585.	2.8	74
14	High-Risk Patients With Inoperative Aortic Stenosis: Use of Transapical, Transaortic, and Transcarotid Techniques. Annals of Thoracic Surgery, 2015, 99, 817-825.	1.3	65
15	The role of cardiovascular magnetic resonance in stratifying paravalvular leak severity after transcatheter aortic valve replacement: an observationalÂoutcome study. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 93.	3.3	58
16	Predictors and Clinical Outcomes of Next-Day Discharge After Minimalist Transfemoral Transcatheter Aortic ValveÂReplacement. JACC: Cardiovascular Interventions, 2018, 11, 107-115.	2.9	58
17	Echocardiographic Imaging of Procedural Complications During Balloon-Expandable Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Imaging, 2015, 8, 288-318.	5.3	50
18	Use of Transaortic, Transapical, and Transcarotid Transcatheter Aortic Valve Replacement in Inoperable Patients. Annals of Thoracic Surgery, 2013, 96, 1349-1357.	1.3	49

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19	Incidence and clinical characteristics of takotsubo cardiomyopathy post-aneurysmal subarachnoid hemorrhage. International Journal of Cardiology, 2014, 176, 1362-1364.	1.7	49
20	Prognostic value of adenosine stress cardiovascular magnetic resonance in patients with low-risk chest pain. Journal of Cardiovascular Magnetic Resonance, 2009, 11, 37.	3.3	46
21	Cardiovascular Magnetic Resonance Imaging for Structural and Valvular HeartÂDisease Interventions. JACC: Cardiovascular Interventions, 2016, 9, 399-425.	2.9	46
22	Outcomes After Paravalvular Leak Closure. JACC: Cardiovascular Interventions, 2017, 10, 500-507.	2.9	46
23	The incidence and prognostic implications of worsening right ventricular function after surgical or transcatheter aortic valve replacement: insights from PARTNER IIA. European Heart Journal, 2018, 39, 2659-2667.	2.2	46
24	Transcatheter Aortic Valve Replacement in Patients With Aortic Stenosis and Mitral Regurgitation. Annals of Thoracic Surgery, 2017, 104, 1977-1985.	1.3	45
25	Aortitis. Vascular Pharmacology, 2016, 80, 1-10.	2.1	43
26	Hemodynamic Outcomes of Transcatheter Aortic Valve Replacement and Medical Management in Severe, Inoperable Aortic Stenosis: A Longitudinal Echocardiographic Study of Cohort B of the PARTNER Trial. Journal of the American Society of Echocardiography, 2015, 28, 210-217.e9.	2.8	38
27	Paravalvular Regurgitation after Transcatheter Aortic Valve Replacement: Comparing Transthoracic versus Transesophageal Echocardiographic Guidance. Journal of the American Society of Echocardiography, 2017, 30, 533-540.	2.8	36
28	Infective Endocarditis Following Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2019, 12, e007938.	3.9	36
29	Echocardiographic Findings in Patients with COVID-19 with Significant Myocardial Injury. Journal of the American Society of Echocardiography, 2020, 33, 1054-1055.	2.8	36
30	Using Deep-Learning Algorithms to Simultaneously Identify Right and Left Ventricular Dysfunction From the Electrocardiogram. JACC: Cardiovascular Imaging, 2022, 15, 395-410.	5.3	35
31	Long or redundant leaflet complicating transcatheter mitral valve replacement: Case vignettes that advocate for removal or reduction of the anterior mitral leaflet. Catheterization and Cardiovascular Interventions, 2018, 92, 627-632.	1.7	34
32	Exercise capacity and haemodynamic response among 12,327 individuals with cardio-metabolic risk factors undergoing treadmill exercise. European Journal of Preventive Cardiology, 2017, 24, 1627-1636.	1.8	33
33	Abnormal left ventricular global longitudinal strain by speckle tracking echocardiography in COVID-19 patients. Future Cardiology, 2021, 17, 655-661.	1.2	32
34	Transthoracic Dobutamine Stress Echocardiography in Patients Undergoing Bariatric Surgery. Obesity Surgery, 2007, 17, 1475-1481.	2.1	30
35	Repeat Pulmonary Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 2495-2503.	2.9	28
36	Characteristics and Outcomes of Patients Deferred for Transcatheter Aortic Valve Replacement Because of COVID-19. JAMA Network Open, 2020, 3, e2019801.	5.9	28

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37	Biventricular strain by speckle tracking echocardiography in COVID-19: findings and possible prognostic implications. Future Cardiology, 2021, 17, 663-667.	1.2	28
38	Safety and Quality of 1.5-T MRI in Patients With Conventional and MRI-Conditional Cardiac Implantable Electronic Devices After Implementation of a Standardized Protocol. American Journal of Roentgenology, 2016, 207, 599-604.	2.2	27
39	Diastolic Function and Clinical Outcomes After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2020, 76, 2940-2951.	2.8	27
40	Gender Difference Is Associated With Severity of Coronavirus Disease 2019 Infection: An Insight From a Meta-Analysis. , 2020, 2, e0148.		25
41	Cardiac magnetic resonance imaging: the future is bright. F1000Research, 2019, 8, 1636.	1.6	24
42	Imaging for Predicting, Detecting, andÂManagingÂComplications AfterÂTranscatheterÂAortic Valve Replacement. JACC: Cardiovascular Imaging, 2019, 12, 904-920.	5.3	24
43	Impact of Surgical and Transcatheter Aortic Valve Replacement in Low-Gradient Aortic Stenosis. JACC: Cardiovascular Interventions, 2021, 14, 1481-1492.	2.9	22
44	Pathway-Specific Aggregate Biomarker Risk Score Is Associated With Burden of Coronary Artery Disease and Predicts Near-Term Risk of Myocardial Infarction and Death. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	2.2	21
45	Surgical Treatment of Patients With Infective Endocarditis After Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2022, 79, 772-785.	2.8	20
46	Prediction of response to cardiac resynchronization therapy using left ventricular pacing lead position and cardiovascular magnetic resonance derived wall motion patterns: a prospective cohort study. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 57.	3.3	19
47	Temporal Trends, Characteristics, and Outcomes of Infective Endocarditis After Transcatheter Aortic Valve Replacement. Clinical Infectious Diseases, 2021, 73, e3750-e3758.	5.8	19
48	Outcomes of transcatheter mitral valve repair for secondary mitral regurgitation by severity of left ventricular dysfunction. EuroIntervention, 2021, 17, e335-e342.	3.2	19
49	Anatomical risk models for paravalvular leak and landing zone complications for balloonâ€expandable transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2017, 90, 690-700.	1.7	18
50	Pulmonary Venous Waveforms Predict Rehospitalization and Mortality After Percutaneous Mitral Valve Repair. JACC: Cardiovascular Imaging, 2019, 12, 1905-1913.	5.3	18
51	Mitral Bioprosthetic Valve Fracture. JACC: Cardiovascular Interventions, 2018, 11, e21-e22.	2.9	16
52	Incidence and Clinical Significance of Worsening Tricuspid Regurgitation Following Surgical or Transcatheter Aortic Valve Replacement: Analysis From the PARTNER IIA Trial. Circulation: Cardiovascular Interventions, 2021, 14, e010437.	3.9	16
53	Cardiac Magnetic Resonance for Paravalvular Leaks in Post-Transcatheter Aortic Valve Replacement. Circulation, 2014, 129, e430-1.	1.6	15
54	Endâ€stage renal disease and severe aortic stenosis: Does valve replacement improve oneâ€year outcomes?. Catheterization and Cardiovascular Interventions, 2017, 89, 1109-1115.	1.7	14

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55	Left Ventricular Global Longitudinal Strain as a Predictor of Outcomes in Patients with Heart Failure with Secondary Mitral Regurgitation: The COAPT Trial. Journal of the American Society of Echocardiography, 2021, 34, 955-965.	2.8	14
56	Cusp Overlap Technique: Should It Become the Standard Implantation Technique for Self-expanding Valves?. Current Cardiology Reports, 2021, 23, 154.	2.9	14
57	Epigenetic Modifications and Non-Coding RNA in Diabetes-Mellitus-Induced Coronary Artery Disease: Pathophysiological Link and New Therapeutic Frontiers. International Journal of Molecular Sciences, 2022, 23, 4589.	4.1	14
58	Transcatheter Aortic Valve Replacement Results inÂImprovement of Pulmonary Function in Patients With Severe Aortic Stenosis. Annals of Thoracic Surgery, 2015, 100, 2167-2173.	1.3	13
59	The Crucial Role of Cardiac Imaging in Transcatheter Aortic Valve Replacement (TAVR): Pre- and Post-procedural Assessment. Current Treatment Options in Cardiovascular Medicine, 2016, 18, 70.	0.9	13
60	Long-Term Outcomes After Infective Endocarditis After Transcatheter Aortic Valve Replacement. Circulation, 2020, 142, 1497-1499.	1.6	13
61	Stroke Complicating Infective Endocarditis After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2021, 77, 2276-2287.	2.8	12
62	Effect of Lipid Levels and Lipid-Lowering Therapy on Restenosis after Coronary Artery Stenting. American Journal of the Medical Sciences, 2006, 331, 270-273.	1.1	11
63	Perivalvular Extension of Infective Endocarditis After Transcatheter Aortic Valve Replacement. Clinical Infectious Diseases, 2022, 75, 638-646.	5.8	11
64	Radioprotective strategies for interventional echocardiographers during structural heart interventions. Catheterization and Cardiovascular Interventions, 2019, 93, 356-361.	1.7	10
65	Safety of Ultrasonic Enhancing Agents in Patients with COVID-19. Journal of the American Society of Echocardiography, 2020, 33, 906-908.	2.8	10
66	Infective Endocarditis Caused by Staphylococcus aureus After Transcatheter Aortic Valve Replacement. Canadian Journal of Cardiology, 2022, 38, 102-112.	1.7	9
67	Point-of-Care Ultrasound Findings and Clinical Outcomes in Patients with COVID-19. Journal of the American Society of Echocardiography, 2020, 33, 1416-1417.	2.8	8
68	Echocardiographic Imaging for Transcatheter Tricuspid Edgeâ€toâ€Edge Repair. Journal of the American Heart Association, 2020, 9, e015682.	3.7	8
69	Meta-Analysis Comparing Valve Durability Among Different Transcatheter and Surgical Aortic Valve Bioprosthesis. American Journal of Cardiology, 2021, 158, 104-111.	1.6	8
70	Does a Higher Society of Thoracic Surgeons Score Predict Outcomes in Transfemoral and Alternative Access Transcatheter Aortic Valve Replacement?. Annals of Thoracic Surgery, 2016, 102, 474-482.	1.3	6
71	Grabbing the Transcatheter Valve Skirt. JACC: Cardiovascular Interventions, 2017, 10, e175-e176.	2.9	6
72	Bioprosthetic Valve Thrombosis Associated With COVID-19 Infection. Circulation: Cardiovascular Imaging, 2021, 14, e012118.	2.6	6

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73	Using Clinical and Echocardiographic Characteristics to Characterize the Risk of Ischemic Stroke in Patients with COVID-19. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106217.	1.6	6
74	Echocardiographic and clinical factors related to paravalvular leak incidence in low-gradient severe aortic stenosis patients post-transcatheter aortic valve implantation. European Heart Journal Cardiovascular Imaging, 2015, 16, 558-563.	1.2	5
75	Degenerative mitral regurgitation predicts worse outcomes in patients undergoing transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2018, 92, 574-582.	1.7	5
76	Sudden Cardiac Arrest in an Adult with Anomalous Origin of the Left Coronary Artery from the Pulmonary Artery (ALCAPA): Case Report. International Journal of Environmental Research and Public Health, 2022, 19, 1554.	2.6	5
77	Hybrid Closure of ApicalÂPost-InfarctÂSeptal Defect. JACC: Cardiovascular Interventions, 2018, 11, e59-e61.	2.9	4
78	A Novel Hybrid Imaging Approach for Guidance of Percutaneous Transcatheter Tricuspid Valve Edge-to-Edge Repair. Journal of the American Society of Echocardiography, 2021, 34, 567-568.	2.8	4
79	Threeâ€Dimensional Transesophageal Echocardiographic Guidance during Retrieval of an Embolized Percutaneous Atrial Septal Defect Closure Device. Echocardiography, 2009, 26, 970-972.	0.9	3
80	Transcatheter valve-in-valve implantation for degenerated mitral valve bioprosthesis under 3D echocardiographic guidance. Expert Review of Cardiovascular Therapy, 2014, 12, 1035-1036.	1.5	3
81	Response to Letters Regarding Article, â€œInfective Endocarditis After Transcatheter Aortic Valve Implantation: Results From a Large Multicenter Registryâ€• Circulation, 2015, 132, e372-4.	1.6	3
82	A complex transcatheter mitral valve replacement and repair for the treatment of refractory severe mitral regurgitation. Hellenic Journal of Cardiology, 2016, 57, 348-350.	1.0	3
83	Ostial right coronary chronic total occlusion: Transesophageal echocardiographic guidance for retrograde aortic reâ€entry. Catheterization and Cardiovascular Interventions, 2018, 91, 1070-1073.	1.7	3
84	Subacute Aortic Root and Valve Thrombosis following Transcatheter Aortic Valve Replacement in a Left Ventricular Assist Device Patient: From One Problem to the Next. Case, 2021, 5, 97-100.	0.3	3
85	Acute Type A Aortic Dissection After TAVR in an Octogenarian With AscendingÂAorta Aneurysm. JACC: Cardiovascular Interventions, 2022, 15, 220-222.	2.9	3
86	Novel Three-Dimensional Transesophageal Echocardiographic Method for Mapping Mitral Annular Calcifications. Journal of the American Society of Echocardiography, 2022, 35, 1004-1005.	2.8	3
87	Mitral Valve Infective Endocarditis after Trans-Catheter Aortic Valve Implantation. American Journal of Cardiology, 2022, 172, 90-97.	1.6	3
88	WATCHMAN^{Â®} left atrial appendage system for stroke prevention in atrial fibrillation: a percutaneous-device delivery approach. Future Cardiology, 2007, 3, 507-509.	1.2	2
89	The use of vasodilator myocardial perfusion imaging in severe aortic stenosis: Is it time for a new prospective study?. Journal of Nuclear Cardiology, 2017, 24, 1214-1215.	2.1	2
90	Comprehensive Periprocedural Transesophageal Echocardiography IsÂaÂKey to Success in Transcatheter MitralÂValve Repair. JACC: Case Reports, 2020, 2, 555-558.	0.6	2

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91	The role of â€˜halo signâ€™ for the accurate quantification of atrial septal defect size with 3D TEE. International Journal of Cardiovascular Imaging, 2020, 36, 873-881.	1.5	2
92	Use of transesophageal echocardiography for transcatheter valve-in-valve implantation for patients with prior bioprosthetic surgical aortic, mitral, tricuspid, and pulmonic valves. Annals of Cardiothoracic Surgery, 2021, 10, 605-620.	1.7	2
93	The Effect of TAVR on Left Ventricular and Left Atrial Mechanics in Patients with Aortic Stenosis. Journal of Cardiovascular Development and Disease, 2022, 9, 35.	1.6	2
94	Transcatheter occlusion devices for the prevention of stroke in patients with atrial fibrillation. Hellenic Journal of Cardiology, 2008, 49, 33-6.	1.0	2
95	Transcatheter Treatment of Subaortic Stenosis Via Transcaval Access. JACC: Cardiovascular Interventions, 2017, 10, 740-741.	2.9	1
96	Contemporary evaluation of mitral regurgitation â€“ 3D echocardiography, cardiac magnetic resonance, and procedural planning. Expert Review of Cardiovascular Therapy, 2017, 15, 715-725.	1.5	1
97	Higher Walk Score is associated with higher rates of bystander automated external defibrillator use in street-level cardiac arrest from Cardiac Arrest Registry to Enhance Survival registry. Journal of Cardiovascular Medicine, 2019, 20, 859-860.	1.5	1
98	Infective Endocarditis: Diagnosis and Management, up-to-date. Journal of Echocardiography, 2005, 3, 129-135.	0.8	1
99	Dilated Coronary Sinus With a Persistent Left Superior Vena Cava: Echo and Cath Findings. Journal of Echocardiography, 2005, 3, 156-157.	0.8	1
100	An Aortic Root Abscess Treated Medically: Echocardiographic Follow up. Journal of Echocardiography, 2006, 4, 67-68.	0.8	1
101	Percutaneous Closure of Paravalvular Leak from a Rocking Mitral Valve in a 74-Year-Old Man at High Surgical Risk. Texas Heart Institute Journal, 2020, 47, 160-162.	0.3	1
102	Murphy's Law or Domino Effect. Circulation: Cardiovascular Imaging, 2020, 13, e010162.	2.6	0
103	Insights into functional mitral regurgitation using transillumination rendering. Echocardiography, 2021, 38, 1033-1051.	0.9	0
104	A Novel Strategy to Enable TAVR for Severe Aortic Stenosis in the Setting of a Persistent LAA Filling Defect. JACC: Cardiovascular Interventions, 2021, 14, e119-e121.	2.9	0
105	A Novel 3D Echocardiographic Rendering Tool for Assessment of Mitral Annuloplasty Ring Dehiscence. JACC: Cardiovascular Interventions, 2021, 14, 1259-1261.	2.9	0
106	One Image Gives the Answer. JACC: Cardiovascular Interventions, 2021, 14, e285-e286.	2.9	0
107	Late Presentation of TAVR Endocarditis. JACC: Cardiovascular Interventions, 2021, 14, e247-e251.	2.9	0
108	Echocardiography in the time of Covid-19: Ultrasound enhancing agents save time and augment diagnostic information. International Journal of Cardiology, 2021, 346, 100-102.	1.7	0