

Gloria Tamborini

List of Publications by Year in descending order

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64
papers

2,680
citations

186265

28
h-index

182427

51
g-index

64
all docs

64
docs citations

64
times ranked

3056
citing authors

#	ARTICLE	IF	CITATIONS
1	Head-to-Head Comparison of Two- and Three-Dimensional Transthoracic and Transesophageal Echocardiography in the Localization of Mitral Valve Prolapse. <i>Journal of the American College of Cardiology</i> , 2006, 48, 2524-2530.	2.8	214
2	Is right ventricular systolic function reduced after cardiac surgery? A two- and three-dimensional echocardiographic study. <i>European Journal of Echocardiography</i> , 2009, 10, 630-634.	2.3	197
3	Age-, Body Size-, and Sex-Specific Reference Values for Right Ventricular Volumes and Ejection Fraction by Three-Dimensional Echocardiography. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 700-710.	2.6	190
4	Reference Values for Right Ventricular Volumes and Ejection Fraction With Real-Time Three-Dimensional Echocardiography: Evaluation in a Large Series of Normal Subjects. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 109-115.	2.8	160
5	Impact of left ventricular systolic function on clinical and echocardiographic outcomes following transcatheter aortic valve implantation for severe aortic stenosis. <i>American Heart Journal</i> , 2010, 160, 1113-1120.	2.7	138
6	Feasibility and accuracy of a routine echocardiographic assessment of right ventricular function. <i>International Journal of Cardiology</i> , 2007, 115, 86-89.	1.7	115
7	A New Formula For Echo-Doppler Estimation of Right Ventricular Systolic Pressure. <i>Journal of the American Society of Echocardiography</i> , 1994, 7, 20-26.	2.8	102
8	Intraoperative 2D and 3D transoesophageal echocardiographic predictors of aortic regurgitation after transcatheter aortic valve implantation. <i>Heart</i> , 2012, 98, 1229-1236.	2.9	99
9	Hemodynamic and Clinical Impact of Prosthesis-Patient Mismatch After Transcatheter Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1910-1918.	2.8	97
10	Feasibility of a New Generation Three-Dimensional Echocardiography for Right Ventricular Volumetric and Functional Measurements. <i>American Journal of Cardiology</i> , 2008, 102, 499-505.	1.6	92
11	Value of the TAVI2-SCORE Versus Surgical Risk Scores for Prediction of One Year Mortality in 511 Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2015, 115, 234-242.	1.6	82
12	Feasibility and accuracy of a comprehensive multidetector computed tomography acquisition for patients referred for balloon-expandable transcatheter aortic valve implantation. <i>American Heart Journal</i> , 2011, 161, 1106-1113.	2.7	76
13	Quantitative Analysis of Mitral Valve Apparatus in Mitral Valve Prolapse Before and After Annuloplasty: A Three-Dimensional Intraoperative Transesophageal Study. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 405-413.	2.8	72
14	Feasibility and Accuracy of Automated Software for Transthoracic Three-Dimensional Left Ventricular Volume and Function Analysis: Comparisons with Two-Dimensional Echocardiography, Three-Dimensional Transthoracic Manual Method, and Cardiac Magnetic Resonance Imaging. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 1049-1058.	2.8	70
15	Incidence and characteristics of left ventricular false tendons and trabeculations in the normal and pathologic heart by second harmonic echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 367-374.	2.8	64
16	Feasibility and Accuracy of 3DTEE Versus CT for the Evaluation of Aortic Valve Annulus to Left Main Ostium Distance Before Transcatheter Aortic Valve Implantation. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 579-588.	5.3	59
17	Machine learning based automated dynamic quantification of left heart chamber volumes. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 541-549.	1.2	59
18	Comparison of Feasibility and Accuracy of Transthoracic Echocardiography Versus Computed Tomography in Patients With Known Ascending Aortic Aneurysm. <i>American Journal of Cardiology</i> , 2006, 98, 966-969.	1.6	57

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19	Feasibility of Intraoperative Three-Dimensional Transesophageal Echocardiography in the Evaluation of Right Ventricular Volumes and Function in Patients Undergoing Cardiac Surgery. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 868-877.	2.8	48
20	Pre-operative transthoracic real-time three-dimensional echocardiography in patients undergoing mitral valve repair: accuracy in cases with simple vs. complex prolapse lesions. <i>European Journal of Echocardiography</i> , 2010, 11, 778-785.	2.3	46
21	Prevalence of Calcification of the Mitral Valve Annulus in Patients Undergoing Surgical Repair of Mitral Valve Prolapse. <i>American Journal of Cardiology</i> , 2014, 113, 1867-1873.	1.6	46
22	Comparison of Accuracy of Aortic Root Annulus Assessment With Cardiac Magnetic Resonance Versus Echocardiography and Multidetector Computed Tomography in Patients Referred for Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2013, 112, 1790-1799.	1.6	42
23	Left atrial reverse remodeling and functional improvement after mitral valve repair in degenerative mitral regurgitation: A real-time 3-dimensional echocardiography study. <i>American Heart Journal</i> , 2011, 161, 314-321.	2.7	40
24	Aortic annulus area assessment by multidetector computed tomography for predicting paravalvular regurgitation in patients undergoing balloon-expandable transcatheter aortic valve implantation. <i>American Heart Journal</i> , 2012, 164, 576-584.	2.7	40
25	Postoperative Echocardiographic Reduction of Right Ventricular Function: Is Pericardial Opening Modality the Main Culprit? <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	37
26	Automated, machine learning-based, 3D echocardiographic quantification of left ventricular mass. <i>Echocardiography</i> , 2019, 36, 312-319.	0.9	37
27	T1 mapping and cardiac magnetic resonance feature tracking in mitral valve prolapse. <i>European Radiology</i> , 2021, 31, 1100-1109.	4.5	36
28	Quantification of mitral annulus dynamic morphology in patients with mitral valve prolapse undergoing repair and annuloplasty during a 6-month follow-up. <i>European Journal of Echocardiography</i> , 2011, 12, 375-383.	2.3	31
29	Left Main Coronary Artery Occlusion After Percutaneous Aortic Valve Implantation. <i>Annals of Thoracic Surgery</i> , 2010, 89, 953-955.	1.3	25
30	Feasibility and accuracy of three-dimensional transthoracic echocardiography vs. multidetector computed tomography in the evaluation of aortic valve annulus in patient candidates to transcatheter aortic valve implantation. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1316-1323.	1.2	25
31	Echocardiographic Assessment of the Tricuspid Annulus: The Effects of the Third Dimension and Measurement Methodology. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 238-247.	2.8	23
32	Comprehensive Assessment of Mitral Valve Geometry and Cardiac Remodeling With 3-Dimensional Echocardiography After Percutaneous Mitral Valve Repair. <i>American Journal of Cardiology</i> , 2018, 122, 1195-1203.	1.6	22
33	Comparison of two- and three-dimensional transesophageal echocardiography in patients undergoing atrial septal closure with the amplatzer septal occluder. <i>American Journal of Cardiology</i> , 2002, 90, 1025-1028.	1.6	21
34	Mitral valve regurgitation in patients undergoing TAVI: Impact of severity and etiology on clinical outcome. <i>International Journal of Cardiology</i> , 2020, 299, 228-234.	1.7	21
35	Five-year echocardiographic follow-up after TAVI: structural and functional changes of a balloon-expandable prosthetic aortic valve. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 389-397.	1.2	20
36	Dysfunction of Bileaflet Aortic Prosthesis. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 196-205.	5.3	19

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37	Transthoracic echocardiography in patients undergoing mitral valve repair: comparison of new transthoracic 3D techniques to 2D transoesophageal echocardiography in the localization of mitral valve prolapse. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1099-1107.	1.5	13
38	Influences of aortic pressure gradient and ventricular septal thickness with systolic coronary flow in aortic valve stenosis. <i>American Journal of Cardiology</i> , 1996, 78, 1303-1306.	1.6	12
39	Predicting Long-Term Mortality in TAVI Patients Using Machine Learning Techniques. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 44.	1.6	12
40	Right heart chamber geometry and tricuspid annulus morphology in patients undergoing mitral valve repair with and without tricuspid valve annuloplasty. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 885-894.	1.5	11
41	Diagnostic Accuracy of Transillumination in Mitral Valve Prolapse: Side-by-Side Comparison of Standard Transthoracic Three-Dimensional Echocardiography against Surgical Findings. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 98-100.	2.8	11
42	Cardiac Reverse Remodelling by 2D and 3D Echocardiography in Heart Failure Patients Treated with Sacubitril/Valsartan. <i>Diagnostics</i> , 2021, 11, 1845.	2.6	10
43	Novelties in 3D Transthoracic Echocardiography. <i>Journal of Clinical Medicine</i> , 2021, 10, 408.	2.4	9
44	Multi-parametric echocardiographic evaluation of right ventricular function using three-dimensional echocardiography: feasibility and comparison to traditional two-and three dimensional echocardiographic measurements. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 275-284.	1.5	8
45	Patients selection for MitraClip: Time to move to transthoracic echocardiographic screening?. <i>International Journal of Cardiology</i> , 2014, 176, 491-494.	1.7	7
46	Reshaping of Italian Echocardiographic Laboratories Activities during the Second Wave of COVID-19 Pandemic and Expectations for the Post-Pandemic Era. <i>Journal of Clinical Medicine</i> , 2021, 10, 3466.	2.4	7
47	A severe right-to-left intracardiac shunt after NobleStitch failure: when a device is needed. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-4.	0.6	6
48	Predictive Value of Pre-Operative 2D and 3D Transthoracic Echocardiography in Patients Undergoing Mitral Valve Repair: Long Term Follow Up of Mitral Valve Regurgitation Recurrence and Heart Chamber Remodeling. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 46.	1.6	5
49	Detection of Mechanical Prosthetic Valve Dysfunction. <i>American Journal of Cardiology</i> , 2021, 150, 101-109.	1.6	5
50	Machine Learning Prediction Models for Mitral Valve Repairability and Mitral Regurgitation Recurrence in Patients Undergoing Surgical Mitral Valve Repair. <i>Bioengineering</i> , 2021, 8, 117.	3.5	5
51	Anatomical Regurgitant Orifice Detection and Quantification from 3-D Echocardiographic Images. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1048-1057.	1.5	4
52	Proper Selection Does Make the Difference: A Propensity-Matched Analysis of Percutaneous and Surgical Cut-Down Transfemoral TAVR. <i>Journal of Clinical Medicine</i> , 2021, 10, 909.	2.4	4
53	Head to Head Comparison between Different 3-Dimensional Echocardiographic Rendering Tools in the Imaging of Percutaneous Edge-to-Edge Mitral Valve Repair. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 73.	1.6	4
54	Three-dimensional echocardiography: Advancements in qualitative and quantitative analyses of mitral valve morphology in mitral valve prolapse. <i>Journal of Cardiovascular Echography</i> , 2014, 24, 1.	0.4	4

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55	Feasibility and Accuracy of the Automated Software for Dynamic Quantification of Left Ventricular and Atrial Volumes and Function in a Large Unselected Population. <i>Journal of Clinical Medicine</i> , 2021, 10, 5030.	2.4	4
56	Initial experience with a new on-line transthoracic three-dimensional technique: assessment of feasibility and of diagnostic potential. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2003, 4, 544-50.	0.1	4
57	Three-Dimensional Echocardiography of the Mitral Valve: Lessons Learned. <i>Current Cardiology Reports</i> , 2013, 15, 377.	2.9	3
58	Transcatheter aortic valve implantation: Is an acute improvement in left ventricular ejection fraction as assessed by 3D echocardiography associated to further functional improvement at follow-up?. <i>International Journal of Cardiology</i> , 2014, 171, e47-e49.	1.7	3
59	Detailed Transthoracic and Transesophageal Echocardiographic Analysis of Mitral Leaflets in Patients Undergoing Mitral Valve Repair. <i>American Journal of Cardiology</i> , 2016, 118, 113-120.	1.6	3
60	The Role of Multimodality Imaging in Left-Sided Prosthetic Valve Dysfunction. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 12.	1.6	3
61	Three-dimensional echocardiography and mitral valve prolapse diagnosis: new insights into leaflet and cardiac chamber morphology, and annulus dynamics. <i>Journal of Cardiovascular Echography</i> , 2011, 21, 109-117.	0.4	1
62	Three-Dimensional Echocardiography. , 2013, , 61-72.		0
63	Advances in echocardiography: insights into the mitral valve and implications for surgical and percutaneous repair. <i>Interventional Cardiology</i> , 2013, 5, 683-693.	0.0	0
64	Three-Dimensional Echocardiography. , 2019, , 57-70.		0