

Donato Mele

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

2,510
citations

26
h-index

47
g-index

125
ext. papers

2,899
ext. citations

3.8
avg, IF

4.64
L-index

#	Paper	IF	Citations
100	Speckle-tracking echocardiography: a new technique for assessing myocardial function. <i>Journal of Ultrasound in Medicine</i> , 2011 , 30, 71-83	2.9	312
99	Differences of myocardial systolic deformation and correlates of diastolic function in competitive rowers and young hypertensives: a speckle-tracking echocardiography study. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 1190-8	5.8	159
98	Tumor necrosis factor-alpha receptor 1 is a major predictor of mortality and new-onset heart failure in patients with acute myocardial infarction: the Cytokine-Activation and Long-Term Prognosis in Myocardial Infarction (C-ALPHA) study. <i>Circulation</i> , 2005 , 111, 863-70	16.7	159
97	A new integrated system for three-dimensional echocardiographic reconstruction: development and validation for ventricular volume with application in human subjects. <i>Journal of the American College of Cardiology</i> , 1993 , 21, 743-53	15.1	136
96	Proximal jet size by Doppler color flow mapping predicts severity of mitral regurgitation. Clinical studies. <i>Circulation</i> , 1995 , 91, 746-54	16.7	102
95	Left intraventricular myocardial deformation dyssynchrony identifies responders to cardiac resynchronization therapy in patients with heart failure. <i>European Heart Journal</i> , 2006 , 27, 1070-8	9.5	87
94	Exercise intolerance in chronic heart failure: mechanisms and therapies. Part I. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 637-42		85
93	From Molecular Mechanisms to Clinical Management of Antineoplastic Drug-Induced Cardiovascular Toxicity: A Translational Overview. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 2110-2153 ^{8.4}	8.4	73
92	Echocardiographic assessment of left ventricular systolic function: from ejection fraction to torsion. <i>Heart Failure Reviews</i> , 2016 , 21, 77-94	5	60
91	Quantification of tricuspid regurgitation by means of the proximal flow convergence method: a clinical study. <i>American Heart Journal</i> , 1994 , 127, 1354-62	4.9	49
90	Exercise intolerance in chronic heart failure: mechanisms and therapies. Part II. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 643-8		44
89	Cardiac resynchronization therapy guided by multimodality cardiac imaging. <i>European Journal of Heart Failure</i> , 2016 , 18, 1375-1382	12.3	42
88	Which physical factors determine tricuspid regurgitation jet area in the clinical setting?. <i>American Journal of Cardiology</i> , 1993 , 72, 1305-9	3	42
87	Echocardiography in patients with hypertrophic cardiomyopathy: usefulness of old and new techniques in the diagnosis and pathophysiological assessment. <i>Cardiovascular Ultrasound</i> , 2010 , 8, 7	2.4	40
86	Echocardiographic myocardial scar burden predicts response to cardiac resynchronization therapy in ischemic heart failure. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 702-8	5.8	39
85	Effective regurgitant orifice area in tricuspid regurgitation: clinical implementation and follow-up study. <i>American Heart Journal</i> , 1994 , 128, 927-33	4.9	39
84	A recommended practical approach to the management of anthracycline-based chemotherapy cardiotoxicity: an opinion paper of the working group on drug cardiotoxicity and cardioprotection, Italian Society of Cardiology. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S84-92	1.9	39

83	Current views on anthracycline cardiotoxicity. <i>Heart Failure Reviews</i> , 2016 , 21, 621-34	5	35
82	Improving the preclinical models for the study of chemotherapy-induced cardiotoxicity: a Position Paper of the Italian Working Group on Drug Cardiotoxicity and Cardioprotection. <i>Heart Failure Reviews</i> , 2015 , 20, 621-31	5	32
81	Role of cardiac dyssynchrony and resynchronization therapy in functional mitral regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 471-80	4.1	31
80	A recommended practical approach to the management of target therapy and angiogenesis inhibitors cardiotoxicity: an opinion paper of the working group on drug cardiotoxicity and cardioprotection, Italian Society of Cardiology. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S93-S104	1.9	31
79	Intracardiac Flow Analysis: Techniques and Potential Clinical Applications. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 319-332	5.8	31
78	Myocarditis in COVID-19 patients: current problems. <i>Internal and Emergency Medicine</i> , 2021 , 16, 1123-1139	3.9	29
77	Left ventricular hypertrophy or storage disease? the incremental value of speckle tracking strain bull's-eye. <i>Echocardiography</i> , 2017 , 34, 746-759	1.5	28
76	Abnormalities of left ventricular function in asymptomatic patients with systemic sclerosis using Doppler measures of myocardial strain. <i>Journal of the American Society of Echocardiography</i> , 2008 , 21, 1257-64	5.8	28
75	Left ventricular ejection fraction and heart failure: an indissoluble marriage?. <i>European Journal of Heart Failure</i> , 2018 , 20, 427-430	12.3	27
74	Cardioprotection by gene therapy: A review paper on behalf of the Working Group on Drug Cardiotoxicity and Cardioprotection of the Italian Society of Cardiology. <i>International Journal of Cardiology</i> , 2015 , 191, 203-10	3.2	25
73	Abnormal left ventricular longitudinal function assessed by echocardiographic and tissue Doppler imaging is a powerful predictor of diastolic dysfunction in hypertensive patients: the SPHERE study. <i>International Journal of Cardiology</i> , 2013 , 168, 3351-8	3.2	25
72	Pathophysiology of anthracycline cardiotoxicity. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S3-S11	1.9	25
71	Sex differences in anthracycline-induced cardiotoxicity: the benefits of estrogens. <i>Heart Failure Reviews</i> , 2019 , 24, 915-925	5	24
70	Three-dimensional echocardiographic reconstruction: description and applications of a simplified technique for quantitative assessment of left ventricular size and function. <i>American Journal of Cardiology</i> , 1998 , 81, 107G-110G	3	24
69	Cancer therapy-induced cardiotoxicity: role of ultrasound deformation imaging as an aid to early diagnosis. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 627-43	3.5	23
68	Improved recognition of dysfunctioning myocardial segments by longitudinal strain rate versus velocity in patients with myocardial infarction. <i>Journal of the American Society of Echocardiography</i> , 2004 , 17, 313-21	5.8	23
67	Methodological approach for the assessment of ultrasound reproducibility of cardiac structure and function: a proposal of the study group of Echocardiography of the Italian Society of Cardiology (Ultra Cardia SIC) part I. <i>Cardiovascular Ultrasound</i> , 2011 , 9, 26	2.4	22
66	Comparison of myocardial deformation and velocity dyssynchrony for identification of responders to cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2009 , 11, 391-9	12.3	22

65	Value of proximal regurgitant jet size in tricuspid regurgitation. <i>American Heart Journal</i> , 1996 , 131, 742-749	22
64	Longitudinal strain of left ventricular basal segments and E/e' ratio differentiate primary cardiac amyloidosis at presentation from hypertensive hypertrophy: an automated function imaging study. <i>Echocardiography</i> , 2016 , 33, 1335-43	1.5 21
63	Chemotherapy-induced cardiotoxicity: new insights into mechanisms, monitoring, and prevention. <i>Journal of Cardiovascular Medicine</i> , 2018 , 19, 315-323	1.9 19
62	Pacing transmural scar tissue reduces left ventricle reverse remodeling after cardiac resynchronization therapy. <i>International Journal of Cardiology</i> , 2013 , 167, 94-101	3.2 18
61	The relationship between early left ventricular myocardial alterations and reduced coronary flow reserve in non-insulin-dependent diabetic patients with microvascular angina. <i>International Journal of Cardiology</i> , 2012 , 154, 250-5	3.2 18
60	Peak power output to left ventricular mass: an index to predict ventricular pumping performance and morbidity in advanced heart failure. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 1259-65	5.8 18
59	A simplified, practical echocardiographic approach for 3-dimensional surfacing and quantitation of the left ventricle: clinical application in patients with abnormally shaped hearts. <i>Journal of the American Society of Echocardiography</i> , 1998 , 11, 1001-12	5.8 16
58	Role of intraoperative transesophageal echocardiography in patients undergoing noncardiac surgery. <i>Journal of Cardiovascular Medicine</i> , 2008 , 9, 993-1003	1.9 16
57	Echocardiographic Evaluation of Left Ventricular Output in Patients with Heart Failure: A Per-Beat or Per-Minute Approach?. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 135-147.e3	5.8 16
56	Polar plot maps by parametric strain echocardiography allow accurate evaluation of non-viable transmural scar tissue in ischaemic heart disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 668-77	4.1 15
55	Left Ventricular Lead Position Guided by Parametric Strain Echocardiography Improves Response to Cardiac Resynchronization Therapy. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 1001-1011	5.8 15
54	The prognostic impact of dynamic ventricular dyssynchrony in patients with idiopathic dilated cardiomyopathy and narrow QRS. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 183-9	4.1 15
53	Cardiovascular imaging in the diagnosis and monitoring of cardiotoxicity: role of echocardiography. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S35-44	1.9 15
52	Value of baseline left lateral wall postsystolic displacement assessed by M-mode to predict reverse remodeling by cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , 2007 , 100, 470-5	3 14
51	Current role of echocardiography in cardiac resynchronization therapy. <i>Heart Failure Reviews</i> , 2017 , 22, 699-722	5 13
50	Potential cardiac risk of immune-checkpoint blockade as anticancer treatment: What we know, what we do not know, and what we can do to prevent adverse effects. <i>Medicinal Research Reviews</i> , 2018 , 38, 1447-1468	14.4 12
49	Impact of tissue harmonic imaging in patients with distorted left ventricles: improvement in accuracy and reproducibility of visual, manual and automated echocardiographic assessment of left ventricular ejection fraction. <i>European Journal of Echocardiography</i> , 2003 , 4, 59-67	12
48	From left ventricular ejection fraction to cardiac hemodynamics: role of echocardiography in evaluating patients with heart failure. <i>Heart Failure Reviews</i> , 2020 , 25, 217-230	5 12

47	Cardiovascular imaging in the diagnosis and monitoring of cardiotoxicity: cardiovascular magnetic resonance and nuclear cardiology. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S45-54	1.9	11
46	Effect of Echocardiographic Grading of Left Ventricular Diastolic Dysfunction by Different Classifications in Primary Care. <i>American Journal of Cardiology</i> , 2015 , 116, 1144-52	3	10
45	Reversibility of Left Ventricle Longitudinal Strain Alterations Induced by Adjuvant Therapy in Early Breast Cancer Patients. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 125-32	3.5	10
44	Right heart-pulmonary circulation unit and cardiac resynchronization therapy. <i>American Heart Journal</i> , 2017 , 185, 1-16	4.9	10
43	Novel Echocardiographic Approach to Hemodynamic Phenotypes Predicts Outcome of Patients Hospitalized With Heart Failure. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e009939	3.9	9
42	Real-time three dimensional transesophageal echocardiography: technical aspects and clinical applications. <i>Heart International</i> , 2010 , 5, e6	0.3	9
41	New echocardiographic technologies in the clinical management of hypertensive heart disease. <i>Journal of Cardiovascular Medicine</i> , 2007 , 8, 997-1006	1.9	9
40	Physical factors determining mitral regurgitation jet area. <i>American Journal of Cardiology</i> , 1994 , 74, 515-6	9	9
39	Role of cardiovascular imaging in cardiac resynchronization therapy: a literature review. <i>Journal of Cardiovascular Medicine</i> , 2018 , 19, 211-222	1.9	8
38	Mechanical dyssynchrony and functional mitral regurgitation: pathophysiology and clinical implications. <i>Journal of Cardiovascular Medicine</i> , 2008 , 9, 461-9	1.9	8
37	Atrial and ventricular pressures in atrial flutter. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1999 , 22, 600-4	1.6	8
36	The effect of captopril on peripheral hemodynamics in patients with essential hypertension: comparison between oral and sublingual administration. <i>Cardiovascular Drugs and Therapy</i> , 1990 , 4, 751-4	1.9	8
35	Improved detection of left ventricular thrombi and spontaneous echocontrast by tissue harmonic imaging in patients with myocardial infarction. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 1373-81	5.8	7
34	Assessment of left ventricular volume and function by integration of simplified 3D echocardiography, tissue harmonic imaging and automated extraction of endocardial borders. <i>International Journal of Cardiovascular Imaging</i> , 2004 , 20, 191-202	2.5	7
33	TNFalpha in patients with congestive heart failure. <i>Basic Research in Cardiology</i> , 2004 , 99, 12-7	11.8	6
32	Early Speckle-tracking Echocardiography Predicts Left Ventricle Remodeling after Acute ST-segment Elevation Myocardial Infarction. <i>Journal of Cardiovascular Echography</i> , 2017 , 27, 93-98	0.6	6
31	Right Atrial Pressure Is Associated with Outcomes in Patients with Heart Failure and Indeterminate Left Ventricular Filling Pressure. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1345-1356	5.8	6
30	Intracardiac flow analysis in cardiac resynchronization therapy: A new challenge?. <i>Echocardiography</i> , 2019 , 36, 1919-1929	1.5	5

29	Speckle tracking analysis in intensive care unit: A toy or a tool?. <i>Echocardiography</i> , 2018 , 35, 506-519	1.5	5
28	Echocardiographic evaluation of cardiac dyssynchrony: Does it still matter?. <i>Echocardiography</i> , 2018 , 35, 707-715	1.5	5
27	XStrain 4D analysis predicts left ventricular remodeling in patients with recent non-ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2016 , 206, 107-9	3.2	5
26	A semiautomated objective technique for applying the proximal isovelocity surface area method to quantitate mitral regurgitation: Clinical studies with the digital flow map. <i>American Heart Journal</i> , 2001 , 141, 653-60	4.9	5
25	Determinants of discrepancies between two-dimensional echocardiographic methods for assessment of maximal left atrial volume. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 584-602	4.1	4
24	Atrioventricular nodal versus atrioventricular supraventricular reentrant tachycardias: characterization by an integrated Doppler electrophysiological hemodynamic study. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000 , 23, 2078-85	1.6	4
23	Left Ventricle Relative Apical Sparing in Cardiac Amyloidosis. <i>Journal of Cardiovascular Echography</i> , 2017 , 27, 141-142	0.6	4
22	Discrepancies in Assessing Diastolic Function in Pre-Clinical Heart Failure Using Different Algorithms-A Primary Care Study. <i>Diagnostics</i> , 2020 , 10,	3.8	4
21	A new method to estimate left ventricular circumferential midwall systolic function by standard echocardiography: Concordance between models and validation by speckle tracking. <i>International Journal of Cardiology</i> , 2016 , 203, 947-58	3.2	3
20	Practical echocardiography in aortic valve stenosis. <i>Journal of Cardiovascular Medicine</i> , 2008 , 9, 653-65	1.9	3
19	Current Role of Echocardiography in Cardiac Resynchronization Therapy: from Cardiac Mechanics to Flow Dynamics Analysis. <i>Current Heart Failure Reports</i> , 2020 , 17, 384-396	2.8	3
18	New measures of right ventricle-pulmonary artery coupling in heart failure: An all-cause mortality echocardiographic study. <i>International Journal of Cardiology</i> , 2021 , 329, 234-241	3.2	3
17	Diagnosis of cardiotoxicity: role of conventional and advanced cardiovascular imaging. <i>Journal of Cardiovascular Echography</i> , 2011 , 21, 60-72	0.6	2
16	Hemodynamic effects of oral propafenone during both sinus rhythm and atrial fibrillation. <i>American Journal of Cardiology</i> , 1995 , 75, 91-3	3	2
15	Simplified vs comprehensive echocardiographic grading of left ventricular diastolic dysfunction in primary care. <i>International Journal of Cardiology</i> , 2016 , 214, 243-5	3.2	2
14	Paradoxical low-flow phenotype in hospitalized heart failure with preserved ejection fraction. <i>IJC Heart and Vasculature</i> , 2020 , 28, 100539	2.4	1
13	Response by Mele et al to Letter Regarding Article, "Novel Echocardiographic Approach to Hemodynamic Phenotypes Predicts Outcome of Patients Hospitalized With Heart Failure". <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e011045	3.9	1
12	Impact of physical training on normal age-related changes in left ventricular longitudinal function. <i>International Journal of Cardiology</i> , 2015 , 184, 68-70	3.2	1

11	Ruolo attuale dell'ecocardiografia nella terapia di resincronizzazione cardiaca. <i>Journal of Cardiovascular Echography</i> , 2011 , 21, 166-178	0.6	1
10	Clinical Value and Time Course of Pericoronary Fat Inflammation in Patients with Angiographically Nonobstructive Coronaries: A Preliminary Report. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
9	Left Ventricular Deformation and Vortex Analysis in Heart Failure: From Ultrasound Technique to Current Clinical Application. <i>Diagnostics</i> , 2021 , 11,	3.8	1
8	Left ventricular output indices in hospitalized heart failure: when "simpler" may not mean "better". <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 59-68	2.5	1
7	Indirect ultrasound evaluation of left ventricular outflow tract diameter implications for heart failure and aortic stenosis severity assessment. <i>Echocardiography</i> , 2021 , 38, 1104-1114	1.5	0
6	Transesophageal echocardiography in patients with cardiac arrest: from high-quality chest compression to effective resuscitation. <i>Journal of Echocardiography</i> , 2021 , 19, 28-36	1.6	0
5	Challenging Cases of Aortic Prosthesis Dysfunction, the Importance of Multimodality Imaging, a Case Series.. <i>Diagnostics</i> , 2021 , 11,	3.8	0
4	Noninvasive evaluation of right hemodynamics in carcinoid heart disease: A case report. <i>Journal of Clinical Ultrasound</i> , 2017 , 45, 355-361	1	
3	Reply. <i>European Journal of Heart Failure</i> , 2017 , 19, 435	12.3	
2	Feasibility and Role of Right Ventricular Stress Echocardiography in Adult Patients. <i>Journal of Cardiovascular Echography</i> , 2021 , 31, 68-72	0.6	
1	Underestimation of regional myocardial perfusion with Tc-99m sestamibi single-day rest-stress SPECT: a "drug washout" pitfall?. <i>Clinical Nuclear Medicine</i> , 2000 , 25, 255-7	1.7	