Donato Mele

List of Publications by Year in Descending Order

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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	Feasibility and Role of Right Ventricular Stress Echocardiography in Adult Patients. *Journal of Cardiovascular Echography*, **2021**, 31, 68-72	0.6	
99	Clinical Value and Time Course of Pericoronary Fat Inflammation in Patients with Angiographically Nonobstructive Coronaries: A Preliminary Report. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
98	New measures of right ventricle-pulmonary artery coupling in heart failure: An all-cause mortality echocardiographic study. *International Journal of Cardiology*, **2021**, 329, 234-241	3.2	3
97	Indirect ultrasound evaluation of left ventricular outflow tract diameter implications for heart failure and aortic stenosis severity assessment. *Echocardiography*, **2021**, 38, 1104-1114	1.5	0
96	Left Ventricular Deformation and Vortex Analysis in Heart Failure: From Ultrasound Technique to Current Clinical Application. *Diagnostics*, **2021**, 11,	3.8	1
95	Left ventricular output indices in hospitalized heart failure: when "simpler" may not mean "better". *International Journal of Cardiovascular Imaging*, **2021**, 37, 59-68	2.5	1
94	Transesophageal echocardiography in patients with cardiac arrest: from high-quality chest compression to effective resuscitation. *Journal of Echocardiography*, **2021**, 19, 28-36	1.6	0
93	Myocarditis in COVID-19 patients: current problems. *Internal and Emergency Medicine*, **2021**, 16, 1123-1129	3.7	29
92	Challenging Cases of Aortic Prosthesis Dysfunction, the Importance of Multimodality Imaging, a Case Series.. *Diagnostics*, **2021**, 11,	3.8	0
91	Novel Echocardiographic Approach to Hemodynamic Phenotypes Predicts Outcome of Patients Hospitalized With Heart Failure. *Circulation: Cardiovascular Imaging*, **2020**, 13, e009939	3.9	9
90	Paradoxical low-flow phenotype in hospitalized heart failure with preserved ejection fraction. *IJC Heart and Vasculature*, **2020**, 28, 100539	2.4	1
89	Response by Mele et al to Letter Regarding Article, "Novel Echocardiographic Approach to Hemodynamic Phenotypes Predicts Outcome of Patients Hospitalized With Heart Failure". *Circulation: Cardiovascular Imaging*, **2020**, 13, e011045	3.9	1
88	Echocardiographic Evaluation of Left Ventricular Output in Patients with Heart Failure: A Per-Beat or Per-Minute Approach?. *Journal of the American Society of Echocardiography*, **2020**, 33, 135-147.e3	5.8	16
87	Current Role of Echocardiography in Cardiac Resynchronization Therapy: from Cardiac Mechanics to Flow Dynamics Analysis. *Current Heart Failure Reports*, **2020**, 17, 384-396	2.8	3
86	Right Atrial Pressure Is Associated with Outcomes in Patients with Heart Failure and Indeterminate Left Ventricular Filling Pressure. *Journal of the American Society of Echocardiography*, **2020**, 33, 1345-1356	5.8	6
85	Discrepancies in Assessing Diastolic Function in Pre-Clinical Heart Failure Using Different Algorithms-A Primary Care Study. *Diagnostics*, **2020**, 10,	3.8	4
84	From left ventricular ejection fraction to cardiac hemodynamics: role of echocardiography in evaluating patients with heart failure. *Heart Failure Reviews*, **2020**, 25, 217-230	5	12

83	Intracardiac flow analysis in cardiac resynchronization therapy: A new challenge?. *Echocardiography*, **2019**, 36, 1919-1929	1.5	5
82	Sex differences in anthracycline-induced cardiotoxicity: the benefits of estrogens. *Heart Failure Reviews*, **2019**, 24, 915-925	5	24
81	Intracardiac Flow Analysis: Techniques and Potential Clinical Applications. *Journal of the American Society of Echocardiography*, **2019**, 32, 319-332	5.8	31
80	From Molecular Mechanisms to Clinical Management of Antineoplastic Drug-Induced Cardiovascular Toxicity: A Translational Overview. *Antioxidants and Redox Signaling*, **2019**, 30, 2110-2153	8.4	73
79	Role of cardiovascular imaging in cardiac resynchronization therapy: a literature review. *Journal of Cardiovascular Medicine*, **2018**, 19, 211-222	1.9	8
78	Speckle tracking analysis in intensive care unit: A toy or a tool?. *Echocardiography*, **2018**, 35, 506-519	1.5	5
77	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. *Medicinal Research Reviews*, **2018**, 38, 1447-1468	14.4	12
76	Left ventricular ejection fraction and heart failure: an indissoluble marriage?. *European Journal of Heart Failure*, **2018**, 20, 427-430	12.3	27
75	Chemotherapy-induced cardiotoxicity: new insights into mechanisms, monitoring, and prevention. *Journal of Cardiovascular Medicine*, **2018**, 19, 315-323	1.9	19
74	Echocardiographic evaluation of cardiac dyssynchrony: Does it still matter?. *Echocardiography*, **2018**, 35, 707-715	1.5	5
73	Determinants of discrepancies between two-dimensional echocardiographic methods for assessment of maximal left atrial volume. *European Heart Journal Cardiovascular Imaging*, **2017**, 18, 584-602	4.1	4
72	Noninvasive evaluation of right hemodynamics in carcinoid heart disease: A case report. *Journal of Clinical Ultrasound*, **2017**, 45, 355-361	1	
71	Reply. *European Journal of Heart Failure*, **2017**, 19, 435	12.3	
70	Left ventricular hypertrophy or storage disease? the incremental value of speckle tracking strain bull's-eye. *Echocardiography*, **2017**, 34, 746-759	1.5	28
69	Left Ventricular Lead Position Guided by Parametric Strain Echocardiography Improves Response to Cardiac Resynchronization Therapy. *Journal of the American Society of Echocardiography*, **2017**, 30, 1001-1011	5.8	15
68	Right heart-pulmonary circulation unit and cardiac resynchronization therapy. *American Heart Journal*, **2017**, 185, 1-16	4.9	10
67	Current role of echocardiography in cardiac resynchronization therapy. *Heart Failure Reviews*, **2017**, 22, 699-722	5	13
66	Left Ventricle Relative Apical Sparing in Cardiac Amyloidosis. *Journal of Cardiovascular Echography*, **2017**, 27, 141-142	0.6	4

65	Early Speckle-tracking Echocardiography Predicts Left Ventricle Remodeling after Acute ST-segment Elevation Myocardial Infarction. *Journal of Cardiovascular Echography*, **2017**, 27, 93-98	0.6	6
64	Cardiac resynchronization therapy guided by multimodality cardiac imaging. *European Journal of Heart Failure*, **2016**, 18, 1375-1382	12.3	42
63	Current views on anthracycline cardiotoxicity. *Heart Failure Reviews*, **2016**, 21, 621-34	5	35
62	Role of cardiac dyssynchrony and resynchronization therapy in functional mitral regurgitation. *European Heart Journal Cardiovascular Imaging*, **2016**, 17, 471-80	4.1	31
61	XStrain 4D analysis predicts left ventricular remodeling in patients with recent non-ST-segment elevation myocardial infarction. *International Journal of Cardiology*, **2016**, 206, 107-9	3.2	5
60	Echocardiographic assessment of left ventricular systolic function: from ejection fraction to torsion. *Heart Failure Reviews*, **2016**, 21, 77-94	5	60
59	Reversibility of Left Ventricle Longitudinal Strain Alterations Induced by Adjuvant Therapy in Early Breast Cancer Patients. *Ultrasound in Medicine and Biology*, **2016**, 42, 125-32	3.5	10
58	A new method to estimate left ventricular circumferential midwall systolic function by standard echocardiography: Concordance between models and validation by speckle tracking. *International Journal of Cardiology*, **2016**, 203, 947-58	3.2	3
57	Polar plot maps by parametric strain echocardiography allow accurate evaluation of non-viable transmural scar tissue in ischaemic heart disease. *European Heart Journal Cardiovascular Imaging*, **2016**, 17, 668-77	4.1	15
56	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. *Echocardiography*, **2016**, 33, 1335-43	1.5	21
55	Pathophysiology of anthracycline cardiotoxicity. *Journal of Cardiovascular Medicine*, **2016**, 17 Suppl 1, S3-S11	1.9	25
54	Cardiovascular imaging in the diagnosis and monitoring of cardiotoxicity: cardiovascular magnetic resonance and nuclear cardiology. *Journal of Cardiovascular Medicine*, **2016**, 17 Suppl 1, S45-54	1.9	11
53	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. *Journal of Cardiovascular Medicine*, **2016**, 17 Suppl 1, S84-92	1.9	39
52	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. *Journal of Cardiovascular Medicine*, **2016**, 17 Suppl 1, S93-S104	1.9	31
51	Cardiovascular imaging in the diagnosis and monitoring of cardiotoxicity: role of echocardiography. *Journal of Cardiovascular Medicine*, **2016**, 17 Suppl 1, S35-44	1.9	15
50	Simplified vs comprehensive echocardiographic grading of left ventricular diastolic dysfunction in primary care. *International Journal of Cardiology*, **2016**, 214, 243-5	3.2	2
49	Effect of Echocardiographic Grading of Left Ventricular Diastolic Dysfunction by Different Classifications in Primary Care. *American Journal of Cardiology*, **2015**, 116, 1144-52	3	10
48	Cardioprotection by gene therapy: A review paper on behalf of the Working Group on Drug Cardiotoxicity and Cardioprotection of the Italian Society of Cardiology. *International Journal of Cardiology*, **2015**, 191, 203-10	3.2	25

47	Improving the preclinical models for the study of chemotherapy-induced cardiotoxicity: a Position Paper of the Italian Working Group on Drug Cardiotoxicity and Cardioprotection. *Heart Failure Reviews*, **2015**, 20, 621-31	5	32
46	Impact of physical training on normal age-related changes in left ventricular longitudinal function. *International Journal of Cardiology*, **2015**, 184, 68-70	3.2	1
45	Cancer therapy-induced cardiotoxicity: role of ultrasound deformation imaging as an aid to early diagnosis. *Ultrasound in Medicine and Biology*, **2015**, 41, 627-43	3.5	23
44	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. *International Journal of Cardiology*, **2013**, 168, 3351-8	3.2	25
43	Pacing transmural scar tissue reduces left ventricle reverse remodeling after cardiac resynchronization therapy. *International Journal of Cardiology*, **2013**, 167, 94-101	3.2	18
42	The prognostic impact of dynamic ventricular dyssynchrony in patients with idiopathic dilated cardiomyopathy and narrow QRS. *European Heart Journal Cardiovascular Imaging*, **2013**, 14, 183-9	4.1	15
41	The relationship between early left ventricular myocardial alterations and reduced coronary flow reserve in non-insulin-dependent diabetic patients with microvascular angina. *International Journal of Cardiology*, **2012**, 154, 250-5	3.2	18
40	Diagnosis of cardiotoxicity: role of conventional and advanced cardiovascular imaging. *Journal of Cardiovascular Echography*, **2011**, 21, 60-72	0.6	2
39	Ruolo attuale dell'ecocardiografia nella terapia di resincronizzazione cardiaca. *Journal of Cardiovascular Echography*, **2011**, 21, 166-178	0.6	1
38	Speckle-tracking echocardiography: a new technique for assessing myocardial function. *Journal of Ultrasound in Medicine*, **2011**, 30, 71-83	2.9	312
37	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. *Cardiovascular Ultrasound*, **2011**, 9, 26	2.4	22
36	Real-time three dimensional transesophageal echocardiography: technical aspects and clinical applications. *Heart International*, **2010**, 5, e6	0.3	9
35	Exercise intolerance in chronic heart failure: mechanisms and therapies. Part I. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2010**, 17, 637-42		85
34	Exercise intolerance in chronic heart failure: mechanisms and therapies. Part II. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2010**, 17, 643-8		44
33	Differences of myocardial systolic deformation and correlates of diastolic function in competitive rowers and young hypertensives: a speckle-tracking echocardiography study. *Journal of the American Society of Echocardiography*, **2010**, 23, 1190-8	5.8	159
32	Peak power output to left ventricular mass: an index to predict ventricular pumping performance and morbidity in advanced heart failure. *Journal of the American Society of Echocardiography*, **2010**, 23, 1259-65	5.8	18
31	Echocardiography in patients with hypertrophic cardiomyopathy: usefulness of old and new techniques in the diagnosis and pathophysiological assessment. *Cardiovascular Ultrasound*, **2010**, 8, 7	2.4	40
30	Comparison of myocardial deformation and velocity dyssynchrony for identification of responders to cardiac resynchronization therapy. *European Journal of Heart Failure*, **2009**, 11, 391-9	12.3	22

29	Echocardiographic myocardial scar burden predicts response to cardiac resynchronization therapy in ischemic heart failure. *Journal of the American Society of Echocardiography*, **2009**, 22, 702-8	5.8	39
28	Abnormalities of left ventricular function in asymptomatic patients with systemic sclerosis using Doppler measures of myocardial strain. *Journal of the American Society of Echocardiography*, **2008**, 21, 1257-64	5.8	28
27	Mechanical dyssynchrony and functional mitral regurgitation: pathophysiology and clinical implications. *Journal of Cardiovascular Medicine*, **2008**, 9, 461-9	1.9	8
26	Practical echocardiography in aortic valve stenosis. *Journal of Cardiovascular Medicine*, **2008**, 9, 653-65	1.9	3
25	Role of intraoperative transesophageal echocardiography in patients undergoing noncardiac surgery. *Journal of Cardiovascular Medicine*, **2008**, 9, 993-1003	1.9	16
24	Value of baseline left lateral wall postsystolic displacement assessed by M-mode to predict reverse remodeling by cardiac resynchronization therapy. *American Journal of Cardiology*, **2007**, 100, 470-5	3	14
23	New echocardiographic technologies in the clinical management of hypertensive heart disease. *Journal of Cardiovascular Medicine*, **2007**, 8, 997-1006	1.9	9
22	Left intraventricular myocardial deformation dyssynchrony identifies responders to cardiac resynchronization therapy in patients with heart failure. *European Heart Journal*, **2006**, 27, 1070-8	9.5	87
21	Improved detection of left ventricular thrombi and spontaneous echocontrast by tissue harmonic imaging in patients with myocardial infarction. *Journal of the American Society of Echocardiography*, **2006**, 19, 1373-81	5.8	7
20	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. *Circulation*, **2005**, 111, 863-70	16.7	159
19	Assessment of left ventricular volume and function by integration of simplified 3D echocardiography, tissue harmonic imaging and automated extraction of endocardial borders. *International Journal of Cardiovascular Imaging*, **2004**, 20, 191-202	2.5	7
18	TNFalpha in patients with congestive heart failure. *Basic Research in Cardiology*, **2004**, 99, 12-7	11.8	6
17	Improved recognition of dysfunctioning myocardial segments by longitudinal strain rate versus velocity in patients with myocardial infarction. *Journal of the American Society of Echocardiography*, **2004**, 17, 313-21	5.8	23
16	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. *European Journal of Echocardiography*, **2003**, 4, 59-67		12
15	A semiautomated objective technique for applying the proximal isovelocity surface area method to quantitate mitral regurgitation: Clinical studies with the digital flow map. *American Heart Journal*, **2001**, 141, 653-60	4.9	5
14	Atrioventricular nodal versus atrioventricular supraventricular reentrant tachycardias: characterization by an integrated Doppler electrophysiological hemodynamic study. *PACE - Pacing and Clinical Electrophysiology*, **2000**, 23, 2078-85	1.6	4
13	Underestimation of regional myocardial perfusion with Tc-99m sestamibi single-day rest-stress SPECT: a "drug washout" pitfall?. *Clinical Nuclear Medicine*, **2000**, 25, 255-7	1.7	
12	Atrial and ventricular pressures in atrial flutter. *PACE - Pacing and Clinical Electrophysiology*, **1999**, 22, 600-4	1.6	8

11	Three-dimensional echocardiographic reconstruction: description and applications of a simplified technique for quantitative assessment of left ventricular size and function. *American Journal of Cardiology*, **1998**, 81, 107G-110G	3	24
10	A simplified, practical echocardiographic approach for 3-dimensional surfacing and quantitation of the left ventricle: clinical application in patients with abnormally shaped hearts. *Journal of the American Society of Echocardiography*, **1998**, 11, 1001-12	5.8	16
9	Value of proximal regurgitant jet size in tricuspid regurgitation. *American Heart Journal*, **1996**, 131, 742-7	4.9	22
8	Hemodynamic effects of oral propafenone during both sinus rhythm and atrial fibrillation. *American Journal of Cardiology*, **1995**, 75, 91-3	3	2
7	Proximal jet size by Doppler color flow mapping predicts severity of mitral regurgitation. Clinical studies. *Circulation*, **1995**, 91, 746-54	16.7	102
6	Physical factors determining mitral regurgitation jet area. *American Journal of Cardiology*, **1994**, 74, 515-6	3	9
5	Quantification of tricuspid regurgitation by means of the proximal flow convergence method: a clinical study. *American Heart Journal*, **1994**, 127, 1354-62	4.9	49
4	Effective regurgitant orifice area in tricuspid regurgitation: clinical implementation and follow-up study. *American Heart Journal*, **1994**, 128, 927-33	4.9	39
3	A new integrated system for three-dimensional echocardiographic reconstruction: development and validation for ventricular volume with application in human subjects. *Journal of the American College of Cardiology*, **1993**, 21, 743-53	15.1	136
2	Which physical factors determine tricuspid regurgitation jet area in the clinical setting?. *American Journal of Cardiology*, **1993**, 72, 1305-9	3	42
1	The effect of captopril on peripheral hemodynamics in patients with essential hypertension: comparison between oral and sublingual administration. *Cardiovascular Drugs and Therapy*, **1990**, 4, 751-4	3.9	8