

Marta Focardi

List of Publications by Year in descending order

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82
papers

3,303
citations

186265

28
h-index

155660

55
g-index

83
all docs

83
docs citations

83
times ranked

4328
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor Necrosis Factor- α Induces Endothelial Dysfunction in the Prediabetic Metabolic Syndrome. <i>Circulation Research</i> , 2006, 99, 69-77.	4.5	302
2	Changing Scenario in Chronic Ischemic Heart Disease: Therapeutic Implications. <i>American Journal of Cardiology</i> , 2006, 98, 3-7.	1.6	207
3	Usefulness of Atrial Deformation Analysis to Predict Left Atrial Fibrosis and Endocardial Thickness in Patients Undergoing Mitral Valve Operations for Severe Mitral Regurgitation Secondary to Mitral Valve Prolapse. <i>American Journal of Cardiology</i> , 2013, 111, 595-601.	1.6	207
4	Traditional and innovative echocardiographic parameters for the analysis of right ventricular performance in comparison with cardiac magnetic resonance. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 47-52.	1.2	190
5	Left Atrial Deformation Analysis by Speckle Tracking Echocardiography for Prediction of Cardiovascular Outcomes. <i>American Journal of Cardiology</i> , 2012, 110, 264-269.	1.6	181
6	Leptin receptors are expressed in coronary arteries, and hyperleptinemia causes significant coronary endothelial dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H48-H56.	3.2	162
7	Correlation of Left Atrial Strain and Doppler Measurements with Invasive Measurement of Left Ventricular End-Diastolic Pressure in Patients Stratified for Different Values of Ejection Fraction. <i>Echocardiography</i> , 2016, 33, 398-405.	0.9	151
8	Vascular Endothelial Growth Factor Is Required for Coronary Collateral Growth in the Rat. <i>Circulation</i> , 2005, 112, 2108-2113.	1.6	126
9	H ₂ O ₂ -induced redox-sensitive coronary vasodilation is mediated by 4-aminopyridine-sensitive K ⁺ channels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H2473-H2482.	3.2	89
10	Incidence rate of primary cardiac tumors. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 37-43.	1.5	87
11	RV Longitudinal Deformation Correlates With Myocardial Fibrosis in Patients With End-Stage Heart Failure. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 514-522.	5.3	82
12	Speckle tracking echocardiography as a new technique to evaluate right ventricular function in patients with left ventricular assist device therapy. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 424-430.	0.6	75
13	Cardiac Magnetic Resonance Normal Reference Values of Biventricular Size and Function in Male Athlete's Heart. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1755-1765.	5.3	74
14	Novel echocardiographic techniques for the evaluation of athlete's heart: A focus on speckle-tracking echocardiography. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 437-446.	1.8	70
15	Coronary microvascular dysfunction in diabetes mellitus: A review. <i>World Journal of Cardiology</i> , 2010, 2, 377.	1.5	64
16	Atrial Enlargement in the Athlete's Heart: Assessment of Atrial Function May Help Distinguish Adaptive from Pathologic Remodeling. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 148-157.	2.8	62
17	Normative Reference Values of Right Heart in Competitive Athletes: A Systematic Review and Meta-Analysis. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 845-858.e2.	2.8	60
18	Right ventricular remodelling induced by exercise training in competitive athletes. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 301-307.	1.2	58

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19	Left atrial speckle tracking analysis in patients with mitral insufficiency and history of paroxysmal atrial fibrillation. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 1663-1670.	1.5	57
20	Training-induced right ventricular remodelling in pre-adolescent endurance athletes: The athlete's heart in children. <i>International Journal of Cardiology</i> , 2017, 236, 270-275.	1.7	53
21	Increased basal coronary blood flow as a cause of reduced coronary flow reserve in diabetic patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H2279-H2284.	3.2	52
22	The prognostic role of speckle tracking echocardiography in clinical practice: evidence and reference values from the literature. <i>Heart Failure Reviews</i> , 2021, 26, 1371-1381.	3.9	44
23	A prospective study on the consequences of SARS-CoV-2 infection on the heart of young adult competitive athletes: Implications for a safe return-to-play. <i>International Journal of Cardiology</i> , 2021, 336, 130-136.	1.7	43
24	Atrial chamber remodelling in healthy pre-adolescent athletes engaged in endurance sports: A study with a longitudinal design. The CHILD study. <i>International Journal of Cardiology</i> , 2016, 223, 325-330.	1.7	42
25	Cardiac magnetic Resonance for prophylactic Implantable-cardioverter defibrillator Therapy in Non-Ischaemic dilated Cardiomyopathy: an international Registry. <i>Europace</i> , 2021, 23, 1072-1083.	1.7	37
26	Dynamic changes in left ventricular mass and in fat-free mass in top-level athletes during the competitive season. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 127-134.	1.8	33
27	The importance of ventilatory thresholds to define aerobic exercise intensity in cardiac patients and healthy subjects. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1796-1808.	2.9	33
28	Causes of sudden cardiac death in young athletes and non-athletes: systematic review and meta-analysis. <i>Trends in Cardiovascular Medicine</i> , 2022, 32, 299-308.	4.9	32
29	Restoration of coronary endothelial function in obese Zucker rats by a low-carbohydrate diet. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H2093-H2099.	3.2	31
30	Midwall mechanics in physiologic and hypertensive concentric hypertrophy. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 418-427.	2.8	29
31	Increased left atrial size is associated with reduced atrial stiffness and preserved reservoir function in athlete's heart. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 699-705.	1.5	29
32	Effects of training on LV strain in competitive athletes. <i>Heart</i> , 2015, 101, 1834-1839.	2.9	28
33	Left atrial strain by speckle tracking predicts atrial fibrosis in patients undergoing heart transplantation. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 829-835.	1.2	28
34	COVID-19 and Acute Coronary Syndromes: Current Data and Future Implications. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 593496.	2.4	27
35	Speckle Tracking Echocardiography: Early Predictor of Diagnosis and Prognosis in Coronary Artery Disease. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	27
36	Appropriate use criteria for cardiovascular magnetic resonance imaging (CMR): SICa™ SIRM position paper part 1 (ischemic and congenital heart diseases, cardio-oncology, cardiac masses and heart) <i>Tj ETQq0 0 0 rgBTj Overlock 1.0 Tf 50 5</i>		

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37	Detection of myocardial fibrosis by speckle-tracking echocardiography: from prediction to clinical applications. <i>Heart Failure Reviews</i> , 2022, 27, 1857-1867.	3.9	26
38	Training-induced dynamic changes in left atrial reservoir, conduit, and active volumes in professional soccer players. <i>European Journal of Applied Physiology</i> , 2015, 115, 1715-1723.	2.5	25
39	Novel Approaches in Cardiac Imaging for Non-invasive Assessment of Left Heart Myocardial Fibrosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 614235.	2.4	22
40	Prevalence and significance of T-wave inversion in children practicing sport: A prospective, 4-year follow-up study. <i>International Journal of Cardiology</i> , 2019, 279, 100-104.	1.7	20
41	Effects of levosimendan without loading dose on systolic and diastolic function in patients with end-stage heart failure. <i>Cardiology Journal</i> , 2011, 19, 532-537.	1.2	20
42	Left Atrial Strain Predicts Pro-Thrombotic State in Patients with Non-Valvular Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2017, 10, 1641.	0.5	17
43	Diagnostic and prognostic value of low QRS voltages in cardiomyopathies: old but gold. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1177-1187.	1.8	17
44	Electrocardiographic Changes Induced by Endurance Training and Pubertal Development in Male Children. <i>American Journal of Cardiology</i> , 2017, 119, 795-801.	1.6	16
45	SARS-CoV-2 infection and return to play in junior competitive athletes: is systematic cardiac screening needed?. <i>British Journal of Sports Medicine</i> , 2022, 56, 264-270.	6.7	16
46	Clinician approach to cardiopulmonary exercise testing for exercise prescription in patients at risk of and with cardiovascular disease. <i>British Journal of Sports Medicine</i> , 2022, 56, 1180-1187.	6.7	16
47	Reduced levels of putative endothelial progenitor and CXCR4+ cells in coronary artery disease: Kinetics following percutaneous coronary intervention and association with clinical characteristics. <i>Thrombosis and Haemostasis</i> , 2009, 101, 1138-1146.	3.4	15
48	Clinical management of young competitive athletes with premature ventricular beats: A prospective cohort study. <i>International Journal of Cardiology</i> , 2021, 330, 59-64.	1.7	13
49	The Acute Effects of an Ultramarathon on Atrial Function and Supraventricular Arrhythmias in Master Athletes. <i>Journal of Clinical Medicine</i> , 2022, 11, 528.	2.4	13
50	Assessment of cardiac involvement in sarcoidosis by echocardiography. <i>Rheumatology International</i> , 2009, 29, 1051-1055.	3.0	11
51	The right ventricle in "Left-sided" cardiomyopathies: The dark side of the moon. <i>Trends in Cardiovascular Medicine</i> , 2021, 31, 476-484.	4.9	11
52	Speckle tracking echocardiography in primary mitral regurgitation: should we reconsider the time for intervention?. <i>Heart Failure Reviews</i> , 2022, 27, 1247-1260.	3.9	11
53	Biomarkers in Patients with Left Ventricular Assist Device: An Insight on Current Evidence. <i>Biomolecules</i> , 2022, 12, 334.	4.0	10
54	Speckle tracking stress echocardiography: A valuable diagnostic technique or a burden for everyday practice?. <i>Echocardiography</i> , 2020, 37, 2123-2129.	0.9	9

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55	Appropriate use criteria for cardiovascular MRI: SIC – SIRM position paper Part 2 (myocarditis), Tj ETQq1 1 0.784314 rgBT /Overlock 2021, 22, 515-529.	1.5	9
56	Clinical, echocardiographic and hemodynamic predictors of right heart failure after LVAD placement. International Journal of Cardiovascular Imaging, 2022, 38, 561-570.	1.5	9
57	Recovery from cardiomyopathy after abstinence from cocaine. Lancet, The, 2007, 369, 1574.	13.7	8
58	Two-dimensional and three-dimensional left ventricular deformation analysis: a study in competitive athletes. International Journal of Cardiovascular Imaging, 2016, 32, 1697-1705.	1.5	8
59	Left ventricular twist in clinically stable heart transplantation recipients: A speckle tracking echocardiography study. International Journal of Cardiology, 2013, 168, 357-361.	1.7	7
60	P-wave morphology is unaffected by training-induced biatrial dilatation: a prospective, longitudinal study in healthy athletes. International Journal of Cardiovascular Imaging, 2016, 32, 407-415.	1.5	7
61	Mitral regurgitation severity correlates with symptoms and extent of left atrial dysfunction: Effect of mitral valve repair. Journal of Clinical Ultrasound, 2018, 46, 32-40.	0.8	7
62	The role of non-invasive imaging modalities in cardiac allograft vasculopathy: an updated focus on current evidences. Heart Failure Reviews, 2022, 27, 1235-1246.	3.9	7
63	Detection of cardiac allograft vasculopathy by multi-layer left ventricular longitudinal strain in heart transplant recipients. International Journal of Cardiovascular Imaging, 2021, 37, 1621-1628.	1.5	6
64	Two and Three-Dimensional Echocardiography in Primary Mitral Regurgitation: Practical Hints to Optimize the Surgical Planning. Frontiers in Cardiovascular Medicine, 2021, 8, 706165.	2.4	6
65	Case Report: Two Case Reports of Acute Myopericarditis After mRNA COVID-19 Vaccine. Frontiers in Cardiovascular Medicine, 2022, 9, 827237.	2.4	6
66	New echocardiographic indices of shift to biventricular failure to optimize risk stratification of chronic heart failure. ESC Heart Failure, 2022, 9, 476-485.	3.1	6
67	Beneficial effect of post-procedural abciximab in patients undergoing primary coronary angioplasty and presenting with the no-reflow phenomenon. Acute Cardiac Care, 2008, 10, 100-103.	0.2	5
68	Hydrogen Peroxide Mediates Endothelium-Dependent Dilation of Coronary Arterioles in Obese Rats on a Low-Carbohydrate Diet. Microcirculation, 2013, 20, 599-608.	1.8	5
69	Assessment of left ventricular diastolic events interrelations: An integrated approach. International Journal of Cardiology, 2010, 145, 426-431.	1.7	4
70	The role of cardiac computed tomography in sports cardiology: back to the future!. European Heart Journal Cardiovascular Imaging, 2022, 23, e481-e493.	1.2	4
71	Left atrial strain in cardiovascular diseases : An overview of clinical applications. Cardiologia Hungarica, 2021, 51, 11-17.	0.1	3
72	Cardiac magnetic resonance for prophylactic implantable-cardioverter defibrillator therapy international study: prognostic value of cardiac magnetic resonance-derived right ventricular parameters substudy. European Heart Journal Cardiovascular Imaging, 2023, 24, 472-482.	1.2	3

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73	Usefulness of a multiparametric evaluation including global longitudinal strain for an early diagnosis of acute myocarditis. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 3203-3211.	1.5	2
74	Right-sided heart failure in carcinoid syndrome. <i>International Journal of Cardiology</i> , 2007, 114, E79-E80.	1.7	1
75	Left atrial fibrosis: an essential hallmark in chronic mitral regurgitation. <i>Revista Romana De Cardiologie</i> , 2021, 31, 36-45.	0.1	1
76	The determinants of positivization of anterior T-wave inversion in children. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 1548-1554.	0.7	1
77	403â€¢Acute myopericarditis after mRNA COVID-19 vaccine. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.1	1
78	Early cardiac remodeling after repair of sinus venosus atrial septal defect. <i>International Journal of Cardiology</i> , 2008, 127, e76-e77.	1.7	0
79	TNFâ€¢alpha Produces Endothelial Dysfunction in Diabetes. <i>FASEB Journal</i> , 2006, 20, A297.	0.5	0
80	48â€¢Correlation of left ventricular myocardial work indices and invasive measurement of stroke work. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.1	0
81	270â€¢Prediction of congestive state and prognosis in acute and chronic heart failure: the association between NT-proBNP and left atrial strain. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.1	0
82	70â€¢Estimation of pulmonary arterial pressures by tricuspid regurgitation: a comparison with invasive data. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.1	0