Marco Paterni

List of Publications by Year
in descending order

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74	1,820	218677	302126
papers	citations	26 h-index	39 g-index

76	76	76	1849
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feasibility and value of two-dimensional volumetric stress echocardiography. Minerva Cardiology and Angiology, 2022, 70, .	0.7	2
2	Monitoring Light Pollution with an Unmanned Aerial Vehicle: A Case Study Comparing RGB Images and Night Ground Brightness. Remote Sensing, 2022, 14, 2052.	4.0	7
3	Feasibility and functional correlates of left atrial volume changes during stress echocardiography in chronic coronary syndromes. International Journal of Cardiovascular Imaging, 2021, 37, 953-964.	1.5	9
4	Drones for litter mapping: An inter-operator concordance test in marking beached items on aerial images. Marine Pollution Bulletin, 2021, 169, 112542.	5.0	33
5	Citizen Science for Marine Litter Detection and Classification on Unmanned Aerial Vehicle Images. Water (Switzerland), 2021, 13, 3349.	2.7	33
6	Normal basic 2D echocardiographic values to screen and follow up the athlete's heart from juniors to adults: What is known and what is missing. A critical review. European Journal of Preventive Cardiology, 2020, 27, 1294-1306.	1.8	9
7	Lung Ultrasound and Pulmonary Congestion During Stress Echocardiography. JACC: Cardiovascular Imaging, 2020, 13, 2085-2095.	5.3	53
8	A New Beach Topography-Based Method for Shoreline Identification. Water (Switzerland), 2020, 12, 3110.	2.7	8
9	Unmanned Aerial Vehicles for Debris Survey in Coastal Areas: Long-Term Monitoring Programme to Study Spatial and Temporal Accumulation of the Dynamics of Beached Marine Litter. Remote Sensing, 2020, 12, 1260.	4.0	58
10	Functional, Anatomical, and Prognostic Correlates of Coronary Flow Velocity Reserve During Stress Echocardiography. Journal of the American College of Cardiology, 2019, 74, 2278-2291.	2.8	73
11	Three-Dimensional Echocardiography Derived Nomograms for Left Ventricular Volumes in Healthy Caucasian Italian Children. Journal of the American Society of Echocardiography, 2019, 32, 794-797.e1.	2.8	8
12	Nomograms of pulsed Doppler velocities, times, and velocity time integrals for semilunar valves and great arteries in healthy Caucasian children. International Journal of Cardiology, 2019, 285, 133-139.	1.7	1
13	Quality control of B-lines analysis in stress Echo 2020. Cardiovascular Ultrasound, 2018, 16, 20.	1.6	11
14	Limitations of Current Fetal Echocardiography Nomograms for 2D Measures: A Critical Overview and Analysis for Future Research. Journal of the American Society of Echocardiography, 2018, 31, 1368-1372.e10.	2.8	2
15	Pediatric echocardiographic nomograms: What has been done and what still needs to be done. Trends in Cardiovascular Medicine, 2017, 27, 336-349.	4.9	42
16	Stress echo 2020: the international stress echo study in ischemic and non-ischemic heart disease. Cardiovascular Ultrasound, 2017, 15, 3.	1.6	82
17	Quality control of regional wall motion analysis in stress Echo 2020. International Journal of Cardiology, 2017, 249, 479-485.	1.7	31
18	B-lines with Lung Ultrasound: The Optimal Scan Technique atÂRest and During Stress. Ultrasound in Medicine and Biology, 2017, 43, 2558-2566.	1.5	50

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19	Stress echocardiography with smartphone: real-time remote reading for regional wall motion. International Journal of Cardiovascular Imaging, 2017, 33, 1731-1736.	1.5	10
20	Adult echocardiographic nomograms: overview, critical review and creation of a software for automatic, fast and easy calculation of normal values. Journal of Thoracic Disease, 2017, 9, 5404-5422.	1.4	4
21	The Effects of Vaccinium myrtillus Extract on Hamster Pial Microcirculation during Hypoperfusion-Reperfusion Injury. PLoS ONE, 2016, 11, e0150659.	2.5	7
22	Ultrasound Tissue Characterization of Vulnerable Atherosclerotic Plaque. International Journal of Molecular Sciences, 2015, 16, 10121-10133.	4.1	51
23	Glucose-Related Arterial Stiffness and Carotid Artery Remodeling: A Study in Normal Subjects and Type 2 Diabetes Patients. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2362-E2366.	3.6	21
24	A computer-aided diagnosis approach for emphysema recognition in chest radiography. Medical Engineering and Physics, 2013, 35, 63-73.	1.7	33
25	Long-Term Remodeling of Rat Pial Microcirculation after Transient Middle Cerebral Artery Occlusion and Reperfusion. Journal of Vascular Research, 2013, 50, 332-345.	1.4	8
26	Pial microvascular responses induced by transient bilateral common carotid artery occlusion in Zucker rats. Clinical Hemorheology and Microcirculation, 2013, 54, 415-429.	1.7	6
27	A novel tool for user-friendly estimation of natural, diagnostic and professional radiation risk: Radio-Risk software. European Journal of Radiology, 2012, 81, 3563-3567.	2.6	10
28	Protective effects of quercetin on rat pial microvascular changes during transient bilateral common carotid artery occlusion and reperfusion. Frontiers in Physiology, 2012, 3, 32.	2.8	25
29	Rat Pial Microvascular Responses to Transient Bilateral Common Carotid Artery Occlusion and Reperfusion: Quercetinâ€™s Mechanism of Action. Frontiers in Physiology, 2012, 3, 99.	2.8	20
30	Computer-aided recognition of emphysema on digital chest radiography. European Journal of Radiology, 2011, 80, e169-e175.	2.6	10
31	Results of Vardenafil Mediated Power Doppler Ultrasound, Contrast Enhanced Ultrasound and Systematic Random Biopsies to Detect Prostate Cancer. Journal of Urology, 2011, 185, 2126-2131.	0.4	27
32	Rat pial microvascular responses to melatonin during bilateral common carotid artery occlusion and reperfusion. Journal of Pineal Research, 2011, 51, 136-144.	7.4	14
33	Body Composition and Common Carotid Artery Remodeling in a Healthy Population. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3325-3332.	3.6	43
34	Habitual Physical Activity and Vascular Aging in a Young to Middle-Age Population at Low Cardiovascular Risk. Stroke, 2007, 38, 2549-2555.	2.0	47
35	Epicardial Coronary Artery Size in Hypertensive and Physiologic Left Ventricular Hypertrophy. American Journal of Hypertension, 2007, 20, 279-284.	2.0	15
36	Computer-aided diagnosis of emphysema in COPD patients: Neural-network-based analysis of lung shape in digital chest radiographs. Medical Engineering and Physics, 2007, 29, 76-86.	1.7	32

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37	Protective Effects of Insulin during Ischemia-Reperfusion Injury in Hamster Cheek Pouch Microcirculation. Journal of Vascular Research, 2005, 42, 55-66.	1.4	19
38	Real time contour tracking with a new edge detector. Real Time Imaging, 2004, 10, 103-116.	1.6	14
39	Early impairment of myocardial blood flow reserve in men with essential hypertension: A quantitative myocardial contrast echocardiography study. Journal of the American Society of Echocardiography, 2004, 17, 1037-1043.	2.8	10
40	Coronary microcirculation into different models of left ventricular hypertrophyâ€"hypertensive and athlete's heart: a contrast echocardiographic study. Journal of Human Hypertension, 2003, 17, 253-263.	2.2	11
41	In vivo noninvasive identification of cell composition of intimal lesions: a combined approach with ultrasonography and immunocytochemistry. Journal of Vascular Surgery, 2003, 38, 1390-1395.	1.1	18
42	Coronary Microcirculation in Essential Hypertension: A Quantitative Myocardial Contrast Echocardiographic Approach. European Journal of Echocardiography, 2002, 3, 117-127.	2.3	14
43	Myocardial Perfusion Response to Dipyridamole in Hypertensive Left Ventricular Hypertrophy: A Human Study Using Myocardial Contrast Echocardiography. Microvascular Research, 2002, 64, 482-485.	2.5	1
44	The role of quantitative myocardial contrast echocardiography in the study of coronary microcirculation in athlete's heart. Journal of the American Society of Echocardiography, 2002, 15, 678-685.	2.8	3
45	¹¹¹ In Platelet Scintigraphy for the Noninvasive Detection of Carotid Plaque Thrombosis. Stroke, 2001, 32, 719-727.	2.0	27
46	Stress-induced changes in subendocardial tissue texture in hypertrophic cardiomyopathy: an echocardiographic videodensitometric study. International Journal of Cardiovascular Imaging, 2001, 17, 245-252.	0.6	2
47	Microalbuminuria, Pulse Pressure, Left Ventricular Hypertrophy, and Myocardial Ultrasonic Tissue Characterization In Essential Hypertension. Angiology, 2001, 52, 175-183.	1.8	11
48	The potential prognostic value of ultrasonic characterization (videodensitometry) of myocardial tissue in essential arterial hypertension. Coronary Artery Disease, 2000, 11, 513-521.	0.7	7
49	The First Absolute Central Moment in Low-Level Image Processing. Computer Vision and Image Understanding, 2000, 80, 57-87.	4.7	45
50	Ultrasonic myocardial textural parameters and midwall left ventricular mechanics in essential arterial hypertension. Journal of Human Hypertension, 2000, 14, 9-16.	2.2	8
51	Ultrasonic myocardial textural analysis in subclinical hypothyroidism. Journal of the American Society of Echocardiography, 2000, 13, 832-840.	2.8	56
52	Ultrasonic Myocardial Texture Versus Doppler Analysis in Hypertensive Heart. Hypertension, 1999, 33, 66-73.	2.7	19
53	Can insulin action induce myocardial texture alterations in essential hypertension?. American Journal of Hypertension, 1999, 12, 283-290.	2.0	4
54	Ultrasonic videodensitometric analysis of myocardium in end-stage renal disease treated with haemodialysis. Nephrology Dialysis Transplantation, 1999, 14, 2184-2191.	0.7	8

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55	Ultrasonic videodensitometric analysis in scleroderma heart disease. Coronary Artery Disease, 1999, 10, 103-115.	0.7	10
56	Effects of anabolic-androgenic steroids on weight-lifters' myocardium: an ultrasonic videodensitometric study. Medicine and Science in Sports and Exercise, 1999, 31, 514-521.	0.4	44
57	Ultrasonic Myocardial Texture in Hypertensive Mild-to-Moderate Left Ventricular Hypertrophy A Videodensitometric Study. American Journal of Hypertension, 1998, 11, 155-164.	2.0	24
58	Increased myocardial ultrasonic reflectivity is associated with extreme hypertensive left ventricular hypertrophyA tissue characterization study in humans. American Journal of Hypertension, 1998, 11, 1442-1449.	2.0	19
59	Detection of Perfusion Defects During Coronary Occlusion and Myocardial Reperfusion After Thrombolysis by Intravenous Administration of the Echo-Enhancing Agent BR1. Journal of the American Society of Echocardiography, 1998, 11, 169-180.	2.8	32
60	Increased myocardial echo density in left ventricular pressure and volume overload in human aortic valvular disease: an ultrasonic tissue characterization study. Journal of the American Society of Echocardiography, 1997, 10, 320-329.	2.8	16
61	Ultrasonic Videodensitometric Analysis of Two Different Models of Left Ventricular Hypertrophy. Hypertension, 1997, 29, 937-944.	2.7	41
62	The clinical value of blunting of cyclic gray level variation for the detection of acute cardiac rejection: A two-dimensional, Doppler, and videodensitometric ultrasound study. Journal of the American Society of Echocardiography, 1996, 9, 306-313.	2.8	8
63	Ultrasonic videodensitometric analysis in type 1 diabetic myocardium. Coronary Artery Disease, 1996, 7, 895-902.	0.7	15
64	A videodensitometric study of transmural heterogeneity of cyclic echo amplitude variation in human myocardium. American Journal of Cardiology, 1996, 78, 212-216.	1.6	13
65	Quantitative Texture Analysis in Twoâ€Dimensional Echocardiography. Echocardiography, 1996, 13, 9-20.	0.9	5
66	Cyclic variation in myocardial gray level as a marker of viability in man: A videodensitometric study. European Heart Journal, 1996, 17, 472-479.	2.2	34
67	In Vivo Ultrasonic Parametric Imaging of Carotid Atherosclerotic Plaque by Videodensitometric Technique. Angiology, 1995, 46, 663-672.	1.8	41
68	Increased echodensity of myocardial wall in the diabetic heart: An ultrasound tissue characterization study. Journal of the American College of Cardiology, 1995, 25, 1408-1415.	2.8	108
69	Dobutamine stress: Effects on regional myocardial blood flow and wall motion. Journal of the American College of Cardiology, 1995, 26, 1187-1195.	2.8	49
70	938-58 Cyclic Variation in Myocardial Grey Level as a Marker of Viability in Man â€" a Videodensitometric Study. Journal of the American College of Cardiology, 1995, 25, 161A-162A.	2.8	0
71	Cardiac cycle-dependent gray-level variation is not distorted by abnormal septal motion after cardiac surgery: A transesophageal videodensitometric study in humans. Journal of the American Society of Echocardiography, 1995, 8, 475-481.	2.8	7
72	Acute myocardial gray level intensity changes detected by transesophageal echocardiography during intraoperative ischemia. American Journal of Cardiology, 1993, 72, 465-469.	1.6	16

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73	Increased echodensity of transiently asynergic myocardium in humans: A novel echocardiographic sign of myocardial ischemia. Journal of the American College of Cardiology, 1993, 21, 199-207.	2.8	66
74	In vivo radiofrequency-based ultrasonic tissue characterization of the atherosclerotic plaque.. Stroke, 1993, 24, 1507-1512.	2.0	100