

Ivan Corazza

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Olea europea L. Leaves and Hibiscus sabdariffa L. Petals Extracts: Herbal Mix from Cardiovascular Network Target to Gut Motility Dysfunction Application. <i>Nutrients</i> , 2022, 14, 463.	1.7	5
2	The function of specialized pro-resolving endogenous lipid mediators, vitamins, and other micronutrients in the control of the inflammatory processes: Possible role in patients with SARS-CoV-2 related infection. <i>Prostaglandins and Other Lipid Mediators</i> , 2022, 159, 106619.	1.0	16
3	Polyphenols from Olive-Mill Wastewater and Biological Activity: Focus on Irritable Bowel Syndrome. <i>Nutrients</i> , 2022, 14, 1264.	1.7	2
4	TEST OF PHYSIOLOGICAL PERFORMANCE: RATIONALE AND FEASIBILITY. <i>Journal of Mechanics in Medicine and Biology</i> , 2022, 22, .	0.3	0
5	Technologies for Hemodynamic Measurements: Past, Present and Future. , 2022, , 515-566.		2
6	The rationale for a multi-step therapeutic approach based on antivirals, drugs and nutrients with immunomodulatory activity in patients with coronavirus-SARS2-induced disease of different severities. <i>British Journal of Nutrition</i> , 2021, 125, 275-293.	1.2	12
7	Lubeluzole: from anti-ischemic drug to preclinical antidiarrheal studies. <i>Pharmacological Reports</i> , 2021, 73, 172-184.	1.5	6
8	Paradoxical relationship between proton pump inhibitors and COVID-19: A systematic review and meta-analysis. <i>World Journal of Clinical Cases</i> , 2021, 9, 2763-2777.	0.3	11
9	SARS-CoV-2: lessons from both the history of medicine and from the biological behavior of other well-known viruses. <i>Future Microbiology</i> , 2021, 16, 1105-1133.	1.0	11
10	COVID-19, what could sepsis, severe acute pancreatitis, gender differences, and aging teach us?. <i>Cytokine</i> , 2021, 148, 155628.	1.4	12
11	Evaluation of low gradient severe aortic stenosis: should we change our outlook in the analysis of clinical data?. <i>Open Heart</i> , 2021, 8, e001746.	0.9	2
12	Automated CO2 angiography: Injection pressure and volume settings. <i>Medical Engineering and Physics</i> , 2020, 80, 65-71.	0.8	3
13	Cytokine storm in aged people with CoV-2: possible role of vitamins as therapy or preventive strategy. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 2115-2131.	1.4	50
14	Thymus vulgaris L. Essential Oil Solid Formulation: Chemical Profile and Spasmolytic and Antimicrobial Effects. <i>Biomolecules</i> , 2020, 10, 860.	1.8	26
15	Dry Eye Disease and Tear Cytokine Levels—A Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3111.	1.8	69
16	Radiological aspects of CO2 peripheral DSA: Preliminary analysis on the dedicated protocols. <i>Indian Journal of Radiology and Imaging</i> , 2020, 30, 372.	0.3	1
17	Wireless Endocardial Atrial (and Ventricular) Sensing with no Implanted Power Source: a Proposal. <i>Journal of Medical Systems</i> , 2019, 43, 159.	2.2	3
18	The MIDA Mortality Risk Score: development and external validation of a prognostic model for early and late death in degenerative mitral regurgitation. <i>European Heart Journal</i> , 2018, 39, 1281-1291.	1.0	54

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19	Carbon dioxide coronary angiography: A mechanical feasibility study with a cardiovascular simulator. AIP Advances, 2018, 8, .	0.6	5
20	Characterization of Vessel Deformations During EVAR: A Preliminary Retrospective Analysis to Improve Fidelity of Endovascular Simulators. Journal of Surgical Education, 2018, 75, 1096-1105.	1.2	5
21	A Novel Sensorized Heart Valve Prosthesis: Preliminary In Vitro Evaluation. Sensors, 2018, 18, 3905.	2.1	11
22	Movement compensation during carbon dioxide coronary angiography: In-vitro validation. AIP Advances, 2018, 8, 095005.	0.6	0
23	Liver and intestinal protective effects of Castanea sativa Mill. bark extract in high-fat diet rats. PLoS ONE, 2018, 13, e0201540.	1.1	14
24	How to transform a fixed stroke alternating syringe ventricle into an adjustable elastance ventricle. Review of Scientific Instruments, 2018, 89, 074301.	0.6	3
25	A simple and innovative way to measure ventricular volume in a mechanical mock of the left ventricle. Biomedical Signal Processing and Control, 2017, 33, 255-260.	3.5	2
26	Newer Insights into the Antidiarrheal Effects of <i>Acacia catechu</i> Willd. Extract in Guinea Pig. Journal of Medicinal Food, 2017, 20, 592-600.	0.8	14
27	SacLab: A toolbox for saccade analysis to increase usability of eye tracking systems in clinical ophthalmology practice. Computers in Biology and Medicine, 2017, 80, 45-55.	3.9	11
28	Wavelet analysis of the Valsalva maneuver: Methodology validation and application to pathological subjects. Biomedical Signal Processing and Control, 2017, 35, 79-86.	3.5	0
29	A Portable Optical Recording Device Simulating CO2 Angiography for Training Purposes. Journal of Medical Systems, 2017, 41, 113.	2.2	1
30	In vitro activity of Spirulina platensis water extract against different Candida species isolated from vulvo-vaginal candidiasis cases. PLoS ONE, 2017, 12, e0188567.	1.1	15
31	Autonomic Nervous System: Clinical Testing \hat{t} . , 2017, , .		1
32	Cold pressor test using strain-gauge plethysmography. American Journal of Physiology - Advances in Physiology Education, 2016, 40, 410-417.	0.8	12
33	Understanding the basic concepts of CO2 angiography. Journal of Applied Physics, 2016, 120, .	1.1	5
34	Beat-to-beat variability of P-wave in patients suffering from atrial fibrillation. , 2016, 2016, 770-773.		2
35	From Autonomic Nervous System Evaluation to a Novel Paradigm for Scientific Research, Clinical Practice and Economic Development. Journal of Medical Systems, 2016, 40, 208.	2.2	0
36	P-wave Variability and Atrial Fibrillation. Scientific Reports, 2016, 6, 26799.	1.6	34

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37	<i>Hibiscus Sabdariffa</i> L. Flowers and <i>Olea Europea</i> L. Leaves Extract-Based Formulation for Hypertension Care: <i>In Vitro</i> Efficacy and Toxicological Profile. Journal of Medicinal Food, 2016, 19, 504-512.	0.8	18
38	ELECTROLOC: A SIMPLE, FAST AND ACCURATE SYSTEM FOR LOCALIZATION OF ENDOCARDIAL CATHETERS. Journal of Mechanics in Medicine and Biology, 2015, 15, 1550062.	0.3	0
39	A medical instrumentation laboratory dedicated to cardiovascular nurse training. Nurse Education Today, 2015, 35, e26-e30.	1.4	0
40	A RAPID AND AUTOMATED METHOD TO DETERMINE APPROPRIATE EXERCISE PARAMETERS FOR TAILORED SUBSTRATE CONSUMPTION DURING AEROBIC EXERCISE. Journal of Mechanics in Medicine and Biology, 2015, 15, 1540038.	0.3	0
41	CARBON DIOXIDE ANGIOGRAPHY: SIMULATION OF OPERATIVE CONDITIONS FOR DIAGNOSTIC IMAGE OPTIMIZATION. Journal of Mechanics in Medicine and Biology, 2015, 15, 1540023.	0.3	4
42	NUMERICAL MODELS, <i>IN VITRO</i> SIMULATION AND FIRST PROTOTYPE VERIFICATION OF A CONTROLLED CEREBRAL COOLING NECK COLLAR. Journal of Mechanics in Medicine and Biology, 2015, 15, 1540031.	0.3	0
43	Effect of intermediate ZrO ₂ -CaO coatings deposited by cold thermal spraying on the titanium-porcelain bond in dental restorations. Journal of Prosthetic Dentistry, 2014, 112, 1201-1211.	1.1	11
44	A new integrated instrumental approach to autonomic nervous system assessment. Computer Methods and Programs in Biomedicine, 2014, 117, 267-276.	2.6	32
45	Passive aortic counterpulsation: Biomechanical rationale and bench validation. Journal of Biomechanics, 2014, 47, 1618-1625.	0.9	6
46	REHALÂ®, a telemedicine platform for home cardiac rehabilitation. Minerva Cardioangiologica, 2014, 62, 399-405.	1.2	3
47	Mechanical aspects of CO ₂ angiography. Physica Medica, 2013, 29, 33-38.	0.4	13
48	PASSIVE COUNTERPULSATION: BIOMECHANICAL RATIONALE AND CLINICAL VALIDATION. Journal of Mechanics in Medicine and Biology, 2013, 13, 1340004.	0.3	2
49	BIOMECHANICAL APPROACH TO THE CLINICAL TREATMENT OF PULMONARY ARTERIAL HYPERTENSION. Journal of Mechanics in Medicine and Biology, 2013, 13, 1340005.	0.3	3
50	On the resolution of ECG acquisition systems for the reliable analysis of the P-wave. Physiological Measurement, 2012, 33, N11-N17.	1.2	10
51	Physiologic autonomic arousal heralds motor manifestations of seizures in nocturnal frontal lobe epilepsy: Implications for pathophysiology. Sleep Medicine, 2012, 13, 252-262.	0.8	49
52	Changes in exercise capacity induced by heart transplantation: prognostic and therapeutic implications. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, 519-525.	1.3	8
53	Medical staff radiation exposure in electrophysiology procedures: First results during biventricular ICD implantation. Radiation Measurements, 2011, 46, 1228-1230.	0.7	2
54	PARABOLIC FITTING OF ISOTONIC POWER-ANGLE CURVES TO EVALUATE MOTOR DEFICITS IN PATIENTS SUBMITTED TO ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION. Journal of Mechanics in Medicine and Biology, 2010, 10, 531-538.	0.3	1

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55	P-wave characteristics after electrical external cardioversion: Predictive indexes of relapse. , 2010, 2010, 3442-5.		1
56	Decrease in Patient Radiation Exposure by a Tantalum Filter during Electrophysiological Procedures. PACE - Pacing and Clinical Electrophysiology, 2009, 32, S109-S112.	0.5	3
57	Mechanical simulator of the cardiovascular system. Physica Medica, 2009, 25, 94-100.	0.4	40
58	Can ankle imbalance be a risk factor for tensor fascia lata muscle weakness?. Journal of Electromyography and Kinesiology, 2009, 19, 651-659.	0.7	9
59	Effect of high-pass filtering on ECG signal on the analysis of patients prone to atrial fibrillation. Annali Dell'Istituto Superiore Di Sanita, 2009, 45, 427-31.	0.2	13
60	Time-Domain Analysis of the ECG P-Wave after External Cardioversion for Persistent Atrial Fibrillation. IFMBE Proceedings, 2009, , 271-272.	0.2	0
61	Ventricular dyssynchrony at echo: Detection by two-dimensional tracking and tissue doppler imaging in candidates to biventricular pacing. , 2008, , .		3
62	AORTOVENTRICULAR MECHANICAL MATCHING: SIMULATION OF NORMAL AND PATHOLOGICAL CONDITIONS. Journal of Mechanics in Medicine and Biology, 2008, 08, 109-120.	0.3	8
63	Reproducibility of IVUS measurements in heart transplant recipients: Increased quality of data by using dedicated software for image analysis. , 2008, , .		2
64	Multi-functional device for cardiologic telemedicine and diagnostic holter. , 2008, , .		3
65	Left ventricular resynchronization in H.F.: Comparison of alternative optimization methods. , 2008, , .		0
66	Effect of ECG filtering on time domain analysis of the P-wave. , 2008, , .		1
67	Is “silent ischemia” detectable by endocardial pacemaker leads?. , 2008, , .		0
68	Clinical monitoring of the Tilt-Test: Task Force Monitor (TFM) and Heart Rate Variability (HRV). , 2008, , .		0
69	A mechanical device for aortic compliance modulation: In vitro simulation of aortic dissection treatment. Journal of Biomechanics, 2007, 40, 3089-3095.	0.9	10
70	Endoscopic fetal surgery:in vitro thermic effect of electrosurgical units. Prenatal Diagnosis, 2007, 27, 170-173.	1.1	0
71	Performance monitoring during isotonic leg training and analysis of movement. Sport Sciences for Health, 2007, 2, 55-57.	0.4	1
72	Measurement of oxygen uptake: Validation of a "œmask-free" method. Physica Medica, 2007, 23, 41-47.	0.4	2

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73	The Arterial Pressure Auscultatory Method. High Blood Pressure and Cardiovascular Prevention, 2006, 13, 179-183.	1.0	1
74	EVALUATING THE MECHANICAL BEHAVIOR OF A VENTRICULAR SIMULATOR. Journal of Mechanics in Medicine and Biology, 2005, 05, 369-373.	0.3	6
75	SIMULTANEOUS ACQUISITION OF SIGNALS AND IMAGES: APPLICATIONS IN SPORTS MEDICINE AND NEUROLOGY. Journal of Mechanics in Medicine and Biology, 2005, 05, 485-490.	0.3	0
76	EVALUATION OF THE MAXIMAL THEORETICAL FORCE EXERTED BY THE LEGS, WITH AN ISOTONIC LEG EXTENSION MACHINE. Journal of Mechanics in Medicine and Biology, 2005, 05, 549-554.	0.3	2
77	THE BIOMECHANICAL BEHAVIOR OF SPHINCTERS: HOW THE THEORY AND THE PRACTICE MISMATCH. Journal of Mechanics in Medicine and Biology, 2005, 05, 477-484.	0.3	2
78	P wave dispersion and short-term vs. late atrial fibrillation recurrences after cardioversion. International Journal of Cardiology, 2005, 101, 355-361.	0.8	54
79	Efficacy of internal cardioversion for chronic atrial fibrillation in patients with and without left ventricular dysfunction. International Journal of Cardiology, 2004, 95, 43-47.	0.8	10
80	Cardiac resynchronization by pacing: an electrical treatment of heart failure. International Journal of Cardiology, 2004, 94, 151-161.	0.8	40
81	Increase in QT/QTc dispersion after low energy cardioversion of chronic persistent atrial fibrillation. International Journal of Cardiology, 2004, 95, 245-250.	0.8	9
82	AN INSTRUMENT TO MEASURE VELOCITY PROFILE BY MEANS OF ULTRASOUND TECHNIQUES. Journal of Mechanics in Medicine and Biology, 2003, 03, 21-30.	0.3	2
83	FRANK STARLING MECHANISM ON ALTERNATING PUMP VENTRICULAR MODELS. Journal of Mechanics in Medicine and Biology, 2002, 02, 177-184.	0.3	6
84	Atrial Signal Analysis and Defibrillation Threshold Assessment in Chronic Persistent and Reinduced Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2002, 13, 449-454.	0.8	9
85	Chemical Features and Biological Effects of Astaxanthin Extracted from Haematococcus pluvialis Flotow: Focus on Gastrointestinal System. , 0, , .		3