# Ivan Corazza

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8175937/publications.pdf

Version: 2024-02-01

| 85 | 822 | 686830 | 580395 |
|---|---|---|---|
| papers | citations | 13 h-index | 25 g-index |

| 87 | 87 | 87 | 1107 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dry Eye Disease and Tear Cytokine Levelsâ€"A Meta-Analysis. International Journal of Molecular Sciences, 2020, 21, 3111. | 1.8 | 69 |
| 2 | P wave dispersion and short-term vs. late atrial fibrillation recurrences after cardioversion. International Journal of Cardiology, 2005, 101, 355-361. | 0.8 | 54 |
| 3 | The MIDA Mortality Risk Score: development and external validation of a prognostic model for early and late death in degenerative mitral regurgitation. European Heart Journal, 2018, 39, 1281-1291. | 1.0 | 54 |
| 4 | Cytokine storm in aged people with CoV-2: possible role of vitamins as therapy or preventive strategy. Aging Clinical and Experimental Research, 2020, 32, 2115-2131. | 1.4 | 50 |
| 5 | 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 |
| 6 | Cardiac resynchronization by pacing: an electrical treatment of heart failure. International Journal of Cardiology, 2004, 94, 151-161. | 0.8 | 40 |
| 7 | Mechanical simulator of the cardiovascular system. Physica Medica, 2009, 25, 94-100. | 0.4 | 40 |
| 8 | P-wave Variability and Atrial Fibrillation. Scientific Reports, 2016, 6, 26799. | 1.6 | 34 |
| 9 | A new integrated instrumental approach to autonomic nervous system assessment. Computer Methods and Programs in Biomedicine, 2014, 117, 267-276. | 2.6 | 32 |
| 10 | Thymus vulgaris L. Essential Oil Solid Formulation: Chemical Profile and Spasmolytic and Antimicrobial Effects. Biomolecules, 2020, 10, 860. | 1.8 | 26 |
| 11 | Hibiscus Sabdariffa L. Flowers and Olea Europea L. Leaves Extract-Based Formulation for Hypertension Care: In Vitro Efficacy and Toxicological Profile. Journal of Medicinal Food, 2016, 19, 504-512. | 0.8 | 18 |
| 12 | 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. Prostaglandins and Other Lipid Mediators, 2022, 159, 106619. | 1.0 | 16 |
| 13 | 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 |
| 14 | Newer Insights into the Antidiarrheal Effects of Acacia catechu Willd. Extract in Guinea Pig. Journal of Medicinal Food, 2017, 20, 592-600. | 0.8 | 14 |
| 15 | Liver and intestinal protective effects of Castanea sativa Mill. bark extract in high-fat diet rats. PLoS ONE, 2018, 13, e0201540. | 1.1 | 14 |
| 16 | Mechanical aspects of CO2 angiography. Physica Medica, 2013, 29, 33-38. | 0.4 | 13 |
| 17 | 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 |
| 18 | Cold pressor test using strain-gauge plethysmography. American Journal of Physiology - Advances in Physiology Education, 2016, 40, 410-417. | 0.8 | 12 |

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|---|---|---|---|
| 19 | 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. British Journal of Nutrition, 2021, 125, 275-293. | 1.2 | 12 |
| 20 | COVID-19, what could sepsis, severe acute pancreatitis, gender differences, and aging teach us?. Cytokine, 2021, 148, 155628. | 1.4 | 12 |
| 21 | Effect of intermediate ZrO2-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 |
| 22 | 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 |
| 23 | A Novel Sensorized Heart Valve Prosthesis: Preliminary In Vitro Evaluation. Sensors, 2018, 18, 3905. | 2.1 | 11 |
| 24 | Paradoxical relationship between proton pump inhibitors and COVID-19: A systematic review and meta-analysis. World Journal of Clinical Cases, 2021, 9, 2763-2777. | 0.3 | 11 |
| 25 | SARS-CoV-2: lessons from both the history of medicine and from the biological behavior of other well-known viruses. Future Microbiology, 2021, 16, 1105-1133. | 1.0 | 11 |
| 26 | 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 |
| 27 | A mechanical device for aortic compliance modulation: In vitro simulation of aortic dissection treatment. Journal of Biomechanics, 2007, 40, 3089-3095. | 0.9 | 10 |
| 28 | On the resolution of ECG acquisition systems for the reliable analysis of the P-wave. Physiological Measurement, 2012, 33, N11-N17. | 1.2 | 10 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | AORTOVENTRICULAR MECHANICAL MATCHING: SIMULATION OF NORMAL AND PATHOLOGICAL CONDITIONS. Journal of Mechanics in Medicine and Biology, 2008, 08, 109-120. | 0.3 | 8 |
| 33 | 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 |
| 34 | FRANK STARLING MECHANISM ON ALTERNATING PUMP VENTRICULAR MODELS. Journal of Mechanics in Medicine and Biology, 2002, 02, 177-184. | 0.3 | 6 |
| 35 | EVALUATING THE MECHANICAL BEHAVIOR OF A VENTRICULAR SIMULATOR. Journal of Mechanics in Medicine and Biology, 2005, 05, 369-373. | 0.3 | 6 |
| 36 | Passive aortic counterpulsation: Biomechanical rationale and bench validation. Journal of Biomechanics, 2014, 47, 1618-1625. | 0.9 | 6 |

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|---|---|---|---|
| 37 | Lubeluzole: from anti-ischemic drug to preclinical antidiarrheal studies. Pharmacological Reports, 2021, 73, 172-184. | 1.5 | 6 |
| 38 | Understanding the basic concepts of CO2 angiography. Journal of Applied Physics, 2016, 120, . | 1.1 | 5 |
| 39 | Carbon dioxide coronary angiography: A mechanical feasibility study with a cardiovascular simulator. AIP Advances, 2018, 8, . | 0.6 | 5 |
| 40 | 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 |
| 41 | Olea europea L. Leaves and Hibiscus sabdariffa L. Petals Extracts: Herbal Mix from Cardiovascular Network Target to Gut Motility Dysfunction Application. Nutrients, 2022, 14, 463. | 1.7 | 5 |
| 42 | CARBON DIOXIDE ANGIOGRAPHY: SIMULATION OF OPERATIVE CONDITIONS FOR DIAGNOSTIC IMAGE OPTIMIZATION. Journal of Mechanics in Medicine and Biology, 2015, 15, 1540023. | 0.3 | 4 |
| 43 | Ventricular dyssynchrony at echo: Detection by two-dimensional tracking and tissue doppler imaging in candidates to biventricular pacing. , 2008, , . | | 3 |
| 44 | Multi-functional device for cardiologic telemedicine and diagnostic holter. , 2008, , . | | 3 |
| 45 | Decrease in Patient Radiation Exposure by a Tantalum Filter during Electrophysiological Procedures. PACE - Pacing and Clinical Electrophysiology, 2009, 32, S109-S112. | 0.5 | 3 |
| 46 | BIOMECHANICAL APPROACH TO THE CLINICAL TREATMENT OF PULMONARY ARTERIAL HYPERTENSION. Journal of Mechanics in Medicine and Biology, 2013, 13, 1340005. | 0.3 | 3 |
| 47 | How to transform a fixed stroke alternating syringe ventricle into an adjustable elastance ventricle. Review of Scientific Instruments, 2018, 89, 074301. | 0.6 | 3 |
| 48 | Wireless Endocardial Atrial (and Ventricular) Sensing with no Implanted Power Source: a Proposal. Journal of Medical Systems, 2019, 43, 159. | 2.2 | 3 |
| 49 | Automated CO2 angiography: Injection pressure and volume settings. Medical Engineering and Physics, 2020, 80, 65-71. | 0.8 | 3 |
| 50 | REHALÂ®, a telemedicine platform for home cardiac rehabilitation. Minerva Cardioangiologica, 2014, 62, 399-405. | 1.2 | 3 |
| 51 | Chemical Features and Biological Effects of Astaxanthin Extracted from Haematococcus pluvialis Flotow: Focus on Gastrointestinal System. , 0, , . | | 3 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Measurement of oxygen uptake: Validation of a â€œmask-freeâ€•method. Physica Medica, 2007, 23, 41-47. | 0.4 | 2 |
| 56 | Reproducibility of IVUS measurements in heart transplant recipients: Increased quality of data by using dedicated software for image analysis. , 2008, , . | | 2 |
| 57 | Medical staff radiation exposure in electrophysiology procedures: First results during biventricular ICD implantation. Radiation Measurements, 2011, 46, 1228-1230. | 0.7 | 2 |
| 58 | PASSIVE COUNTERPULSATION: BIOMECHANICAL RATIONALE AND CLINICAL VALIDATION. Journal of Mechanics in Medicine and Biology, 2013, 13, 1340004. | 0.3 | 2 |
| 59 | Beat-to-beat variability of P-wave in patients suffering from atrial fibrillation. , 2016, 2016, 770-773. | | 2 |
| 60 | 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 |
| 61 | Evaluation of low gradient severe aortic stenosis: should we change our outlook in the analysis of clinical data?. Open Heart, 2021, 8, e001746. | 0.9 | 2 |
| 62 | Polyphenols from Olive-Mill Wastewater and Biological Activity: Focus on Irritable Bowel Syndrome. Nutrients, 2022, 14, 1264. | 1.7 | 2 |
| 63 | Technologies for Hemodynamic Measurements: Past, Present and Future. , 2022, , 515-566. | | 2 |
| 64 | The Arterial Pressure Auscultatory Method. High Blood Pressure and Cardiovascular Prevention, 2006, 13, 179-183. | 1.0 | 1 |
| 65 | Performance monitoring during isotonic leg training and analysis of movement. Sport Sciences for Health, 2007, 2, 55-57. | 0.4 | 1 |
| 66 | Effect of ECG filtering on time domain analysis of the P-wave. , 2008, , . | | 1 |
| 67 | 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 |
| 68 | P-wave characteristics after electrical external cardioversion: Predictive indexes of relapse. , 2010, 2010, 3442-5. | | 1 |
| 69 | A Portable Optical Recording Device Simulating CO2 Angiography for Training Purposes. Journal of Medical Systems, 2017, 41, 113. | 2.2 | 1 |
| 70 | Autonomic Nervous System: Clinical Testing â˜†. , 2017, , . | | 1 |
| 71 | Radiological aspects of CO2peripheral DSA: Preliminary analysis on the dedicated protocols. Indian Journal of Radiology and Imaging, 2020, 30, 372. | 0.3 | 1 |
| 72 | 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 |

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|---|---|---|---|
| 73 | Endoscopic fetal surgery:in vitro thermic effect of electrosurgical units. Prenatal Diagnosis, 2007, 27, 170-173. | 1.1 | 0 |
| 74 | Left ventricular resynchronization in H.F.: Comparison of alternative optimization methods. , 2008, , . | | 0 |
| 75 | Is “silent ischemia” detectable by endocardial pacemaker leads?. , 2008, , . | | 0 |
| 76 | Clinical monitoring of the Tilt-Test: Task Force Monitor (TFM) and Heart Rate Variability (HRV). , 2008, , . | | 0 |
| 77 | 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 |
| 78 | A medical instrumentation laboratory dedicated to cardiovascular nurse training. Nurse Education Today, 2015, 35, e26-e30. | 1.4 | 0 |
| 79 | 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 |
| 80 | NUMERICAL MODELS, IN VITRO 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | Movement compensation during carbon dioxide coronary angiography: In-vitro validation. AIP Advances, 2018, 8, 095005. | 0.6 | 0 |
| 84 | Time-Domain Analysis of the ECG P-Wave after External Cardioversion for Persistent Atrial Fibrillation. IFMBE Proceedings, 2009, , 271-272. | 0.2 | 0 |
| 85 | TEST OF PHYSIOLOGICAL PERFORMANCE: RATIONALE AND FEASIBILITY. Journal of Mechanics in Medicine and Biology, 2022, 22, . | 0.3 | 0 |