

Gian Domenico Pinna

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.

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|--------------------|-------------------------|----------------|-----------------|
| 173 papers | 7,665 citations | 46 h-index | 85 g-index |
| 215 ext. papers | 8,529 ext. citations | 4.5 avg, IF | 5.29 L-index |

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 173 | Computer-Assisted Assessment of the Interaction Between Arousals, Breath-by-Breath Ventilation, and Chemical Drive During Cheyne-Stokes Respiration in Heart Failure Patients.. <i>Frontiers in Physiology</i> , 2022 , 13, 815352 | 4.6 | |
| 172 | Interaction Between Arousals and Ventilation During Cheyne-Stokes Respiration in Heart Failure Patients: Insights From Breath-by-Breath Analysis.. <i>Frontiers in Medicine</i> , 2021 , 8, 742458 | 4.9 | 1 |
| 171 | Inflammation, pressure ulcers and poor functional status predict negative rehabilitation outcomes in postacute geriatric patients. <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 463-467 | 4.8 | 4 |
| 170 | CARDIAC chronotropic effects of sleep-disordered breathing in patients with heart failure. <i>Journal of Sleep Research</i> , 2021 , 30, e13160 | 5.8 | 0 |
| 169 | Lack of association between heart period variability asymmetry and respiratory sinus arrhythmia in healthy and chronic heart failure individuals. <i>PLoS ONE</i> , 2021 , 16, e0247145 | 3.7 | 1 |
| 168 | Efficacy of Osteopathic Manipulative Treatment on postural control in Parkinsonian patients with Pisa syndrome: A pilot randomized placebo-controlled trial. <i>NeuroRehabilitation</i> , 2020 , 46, 529-537 | 2 | 1 |
| 167 | Mini Nutritional Assessment May Identify a Dual Pattern of Perturbed Plasma Amino Acids in Patients with Alzheimer's Disease: A Window to Metabolic and Physical Rehabilitation?. <i>Nutrients</i> , 2020 , 12, | 6.7 | 4 |
| 166 | Early Initiation of Sacubitril/Valsartan in Patients with Chronic Heart Failure After Acute Decompensation: A Case Series Analysis. <i>Clinical Drug Investigation</i> , 2020 , 40, 493-501 | 3.2 | 10 |
| 165 | Upper Limb Interactive Weightless Technology-Aided Intervention and Assessment Picks Out Motor Skills Improvement in Parkinson's Disease: A Pilot Study. <i>Frontiers in Neurology</i> , 2020 , 11, 40 | 4.1 | 2 |
| 164 | Psychomotor speed as a predictor of functional status in older chronic heart failure (CHF) patients attending cardiac rehabilitation. <i>PLoS ONE</i> , 2020 , 15, e0235570 | 3.7 | 4 |
| 163 | Quantitative assessment of the quality of home sleep studies: A computer-assisted approach. <i>Journal of Sleep Research</i> , 2020 , 29, e12899 | 5.8 | 3 |
| 162 | Cardiac and Peripheral Autonomic Responses to Orthostatic Stress During Transcutaneous Vagus Nerve Stimulation in Healthy Subjects. <i>Journal of Clinical Medicine</i> , 2019 , 8, | 5.1 | 17 |
| 161 | Physiological and clinical characteristics of patients with COPD admitted to an inpatient pulmonary rehabilitation program: A real-life study. <i>Pulmonology</i> , 2019 , 25, 71-78 | 3.7 | 11 |
| 160 | Oxaliplatin-Fluoropyrimidine Combination (XELOX) Therapy Does Not Affect Plasma Amino Acid Levels and Plasma Markers of Oxidative Stress in Colorectal Cancer Surgery Patients: A Pilot Study. <i>Nutrients</i> , 2019 , 11, | 6.7 | 4 |
| 159 | How Cognition and Motivation "Freeze" the Motor Behavior in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1302 | 5.1 | 7 |
| 158 | Occupational Therapy for Parkinsonian Patients: A Retrospective Study. <i>Parkinson's Disease</i> , 2019 , 2019, 4561830 | 2.6 | 1 |
| 157 | Arterial oxygen saturation during Cheyne-Stokes respiration in heart failure patients: does measurement site matter?. <i>Sleep Medicine</i> , 2019 , 55, 6-13 | 4.6 | 4 |

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|-----|--|------|----|
| 156 | Exercise Training After Pulmonary Endarterectomy for Patients with Chronic Thromboembolic Pulmonary Hypertension. <i>Respiration</i> , 2019 , 97, 234-241 | 3.7 | 8 |
| 155 | Daytime periodic breathing during short-term laboratory recordings in heart failure patients: the iceberg tip of central sleep apnoea?. <i>European Journal of Heart Failure</i> , 2018 , 20, 934-936 | 12.3 | 4 |
| 154 | Temporal relationship between arousals and Cheyne-Stokes respiration with central sleep apnea in heart failure patients. <i>Clinical Neurophysiology</i> , 2018 , 129, 1955-1963 | 4.3 | 5 |
| 153 | Paced Breathing Increases the Redundancy of Cardiorespiratory Control in Healthy Individuals and Chronic Heart Failure Patients. <i>Entropy</i> , 2018 , 20, | 2.8 | 10 |
| 152 | Chronic thromboembolic pulmonary hypertension: Reversal of pulmonary hypertension but not sleep disordered breathing following pulmonary endarterectomy. <i>International Journal of Cardiology</i> , 2018 , 264, 147-152 | 3.2 | 3 |
| 151 | Different estimation methods of spontaneous baroreflex sensitivity have different predictive value in heart failure patients. <i>Journal of Hypertension</i> , 2017 , 35, 1666-1675 | 1.9 | 26 |
| 150 | The reduction of central sleep apnoea severity in the left lateral position is not due to an improvement in cardiac haemodynamics in patients with chronic heart failure. <i>Sleep Medicine</i> , 2017 , 34, 30-32 | 4.6 | 3 |
| 149 | Not Only Sleep Apnea: The Awake Apneas of the Failing Heart 2017 , 169-181 | | 1 |
| 148 | Estimation of baroreflex sensitivity by the bivariate phase rectified signal averaging method: a comparison with the phenylephrine method. <i>Physiological Measurement</i> , 2017 , 38, 1874-1884 | 2.9 | 3 |
| 147 | Additional predictive value of nutritional status in the prognostic assessment of heart failure patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 274-280 | 4.5 | 20 |
| 146 | Whispering During Sleep: Autonomic Signaling During Sleep, Sleep Apnea, and Sudden Death 2016 , 101-113 | | |
| 145 | Assessment of baroreflex sensitivity from spontaneous oscillations of blood pressure and heart rate: proven clinical value?. <i>Physiological Measurement</i> , 2015 , 36, 741-53 | 2.9 | 41 |
| 144 | The 6-minute walking test and all-cause mortality in patients undergoing a post-cardiac surgery rehabilitation program. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 20-6 | 3.9 | 15 |
| 143 | Pre-Discharge Evaluation in Heart Failure [Additive Predictive Value of the 6-Minute Walking Test to Clinical Scores. <i>Circulation Journal</i> , 2015 , 79, 1756-63 | 2.9 | 5 |
| 142 | Spontaneous baroreceptor reflex sensitivity for risk stratification of heart failure patients: optimal cut-off and age effects. <i>Clinical Science</i> , 2015 , 129, 1163-72 | 6.5 | 7 |
| 141 | Differential impact of body position on the severity of disordered breathing in heart failure patients with obstructive vs. central sleep apnoea. <i>European Journal of Heart Failure</i> , 2015 , 17, 1302-9 | 12.3 | 31 |
| 140 | Medicinal clays improve the endurance of loaded inspiratory muscles in COPD: a randomized clinical trial of nonpharmacological treatment. <i>International Journal of COPD</i> , 2015 , 10, 2235-48 | 3 | 5 |
| 139 | Can cardiorespiratory polygraphy replace portable polysomnography in the assessment of sleep-disordered breathing in heart failure patients?. <i>Sleep and Breathing</i> , 2014 , 18, 475-82 | 3.1 | 22 |

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|-----|--|------|----|
| 138 | Sleep-wake fluctuations and respiratory events during Cheyne-Stokes respiration in patients with heart failure. <i>Journal of Sleep Research</i> , 2014 , 23, 347-57 | 5.8 | 14 |
| 137 | The mediating role of cytokine IL-6 on the relationship of FEV ₁ upon 6-minute walk distance in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2014 , 9, 1091-9 | 3 | 6 |
| 136 | Beneficial effects of physical activity on baroreflex control in the elderly. <i>Annals of Noninvasive Electrocardiology</i> , 2014 , 19, 303-10 | 1.5 | 22 |
| 135 | The effect of chronically occluded coronary artery recanalisation on baroreflex sensitivity and left ventricular systolic function. <i>Kardiologia Polska</i> , 2014 , 72, 438-45 | 0.9 | 1 |
| 134 | A computerized integrated system for the assessment of central and peripheral chemoreflex sensitivity. <i>Computer Methods and Programs in Biomedicine</i> , 2013 , 110, 58-65 | 6.9 | 3 |
| 133 | Clinical value of baroreflex sensitivity. <i>Netherlands Heart Journal</i> , 2013 , 21, 61-3 | 2.2 | 51 |
| 132 | Proto-oncogenic isoform A2 of eukaryotic translation elongation factor eEF1 is a target of miR-663 and miR-744. <i>British Journal of Cancer</i> , 2013 , 108, 2304-11 | 8.7 | 72 |
| 131 | Assessment of the peripheral ventilatory response to CO ₂ in heart failure patients: reliability of the single-breath test. <i>Physiological Measurement</i> , 2013 , 34, 1123-32 | 2.9 | 10 |
| 130 | A hybrid approach for continuous detection of sleep-wakefulness fluctuations: validation in patients with Cheyne-Stokes respiration. <i>Journal of Sleep Research</i> , 2012 , 21, 342-51 | 5.8 | 10 |
| 129 | Accounting for respiration is necessary to reliably infer Granger causality from cardiovascular variability series. <i>IEEE Transactions on Biomedical Engineering</i> , 2012 , 59, 832-41 | 5 | 82 |
| 128 | Autonomic markers and cardiovascular and arrhythmic events in heart failure patients: still a place in prognostication? Data from the GISSI-HF trial. <i>European Journal of Heart Failure</i> , 2012 , 14, 1410-9 | 12.3 | 51 |
| 127 | Heart rate and cardiac allograft vasculopathy in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 1368-73 | 5.8 | 17 |
| 126 | Rehabilitation: Periodic somatosensory stimulation increases arterial baroreflex sensitivity in chronic heart failure patients. <i>International Journal of Cardiology</i> , 2011 , 152, 237-41 | 3.2 | 13 |
| 125 | Comparison of the prognostic values of invasive and noninvasive assessments of baroreflex sensitivity in heart failure. <i>Journal of Hypertension</i> , 2011 , 29, 1546-52 | 1.9 | 26 |
| 124 | Clinical and haemodynamic correlates of heart rate turbulence as a non-invasive index of baroreflex sensitivity in chronic heart failure. <i>Clinical Science</i> , 2011 , 121, 279-84 | 6.5 | 20 |
| 123 | Night-to-night repeatability of measurements of nocturnal breathing disorders in clinically stable chronic heart failure patients. <i>Sleep and Breathing</i> , 2011 , 15, 673-8 | 3.1 | 17 |
| 122 | QT variability index on 24-hour Holter independently predicts mortality in patients with heart failure: analysis of Gruppo Italiano per lo Studio della Sopravvivenza nell'Insufficienza Cardiaca (GISSI-HF) trial. <i>Heart Rhythm</i> , 2011 , 8, 1237-42 | 6.7 | 36 |
| 121 | Additive prognostic value of subjective assessment with respect to clinical cardiological data in patients with chronic heart failure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2011 , 18, 836-42 | | 1 |

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|-----|--|------|-----|
| 120 | Non-stationarities significantly distort short-term spectral, symbolic and entropy heart rate variability indices. <i>Physiological Measurement</i> , 2011 , 32, 1775-86 | 2.9 | 119 |
| 119 | Prognostic significance of tissue-Doppler imaging in chronic heart failure patients on transplant waiting list: a comparative study with right heart catheterization. <i>European Journal of Echocardiography</i> , 2011 , 12, 112-9 | | 4 |
| 118 | Baroreflex Sensitivity Assessment [Latest Advances and Strategies. <i>European Cardiology Review</i> , 2011 , 7, 89 | 3.9 | 20 |
| 117 | Fat-free mass change after nutritional rehabilitation in weight losing COPD: role of insulin, C-reactive protein and tissue hypoxia. <i>International Journal of COPD</i> , 2010 , 5, 29-39 | 3 | 37 |
| 116 | Long-term time-course of nocturnal breathing disorders in heart failure patients. <i>European Respiratory Journal</i> , 2010 , 35, 361-7 | 13.6 | 10 |
| 115 | Non-invasive baroreflex sensitivity assessment using wavelet transfer function-based time-frequency analysis. <i>Physiological Measurement</i> , 2010 , 31, 1021-36 | 2.9 | 14 |
| 114 | Assessing the severity and improving the understanding of sleep-related breathing disorders in heart failure patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 3571-4 | 0.9 | 3 |
| 113 | An elderly-centered, personalized, physiotherapy program early after cardiac surgery. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 582-7 | | 19 |
| 112 | Fluctuations of the fractal dimension of the electroencephalogram during periodic breathing in heart failure patients. <i>Journal of Computational Neuroscience</i> , 2010 , 28, 557-65 | 1.4 | 7 |
| 111 | Relationship between ventilatory oscillations and fractal dimension of the EEG during daytime periodic breathing in heart failure patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 6276-9 | 0.9 | |
| 110 | Home telemonitoring in heart failure patients: the HHH study (Home or Hospital in Heart Failure). <i>European Journal of Heart Failure</i> , 2009 , 11, 312-8 | 12.3 | 105 |
| 109 | Pathophysiological and clinical relevance of simplified monitoring of nocturnal breathing disorders in heart failure patients. <i>European Journal of Heart Failure</i> , 2009 , 11, 264-72 | 12.3 | 11 |
| 108 | Prognostic implications of baroreflex sensitivity in heart failure patients in the beta-blocking era. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 193-9 | 15.1 | 127 |
| 107 | Clinical impact of evaluation of cardiovascular control by novel methods of heart rate dynamics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 1223-38 | 3 | 132 |
| 106 | Day-by-day variability of spontaneous baroreflex sensitivity measurements: implications for their reliability in clinical and research applications. <i>Journal of Hypertension</i> , 2009 , 27, 806-12 | 1.9 | 16 |
| 105 | Assessment of cardiovascular regulation through irreversibility analysis of heart period variability: a 24 hours Holter study in healthy and chronic heart failure populations. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 1359-75 | 3 | 45 |
| 104 | Reliability of heart rate variability measurements in patients with a history of myocardial infarction. <i>Clinical Science</i> , 2009 , 118, 195-201 | 6.5 | 26 |
| 103 | Periodic breathing and state instability during supine laboratory recordings in chronic heart failure patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 5398-401 | 0.9 | 4 |

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| 102 | Circadian variations of short-term heart period irreversibility in healthy and chronic heart failure patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 2116-9 | 0.9 | 1 |
| 101 | C-reactive protein correlates with tissue oxygen availability in patients with stable COPD. <i>International Journal of COPD</i> , 2008 , 3, 745-51 | 3 | 3 |
| 100 | Autonomic response to cardiac dysfunction in chronic heart failure: a risk predictor based on autonomic information flow. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2008 , 31, 214-20 | 1.6 | 16 |
| 99 | Baroreflex sensitivity: measurement and clinical implications. <i>Annals of Noninvasive Electrocardiology</i> , 2008 , 13, 191-207 | 1.5 | 343 |
| 98 | Assessing baroreflex sensitivity by the transfer function method: what are we really measuring?. <i>Journal of Applied Physiology</i> , 2007 , 102, 1310-1 | 3.7 | 11 |
| 97 | Nonlinear indices of heart rate variability in chronic heart failure patients: redundancy and comparative clinical value. <i>Journal of Cardiovascular Electrophysiology</i> , 2007 , 18, 425-33 | 2.7 | 94 |
| 96 | Multiscale analysis of short term heart beat interval, arterial blood pressure, and instantaneous lung volume time series. <i>Artificial Intelligence in Medicine</i> , 2007 , 41, 237-50 | 7.4 | 50 |
| 95 | Clinical relevance of short-term day-time breathing disorders in chronic heart failure patients. <i>European Journal of Heart Failure</i> , 2007 , 9, 949-54 | 12.3 | 48 |
| 94 | An integrated approach based on uniform quantization for the evaluation of complexity of short-term heart period variability: Application to 24 h Holter recordings in healthy and heart failure humans. <i>Chaos</i> , 2007 , 17, 015117 | 3.3 | 93 |
| 93 | Assessing nonlinear properties of heart rate variability from short-term recordings: are these measurements reliable?. <i>Physiological Measurement</i> , 2007 , 28, 1067-77 | 2.9 | 68 |
| 92 | Heart rate variability measures: a fresh look at reliability. <i>Clinical Science</i> , 2007 , 113, 131-40 | 6.5 | 183 |
| 91 | Prediction of sudden death in heart failure patients: a novel perspective from the assessment of the peak ectopy rate. <i>Europace</i> , 2007 , 9, 385-90 | 3.9 | 4 |
| 90 | Home telemonitoring of vital signs and cardiorespiratory signals in heart failure patients: system architecture and feasibility of the HHH model. <i>International Journal of Cardiology</i> , 2007 , 120, 371-9 | 3.2 | 25 |
| 89 | Clinical correlates of non-linear indices of heart rate variability in chronic heart failure patients. <i>Biomedizinische Technik</i> , 2006 , 51, 220-3 | 1.3 | 11 |
| 88 | Effect of paced breathing on ventilatory and cardiovascular variability parameters during short-term investigations of autonomic function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H424-33 | 5.2 | 88 |
| 87 | Symbolic analysis of 24h holter heart period variability series: comparison between normal and heart failure patients 2005 , | | 7 |
| 86 | Applicability and clinical relevance of the transfer function method in the assessment of baroreflex sensitivity in heart failure patients. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 1314-21 | 15.1 | 61 |
| 85 | Prognostic value of baroreflex sensitivity in chronic heart failure in the beta-blocking era. <i>Heart Rhythm</i> , 2005 , 2, S188-S189 | 6.7 | 2 |

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| 84 | Noninvasive measurement of blood pressure variability: accuracy of the Finometer monitor and comparison with the Finapres device. <i>Physiological Measurement</i> , 2005 , 26, 1125-36 | 2.9 | 31 |
| 83 | Cardiovagal response to acute mild exercise in young healthy subjects. <i>Circulation Journal</i> , 2005 , 69, 976-80 | 2.9 | 38 |
| 82 | Nutritional status and airflow obstruction: two independent contributors to CO diffusing capacity impairment in COPD. <i>Monaldi Archives for Chest Disease</i> , 2005 , 63, 13-6 | 2.7 | 2 |
| 81 | Echo-Doppler and clinical evaluations to define hemodynamic profile in patients with chronic heart failure: accuracy and influence on therapeutic management. <i>European Journal of Heart Failure</i> , 2005 , 7, 624-30 | 12.3 | 21 |
| 80 | Leave-one-out prediction error of systolic arterial pressure time series under paced breathing. <i>Physiological Measurement</i> , 2005 , 26, 363-72 | 2.9 | 9 |
| 79 | Different spectral components of 24 h heart rate variability are related to different modes of death in chronic heart failure. <i>European Heart Journal</i> , 2005 , 26, 357-62 | 9.5 | 123 |
| 78 | Linear and non-linear indices of heart rate variability in chronic heart failure: mutual interrelationships and prognostic value 2005 , | | 3 |
| 77 | A multi-country randomised trial of the role of a new telemonitoring system in CHF: the HHH study (Home or Hospital in Heart Failure). Rational, study design and protocol. <i>European Heart Journal Supplements</i> , 2004 , 6, F99-F102 | 1.5 | 6 |
| 76 | Phase shifts of synchronized oscillators and the systolic-diastolic blood pressure relation. <i>Physical Review E</i> , 2004 , 69, 061923 | 2.4 | 10 |
| 75 | Heart failure case disease management program: a pilot study of home telemonitoring versus usual care. <i>European Heart Journal Supplements</i> , 2004 , 6, F91-F98 | 1.5 | 49 |
| 74 | Surrogate data analysis for assessing the significance of the coherence function. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 1156-66 | 5 | 126 |
| 73 | Long-term monitoring of sleep apnea at home in heart failure patients: preliminary results from the HHH study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2004 , 2004, 3874-7 | | 1 |
| 72 | Distance walked in the 6-minute test soon after cardiac surgery: toward an efficient use in the individual patient. <i>Chest</i> , 2004 , 126, 1796-801 | 5.3 | 50 |
| 71 | Different predictive values of electrophysiological testing and autonomic assessment in patients surviving a sustained arrhythmic episode. <i>Circulation Journal</i> , 2004 , 68, 634-8 | 2.9 | 6 |
| 70 | Rofecoxib and nimesulide differ in speed and magnitude of their antinociceptive effect: A randomized double-blind crossover neurophysiological study in normal subjects. <i>The Pain Clinic</i> , 2004 , 16, 253-260 | | |
| 69 | Home telemonitoring of respiratory activity and heart rate variability in chronic heart failure patients: the challenge of the home or hospital in heart failure project 2003 , | | 3 |
| 68 | Ambulatory electrocardiogram-based tracking of T wave alternans in postmyocardial infarction patients to assess risk of cardiac arrest or arrhythmic death. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, 705-11 | 2.7 | 136 |
| 67 | Estimation of the respiratory activity from orthogonal ECG leads 2003 , | | 3 |

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|----|---|------|-----|
| 66 | Home telemonitoring of chronic heart failure patients: novel system architecture of the home or hospital in heart failure study 2003 , | | 4 |
| 65 | Short-term heart rate variability strongly predicts sudden cardiac death in chronic heart failure patients. <i>Circulation</i> , 2003 , 107, 565-70 | 16.7 | 643 |
| 64 | Long- and short-time analysis of heartbeat sequences: correlation with mortality risk in congestive heart failure patients. <i>Physical Review E</i> , 2003 , 67, 062901 | 2.4 | 11 |
| 63 | RESP-24: a computer program for the investigation of 24-h breathing abnormalities in heart failure patients. <i>Computer Methods and Programs in Biomedicine</i> , 2002 , 68, 147-59 | 6.9 | 8 |
| 62 | New criteria for estimating baroreflex sensitivity using the transfer function method. <i>Medical and Biological Engineering and Computing</i> , 2002 , 40, 79-84 | 3.1 | 31 |
| 61 | Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002 , 103, 81-8 | 6.5 | 55 |
| 60 | Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002 , 103, 81 | 6.5 | 21 |
| 59 | Verb-noun double dissociation in aphasic lexical impairments: the role of word frequency and imageability. <i>Brain and Language</i> , 2002 , 81, 432-44 | 2.9 | 171 |
| 58 | Cost/utility ratio in chronic heart failure: comparison between heart failure management program delivered by day-hospital and usual care. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 1259-66 | 15.1 | 127 |
| 57 | Left atrial function: bridge to central and hormonal determinants of exercise capacity in patients with chronic heart failure. <i>Monaldi Archives for Chest Disease</i> , 2002 , 58, 87-94 | 2.7 | 5 |
| 56 | Assessment of baroreflex sensitivity in patients with preserved and impaired left ventricular function by means of the Valsalva manoeuvre and the phenylephrine test. <i>Clinical Science</i> , 2001 , 100, 33 | 6.5 | 5 |
| 55 | Chronic infusion of dobutamine and nitroprusside in patients with end-stage heart failure awaiting heart transplantation: safety and clinical outcome. <i>European Journal of Heart Failure</i> , 2001 , 3, 601-10 | 12.3 | 29 |
| 54 | Reliability of transfer function estimates in cardiovascular variability analysis. <i>Medical and Biological Engineering and Computing</i> , 2001 , 39, 338-47 | 3.1 | 47 |
| 53 | Six-minute walking performance in patients with moderate-to-severe heart failure; is it a useful indicator in clinical practice?. <i>European Heart Journal</i> , 2001 , 22, 488-96 | 9.5 | 122 |
| 52 | Echo-Doppler mitral flow monitoring: an operative tool to evaluate day-to-day tolerance to and effectiveness of beta-adrenergic blocking agent therapy in patients with chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2001 , 38, 1675-84 | 15.1 | 25 |
| 51 | On the nature of the selective impairment of verb and noun retrieval. <i>Cortex</i> , 2001 , 37, 724-6 | 3.8 | 24 |
| 50 | Baroreflex sensitivity and heart rate variability in the identification of patients at risk for life-threatening arrhythmias: implications for clinical trials. <i>Circulation</i> , 2001 , 103, 2072-7 | 16.7 | 553 |
| 49 | Assessment of baroreflex sensitivity in patients with preserved and impaired left ventricular function by means of the Valsalva manoeuvre and the phenylephrine test. <i>Clinical Science</i> , 2001 , 100, 33-41 | 6.5 | 3 |

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| 48 | Effect of beta-blockade on the premature ventricular beats/heart rate relation and heart rate variability in patients with coronary heart disease and severe ventricular arrhythmias. <i>American Journal of Therapeutics</i> , 2000 , 7, 229-36 | 1 | 5 |
| 47 | Reproducibility of the six-minute walking test in chronic heart failure patients. <i>Statistics in Medicine</i> , 2000 , 19, 3087-94 | 2.3 | 30 |
| 46 | Limitations of the computerized laryngeal analyzer (CLA) in the assessment of the swallowing mechanism. <i>Medical Engineering and Physics</i> , 2000 , 22, 223-7 | 2.4 | 1 |
| 45 | Periodic breathing in heart failure patients: testing the hypothesis of instability of the chemoreflex loop. <i>Journal of Applied Physiology</i> , 2000 , 89, 2147-57 | 3.7 | 45 |
| 44 | Cardiorespiratory interactions during periodic breathing in awake chronic heart failure patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 278, H932-41 | 5.2 | 31 |
| 43 | Comparison between invasive and non-invasive measurements of baroreflex sensitivity; implications for studies on risk stratification after a myocardial infarction. <i>European Heart Journal</i> , 2000 , 21, 1522-9 | 9.5 | 30 |
| 42 | Beta-blockade therapy in chronic heart failure: diastolic function and mitral regurgitation improvement by carvedilol. <i>American Heart Journal</i> , 2000 , 139, 596-608 | 4.9 | 182 |
| 41 | Invasive and non-invasive determinants of pulmonary hypertension in patients with chronic heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2000 , 19, 426-38 | 5.8 | 54 |
| 40 | Randomized, placebo-controlled, crossover, double-blind comparison of immediate- and sustained-release formulations of Gallopamil in elderly patients with stable effort angina. <i>Current Therapeutic Research</i> , 2000 , 61, 723-741 | 2.4 | |
| 39 | Nonselective beta-adrenergic blocking agent, carvedilol, improves arterial baroflex gain and heart rate variability in patients with stable chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 1612-8 | 15.1 | 90 |
| 38 | Echo-dipyridamole stress test evaluation of isosorbide-5-mononitrate efficacy and tolerance in patients with coronary heart disease: interplay with sympathetic activity. <i>Journal of Cardiovascular Pharmacology</i> , 2000 , 36, 50-5 | 3.1 | 5 |
| 37 | Association between hemodynamic impairment and Cheyne-Stokes respiration and periodic breathing in chronic stable congestive heart failure secondary to ischemic or idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 1999 , 84, 900-4 | 3 | 65 |
| 36 | Arterial baroreflex modulation of heart rate in patients early after heart transplantation: lack of parasympathetic reinnervation. <i>Journal of Heart and Lung Transplantation</i> , 1999 , 18, 399-406 | 5.8 | 34 |
| 35 | Time trends in the intracardiac potential recorded by pacemaker telemetry: comparison between steroid-eluting small area electrodes. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1999 , 22, 1164-72 | 1.6 | |
| 34 | "Peak Summation" Left Ventricular Filling Pattern in Patients with Chronic Heart Failure: Frequency and Complementary Value of Pulmonary Venous Flow in Its Hemodynamic Interpretation. <i>Echocardiography</i> , 1998 , 15, 721-730 | 1.5 | 1 |
| 33 | POLYAN: a computer program for polyparametric analysis of cardio-respiratory variability signals. <i>Computer Methods and Programs in Biomedicine</i> , 1998 , 56, 37-48 | 6.9 | 35 |
| 32 | Reproducibility of the six-minute walking test in patients with chronic congestive heart failure: practical implications. <i>American Journal of Cardiology</i> , 1998 , 81, 1497-500 | 3 | 57 |
| 31 | Assessing baroreflex sensitivity in post-myocardial infarction patients: comparison of spectral and phenylephrine techniques. <i>Journal of the American College of Cardiology</i> , 1998 , 31, 344-51 | 15.1 | 44 |

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|----|--|------|-----|
| 30 | Peak exercise oxygen consumption in chronic heart failure: toward efficient use in the individual patient. <i>Journal of the American College of Cardiology</i> , 1998 , 31, 766-75 | 15.1 | 127 |
| 29 | Predictors of primary atrial fibrillation and concomitant clinical and hemodynamic changes in patients with chronic heart failure: a prospective study in 344 patients with baseline sinus rhythm. <i>Journal of the American College of Cardiology</i> , 1998 , 32, 197-204 | 15.1 | 232 |
| 28 | The development of hyperventilation in patients with chronic heart failure and Cheyne-Stokes respiration: a possible role of chronic hypoxia. <i>Chest</i> , 1998 , 114, 1083-90 | 5.3 | 37 |
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| 7 | Reproducibility of short- and long-term Poincare plot parameters compared with frequency-domain HRV indexes in congestive heart failure | | 6 |
| 6 | Quantitative Poincare plots analysis contains relevant information related to heart rate variability dynamics of normal and pathological subjects | | 2 |
| 5 | Changes induced by tilting on Poincare plots and symbolic dynamic patterns of HRV compared to spectral indexes in post-MI and normal subjects | | 1 |
| 4 | Prognostic value of Poincare/spl acute/ plot indexes in chronic heart failure patients | | 2 |
| 3 | Correlation between power-law behavior and Poincare plots of heart rate variability in congestive heart failure patients | | 1 |
| 2 | Neural control of cardiovascular function: a case study on a patient carrying a left ventricular assist device | | 1 |
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