

Gian Domenico Pinna

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1277304/gian-domenico-pinna-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
172	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
171	Baroreflex sensitivity: measurement and clinical implications. <i>Annals of Noninvasive Electrocardiology</i> , 2008 , 13, 191-207	1.5	343
170	Arterial baroreflex modulation of heart rate in chronic heart failure: clinical and hemodynamic correlates and prognostic implications. <i>Circulation</i> , 1997 , 96, 3450-8	16.7	299
169	Physiology and pathophysiology of heart rate and blood pressure variability in humans: is power spectral analysis largely an index of baroreflex gain?. <i>Clinical Science</i> , 1995 , 88, 103-9	6.5	241
168	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
167	Heart rate variability during specific sleep stages. A comparison of healthy subjects with patients after myocardial infarction. <i>Circulation</i> , 1995 , 91, 1918-22	16.7	228
166	Heart rate variability measures: a fresh look at reliability. <i>Clinical Science</i> , 2007 , 113, 131-40	6.5	183
165	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
164	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
163	Abnormal awake respiratory patterns are common in chronic heart failure and may prevent evaluation of autonomic tone by measures of heart rate variability. <i>Circulation</i> , 1997 , 96, 246-52	16.7	138
162	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
161	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
160	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
159	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
158	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
157	Surrogate data analysis for assessing the significance of the coherence function. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 1156-66	5	126

156	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
155	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
154	Doppler echocardiography reliably predicts pulmonary artery wedge pressure in patients with chronic heart failure with and without mitral regurgitation. <i>Journal of the American College of Cardiology</i> , 1996 , 27, 883-93	15.1	122
153	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
152	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
151	Concomitant factors of decompensation in chronic heart failure. <i>American Journal of Cardiology</i> , 1996 , 78, 354-7	3	104
150	Can power spectral analysis of heart rate variability identify a high risk subgroup of congestive heart failure patients with excessive sympathetic activation? A pilot study before and after heart transplantation. <i>Heart</i> , 1994 , 71, 422-30	5.1	97
149	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
148	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
147	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
146	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
145	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
144	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
143	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
142	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
141	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
140	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
139	The accuracy of power-spectrum analysis of heart-rate variability from annotated RR lists generated by Holter systems. <i>Physiological Measurement</i> , 1994 , 15, 163-79	2.9	56

138	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002 , 103, 81-8	6.5	55
137	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
136	Clinical value of baroreflex sensitivity. <i>Netherlands Heart Journal</i> , 2013 , 21, 61-3	2.2	51
135	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
134	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
133	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
132	Doppler evaluations of left ventricular diastolic filling and pulmonary wedge pressure provide similar prognostic information in patients with systolic dysfunction after myocardial infarction. <i>American Heart Journal</i> , 1995 , 129, 716-25	4.9	50
131	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
130	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
129	Reliability of transfer function estimates in cardiovascular variability analysis. <i>Medical and Biological Engineering and Computing</i> , 2001 , 39, 338-47	3.1	47
128	Application of time series spectral analysis theory: analysis of cardiovascular variability signals. <i>Medical and Biological Engineering and Computing</i> , 1996 , 34, 142-8	3.1	46
127	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
126	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
125	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
124	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
123	Cardiovagal response to acute mild exercise in young healthy subjects. <i>Circulation Journal</i> , 2005 , 69, 976-80	2.9	38
122	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
121	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

120	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
119	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
118	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
117	Estimation of arterial blood pressure variability by spectral analysis: comparison between Finapres and invasive measurements. <i>Physiological Measurement</i> , 1996 , 17, 147-69	2.9	32
116	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
115	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
114	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
113	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
112	Depressed arterial baroreflex sensitivity and not reduced heart rate variability identifies patients with chronic heart failure and nonsustained ventricular tachycardia: the effect of high ventricular filling pressure. <i>American Heart Journal</i> , 1997 , 134, 879-88	4.9	30
111	Reproducibility of the six-minute walking test in chronic heart failure patients. <i>Statistics in Medicine</i> , 2000 , 19, 3087-94	2.3	30
110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	On the nature of the selective impairment of verb and noun retrieval. <i>Cortex</i> , 2001 , 37, 724-6	3.8	24

102	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
101	Beneficial effects of physical activity on baroreflex control in the elderly. <i>Annals of Noninvasive Electrocardiology</i> , 2014 , 19, 303-10	1.5	22
100	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
99	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002 , 103, 81	6.5	21
98	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
97	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
96	Baroreflex Sensitivity Assessment [Latest Advances and Strategies. <i>European Cardiology Review</i> , 2011 , 7, 89	3.9	20
95	An elderly-centered, personalized, physiotherapy program early after cardiac surgery. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 582-7		19
94	Hyperresponsiveness of the extrathoracic airway in patients with captopril-induced cough. <i>Chest</i> , 1990 , 98, 1133-7	5.3	19
93	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
92	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
91	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
90	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
89	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
88	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
87	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
86	Non-invasive baroreflex sensitivity assessment using wavelet transfer function-based time-frequency analysis. <i>Physiological Measurement</i> , 2010 , 31, 1021-36	2.9	14
85	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

84	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
83	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
82	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
81	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
80	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
79	Effects of record length selection on the accuracy of spectral estimates of heart rate variability: a simulation study. <i>IEEE Transactions on Biomedical Engineering</i> , 1996 , 43, 754-7	5	11
78	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
77	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
76	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
75	Long-term time-course of nocturnal breathing disorders in heart failure patients. <i>European Respiratory Journal</i> , 2010 , 35, 361-7	13.6	10
74	Phase shifts of synchronized oscillators and the systolic-diastolic blood pressure relation. <i>Physical Review E</i> , 2004 , 69, 061923	2.4	10
73	Paced Breathing Increases the Redundancy of Cardiorespiratory Control in Healthy Individuals and Chronic Heart Failure Patients. <i>Entropy</i> , 2018 , 20,	2.8	10
72	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
71	Alterations of breathing in chronic heart failure: clinical relevance of arterial oxygen saturation instability. <i>Clinical Science</i> , 1996 , 91 Suppl, 72-4		9
70	An oscillation of the respiratory control system accounts for most of the heart period variability of chronic heart failure patients. <i>Clinical Science</i> , 1996 , 91 Suppl, 89-91		9
69	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
68	Exercise Training After Pulmonary Endarterectomy for Patients with Chronic Thromboembolic Pulmonary Hypertension. <i>Respiration</i> , 2019 , 97, 234-241	3.7	8
67	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

66	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
65	Symbolic analysis of 24h holter heart period variability series: comparison between normal and heart failure patients 2005 ,		7
64	How Cognition and Motivation "Freeze" the Motor Behavior in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1302	5.1	7
63	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
62	Reproducibility of short- and long-term Poincare plot parameters compared with frequency-domain HRV indexes in congestive heart failure		6
61	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
60	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
59	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
58	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
57	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
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	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
54	Assessment of Baroreflex Sensitivity 1998 , 257-281		5
53	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
52	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
51	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
50	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
49	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

48	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
47	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
46	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
45	Home telemonitoring of chronic heart failure patients: novel system architecture of the home or hospital in heart failure study 2003 ,		4
44	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
43	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
42	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
41	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
40	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
39	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
38	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
37	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
36	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
35	Estimation of the respiratory activity from orthogonal ECG leads 2003 ,		3
34	Linear and non-linear indices of heart rate variability in chronic heart failure: mutual interrelationships and prognostic value 2005 ,		3
33	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
32	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
31	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

30	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
29	Physiological versus Clinical Value of Spectral and Nonspectral Techniques in the Evaluation of the Baroreflex. <i>Annals of Noninvasive Electrocardiology</i> , 1997 , 2, 203-205	1.5	2
28	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
27	Quantitative Poincare plots analysis contains relevant information related to heart rate variability dynamics of normal and pathological subjects		2
26	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
25	Prognostic value of Poincare/spl acute/ plot indexes in chronic heart failure patients		2
24	Accuracy of telemetry signals in the post-implantation monitoring of electrograms sensed by pacemakers. <i>Medical Engineering and Physics</i> , 1996 , 18, 18-25	2.4	2
23	Not Only Sleep Apnea: The Awake Apneas of the Failing Heart 2017 , 169-181		1
22	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
21	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
20	Coherence and transfer function estimation in cardiovascular variability analysis: a comparison between the classical and autoregressive approach		1
19	"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
18	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
17	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
16	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
15	Changes induced by tilting on Poincare plots and symbolic dynamic patterns of HRV compared to spectral indexes in post-MI and normal subjects		1
14	Correlation between power-law behavior and Poincare plots of heart rate variability in congestive heart failure patients		1
13	Neural control of cardiovascular function: a case study on a patient carrying a left ventricular assist device		1

12				1
11	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
10	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
9	Occupational Therapy for Parkinsonian Patients: A Retrospective Study. <i>Parkinsons Disease</i> , 2019 , 2019, 4561830	2.6		1
8	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
7	CARDIAC chronotropic effects of sleep-disordered breathing in patients with heart failure. <i>Journal of Sleep Research</i> , 2021 , 30, e13160	5.8		0
6	Whispering During Sleep: Autonomic Signaling During Sleep, Sleep Apnea, and Sudden Death 2016 , 101-113			
5	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> , 2013 , 2013, 1271-6	0.9		
4	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		
3	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		
2	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		
1	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			