

Roberto Maestri

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.

204
papers

6,215
citations

43
h-index

73
g-index

246
ext. papers

7,077
ext. citations

4.3
avg, IF

5.28
L-index

#	Paper	IF	Citations
204	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	
203	Optimization of cognitive assessment in Parkinsonisms by applying artificial intelligence to a comprehensive screening test.. <i>Npj Parkinsons Disease</i> , 2022 , 8, 42	9.7	0
202	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
201	The patient-caregiver dyad: the impact of cognitive and functional impairment. <i>Neurological Sciences</i> , 2021 , 1	3.5	0
200	Neuropsychological and executive screening in obstructive sleep apnea: early effect of ventilatory therapy. <i>Minerva Medica</i> , 2021 , 112, 346-353	2.2	
199	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
198	CARDIAC chronotropic effects of sleep-disordered breathing in patients with heart failure. <i>Journal of Sleep Research</i> , 2021 , 30, e13160	5.8	0
197	Essential amino acid supplementation is associated with reduced serum C-reactive protein levels and improved circulating lymphocytes in post-acute inflamed elderly patients. <i>International Journal of Immunopathology and Pharmacology</i> , 2021 , 35, 20587384211036823	3	0
196	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
195	Peripheral Blood Lymphocyte Percentage May Predict Chemotolerance and Survival in Patients with Advanced Pancreatic Cancer. Association between Adaptive Immunity and Nutritional State. <i>Current Oncology</i> , 2021 , 28, 3280-3296	2.8	1
194	Hypomania, Depression, Euthymia: New Evidence in Parkinson's Disease. <i>Behavioural Neurology</i> , 2020 , 2020, 5139237	3	2
193	Milestones and Timescale of Poststroke Recovery: A Cohort Study. <i>Behavioural Neurology</i> , 2020 , 2020, 8216758	3	
192	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
191	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
190	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
189	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
188	Biomechanical and neuroautonomic adaptation to acute blood volume displacement in ischemic dilated cardiomyopathy: the predictive value of the CD25 test. <i>Journal of Applied Physiology</i> , 2020 , 129, 1173-1182	3.7	2

187	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
186	Land Plus Aquatic Therapy Versus Land-Based Rehabilitation Alone for the Treatment of Freezing of Gait in Parkinson Disease: A Randomized Controlled Trial. <i>Physical Therapy</i> , 2019 , 99, 591-600	3.3	17
185	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
184	The relationship between plasma amino acids and circulating albumin and haemoglobin in postabsorptive stroke patients. <i>PLoS ONE</i> , 2019 , 14, e0219756	3.7	5
183	Severe Constipation in Parkinson's Disease and in Parkinsonisms: Prevalence and Affecting Factors. <i>Frontiers in Neurology</i> , 2019 , 10, 621	4.1	14
182	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
181	How Cognition and Motivation "Freeze" the Motor Behavior in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1302	5.1	7
180	Occupational Therapy for Parkinsonian Patients: A Retrospective Study. <i>Parkinsons Disease</i> , 2019 , 2019, 4561830	2.6	1
179	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
178	Self-selected speed gait training in Parkinson's disease: robot-assisted gait training with virtual reality versus gait training on the ground. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2019 , 55, 456-462	4.4	8
177	Effectiveness of a Goal-Based Intensive Rehabilitation in Parkinsonian Patients in Advanced Stages of Disease. <i>Journal of Parkinsons Disease</i> , 2018 , 8, 113-119	5.3	9
176	Effectiveness of Rotigotine plus intensive and goal-based rehabilitation versus Rotigotine alone in "de-novo" Parkinsonian subjects: a randomized controlled trial with 18-month follow-up. <i>Journal of Neurology</i> , 2018 , 265, 906-916	5.5	2
175	Efficacy of intensive multidisciplinary rehabilitation in Parkinson's disease: a randomised controlled study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 828-835	5.5	57
174	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
173	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
172	Early Rehabilitation Reduces Time to Decannulation in Patients With Severe Acquired Brain Injury: A Retrospective Study. <i>Frontiers in Neurology</i> , 2018 , 9, 559	4.1	7
171	Screening for neuropsychological impairment in COPD patients undergoing rehabilitation. <i>PLoS ONE</i> , 2018 , 13, e0199736	3.7	10
170	Relative lymphocyte count as an indicator of 3-year mortality in elderly people with severe COPD. <i>BMC Pulmonary Medicine</i> , 2018 , 18, 116	3.5	13

169	Effectiveness of Extracorporeal Shock Wave Therapy and kinesio taping in calcific tendinopathy of the shoulder: a randomized controlled trial. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2018 , 54, 333-340	4.4	18
168	Motor and psychosocial impact of robot-assisted gait training in a real-world rehabilitation setting: A pilot study. <i>PLoS ONE</i> , 2018 , 13, e0191894	3.7	7
167	Effectiveness of aquatic versus land physiotherapy in the treatment of peripheral neuropathies: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2018 , 32, 663-670	3.3	5
166	Paced Breathing Increases the Redundancy of Cardiorespiratory Control in Healthy Individuals and Chronic Heart Failure Patients. <i>Entropy</i> , 2018 , 20,	2.8	10
165	Asymmetric Dopaminergic Degeneration and Attentional Resources in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2018 , 12, 972	5.1	6
164	Inflammation and rehabilitation outcomes in patients with nontraumatic intracranial haemorrhage. <i>NeuroRehabilitation</i> , 2018 , 42, 449-456	2	4
163	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
162	Pathological evidence of adrenergic cardiac denervation in a patient with congestive heart failure. <i>Cardiovascular Pathology</i> , 2018 , 36, 20-21	3.8	1
161	Land Plus Aquatic Therapy Versus Land-Based Rehabilitation Alone for the Treatment of Balance Dysfunction in Parkinson Disease: A Randomized Controlled Study With 6-Month Follow-Up. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017 , 98, 1077-1085	2.8	25
160	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
159	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
158	Not Only Sleep Apnea: The Awake Apneas of the Failing Heart 2017 , 169-181		1
157	COPD patients' self-reported adherence, psychosocial factors and mild cognitive impairment in pulmonary rehabilitation. <i>International Journal of COPD</i> , 2017 , 12, 2059-2067	3	32
156	Italian validation of the Belastungsfragebogen Parkinson kurzversion (BELA-P-k): a disease-specific questionnaire for evaluation of the subjective perception of quality of life in parkinson's disease. <i>Journal of Clinical Movement Disorders</i> , 2017 , 4, 12	2.8	1
155	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
154	Treadmill Training with Cues and Feedback Improves Gait in People with More Advanced Parkinson's Disease. <i>Journal of Parkinsons Disease</i> , 2017 , 7, 729-739	5.3	7
153	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
152	Focused and Sustained Attention Is Modified by a Goal-Based Rehabilitation in Parkinsonian Patients. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 56	3.5	13

151	Rehabilitation in progressive supranuclear palsy: Effectiveness of two multidisciplinary treatments. <i>PLoS ONE</i> , 2017 , 12, e0170927	3.7	35
150	Rehabilitation of hypomimia in Parkinson's disease: a feasibility study of two different approaches. <i>Neurological Sciences</i> , 2016 , 37, 431-6	3.5	6
149	Does Cognitive Impairment Affect Rehabilitation Outcome in Parkinson's Disease?. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 192	5.3	11
148	Dopamine Replacement Therapy, Learning and Reward Prediction in Parkinson's Disease: Implications for Rehabilitation. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 121	3.5	9
147	Effectiveness of a Very Early Stepping Verticalization Protocol in Severe Acquired Brain Injured Patients: A Randomized Pilot Study in ICU. <i>PLoS ONE</i> , 2016 , 11, e0158030	3.7	37
146	Prevalence of job-related distress and satisfaction in a nationwide cardiology setting: The IANUS - itAliaN cardiologists' Undetected distress Study. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17, 587-94	1.9	3
145	Multidisciplinary intensive rehabilitation treatment improves sleep quality in Parkinson's disease. <i>Journal of Clinical Movement Disorders</i> , 2015 , 2, 11	2.8	27
144	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
143	Intensive rehabilitation treatment in early Parkinson's disease: a randomized pilot study with a 2-year follow-up. <i>Neurorehabilitation and Neural Repair</i> , 2015 , 29, 123-31	4.7	103
142	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
141	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
140	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
139	Safety and Feasibility of a Very Early Verticalization in Patients With Severe Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2015 , 30, 290-2	3	11
138	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
137	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
136	Balance Dysfunction in Parkinson's Disease: The Role of Posturography in Developing a Rehabilitation Program. <i>Parkinsons Disease</i> , 2015 , 2015, 520128	2.6	21
135	Crossover versus Stabilometric Platform for the Treatment of Balance Dysfunction in Parkinson's Disease: A Randomized Study. <i>BioMed Research International</i> , 2015 , 2015, 878472	3	16
134	Pisa Syndrome in Parkinson's Disease: Electromyographic Aspects and Implications for Rehabilitation. <i>Parkinsons Disease</i> , 2015 , 2015, 437190	2.6	8

133	Differences in muscle strength in parkinsonian patients affected on the right and left side. <i>PLoS ONE</i> , 2015 , 10, e0121251	3.7	17
132	Intensive rehabilitation increases BDNF serum levels in parkinsonian patients: a randomized study. <i>Neurorehabilitation and Neural Repair</i> , 2014 , 28, 163-8	4.7	94
131	Measuring the Effectiveness of an Intensive Rehabilitation Treatment on Balance Parameters in Patients with Parkinson Disease through a Stabilometric Platform. <i>Biosystems and Biorobotics</i> , 2014 , 369-372	0.2	1
130	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
129	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
128	Comparing the effects of hydrotherapy and land-based therapy on balance in patients with Parkinson's disease: a randomized controlled pilot study. <i>Clinical Rehabilitation</i> , 2014 , 28, 1210-7	3.3	60
127	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
126	Disexecutive functions and depression in patients with Parkinson disease: the impact on rehabilitation outcome. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, 764-73	2.6	4
125	Effectiveness of an intensive rehabilitation treatment on different Parkinson's disease subtypes. <i>NeuroRehabilitation</i> , 2013 , 33, 299-303	2	10
124	Asymmetry and freezing of gait in parkinsonian patients. <i>Journal of Neurology</i> , 2013 , 260, 71-6	5.5	43
123	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
122	n-3PUFA and Holter-derived autonomic variables in patients with heart failure: data from the Gruppo Italiano per lo Studio della Sopravvivenza nell'Insufficienza Cardiaca (GISSI-HF) Holter substudy. <i>Heart Rhythm</i> , 2013 , 10, 226-32	6.7	19
121	Clinical value of baroreflex sensitivity. <i>Netherlands Heart Journal</i> , 2013 , 21, 61-3	2.2	51
120	The beneficial role of intensive exercise on Parkinson disease progression. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013 , 92, 523-32	2.6	59
119	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
118	Short- and long-term efficacy of intensive rehabilitation treatment on balance and gait in parkinsonian patients: a preliminary study with a 1-year followup. <i>Parkinsons Disease</i> , 2013 , 2013, 583278	2.6	23
117	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
116	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

115	Effectiveness of intensive inpatient rehabilitation treatment on disease progression in parkinsonian patients: a randomized controlled trial with 1-year follow-up. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 144-50	4.7	65
114	Intensive rehabilitation treatment in parkinsonian patients with dyskinesias: a preliminary study with 6-month followup. <i>Parkinsons Disease</i> , 2012 , 2012, 910454	2.6	9
113	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
112	Rehabilitation improves dyskinesias in Parkinsonian patients: a pilot study comparing two different rehabilitative treatments. <i>NeuroRehabilitation</i> , 2012 , 30, 295-301	2	15
111	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
110	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
109	Effects of red blood cell transfusions on exercise tolerance and rehabilitation time after cardiac surgery. <i>Transfusion and Apheresis Science</i> , 2011 , 45, 299-303	2.4	3
108	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
107	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
106	Postoperative anemia and exercise tolerance after cardiac operations in patients without transfusion: what hemoglobin level is acceptable?. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 25-31	2.7	20
105	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
104	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
103	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
102	Baroreflex Sensitivity Assessment [Latest Advances and Strategies]. <i>European Cardiology Review</i> , 2011 , 7, 89	3.9	20
101	Long-term time-course of nocturnal breathing disorders in heart failure patients. <i>European Respiratory Journal</i> , 2010 , 35, 361-7	13.6	10
100	Non-invasive baroreflex sensitivity assessment using wavelet transfer function-based time-frequency analysis. <i>Physiological Measurement</i> , 2010 , 31, 1021-36	2.9	14
99	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
98	The clinical spectrum of late-onset Alexander disease: a systematic literature review. <i>Journal of Neurology</i> , 2010 , 257, 1955-62	5.5	50

97	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
96	Rehabilitation in Parkinson's disease: assessing the outcome using objective metabolic measurements. <i>Movement Disorders</i> , 2010 , 25, 609-14	7	12
95	Parkinson's disease rehabilitation: a pilot study with 1 year follow up. <i>Movement Disorders</i> , 2010 , 25, 1762-3	7	18
94	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, 2009 - 2009</i> , 6276-9	0.9	
93	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
92	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
91	Rehabilitation treatment of gait in patients with Parkinson's disease with freezing: a comparison between two physical therapy protocols using visual and auditory cues with or without treadmill training. <i>Movement Disorders</i> , 2009 , 24, 1139-43	7	145
90	Heart rate variability and drawing impairment in hypoxemic COPD. <i>Brain and Cognition</i> , 2009 , 70, 163-70	2.7	22
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	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

79	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
78	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
77	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
76	Heart rate variability measures: a fresh look at reliability. <i>Clinical Science</i> , 2007 , 113, 131-40	6.5	183
75	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
74	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
73	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
72	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
71	Effect of bronchodilatation on single breath pulmonary uptake of carbon monoxide in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2006 , 1, 477-83	3	5
70	Symbolic analysis of 24h holter heart period variability series: comparison between normal and heart failure patients 2005 ,		7
69	Modeling dominant height growth based on nonlinear mixed-effects model: a clonal Eucalyptus plantation case study. <i>Forest Ecology and Management</i> , 2005 , 204, 11-21	3.9	46
68	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
67	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
66	Cardiovagal response to acute mild exercise in young healthy subjects. <i>Circulation Journal</i> , 2005 , 69, 976-80	2.9	38
65	Anemia in chronic heart failure patients: comparison between invasive and non-invasive prognostic markers. <i>Monaldi Archives for Chest Disease</i> , 2005 , 64, 124-33	2.7	4
64	Viscerosensory-cardiovascular reflexes: altered baroreflex sensitivity in irritable bowel syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 289, R970-6	3.2	12
63	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
62	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

61	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
60	Linear and non-linear indices of heart rate variability in chronic heart failure: mutual interrelationships and prognostic value 2005 ,		3
59	Phase shifts of synchronized oscillators and the systolic-diastolic blood pressure relation. <i>Physical Review E</i> , 2004 , 69, 061923	2.4	10
58	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
57	Surrogate data analysis for assessing the significance of the coherence function. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 1156-66	5	126
56	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
55	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
54	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
53	Estimation of the respiratory activity from orthogonal ECG leads 2003 ,		3
52	Home telemonitoring of chronic heart failure patients: novel system architecture of the home or hospital in heart failure study 2003 ,		4
51	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
50	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
49	Linking process-based and empirical forest models in eucalyptus plantations in Brazil. 2003 , 63-74		4
48	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
47	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
46	A randomized, double-blind comparison of 10 and 20 mg lercanidipine in patients with stable effort angina: effects on myocardial ischemia and heart rate variability. <i>American Journal of Therapeutics</i> , 2002 , 9, 444-53	1	6
45	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002 , 103, 81-8	6.5	55
44	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002 , 103, 81	6.5	21

43	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
42	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
41	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
40	Reliability of transfer function estimates in cardiovascular variability analysis. <i>Medical and Biological Engineering and Computing</i> , 2001 , 39, 338-47	3.1	47
39	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
38	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
37	Reproducibility of the six-minute walking test in chronic heart failure patients. <i>Statistics in Medicine</i> , 2000 , 19, 3087-94	2.3	30
36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	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	
28	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
27	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
26	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

25	Preliminary study of muscle contraction assessment by NIR spectroscopy 1998 ,		5
24	Reliability of a hand gripping endurance test. <i>Ergonomics</i> , 1997 , 40, 428-34	2.9	14
23	Dobutamine and nitroprusside infusion in patients with severe congestive heart failure: hemodynamic improvement by discordant effects on mitral regurgitation, left atrial function, and ventricular function. <i>American Heart Journal</i> , 1997 , 134, 1089-98	4.9	37
22	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
21	Influence of residual ischaemia on heart rate variability after myocardial infarction. <i>European Heart Journal</i> , 1997 , 18, 78-83	9.5	21
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	Power Spectral Analysis of Heart Rate Variability and Baroreflex Gain: Author's Reply. <i>Clinical Science</i> , 1995 , 89, 556-556	6.5	
11	Scopolamine improves autonomic balance in advanced congestive heart failure. <i>Circulation</i> , 1994 , 90, 838-43	16.7	73
10	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
9	Coherence and transfer function estimation in cardiovascular variability analysis: a comparison between the classical and autoregressive approach		1
8	Reproducibility of short- and long-term Poincare plot parameters compared with frequency-domain HRV indexes in congestive heart failure		6

7	Quantitative Poincare plots analysis contains relevant information related to heart rate variability dynamics of normal and pathological subjects	2
6	Changes induced by tilting on Poincare plots and symbolic dynamic patterns of HRV compared to spectral indexes in post-MI and normal subjects	1
5	Prognostic value of Poincare/spl acute/ plot indexes in chronic heart failure patients	2
4	Correlation between power-law behavior and Poincare plots of heart rate variability in congestive heart failure patients	1
3	Neural control of cardiovascular function: a case study on a patient carrying a left ventricular assist device	1
2		1
1	Positive affect as a predictor of non-pharmacological adherence in older Chronic Heart Failure (CHF) patients undergoing cardiac rehabilitation. <i>Psychology, Health and Medicine</i> ,1-15	2.1 0