

Roberto Maestri

List of Publications by Citations

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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	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
203	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
202	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
201	Heart rate variability measures: a fresh look at reliability. <i>Clinical Science</i> , 2007 , 113, 131-40	6.5	183
200	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
199	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
198	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
197	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
196	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}	15.1	127
195	Surrogate data analysis for assessing the significance of the coherence function. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 1156-66	5	126
194	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
193	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
192	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
191	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
190	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
189	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
188	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

187	Nonselective beta-adrenergic blocking agent, carvedilol, improves arterial baroreflex 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
186	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
185	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
184	Scopolamine improves autonomic balance in advanced congestive heart failure. <i>Circulation</i> , 1994 , 90, 838-43	16.7	73
183	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
182	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
181	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
180	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
179	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
178	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
177	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
176	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
175	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002 , 103, 81-8	6.5	55
174	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
173	Clinical value of baroreflex sensitivity. <i>Netherlands Heart Journal</i> , 2013 , 21, 61-3	2.2	51
172	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
171	The clinical spectrum of late-onset Alexander disease: a systematic literature review. <i>Journal of Neurology</i> , 2010 , 257, 1955-62	5.5	50
170	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

169	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
168	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
167	Reliability of transfer function estimates in cardiovascular variability analysis. <i>Medical and Biological Engineering and Computing</i> , 2001 , 39, 338-47	3.1	47
166	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
165	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
164	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
163	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
162	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
161	Asymmetry and freezing of gait in parkinsonian patients. <i>Journal of Neurology</i> , 2013 , 260, 71-6	5.5	43
160	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
159	Cardiovagal response to acute mild exercise in young healthy subjects. <i>Circulation Journal</i> , 2005 , 69, 976-80	2.9	38
158	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
157	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
156	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
155	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
154	Rehabilitation in progressive supranuclear palsy: Effectiveness of two multidisciplinary treatments. <i>PLoS ONE</i> , 2017 , 12, e0170927	3.7	35
153	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
152	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

151	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
150	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
149	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
148	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
147	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
146	Reproducibility of the six-minute walking test in chronic heart failure patients. <i>Statistics in Medicine</i> , 2000 , 19, 3087-94	2.3	30
145	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
144	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
143	Multidisciplinary intensive rehabilitation treatment improves sleep quality in Parkinson's disease. <i>Journal of Clinical Movement Disorders</i> , 2015 , 2, 11	2.8	27
142	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
141	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
140	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
139	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
138	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
137	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
136	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
135	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
134	Heart rate variability and drawing impairment in hypoxemic COPD. <i>Brain and Cognition</i> , 2009 , 70, 163-70	2.7	22

133	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
132	Influence of residual ischaemia on heart rate variability after myocardial infarction. <i>European Heart Journal</i> , 1997 , 18, 78-83	9.5	21
131	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
130	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002 , 103, 81	6.5	21
129	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
128	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
127	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
126	Baroreflex Sensitivity Assessment [Latest Advances and Strategies. <i>European Cardiology Review</i> , 2011 , 7, 89	3.9	20
125	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
124	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
123	Parkinson's disease rehabilitation: a pilot study with 1 year follow up. <i>Movement Disorders</i> , 2010 , 25, 1762-3	7	18
122	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
121	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
120	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
119	Differences in muscle strength in parkinsonian patients affected on the right and left side. <i>PLoS ONE</i> , 2015 , 10, e0121251	3.7	17
118	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
117	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
116	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

115	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
114	Rehabilitation improves dyskinesias in Parkinsonian patients: a pilot study comparing two different rehabilitative treatments. <i>NeuroRehabilitation</i> , 2012 , 30, 295-301	2	15
113	Severe Constipation in Parkinson's Disease and in Parkinsonisms: Prevalence and Affecting Factors. <i>Frontiers in Neurology</i> , 2019 , 10, 621	4.1	14
112	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
111	Non-invasive baroreflex sensitivity assessment using wavelet transfer function-based time-frequency analysis. <i>Physiological Measurement</i> , 2010 , 31, 1021-36	2.9	14
110	Reliability of a hand gripping endurance test. <i>Ergonomics</i> , 1997 , 40, 428-34	2.9	14
109	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
108	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
107	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
106	Rehabilitation in Parkinson's disease: assessing the outcome using objective metabolic measurements. <i>Movement Disorders</i> , 2010 , 25, 609-14	7	12
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	Does Cognitive Impairment Affect Rehabilitation Outcome in Parkinson's Disease?. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 192	5.3	11

97	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
96	Screening for neuropsychological impairment in COPD patients undergoing rehabilitation. <i>PLoS ONE</i> , 2018 , 13, e0199736	3.7	10
95	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
94	Effectiveness of an intensive rehabilitation treatment on different Parkinson's disease subtypes. <i>NeuroRehabilitation</i> , 2013 , 33, 299-303	2	10
93	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
92	Long-term time-course of nocturnal breathing disorders in heart failure patients. <i>European Respiratory Journal</i> , 2010 , 35, 361-7	13.6	10
91	Phase shifts of synchronized oscillators and the systolic-diastolic blood pressure relation. <i>Physical Review E</i> , 2004 , 69, 061923	2.4	10
90	Paced Breathing Increases the Redundancy of Cardiorespiratory Control in Healthy Individuals and Chronic Heart Failure Patients. <i>Entropy</i> , 2018 , 20,	2.8	10
89	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
88	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
87	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
86	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
85	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
84	Pisa Syndrome in Parkinson's Disease: Electromyographic Aspects and Implications for Rehabilitation. <i>Parkinsons Disease</i> , 2015 , 2015, 437190	2.6	8
83	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
82	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
81	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
80	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

79	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
78	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
77	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
76	Symbolic analysis of 24h holter heart period variability series: comparison between normal and heart failure patients 2005 ,		7
75	How Cognition and Motivation "Freeze" the Motor Behavior in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1302	5.1	7
74	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
73	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
72	Reproducibility of short- and long-term Poincare plot parameters compared with frequency-domain HRV indexes in congestive heart failure		6
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	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
69	Asymmetric Dopaminergic Degeneration and Attentional Resources in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2018 , 12, 972	5.1	6
68	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
67	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
66	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
65	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
64	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
63	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
62	Preliminary study of muscle contraction assessment by NIR spectroscopy 1998 ,		5

61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	Home telemonitoring of chronic heart failure patients: novel system architecture of the home or hospital in heart failure study 2003 ,		4
52	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
51	Linking process-based and empirical forest models in eucalyptus plantations in Brazil. 2003 , 63-74		4
50	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
49	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
48	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
47	Inflammation and rehabilitation outcomes in patients with nontraumatic intracranial haemorrhage. <i>NeuroRehabilitation</i> , 2018 , 42, 449-456	2	4
46	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
45	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
44	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

43	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
42	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
41	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
40	Estimation of the respiratory activity from orthogonal ECG leads 2003 ,		3
39	Linear and non-linear indices of heart rate variability in chronic heart failure: mutual interrelationships and prognostic value 2005 ,		3
38	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
37	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
36	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
35	Hypomania, Depression, Euthymia: New Evidence in Parkinson's Disease. <i>Behavioural Neurology</i> , 2020 , 2020, 5139237	3	2
34	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
33	Quantitative Poincare plots analysis contains relevant information related to heart rate variability dynamics of normal and pathological subjects		2
32	Prognostic value of Poincare/spl acute/ plot indexes in chronic heart failure patients		2
31	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
30	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
29	Not Only Sleep Apnea: The Awake Apneas of the Failing Heart 2017 , 169-181		1
28	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
27	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
26	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

25	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
24	Coherence and transfer function estimation in cardiovascular variability analysis: a comparison between the classical and autoregressive approach		1
23	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
22	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
21	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
20	Changes induced by tilting on Poincare plots and symbolic dynamic patterns of HRV compared to spectral indexes in post-MI and normal subjects		1
19	Correlation between power-law behavior and Poincare plots of heart rate variability in congestive heart failure patients		1
18	Neural control of cardiovascular function: a case study on a patient carrying a left ventricular assist device		1
17			1
16	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
15	Occupational Therapy for Parkinsonian Patients: A Retrospective Study. <i>Parkinsons Disease</i> , 2019 , 2019, 4561830	2.6	1
14	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
13	Pathological evidence of adrenergic cardiac denervation in a patient with congestive heart failure. <i>Cardiovascular Pathology</i> , 2018 , 36, 20-21	3.8	1
12	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
11	The patient-caregiver dyad: the impact of cognitive and functional impairment. <i>Neurological Sciences</i> , 2021 , 1	3.5	0
10	CARDIAC chronotropic effects of sleep-disordered breathing in patients with heart failure. <i>Journal of Sleep Research</i> , 2021 , 30, e13160	5.8	0
9	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
8	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

7	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
6	Milestones and Timescale of Poststroke Recovery: A Cohort Study. <i>Behavioural Neurology</i> , 2020, 8216758	3	
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> , 2009, 2009, 6276-9	0.9	
4	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	
3	Power Spectral Analysis of Heart Rate Variability and Baroreflex Gain: Author's Reply. <i>Clinical Science</i> , 1995, 89, 556-556	6.5	
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	Neuropsychological and executive screening in obstructive sleep apnea: early effect of ventilatory therapy. <i>Minerva Medica</i> , 2021, 112, 346-353	2.2	