

Roberto Maestri

List of Publications by Year in descending order

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243
papers

7,878
citations

50244

46
h-index

62565

80
g-index

246
all docs

246
docs citations

246
times ranked

7744
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Heart Rate Variability Strongly Predicts Sudden Cardiac Death in Chronic Heart Failure Patients. <i>Circulation</i> , 2003, 107, 565-570.	1.6	770
2	Arterial Baroreflex Modulation of Heart Rate in Chronic Heart Failure. <i>Circulation</i> , 1997, 96, 3450-3458.	1.6	374
3	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, 103-109.	1.8	265
4	Heart rate variability measures: a fresh look at reliability. <i>Clinical Science</i> , 2007, 113, 131-140.	1.8	215
5	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, 1139-1143.	2.2	187
6	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, 246-252.	1.6	176
7	Surrogate Data Analysis for Assessing the Significance of the Coherence Function. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1156-1166.	2.5	158
8	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, 1259-1266.	1.2	155
9	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, 1223-1238.	1.6	154
10	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, 193-199.	1.2	151
11	Non-stationarities significantly distort short-term spectral, symbolic and entropy heart rate variability indices. <i>Physiological Measurement</i> , 2011, 32, 1775-1786.	1.2	151
12	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, 357-362.	1.0	145
13	Intensive Rehabilitation Treatment in Early Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 123-131.	1.4	137
14	Home telemonitoring in heart failure patients: the HHH study (Home or Hospital in Heart Failure). <i>European Journal of Heart Failure</i> , 2009, 11, 312-318.	2.9	130
15	Nonlinear Indices of Heart Rate Variability in Chronic Heart Failure Patients: Redundancy and Comparative Clinical Value. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 425-433.	0.8	121
16	An integrated approach based on uniform quantization for the evaluation of complexity of short-term heart period variability: Application to 24h Holter recordings in healthy and heart failure humans. <i>Chaos</i> , 2007, 17, 015117.	1.0	118
17	Intensive Rehabilitation Increases BDNF Serum Levels in Parkinsonian Patients. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 163-168.	1.4	118
18	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, 1612-1618.	1.2	104

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19	Accounting for Respiration is Necessary to Reliably Infer Granger Causality From Cardiovascular Variability Series. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 832-841.	2.5	103
20	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-H433.	1.5	96
21	Effectiveness of Intensive Inpatient Rehabilitation Treatment on Disease Progression in Parkinsonian Patients. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 144-150.	1.4	90
22	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, 1210-1217.	1.0	83
23	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.	0.9	81
24	Scopolamine improves autonomic balance in advanced congestive heart failure.. <i>Circulation</i> , 1994, 90, 838-843.	1.6	80
25	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, 900-904.	0.7	80
26	Assessing nonlinear properties of heart rate variability from short-term recordings: are these measurements reliable?. <i>Physiological Measurement</i> , 2007, 28, 1067-1077.	1.2	78
27	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, 1314-1321.	1.2	76
28	The Beneficial Role of Intensive Exercise on Parkinson Disease Progression. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 523-532.	0.7	74
29	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002, 103, 81-88.	1.8	72
30	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, 344-351.	1.2	64
31	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, 1410-1419.	2.9	64
32	Application of time series spectral analysis theory: analysis of cardiovascular variability signals. <i>Medical and Biological Engineering and Computing</i> , 1996, 34, 142-148.	1.6	63
33	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.	1.1	61
34	The accuracy of power-spectrum analysis of heart-rate variability from annotated RR lists generated by Holter systems. <i>Physiological Measurement</i> , 1994, 15, 163-179.	1.2	60
35	The clinical spectrum of late-onset Alexander disease: a systematic literature review. <i>Journal of Neurology</i> , 2010, 257, 1955-1962.	1.8	60
36	Invasive and non-invasive determinants of pulmonary hypertension in patients with chronic heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2000, 19, 426-438.	0.3	59

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37	Clinical relevance of short-term day-time breathing disorders in chronic heart failure patients. <i>European Journal of Heart Failure</i> , 2007, 9, 949-954.	2.9	59
38	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, 237-250.	3.8	59
39	Asymmetry and freezing of gait in parkinsonian patients. <i>Journal of Neurology</i> , 2013, 260, 71-76.	1.8	59
40	Reliability of transfer function estimates in cardiovascular variability analysis. <i>Medical and Biological Engineering and Computing</i> , 2001, 39, 338-347.	1.6	58
41	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.	0.0	57
42	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, 1359-1375.	1.6	57
43	Clinical value of baroreflex sensitivity. <i>Netherlands Heart Journal</i> , 2013, 21, 61-63.	0.3	56
44	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.	1.4	53
45	Periodic breathing in heart failure patients: testing the hypothesis of instability of the chemoreflex loop. <i>Journal of Applied Physiology</i> , 2000, 89, 2147-2157.	1.2	52
46	Assessment of baroreflex sensitivity from spontaneous oscillations of blood pressure and heart rate: proven clinical value?. <i>Physiological Measurement</i> , 2015, 36, 741-753.	1.2	52
47	COPD patients' self-reported adherence, psychosocial factors and mild cognitive impairment in pulmonary rehabilitation. <i>International Journal of COPD</i> , 2017, Volume 12, 2059-2067.	0.9	52
48	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, 1089-1098.	1.2	49
49	POLYAN: A computer program for polyparametric analysis of cardio-respiratory variability signals. <i>Computer Methods and Programs in Biomedicine</i> , 1998, 56, 37-48.	2.6	48
50	Estimation of arterial blood pressure variability by spectral analysis: comparison between Finapres and invasive measurements. <i>Physiological Measurement</i> , 1996, 17, 147-169.	1.2	45
51	Rehabilitation in progressive supranuclear palsy: Effectiveness of two multidisciplinary treatments. <i>PLoS ONE</i> , 2017, 12, e0170927.	1.1	45
52	New criteria for estimating baroreflex sensitivity using the transfer function method. <i>Medical and Biological Engineering and Computing</i> , 2002, 40, 79-84.	1.6	43
53	Different estimation methods of spontaneous baroreflex sensitivity have different predictive value in heart failure patients. <i>Journal of Hypertension</i> , 2017, 35, 1666-1675.	0.3	43
54	The Development of Hyperventilation in Patients With Chronic Heart Failure and Cheyne-Stokes Respiration. <i>Chest</i> , 1998, 114, 1083-1090.	0.4	42

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55	Cardiovagal Response to Acute Mild Exercise in Young Healthy Subjects. <i>Circulation Journal</i> , 2005, 69, 976-980.	0.7	42
56	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, 1302-1309.	2.9	42
57	Multidisciplinary intensive rehabilitation treatment improves sleep quality in Parkinson's disease. <i>Journal of Clinical Movement Disorders</i> , 2015, 2, 11.	2.2	42
58	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, 601-610.	2.9	41
59	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, 1522-1529.	1.0	39
60	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.	0.3	37
61	Comparison of the prognostic values of invasive and noninvasive assessments of baroreflex sensitivity in heart failure. <i>Journal of Hypertension</i> , 2011, 29, 1546-1552.	0.3	37
62	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.	0.5	36
63	Noninvasive measurement of blood pressure variability: accuracy of the Finometer monitor and comparison with the Finapres device. <i>Physiological Measurement</i> , 2005, 26, 1125-1136.	1.2	34
64	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, 879-888.	1.2	33
65	Reproducibility of the six-minute walking test in chronic heart failure patients. <i>Statistics in Medicine</i> , 2000, 19, 3087-3094.	0.8	33
66	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002, 103, 81.	1.8	30
67	Reliability of heart rate variability measurements in patients with a history of myocardial infarction. <i>Clinical Science</i> , 2010, 118, 195-201.	1.8	29
68	Can cardiorespiratory polygraphy replace portable polysomnography in the assessment of sleep-disordered breathing in heart failure patients?. <i>Sleep and Breathing</i> , 2014, 18, 475-482.	0.9	29
69	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, 1675-1684.	1.2	28
70	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, 20-26.	0.8	28
71	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.	1.1	28
72	Balance Dysfunction in Parkinson's Disease: The Role of Posturography in Developing a Rehabilitation Program. <i>Parkinson's Disease</i> , 2015, 2015, 1-10.	0.6	27

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73	Heart rate variability and drawing impairment in hypoxemic COPD. <i>Brain and Cognition</i> , 2009, 70, 163-170.	0.8	26
74	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.	0.7	26
75	Baroreflex Sensitivity Assessment – Latest Advances and Strategies. <i>European Cardiology Review</i> , 2011, 7, 89.	0.7	26
76	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, 371-379.	0.8	25
77	Severe Constipation in Parkinson's Disease and in Parkinsonisms: Prevalence and Affecting Factors. <i>Frontiers in Neurology</i> , 2019, 10, 621.	1.1	25
78	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.	1.1	25
79	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>Parkinson's Disease</i> , 2013, 2013, 1-5.	0.6	24
80	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.	1.1	24
81	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, 226-232.	0.3	23
82	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.	1.0	23
83	Differences in Muscle Strength in Parkinsonian Patients Affected on the Right and Left Side. <i>PLoS ONE</i> , 2015, 10, e0121251.	1.1	23
84	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, 624-630.	2.9	22
85	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, 214-220.	0.5	22
86	Heart rate and cardiac allograft vasculopathy in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 1368-1373.	0.3	22
87	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, 279-284.	1.8	22
88	Relative lymphocyte count as an indicator of 3-year mortality in elderly people with severe COPD. <i>BMC Pulmonary Medicine</i> , 2018, 18, 116.	0.8	22
89	Influence of residual ischaemia on heart rate variability after myocardial infarction. <i>European Heart Journal</i> , 1997, 18, 78-83.	1.0	21
90	Screening for neuropsychological impairment in COPD patients undergoing rehabilitation. <i>PLoS ONE</i> , 2018, 13, e0199736.	1.1	21

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91	Early Rehabilitation Reduces Time to Decannulation in Patients With Severe Acquired Brain Injury: A Retrospective Study. <i>Frontiers in Neurology</i> , 2018, 9, 559.	1.1	20
92	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, 806-812.	0.3	19
93	Rehabilitation in Parkinson's disease: Assessing the outcome using objective metabolic measurements. <i>Movement Disorders</i> , 2010, 25, 609-614.	2.2	19
94	Parkinson's disease rehabilitation: A pilot study with 1 year follow up. <i>Movement Disorders</i> , 2010, 25, 1762-1763.	2.2	19
95	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, 1845.	1.7	19
96	Reproducibility of short- and long-term Poincare plot parameters compared with frequency-domain HRV indexes in congestive heart failure. , 0, , .		18
97	Pathophysiological and clinical relevance of simplified monitoring of nocturnal breathing disorders in heart failure patients. <i>European Journal of Heart Failure</i> , 2009, 11, 264-272.	2.9	18
98	Night-to-night repeatability of measurements of nocturnal breathing disorders in clinically stable chronic heart failure patients. <i>Sleep and Breathing</i> , 2011, 15, 673-678.	0.9	18
99	Crossover versus Stabilometric Platform for the Treatment of Balance Dysfunction in Parkinson's Disease: A Randomized Study. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	18
100	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.	1.1	18
101	Reliability of a hand gripping endurance test. <i>Ergonomics</i> , 1997, 40, 428-434.	1.1	16
102	Rehabilitation improves dyskinesias in Parkinsonian patients: A pilot study comparing two different rehabilitative treatments. <i>NeuroRehabilitation</i> , 2012, 30, 295-301.	0.5	16
103	Sleep-wake fluctuations and respiratory events during <sc>C</sc>heyne<sc>S</sc>tokes respiration in patients with heart failure. <i>Journal of Sleep Research</i> , 2014, 23, 349-359.	1.7	16
104	Dopamine Replacement Therapy, Learning and Reward Prediction in Parkinson's Disease: Implications for Rehabilitation. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 121.	1.0	16
105	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.	1.1	16
106	Non-invasive baroreflex sensitivity assessment using wavelet transfer function-based time-frequency analysis. <i>Physiological Measurement</i> , 2010, 31, 1021-1036.	1.2	15
107	Rehabilitation: Periodic somatosensory stimulation increases arterial baroreflex sensitivity in chronic heart failure patients. <i>International Journal of Cardiology</i> , 2011, 152, 237-241.	0.8	15
108	Focused and Sustained Attention Is Modified by a Goal-Based Rehabilitation in Parkinsonian Patients. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 56.	1.0	15

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109	Effectiveness of aquatic versus land physiotherapy in the treatment of peripheral neuropathies: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2018, 32, 663-670.	1.0	15
110	Symbolic analysis of 24h holter heart period variability series: comparison between normal and heart failure patients. , 2005, , .		14
111	Clinical correlates of non-linear indices of heart rate variability in chronic heart failure patients. <i>Biomedizinische Technik</i> , 2006, 51, 220-223.	0.9	14
112	Safety and Feasibility of a Very Early Verticalization in Patients With Severe Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2015, 30, 290-292.	1.0	14
113	Does Cognitive Impairment Affect Rehabilitation Outcome in Parkinsonâ€™s Disease?. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 192.	1.7	14
114	Paced Breathing Increases the Redundancy of Cardiorespiratory Control in Healthy Individuals and Chronic Heart Failure Patients. <i>Entropy</i> , 2018, 20, 949.	1.1	14
115	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, 754-757.	2.5	13
116	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.	0.8	13
117	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.	1.1	13
118	Phase shifts of synchronized oscillators and the systolic-diastolic blood pressure relation. <i>Physical Review E</i> , 2004, 69, 061923.	0.8	12
119	Viscerosensory-cardiovascular reflexes: altered baroreflex sensitivity in irritable bowel syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R970-R976.	0.9	12
120	A hybrid approach for continuous detection of sleepâ€™wakefulness fluctuations: validation in patients with Cheyneâ€™Stokes respiration. <i>Journal of Sleep Research</i> , 2012, 21, 342-351.	1.7	12
121	Effectiveness of an intensive rehabilitation treatment on different Parkinson's disease subtypes. <i>NeuroRehabilitation</i> , 2013, 33, 299-303.	0.5	12
122	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, 1123-1132.	1.2	12
123	Spontaneous baroreceptor reflex sensitivity for risk stratification of heart failure patients: optimal cut-off and age effects. <i>Clinical Science</i> , 2015, 129, 1163-1172.	1.8	12
124	Pisa Syndrome in Parkinsonâ€™s Disease: Electromyographic Aspects and Implications for Rehabilitation. <i>Parkinson's Disease</i> , 2015, 2015, 1-6.	0.6	12
125	Rehabilitation of hypomimia in Parkinsonâ€™s disease: a feasibility study of two different approaches. <i>Neurological Sciences</i> , 2016, 37, 431-436.	0.9	12
126	Effectiveness of a Goal-Based Intensive Rehabilitation in Parkinsonian Patients in Advanced Stages of Disease. <i>Journal of Parkinson's Disease</i> , 2018, 8, 113-119.	1.5	12

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127	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, 89-91.	0.0	11
128	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, 444-453.	0.5	11
129	Long-term time-course of nocturnal breathing disorders in heart failure patients. <i>European Respiratory Journal</i> , 2010, 35, 361-367.	3.1	11
130	Intensive Rehabilitation Treatment in Parkinsonian Patients with Dyskinesias: A Preliminary Study with 6-Month Followup. <i>Parkinson's Disease</i> , 2012, 2012, 1-4.	0.6	11
131	Asymmetric Dopaminergic Degeneration and Attentional Resources in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 972.	1.4	11
132	The mediating role of cytokine IL-6 on the relationship of FEV1 upon 6-minute walk distance in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2014, 9, 1091.	0.9	10
133	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.	1.8	9
134	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, 147-159.	2.6	9
135	Leave-one-out prediction error of systolic arterial pressure time series under paced breathing. <i>Physiological Measurement</i> , 2005, 26, 363-372.	1.2	9
136	Pre-Discharge Evaluation in Heart Failure – Additive Predictive Value of the 6-Minute Walking Test to Clinical Scores. <i>Circulation Journal</i> , 2015, 79, 1756-1763.	0.7	9
137	Treadmill Training with Cues and Feedback Improves Gait in People with More Advanced Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2017, 7, 729-739.	1.5	9
138	The relationship between plasma amino acids and circulating albumin and haemoglobin in postabsorptive stroke patients. <i>PLoS ONE</i> , 2019, 14, e0219756.	1.1	9
139	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, 2667.	1.7	9
140	How Cognition and Motivation “Freeze” the Motor Behavior in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 1302.	1.4	9
141	Home telemonitoring of chronic heart failure patients: novel system architecture of the home or hospital in heart failure study. , 2003, , .		8
142	Different Predictive Values of Electrophysiological Testing and Autonomic Assessment in Patients Surviving a Sustained Arrhythmic Episode. <i>Circulation Journal</i> , 2004, 68, 634-638.	0.7	8
143	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.	0.8	8
144	<title>Preliminary study of muscle contraction assessment by NIR spectroscopy</title>. , 1998, , .		7

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145	Correlation between power-law behavior and Poincare plots of heart rate variability in congestive heart failure patients. , 0, , .		7
146	Effect of Î²-Blockade on the Premature Ventricular Beats/Heart Rate Relation and Heart Rate Variability in Patients with Coronary Heart Disease and Severe Ventricular Arrhythmias. American Journal of Therapeutics, 2000, 7, 229-236.	0.5	7
147	Fluctuations of the fractal dimension of the electroencephalogram during periodic breathing in heart failure patients. Journal of Computational Neuroscience, 2010, 28, 557-565.	0.6	7
148	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. Journal of Neurology, 2018, 265, 906-916.	1.8	7
149	Psychomotor speed as a predictor of functional status in older chronic heart failure (CHF) patients attending cardiac rehabilitation. PLoS ONE, 2020, 15, e0235570.	1.1	7
150	Lack of association between heart period variability asymmetry and respiratory sinus arrhythmia in healthy and chronic heart failure individuals. PLoS ONE, 2021, 16, e0247145.	1.1	7
151	Is the Brain Undernourished in Alzheimer's Disease?. Nutrients, 2022, 14, 1872.	1.7	7
152	Daytime periodic breathing during short-term laboratory recordings in heart failure patients: the iceberg tip of central sleep apnoea?. European Journal of Heart Failure, 2018, 20, 934-936.	2.9	6
153	Temporal relationship between arousals and Cheyne-Stokes respiration with central sleep apnea in heart failure patients. Clinical Neurophysiology, 2018, 129, 1955-1963.	0.7	6
154	Inflammation, pressure ulcers and poor functional status predict negative rehabilitation outcomes in postacute geriatric patients. Aging Clinical and Experimental Research, 2021, 33, 463-467.	1.4	6
155	Essential amino acid supplementation is associated with reduced serum C-reactive protein levels and improved circulating lymphocytes in post-acute inflamed elderly patients. International Journal of Immunopathology and Pharmacology, 2021, 35, 205873842110368.	1.0	6
156	Prognostic value of Poincaré plot indexes in chronic heart failure patients. , 0, , .		5
157	Medicinal clays improve the endurance of loaded inspiratory muscles in COPD: a randomized clinical trial of nonpharmacological treatment. International Journal of COPD, 2015, 10, 2235.	0.9	5
158	Prevalence of job-related distress and satisfaction in a nationwide cardiology setting. Journal of Cardiovascular Medicine, 2016, 17, 587-594.	0.6	5
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. Sleep Medicine, 2017, 34, 30-32.	0.8	5
160	Estimation of baroreflex sensitivity by the bivariate phase rectified signal averaging method: a comparison with the phenylephrine method. Physiological Measurement, 2017, 38, 1874-1884.	1.2	5
161	Arterial oxygen saturation during Cheyne-Stokes respiration in heart failure patients: does measurement site matter?. Sleep Medicine, 2019, 55, 6-13.	0.8	5
162	Hypomania, Depression, Euthymia: New Evidence in Parkinson's Disease. Behavioural Neurology, 2020, 2020, 1-8.	1.1	5

#	ARTICLE	IF	CITATIONS
163	Effect of bronchodilatation on single breath pulmonary uptake of carbon monoxide in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2006, 1, 477-483.	0.9	5
164	Optimization of cognitive assessment in Parkinsonisms by applying artificial intelligence to a comprehensive screening test. <i>Npj Parkinson's Disease</i> , 2022, 8, 42.	2.5	5
165	Estimation of the respiratory activity from orthogonal ECG leads. , 2003, , .		4
166	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.	0.3	4
167	Linear and non-linear indices of heart rate variability in chronic heart failure: mutual interrelationships and prognostic value. , 2005, , .		4
168	Prediction of sudden death in heart failure patients: a novel perspective from the assessment of the peak ectopy rate. <i>Europace</i> , 2007, 9, 385-390.	0.7	4
169	Periodic breathing and state instability during supine laboratory recordings in chronic heart failure patients. , 2008, 2008, 5398-401.		4
170	Assessing the severity and improving the understanding of sleep-related breathing disorders in heart failure patients. , 2010, 2010, 3571-4.		4
171	Disexecutive Functions and Depression in Patients with Parkinson Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 764-773.	0.7	4
172	Inflammation and rehabilitation outcomes in patients with nontraumatic intracranial haemorrhage. <i>NeuroRehabilitation</i> , 2018, 42, 449-456.	0.5	4
173	Occupational Therapy for Parkinsonian Patients: A Retrospective Study. <i>Parkinson's Disease</i> , 2019, 2019, 1-7.	0.6	4
174	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.	0.5	4
175	Linking process-based and empirical forest models in eucalyptus plantations in Brazil.. , 2003, , 63-74.		4
176	The patientâ€™caregiver dyad: the impact of cognitive and functional impairment. <i>Neurological Sciences</i> , 2022, 43, 2481-2490.	0.9	4
177	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.	1.2	4
178	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> , 0, , 1-15.	1.3	4
179	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
180	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.	0.5	3

#	ARTICLE	IF	CITATIONS
181	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.	2.6	3
182	Quantitative assessment of the quality of home sleep studies: A computer-assisted approach. <i>Journal of Sleep Research</i> , 2020, 29, e12899.	1.7	3
183	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.	1.2	3
184	New insights on the origin of the VLF cardiorespiratory rhythm in chronic heart failure patients. , 0, , .		2
185	Accuracy of telemetry signals in the post-implantation monitoring of electrograms sensed by pacemakers. <i>Medical Engineering and Physics</i> , 1996, 18, 18-25.	0.8	2
186	Limitations of the computerized laryngeal analyzer (CLA) in the assessment of the swallowing mechanism. <i>Medical Engineering and Physics</i> , 2000, 22, 223-227.	0.8	2
187	Quantitative poincare plots analysis contains relevant information related to heart rate variability dynamics of normal and pathological subjects. , 0, , .		2
188	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.	2.2	2
189	Altered Amino Acid Metabolism in Patients with Cardiorenal Syndrome Type 2: Is It a Problem for Protein and Exercise Prescriptions?. <i>Nutrients</i> , 2021, 13, 1632.	1.7	2
190	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.	0.9	2
191	Cheyne-Stokes Respiration During Awake Day-Time in Chronic Heart Failure: Prognostic Implication. <i>Journal of the American College of Cardiology</i> , 1998, 31, 249A-250A.	1.2	2
192	Correlation between Fractal Behavior of HRV and Neurohormonal and Functional Indexes in Chronic Heart Failure. <i>IFMBE Proceedings</i> , 2010, , 53-56.	0.2	2
193	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.	1.3	2
194	Neural control of cardiovascular function: a case study on a patient carrying a left ventricular assist device. , 0, , .		1
195	Arterial blood pressure and heart period relationships during periodic breathing in chronic heart failure patients. , 0, , .		1
196	Coherence and transfer function estimation in cardiovascular variability analysis: a comparison between the classical and autoregressive approach. , 0, , .		1
197	Factors affecting the reliability of transfer function estimates of cardiovascular variability signals. , 0, , .		1
198	Detection of apneas during 24-Hour ambulatory monitoring of ECG and respiration in chronic heart failure patients with Cheyne-Stokes breathing. , 0, , .		1

#	ARTICLE	IF	CITATIONS
199	Changes induced by tilting on Poincare plots and symbolic dynamic patterns of HRV compared to spectral indexes in post-MI and normal subjects. , 0, , .		1
200	Long-term monitoring of sleep apnea at home in heart failure patients: preliminary results from the HHH study. , 2004, 2004, 3874-7.		1
201	Sympathetic neurohormonal correlates of linear and symbolic dynamics heart rate variability indexes in chronic heart failure. , 2008, , .		1
202	Circadian variations of short-term heart period irreversibility in healthy and chronic heart failure patients. , 2008, 2008, 2116-9.		1
203	Additive prognostic value of subjective assessment with respect to clinical cardiological data in patients with chronic heart failure. European Journal of Cardiovascular Prevention and Rehabilitation, 2011, 18, 836-842.	3.1	1
204	Measuring the Effectiveness of an Intensive Rehabilitation Treatment on Balance Parameters in Patients with Parkinsonâ€™s Disease through a Stabilometric Platform. Biosystems and Biorobotics, 2014, , 369-372.	0.2	1
205	Heart Rate and Cardiac Allograft Vasculopathy in Heart Transplant Recipients. Journal of Heart and Lung Transplantation, 2016, 35, S197-S198.	0.3	1
206	Not Only Sleep Apnea: The â€œAwakeâ€•Apneas of the Failing Heart. , 2017, , 169-181.		1
207	Inflammation and rehabilitation outcomes in patients with nontraumatic intracranial haemorrhage. NeuroRehabilitation, 2018, , 1-8.	0.5	1
208	Pathological evidence of adrenergic cardiac denervation in a patient with congestive heart failure. Cardiovascular Pathology, 2018, 36, 20-21.	0.7	1
209	CARDIAC chronotropic effects of sleepâ€™disordered breathing in patients with heart failure. Journal of Sleep Research, 2021, 30, e13160.	1.7	1
210	Neuropsychological and executive screening in obstructive sleep apnea: early effect of ventilatory therapy. Minerva Medica, 2021, 112, 346-353.	0.3	1
211	Experimental Protocol to Test Explicit Motor Learningâ€™Cerebellar Theta Burst Stimulation. Frontiers in Rehabilitation Sciences, 2021, 2, .	0.5	1
212	P2833 Association of oscillatory breathing patterns during wakefulness with long-term prognosis in patients with chronic heart failure. European Heart Journal, 2003, 24, 537.	1.0	1
213	Power Spectral Analysis of Heart Rate Variability and Baroreflex Gain: Author's Reply. Clinical Science, 1995, 89, 556-556.	1.8	0
214	Sequence versus phenylephrine assessment of the baroreflex gain in post-myocardial infarction patients. , 0, , .		0
215	Baroreflex gain measured by the phenylephrine method and by the Robbe spectral technique in post-myocardial infarction patients. , 0, , .		0
216	Systemic arterial pressure oscillations during periodic breathing in chronic heart failure patients. , 0, , .		0

#	ARTICLE	IF	CITATIONS
217	Diastolic-systolic lag in spontaneous arterial blood pressure oscillations in normal and pathological subjects. , 0, , .		0
218	Cardiorespiratory interactions during slow (≈ 0.4 Hz) changes of respiratory activity. , 0, , .		0
219	Broad-band neck suction in the assessment of the dynamics of the baroreflex-heart rate transfer in humans. , 0, , .		0
220	Reflex changes of heart rate during very slow (≈ 0.04 Hz) changes of lung volume. , 0, , .		0
221	Relative contributions of spontaneous and centrally driven vasomotion in the overestimation of blood pressure variability at the finger. , 0, , .		0
222	Time Trends in the Intracardiac Potential Recorded by Pacemaker Telemetry: Comparison Between Steroid-Eluting Small Area Electrodes. PACE - Pacing and Clinical Electrophysiology, 1999, 22, 1164-1172.	0.5	0
223	Determinant role of short-term heart rate variability in the prediction of mortality in patients with chronic heart failure. , 0, , .		0
224	Baroreflex sensitivity estimation by the transfer function method revised: Effect of changing the coherence criterion. , 0, , .		0
225	Prognostic value of non invasive baroreflex sensitivity in chronic heart failure patients. , 0, , .		0
226	Effect of controlled breathing on short-term cardiovascular variability: An investigation in chronic heart failure patients. , 0, , .		0
227	PCV15 MANAGEMENT EFFECTIVENESS AND COST/UTILITY RATIO IN CHRONIC HEART FAILURE: COMPARISON BETWEEN HEART FAILURE MANAGEMENT PROGRAM DELIVERED BY DAY-HOSPITAL AND USUAL CARE. Value in Health, 2002, 5, 483.	0.1	0
228	Effect of paced breathing on cardiovascular variability parameters. , 0, , .		0
229	Home telemonitoring of vital signs and cardiorespiratory signals in chronic heart failure patients. , 0, , .		0
230	Spectral analysis of arterial blood pressure variability: assessing the accuracy of the Finometer device. , 2003, , .		0
231	Standing revised: assessing baroreflex sensitivity by the modified transfer function method. , 0, , .		0
232	Prevalence and persistence of breathing disorders in chronic heart failure patients: preliminary results from home telemonitoring in the HHH study. , 2005, , .		0
233	Chemical instability, state instability and arousals in the pathogenesis of Periodic Breathing in heart failure patients. , 2008, , .		0
234	Relationship between ventilatory oscillations and fractal dimension of the EEG during daytime periodic breathing in heart failure patients. , 2009, 2009, 6276-9.		0

#	ARTICLE	IF	CITATIONS
235	A computer application for the investigation of cardiac autonomic effects of sleep-disordered breathing in heart failure patients. , 2014, , .		0
236	Assessment of baroreflex sensitivity from spontaneous oscillations of blood pressure and heart rate: Proven clinical value?. , 2014, , .		0
237	Milestones and Timescale of Poststroke Recovery: A Cohort Study. Behavioural Neurology, 2020, 2020, 1-10.	1.1	0
238	Baroreflex Sensitivity Assessmentâ€™Latest Advances and Strategies. US Cardiology Review, 2012, 9, 22-25.	0.5	0
239	Frequency-dependent Response of Arterial Baroreceptors in Heart Failure: Predominance of Modulation of Heart Rate and Blood Pressure in the Very Low Frequency Bands. Journal of the American College of Cardiology, 1998, 31, 48A.	1.2	0
240	Incidence and time of occurrence of arousals during Cheyneâ€™Stokes respiration in heart failure patients. , 2017, , .		0
241	Pulse oximetry during Cheyneâ€™Stokes respiration in heart failure patients: comparison of finger and ear measurements. , 2017, , .		0
242	The continuum between daytime and nighttime disordered breathing in patients with heart failure. , 2017, , .		0
243	Sleep Disordered Breathing (SDB) and Chronic Thromboembolic Pulmonary Hypertension: the Effects of Pulmonary Endarterectomy. , 2017, , .		0