

Roberto Maestri

List of Publications by Year in descending order

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243
papers

7,878
citations

50276

46
h-index

62596

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.	4.3	265
4	Heart rate variability measures: a fresh look at reliability. <i>Clinical Science</i> , 2007, 113, 131-140.	4.3	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.	3.9	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.	4.2	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.	2.8	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.	3.4	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.	2.8	151
11	Non-stationarities significantly distort short-term spectral, symbolic and entropy heart rate variability indices. <i>Physiological Measurement</i> , 2011, 32, 1775-1786.	2.1	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.	2.2	145
13	Intensive Rehabilitation Treatment in Early Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 123-131.	2.9	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.	7.1	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.	1.7	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.	2.5	118
17	Intensive Rehabilitation Increases BDNF Serum Levels in Parkinsonian Patients. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 163-168.	2.9	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.	2.8	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.	4.2	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.	3.2	96
21	Effectiveness of Intensive Inpatient Rehabilitation Treatment on Disease Progression in Parkinsonian Patients. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 144-150.	2.9	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.	2.2	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.	1.9	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.	1.6	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.	2.1	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.	2.8	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.	1.4	74
29	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002, 103, 81-88.	4.3	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.	2.8	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.	7.1	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.	2.8	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.	2.5	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.	2.1	60
35	The clinical spectrum of late-onset Alexander disease: a systematic literature review. <i>Journal of Neurology</i> , 2010, 257, 1955-1962.	3.6	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.	0.6	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.	7.1	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.	6.5	59
39	Asymmetry and freezing of gait in parkinsonian patients. <i>Journal of Neurology</i> , 2013, 260, 71-76.	3.6	59
40	Reliability of transfer function estimates in cardiovascular variability analysis. <i>Medical and Biological Engineering and Computing</i> , 2001, 39, 338-347.	2.8	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.	0.1	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.	3.4	57
43	Clinical value of baroreflex sensitivity. <i>Netherlands Heart Journal</i> , 2013, 21, 61-63.	0.8	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.	3.2	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.	2.5	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.	2.1	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.	2.3	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.	2.7	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.	4.7	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.	2.1	45
51	Rehabilitation in progressive supranuclear palsy: Effectiveness of two multidisciplinary treatments. <i>PLoS ONE</i> , 2017, 12, e0170927.	2.5	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.	2.8	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.	0.5	43
54	The Development of Hyperventilation in Patients With Chronic Heart Failure and Cheyne-Stokes Respiration. <i>Chest</i> , 1998, 114, 1083-1090.	0.8	42

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55	Cardiovagal Response to Acute Mild Exercise in Young Healthy Subjects. <i>Circulation Journal</i> , 2005, 69, 976-980.	1.6	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.	7.1	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.	7.1	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.	2.2	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.	0.6	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.	0.5	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.	0.9	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.	2.1	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.	2.7	33
65	Reproducibility of the six-minute walking test in chronic heart failure patients. <i>Statistics in Medicine</i> , 2000, 19, 3087-3094.	1.6	33
66	Measuring baroreflex sensitivity from the gain function between arterial pressure and heart period. <i>Clinical Science</i> , 2002, 103, 81.	4.3	30
67	Reliability of heart rate variability measurements in patients with a history of myocardial infarction. <i>Clinical Science</i> , 2010, 118, 195-201.	4.3	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.	1.7	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.	2.8	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.	1.8	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.	2.6	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.	1.1	27

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73	Heart rate variability and drawing impairment in hypoxemic COPD. <i>Brain and Cognition</i> , 2009, 70, 163-170.	1.8	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.	1.3	26
75	Baroreflex Sensitivity Assessment – Latest Advances and Strategies. <i>European Cardiology Review</i> , 2011, 7, 89.	2.2	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.	1.7	25
77	Severe Constipation in Parkinson's Disease and in Parkinsonisms: Prevalence and Affecting Factors. <i>Frontiers in Neurology</i> , 2019, 10, 621.	2.4	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.	2.4	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.	1.1	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.	2.2	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.	0.7	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.	2.1	23
83	Differences in Muscle Strength in Parkinsonian Patients Affected on the Right and Left Side. <i>PLoS ONE</i> , 2015, 10, e0121251.	2.5	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.	7.1	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.	1.2	22
86	Heart rate and cardiac allograft vasculopathy in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 1368-1373.	0.6	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.	4.3	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.	2.0	22
89	Influence of residual ischaemia on heart rate variability after myocardial infarction. <i>European Heart Journal</i> , 1997, 18, 78-83.	2.2	21
90	Screening for neuropsychological impairment in COPD patients undergoing rehabilitation. <i>PLoS ONE</i> , 2018, 13, e0199736.	2.5	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.	2.4	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.	0.5	19
93	Rehabilitation in Parkinson's disease: Assessing the outcome using objective metabolic measurements. <i>Movement Disorders</i> , 2010, 25, 609-614.	3.9	19
94	Parkinson's disease rehabilitation: A pilot study with 1 year follow up. <i>Movement Disorders</i> , 2010, 25, 1762-1763.	3.9	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.	4.1	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.	7.1	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.	1.7	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.	1.9	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.	2.5	18
101	Reliability of a hand gripping endurance test. <i>Ergonomics</i> , 1997, 40, 428-434.	2.1	16
102	Rehabilitation improves dyskinesias in Parkinsonian patients: A pilot study comparing two different rehabilitative treatments. <i>NeuroRehabilitation</i> , 2012, 30, 295-301.	1.3	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.	3.2	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.	2.0	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.	2.2	16
106	Non-invasive baroreflex sensitivity assessment using wavelet transfer function-based time-frequency analysis. <i>Physiological Measurement</i> , 2010, 31, 1021-1036.	2.1	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.	1.7	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.	2.0	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.	2.2	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.	0.8	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.	1.7	14
113	Does Cognitive Impairment Affect Rehabilitation Outcome in Parkinsonâ€™s Disease?. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 192.	3.4	14
114	Paced Breathing Increases the Redundancy of Cardiorespiratory Control in Healthy Individuals and Chronic Heart Failure Patients. <i>Entropy</i> , 2018, 20, 949.	2.2	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.	4.2	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.	2.1	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.	2.2	13
118	Phase shifts of synchronized oscillators and the systolic-diastolic blood pressure relation. <i>Physical Review E</i> , 2004, 69, 061923.	2.1	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.	1.8	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.	3.2	12
121	Effectiveness of an intensive rehabilitation treatment on different Parkinson's disease subtypes. <i>NeuroRehabilitation</i> , 2013, 33, 299-303.	1.3	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.	2.1	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.	4.3	12
124	Pisa Syndrome in Parkinsonâ€™s Disease: Electromyographic Aspects and Implications for Rehabilitation. <i>Parkinson's Disease</i> , 2015, 2015, 1-6.	1.1	12
125	Rehabilitation of hypomimia in Parkinsonâ€™s disease: a feasibility study of two different approaches. <i>Neurological Sciences</i> , 2016, 37, 431-436.	1.9	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.	2.8	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.	0.9	11
129	Long-term time-course of nocturnal breathing disorders in heart failure patients. <i>European Respiratory Journal</i> , 2010, 35, 361-367.	6.7	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.	1.1	11
131	Asymmetric Dopaminergic Degeneration and Attentional Resources in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 972.	2.8	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.	2.3	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.	4.3	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.	4.7	9
135	Leave-one-out prediction error of systolic arterial pressure time series under paced breathing. <i>Physiological Measurement</i> , 2005, 26, 363-372.	2.1	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.	1.6	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.	2.8	9
138	The relationship between plasma amino acids and circulating albumin and haemoglobin in postabsorptive stroke patients. <i>PLoS ONE</i> , 2019, 14, e0219756.	2.5	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.	4.1	9
140	How Cognition and Motivation “Freeze” the Motor Behavior in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 1302.	2.8	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.	1.6	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.	1.7	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.	0.9	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.	1.0	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.	3.6	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.	2.5	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.	2.5	7
151	Is the Brain Undernourished in Alzheimer's Disease?. Nutrients, 2022, 14, 1872.	4.1	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.	7.1	6
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