

Assessment of autonomic regulation in chronic congestive heart failure: power spectral analysis

American Journal of Cardiology

61, 1292-1299

DOI: [10.1016/0002-9149\(88\)91172-1](https://doi.org/10.1016/0002-9149(88)91172-1)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Modulation of cardiac autonomic activity during and immediately after exercise. American Journal of Physiology - Heart and Circulatory Physiology, 1989, 256, H132-H141.	1.5	340
2	Methods of spectral analysis of 24 hour monitoring of heart rate variations. , 0, , .		2
3	Time-series analysis of heart rate variability during submaximal exercise. Evidence for reduced cardiac vagal tone in animals susceptible to ventricular fibrillation.. Circulation, 1989, 80, 146-157.	1.6	138
4	Diagnostic and prognostic values and limitations of Holter monitoring. European Heart Journal, 1989, 10, 19-30.	1.0	9
5	Prognostic value of heart rate variability after myocardial infarction. A comparison of different data-processing methods. Medical and Biological Engineering and Computing, 1989, 27, 603-611.	1.6	77
6	Nonlinear interactions between respiration and heart rate: classical physiology or entrained nonlinear oscillators. , 0, , .		10
7	Subnormal heart period variability in heart failure: Effect of cardiac transplantation. Journal of the American College of Cardiology, 1989, 14, 106-111.	1.2	35
8	Comparison of baroreflex sensitivity and heart period variability after myocardial infarction. Journal of the American College of Cardiology, 1989, 14, 1511-1518.	1.2	183
9	Beat to beat variability in cardiovascular variables: Noise or music?. Journal of the American College of Cardiology, 1989, 14, 1139-1148.	1.2	478
10	Heart Rate Variability and Sudden Infant Death Syndrome. PACE - Pacing and Clinical Electrophysiology, 1990, 13, 2096-2099.	0.5	19
11	Effects of transdermal scopolamine on heart rate variability in normal subjects. American Journal of Cardiology, 1990, 65, 604-608.	0.7	83
12	Subnormal parasympathetic activity after cardiac transplantation. American Journal of Cardiology, 1990, 66, 1243-1246.	0.7	49
13	Heart rate variability. Clinical Cardiology, 1990, 13, 570-576.	0.7	303
14	The influence of exercise intensity on the power spectrum of heart rate variability. European Journal of Applied Physiology and Occupational Physiology, 1990, 61, 143-148.	1.2	155
15	Beat-To-Beat Variations of Heart Rate Reflect Modulation of Cardiac Autonomic Outflow. Physiology, 1990, 5, 32-37.	1.6	165
16	Correlation of heart rate variability with ST changes during 24 hour Holter monitoring. , 0, , .		2
17	Sequential spectral analysis of 24-hour blood pressure and pulse interval in humans.. Hypertension, 1990, 16, 414-421.	1.3	135
18	Decreased magnitude of heart rate spectral components in coronary artery disease. Its relation to angiographic severity.. Circulation, 1990, 81, 1217-1224.	1.6	370

#	ARTICLE	IF	CITATIONS
19	Noninvasive Exploration of Cardiac Arrhythmias. Annals of the New York Academy of Sciences, 1990, 601, 312-328.	1.8	9
20	Computer-Assisted Analysis of Holter Recordings. Annals of the New York Academy of Sciences, 1990, 601, 353-369.	1.8	11
21	Use of heart rate spectral analysis to study the effects of calcium channel blockers on sympathetic activity after myocardial infarction. American Heart Journal, 1990, 119, 79-85.	1.2	88
22	Heart rate variability before and after myocardial infarction in conscious dogs at high and low risk of sudden death. Journal of the American College of Cardiology, 1990, 16, 978-985.	1.2	134
23	Heart rate variability in patients with ventricular arrhythmias: Effect of antiarrhythmic drugs. Journal of the American College of Cardiology, 1991, 17, 604-612.	1.2	130
24	Interpolation over ectopic beats increases low frequency power in heart rate variability spectra. , 0, , .		17
25	Impaired heart rate variability in patients with chronic Chagas' disease. American Heart Journal, 1991, 121, 1727-1734.	1.2	87
26	Severity of coronary atherosclerosis correlates with the respiratory component of heart rate variability. American Heart Journal, 1991, 121, 1070-1079.	1.2	126
27	Respiratory variability and associated cardiovascular changes in adults at rest. Clinical Physiology, 1991, 11, 95-118.	0.7	30
28	Pharmacologic responses and spectral analyses of spontaneous fluctuations in heart rate and blood pressure in SHR rats. Journal of the Autonomic Nervous System, 1991, 36, 237-250.	1.9	69
29	Time course of recovery of heart period variability after myocardial infarction. Journal of the American College of Cardiology, 1991, 18, 1643-1649.	1.2	206
30	Parasympathetic withdrawal is an integral component of autonomic imbalance in congestive heart failure: Demonstration in human subjects and verification in a paced canine model of ventricular failure. Journal of the American College of Cardiology, 1991, 18, 464-472.	1.2	337
31	Quantitative Respiratory Sinus Arrhythmia Analysis.. Annals of the New York Academy of Sciences, 1991, 618, 67-101.	1.8	11
32	Aging and the complexity of cardiovascular dynamics. Biophysical Journal, 1991, 59, 945-949.	0.2	413
33	Dynamics of heart rate. Chaos, 1991, 1, 251-256.	1.0	51
34	Cardiovascular neural regulation explored in the frequency domain.. Circulation, 1991, 84, 482-492.	1.6	3,219
35	Dynamic Characteristics of Cardiac R-R Intervals during Sleep and Waking States. Sleep, 1991, 14, 526-533.	0.6	53
36	Autonomic nervous system and cardiovascular variability in rats: a spectral analysis approach. American Journal of Physiology - Heart and Circulatory Physiology, 1991, 261, H1292-H1299.	1.5	167

#	ARTICLE	IF	CITATIONS
37	Heart rate variability in left ventricular hypertrophy and heart failure, and the effects of beta-blockade. <i>European Heart Journal</i> , 1991, 12, 412-422.	1.0	114
38	Accuracy of assessment of cardiac vagal tone by heart rate variability in normal subjects. <i>American Journal of Cardiology</i> , 1991, 67, 199-204.	0.7	656
39	Diurnal variations of neurocardiac rhythms in acute myocardial infarction. <i>American Journal of Cardiology</i> , 1991, 68, 155-160.	0.7	42
40	Analysis of baroreflex control of heart rate in conscious dogs with pacing-induced heart failure.. <i>Circulation</i> , 1991, 83, 260-267.	1.6	55
41	Spectral Analysis of Heart Rate in Diabetic Autonomic Neuropathy. <i>Archives of Neurology</i> , 1991, 48, 185.	4.9	170
42	Decreased cardiac parasympathetic activity in chronic heart failure and its relation to left ventricular function.. <i>Heart</i> , 1992, 67, 482-485.	1.2	145
43	The broken heart: noninvasive measurement of cardiac autonomic tone.. <i>Postgraduate Medical Journal</i> , 1992, 68, 939-941.	0.9	3
44	Frequency domain measures of heart period variability and mortality after myocardial infarction.. <i>Circulation</i> , 1992, 85, 164-171.	1.6	1,514
45	Cardiac Autonomic Regulation after Moderate and Exhaustive Exercises.. <i>The Annals of Physiological Anthropology</i> , 1992, 11, 333-338.	0.1	16
46	Heart rate behaviour at different stages of congestive heart failure. <i>European Heart Journal</i> , 1992, 13, 902-907.	1.0	34
47	Effects of fentanyl-diazepam-pancuronium anesthesia on heart rate variability: A spectral analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1992, 6, 444-448.	0.6	36
48	Effects of three anesthetic induction techniques on heart rate variability. <i>Journal of Clinical Anesthesia</i> , 1992, 4, 265-276.	0.7	103
49	Analysis of heart rate variability to assess hemodynamic alterations following induction of anesthesia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1992, 6, 651-657.	0.6	35
50	Autonomic functioning and cigarette smoking: Heart rate spectral analysis. <i>Biological Psychiatry</i> , 1992, 31, 639-643.	0.7	31
51	The effects of stress-anxiety and coping styles on heart rate variability. <i>International Journal of Psychophysiology</i> , 1992, 12, 81-86.	0.5	72
52	Controlled trial of physical training in chronic heart failure. Exercise performance, hemodynamics, ventilation, and autonomic function.. <i>Circulation</i> , 1992, 85, 2119-2131.	1.6	876
53	Heart rate variations during isoproterenol infusion in congestive heart failure: Relationships to cardiac mortality. <i>American Heart Journal</i> , 1992, 123, 989-992.	1.2	4
54	Effects of chronic congestive heart failure on 24-hour blood pressure and heart rate patterns: A hemodynamic approach. <i>American Heart Journal</i> , 1992, 123, 998-1004.	1.2	26

#	ARTICLE	IF	CITATIONS
55	Day vs night ECG and heart rate variability patterns in patients without obvious heart disease. <i>Journal of Electrocardiology</i> , 1992, 25, 175-184.	0.4	36
56	Heart rate variability in patients with diabetes mellitus, ischemic heart disease, and congestive heart failure. <i>Journal of Electrocardiology</i> , 1992, 25, 79-88.	0.4	66
57	Spontaneous beat-to-beat variability of the ventricular repolarization duration. <i>Journal of Electrocardiology</i> , 1992, 25, 9-17.	0.4	47
58	Heart Rate Variability. <i>Cardiology Clinics</i> , 1992, 10, 499-533.	0.9	226
59	Ambulatory (Holter) Electrocardiography Technology. <i>Cardiology Clinics</i> , 1992, 10, 341-359.	0.9	20
60	Prognostic Value of Heart Rate Variability in Patients Awaiting Cardiac Transplantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1992, 15, 2215-2220.	0.5	90
61	Circadian rhythm of heart rate variability in survivors of cardiac arrest. <i>American Journal of Cardiology</i> , 1992, 70, 610-615.	0.7	159
62	Beta-blocking effect of propafenone based on spectral analysis of heart rate variability. <i>American Journal of Cardiology</i> , 1992, 70, 1028-1034.	0.7	45
63	Comparison of different methods for assessing sympathovagal balance in chronic congestive heart failure secondary to coronary artery disease. <i>American Journal of Cardiology</i> , 1992, 70, 1576-1582.	0.7	92
64	Stability over time of heart period variability in patients with previous myocardial infarction and ventricular arrhythmias. <i>American Journal of Cardiology</i> , 1992, 69, 718-723.	0.7	127
65	Clinical, hemodynamic and sympathetic neural correlates of heart rate variability in congestive heart failure. <i>American Journal of Cardiology</i> , 1992, 69, 761-767.	0.7	226
66	Effect of captopril on cardiac parasympathetic activity in chronic cardiac failure secondary to coronary artery disease. <i>American Journal of Cardiology</i> , 1992, 69, 532-535.	0.7	94
67	Baroreceptor reflex function in congestive heart failure. <i>American Journal of Cardiology</i> , 1992, 69, 10-16.	0.7	63
68	Reply:. <i>American Journal of Cardiology</i> , 1992, 69, 286-287.	0.7	4
69	Predominant β_2 -adrenoceptor blocking effect of xamoterol averaged over the day in patients with mild to moderate heart failure: insight into the mechanism of its long-term clinical efficacy. <i>European Journal of Clinical Pharmacology</i> , 1992, 43, 455-461.	0.8	4
70	Heart rate variability in diabetic children: Sensitivity of the time- and frequency-domain methods. <i>Pediatric Cardiology</i> , 1993, 14, 140-146.	0.6	56
71	Methods in heart rate variability analysis: which tachogram should we choose?. <i>Computer Methods and Programs in Biomedicine</i> , 1993, 41, 1-8.	2.6	18
72	Effect of sotalol on heart rate variability assessed by Holter monitoring in patients with ventricular arrhythmias. <i>American Journal of Cardiology</i> , 1993, 72, A67-A71.	0.7	24

#	ARTICLE	IF	CITATIONS
73	Time and frequency domain assessment of heart rate variability: A theoretical and clinical appreciation. <i>Clinical Autonomic Research</i> , 1993, 3, 145-158.	1.4	43
74	Spectral analysis of heart rate variability in the sepsis syndrome. <i>Clinical Autonomic Research</i> , 1993, 3, 5-13.	1.4	138
75	Cardiac autonomic control mechanisms in Chagas' heart disease. Therapeutic implications. <i>Medical Hypotheses</i> , 1993, 40, 33-37.	0.8	20
76	Conventional heart rate variability analysis of ambulatory electrocardiographic recording fails to predict imminent ventricular fibrillation. <i>Journal of the American College of Cardiology</i> , 1993, 22, 557-565.	1.2	75
77	Sustained augmentation of parasympathetic tone with angiotensin-converting enzyme inhibition in patients with congestive heart failure. <i>Journal of the American College of Cardiology</i> , 1993, 21, 655-661.	1.2	217
78	Frequency domain measures of heart period variability to assess risk late after myocardial infarction. <i>Journal of the American College of Cardiology</i> , 1993, 21, 729-736.	1.2	309
79	Heart rate variability for risk stratification of life-threatening arrhythmias. <i>Journal of the American College of Cardiology</i> , 1993, 22, 948-950.	1.2	93
80	Clinical aspects of sympathetic activation and parasympathetic withdrawal in heart failure. <i>Journal of the American College of Cardiology</i> , 1993, 22, A72-A84.	1.2	319
81	Effects of low dose transdermal scopolamine on heart rate variability in acute myocardial infarction. <i>Journal of the American College of Cardiology</i> , 1993, 22, 1320-1326.	1.2	56
82	Vagal stimulation after myocardial infarction: Accentuating the positive. <i>Journal of the American College of Cardiology</i> , 1993, 22, 1335-1337.	1.2	14
83	Syncope in advanced heart failure: High risk of sudden death regardless of origin of syncope. <i>Journal of the American College of Cardiology</i> , 1993, 21, 110-116.	1.2	299
84	Decreased heart rate variability in panic disorder patients: A study of power-spectral analysis of heart rate. <i>Psychiatry Research</i> , 1993, 46, 89-103.	1.7	261
86	Abnormal autonomic modulation of QT interval in patients with idiopathic ventricular tachycardia associated with clinically normal hearts. <i>Heart</i> , 1993, 69, 311-314.	1.2	17
87	Prognostic value and physiological correlates of heart rate variability in chronic severe mitral regurgitation. <i>Circulation</i> , 1993, 88, 127-135.	1.6	117
88	Shortened left ventricular filling time in dilated cardiomyopathy: additional effects on heart rate variability?. <i>Heart</i> , 1993, 69, 327-331.	1.2	10
89	Assessment of heart rate variability in hypertrophic cardiomyopathy. Association with clinical and prognostic features. <i>Circulation</i> , 1993, 88, 1682-1690.	1.6	101
90	Heart Rate Variability. <i>Annals of Internal Medicine</i> , 1993, 118, 436.	2.0	601
91	Important influence of respiration on human R-R interval power spectra is largely ignored. <i>Journal of Applied Physiology</i> , 1993, 75, 2310-2317.	1.2	709

#	ARTICLE	IF	CITATIONS
92	Effects of Nortriptyline on Heart Rate Variability in Panic Disorder Patients: A Preliminary Study Using Power Spectral Analysis of Heart Rate. <i>Neuropsychobiology</i> , 1994, 29, 1-7.	0.9	20
93	Blood pressure modulation by central venous pressure and respiration. Buffering effects of the heart rate reflexes.. <i>Circulation</i> , 1994, 89, 169-179.	1.6	115
94	Heart rate variability in left ventricular dysfunction and heart failure: effects and implications of drug treatment.. <i>Heart</i> , 1994, 72, 509-513.	1.2	74
95	Heart rate variability and its relation to ventricular arrhythmias in congestive heart failure.. <i>Heart</i> , 1994, 71, 322-328.	1.2	58
96	Can power spectral analysis of heart rate variability identify a high risk subgroup of congestive heart failure patients with excessive sympathetic activation? A pilot study before and after heart transplantation.. <i>Heart</i> , 1994, 71, 422-430.	1.2	120
97	Decreased Heart Rate Variability in Patients With Chronic Obstructive Pulmonary Disease. <i>Chest</i> , 1994, 106, 1432-1437.	0.4	163
98	Power spectrum analysis of heart rate variability to assess the changes in sympathovagal balance during graded orthostatic tilt.. <i>Circulation</i> , 1994, 90, 1826-1831.	1.6	946
99	Decreased heart rate variability in survivors of sudden cardiac death not associated with coronary artery disease.. <i>Heart</i> , 1994, 71, 16-21.	1.2	66
100	Association between reduced heart rate variability and left ventricular dilatation in patients with a first anterior myocardial infarction. CATS Investigators. Captopril and Thrombolysis Study.. <i>Heart</i> , 1994, 72, 514-520.	1.2	23
101	Reduced heart rate variability and mortality risk in an elderly cohort. The Framingham Heart Study.. <i>Circulation</i> , 1994, 90, 878-883.	1.6	959
102	Variability of the ventricular response in atrial fibrillation and prognosis in chronic nonischemic mitral regurgitation. <i>American Journal of Cardiology</i> , 1994, 74, 906-911.	0.7	69
103	Physiology and clinical implications of variability of cardiovascular parameters with focus on heart rate and blood pressure. <i>American Journal of Cardiology</i> , 1994, 73, C3-C9.	0.7	112
104	The Dynamic Range of Neonatal Heart Rate Variability. <i>Journal of Cardiovascular Electrophysiology</i> , 1994, 5, 112-124.	0.8	48
105	Power Spectral Analysis of Cardiovascular Variability in Patients at Risk for Sudden Cardiac Death. <i>Journal of Cardiovascular Electrophysiology</i> , 1994, 5, 274-286.	0.8	99
106	Neurocardiac Responses to Acute Coronary Balloon Occlusion in Humans. <i>Journal of Interventional Cardiology</i> , 1994, 7, 251-259.	0.5	0
107	Heart rate variability. , 1994, , 49-62.		108
108	Change of autonomic influence on the heart immediately before the onset of spontaneous idiopathic ventricular tachycardia. <i>Journal of the American College of Cardiology</i> , 1994, 24, 1515-1522.	1.2	69
109	Vagally mediated heart rate recovery after exercise is accelerated in athletes but blunted in patients with chronic heart failure. <i>Journal of the American College of Cardiology</i> , 1994, 24, 1529-1535.	1.2	840

#	ARTICLE	IF	CITATIONS
110	Gender- and age-related differences in heart rate dynamics: Are women more complex than men?. Journal of the American College of Cardiology, 1994, 24, 1700-1707.	1.2	384
111	Arterial baroreflex regulation of blood pressure in patients with congestive heart failure. Journal of the American College of Cardiology, 1994, 23, 401-405.	1.2	81
112	Relationship between diabetic autonomic neuropathy and peripheral neuropathy as assessed by power spectral analysis of heart rate variations and vibratory perception thresholds. Diabetes Research and Clinical Practice, 1994, 24, 9-14.	1.1	5
113	Effect of athletic training on heart rate variability. American Heart Journal, 1994, 127, 1275-1278.	1.2	100
114	Heart rate variability: A measure of cardiac autonomic tone. American Heart Journal, 1994, 127, 1376-1381.	1.2	584
115	Influence of flosequinan on autonomic tone in congestive heart failure: Implications for the mechanism of the positive chronotropic effect and survival influence of long-term vasodilator administration. American Heart Journal, 1994, 128, 1147-1156.	1.2	15
116	Effects of gender and age on heart rate variability in healthy individuals and in persons after sudden cardiac arrest. Journal of Electrocardiology, 1994, 27, 1-9.	0.4	58
117	Time-frequency analysis of 24-hour heart rate fluctuation for the characterization of very low-frequency component. , 0, , .		0
118	Circadian rhythms of frequency domain measures of heart rate variability in healthy subjects and patients with coronary artery disease. Effects of arousal and upright posture.. Circulation, 1994, 90, 121-126.	1.6	276
119	Sudden cardiac death in heart failure. The role of abnormal repolarization.. Circulation, 1994, 90, 2534-2539.	1.6	398
120	The accuracy of power-spectrum analysis of heart-rate variability from annotated RR lists generated by Holter systems. Physiological Measurement, 1994, 15, 163-179.	1.2	60
121	Autonomic consequences of cerebral hemisphere infarction.. Stroke, 1994, 25, 113-116.	1.0	187
122	Predictors of exercise capacity in chronic heart failure. European Heart Journal, 1994, 15, 801-809.	1.0	146
123	Reversal of autonomic derangements by physical training in chronic heart failure assessed by heart rate variability. European Heart Journal, 1995, 16, 490-495.	1.0	181
124	Circadian pattern of heart rate variability in chronic heart failure patients Effects of physical training. European Heart Journal, 1995, 16, 1380-1386.	1.0	104
125	Resurrecting coronary angioplasty in acute myocardial infarction. European Heart Journal, 1995, 16, 1310-1311.	1.0	1
126	Alterations of sympathovagal balance in patients with hypertrophic and dilated cardiomyopathies assessed by spectral analysis of RR interval variability. European Heart Journal, 1995, 16, 799-807.	1.0	19
127	Physiology and Pathophysiology of Heart Rate and Blood Pressure Variability in Humans: Is Power Spectral Analysis Largely An Index of Baroreflex Gain?. Clinical Science, 1995, 88, 103-109.	1.8	265

#	ARTICLE	IF	CITATIONS
128	Sympathetic Stimulations by Exercise-Stress Testing and by Dobutamine Infusion Induce Similar Changes in Heart Rate Variability in Patients with Chronic Heart Failure. <i>Clinical Science</i> , 1995, 89, 155-164.	1.8	7
129	Cardiovascular regulation in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 1995, 1, 156-162.	1.4	8
130	Sympathetic predominance followed by functional denervation in the progression of chronic heart failure. <i>European Heart Journal</i> , 1995, 16, 1100-1107.	1.0	132
131	Exercise training and the autonomic nervous system in chronic heart failure. <i>European Heart Journal</i> , 1995, 16, 1308-1310.	1.0	11
132	Development of linear and non-linear properties of heart rate control during quiet and active sleep in healthy infants. <i>Journal of Electrocardiology</i> , 1995, 28, 356-357.	0.4	4
133	Heart rate variability. <i>Journal of Electrocardiology</i> , 1995, 28, 245-251.	0.4	13
134	Relation between severity of disease and impairment of heart rate variability parameters in patients with chronic congestive heart failure secondary to coronary artery disease. <i>American Journal of Cardiology</i> , 1995, 76, 713-716.	0.7	46
135	Age, race, and sex differences in autonomic cardiac function measured by spectral analysis of heart rate variabilityâ€™The ARIC study. <i>American Journal of Cardiology</i> , 1995, 76, 906-912.	0.7	271
136	Effects of enalapril on heart rate variability in patients with congestive heart failure. <i>American Journal of Cardiology</i> , 1995, 76, 1045-1048.	0.7	35
137	The effects of emotions on short-term power spectrum analysis of heart rate variability. <i>American Journal of Cardiology</i> , 1995, 76, 1089-1093.	0.7	502
138	Heart rate variability and preoperative anxiety. <i>Acta Anaesthesiologica Scandinavica</i> , 1995, 39, 1059-1061.	0.7	21
139	Continuous Heart Rate Variability Monitoring Through Complex Demodulation Implemented with the Fast Fourier Transform and Its Inverse. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995, 18, 1401-1410.	0.5	2
140	Detection of regularities in heart rate variations by linear and non-linear analysis: power spectrum versus approximate entropy. <i>Computer Methods and Programs in Biomedicine</i> , 1995, 48, 201-209.	2.6	12
141	Heart Rate Alternans. <i>Annals of Internal Medicine</i> , 1995, 122, 115.	2.0	20
142	Repeat return map distinguishes patients in the chronic phase after myocardial infarction with different risk for future cardiac events. , 0, , .		2
143	Measurement of Heart Rate Variability. <i>Western Journal of Nursing Research</i> , 1995, 17, 32-48.	0.6	86
144	Ageâ€™related changes in the â€™complexityâ€™ of cardiovascular dynamics: A potential marker of vulnerability to disease. <i>Chaos</i> , 1995, 5, 102-109.	1.0	75
145	Role of Catecholamines and Sympathetic Activation as a Risk Factor for Coronary Artery Disease. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 1995, 2, 222-228.	3.1	7

#	ARTICLE	IF	CITATIONS
146	Heart rate and respiratory rhythm dynamics on ascent to high altitude.. Heart, 1995, 74, 390-396.	1.2	41
147	Very low frequency oscillations of heart period: relationship to respiratory activity and blood pressure in heart failure patients. , 0, , .		6
148	How useful is intrapartum electronic fetal heart rate monitoring?. International Journal of Obstetric Anesthesia, 1995, 4, 161-167.	0.2	3
149	Heart rate variability after complete autonomic blockade in man. Journal of the Autonomic Nervous System, 1995, 51, 85-89.	1.9	62
150	Central neural organization and control of sympathetic nervous system in mammals. Progress in Neurobiology, 1995, 47, 157-233.	2.8	159
151	Ambulatory measurement of respiratory sinus arrhythmia and respiration rate. Biological Psychology, 1995, 41, 205-227.	1.1	240
152	Diurnal variation of ventricular response to atrial fibrillation in patients with advanced heart failure. American Heart Journal, 1995, 129, 58-65.	1.2	75
153	Screening for sinus node dysfunction by analysis of short-term sinus cycle variations on the surface electrocardiogram. American Heart Journal, 1995, 130, 141-147.	1.2	15
154	Assessment of autonomic tone over a 24-hour period in patients with congestive heart failure: Relation between mean heart rate and measures of heart rate variability. American Heart Journal, 1995, 129, 748-753.	1.2	59
155	Application of the Poincaré plot to heart rate variability: a new measure of functional status in heart failure. Australian and New Zealand Journal of Medicine, 1995, 25, 18-26.	0.5	173
156	Continuous positive airway pressure increases heart rate variability in congestive heart failure. Journal of the American College of Cardiology, 1995, 25, 672-679.	1.2	64
157	Effects of exercise training in patients with congestive heart failure: A critical review. Journal of the American College of Cardiology, 1995, 25, 789-796.	1.2	165
158	Quinidine pharmacodynamics in patients with arrhythmia: Effects of left ventricular function. Journal of the American College of Cardiology, 1995, 25, 989-994.	1.2	4
159	Heart rate variability in patients with mild to moderate heart failure: Effects of neurohormonal modulation by digoxin and ibopamine. Journal of the American College of Cardiology, 1995, 26, 983-990.	1.2	60
160	Impaired Low-Frequency Oscillations of Heart Rate in Patients With Prior Acute Myocardial Infarction and Life-Threatening Arrhythmias. American Journal of Cardiology, 1995, 76, 56-60.	0.7	71
161	New insights on the origin of the VLF cardiorespiratory rhythm in chronic heart failure patients. , 0, , .		2
162	Impaired baroreflex sensitivity and nocturnal periodic breathing in patients with chronic heart failure. , 0, , .		0
163	Heart rate variability in the low frequency range: periodic versus non-periodic fluctuations. , 0, , .		1

#	ARTICLE	IF	CITATIONS
164	Enhancement of efferent vagal tone in humans. , 0, , .		0
165	Hypertensive patients with coronary artery disease and an abnormal pattern of heart rate variability. , 0, , .		0
166	Heart rate dependent changes in spectral analysis. , 0, , .		3
167	Heart Rate Variability: Technique and Investigational Applications in Cardiovascular Medicine. Mayo Clinic Proceedings, 1995, 70, 955-964.	1.4	47
168	Heart rhythms, ventricular arrhythmias, and death in chronic heart failure. Journal of Cardiac Failure, 1996, 2, 177-183.	0.7	25
169	New diagnostic options in hypertrophic cardiomyopathy. American Heart Journal, 1996, 132, 1031-1041.	1.2	12
170	Role of spectral measures of heart rate variability as markers of disease progression in patients with chronic congestive heart failure not treated with angiotensin-converting enzyme inhibitors. American Heart Journal, 1996, 131, 153-157.	1.2	44
171	Peripheral chemoreflex in chronic heart failure: Friend and foe. American Heart Journal, 1996, 132, 900-904.	1.2	37
172	Effects of β -blockade with bisoprolol on heart rate variability in advanced heart failure: Analysis of scatterplots of R-R intervals at selected heart rates. American Heart Journal, 1996, 132, 369-375.	1.2	33
173	Effects of aging and of chronic obstructive pulmonary disease on RR interval variability. Journal of the Autonomic Nervous System, 1996, 59, 125-132.	1.9	50
174	Prognostic value of heart rate variability during long-term follow-up in patients with mild to moderate heart failure. Journal of the American College of Cardiology, 1996, 28, 1183-1189.	1.2	158
175	Determinants of heart rate variability. Journal of the American College of Cardiology, 1996, 28, 1539-1546.	1.2	302
176	Central origin of decreased heart rate variability in patients with cardiovascular diseases. Medical Hypotheses, 1996, 46, 479-481.	0.8	6
177	Heart rate variability as an assessment of cardiovascular status. Journal of Cardiothoracic and Vascular Anesthesia, 1996, 10, 659-671.	0.6	38
178	Evaluation of the Sympathetic Nervous System Using Heart Rate Variability and Plasma Hormones in Hypertensive Patients Treated with Cilazapril and Atenolol. Cardiology, 1996, 87, 402-408.	0.6	12
179	Heart rate variability: Standards of measurement, physiological interpretation, and clinical use. European Heart Journal, 1996, 17, 354-381.	1.0	7,607
180	Impact of Changes in Respiratory Frequency and Posture on Power Spectral Analysis of Heart Rate and Systolic Blood Pressure Variability in Normal Subjects and Patients with Heart Failure. Clinical Science, 1996, 91, 35-43.	1.8	83
181	An Oscillation of the Respiratory Control System Accounts for Most of the Heart Period Variability of Chronic Heart Failure Patients. Clinical Science, 1996, 91, 89-91.	0.0	11

#	ARTICLE	IF	CITATIONS
182	Heart Rate and Systolic Arterial Blood Pressure Variabilities in the Progression of Chronic Heart Failure. <i>Clinical Science</i> , 1996, 91, 37-39.	0.0	4
183	Heart Rate Variability and Head-up Tilt Testing in Patients With Syncope of Undetermined Etiology. <i>Japanese Circulation Journal</i> , 1996, 60, 841-852.	1.0	8
184	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
185	Decreased vagal power during treadmill walking in patients with chronic fatigue syndrome. <i>Clinical Autonomic Research</i> , 1996, 6, 329-333.	1.4	45
186	Effects of high altitude acclimatization on heart rate variability in resting humans. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996, 73, 521-528.	1.2	61
187	Heart rate variability in diabetic and non-diabetic renal transplant patients. <i>Acta Anaesthesiologica Scandinavica</i> , 1996, 40, 804-808.	0.7	37
188	A dual-input nonlinear system analysis of autonomic modulation of heart rate. <i>IEEE Transactions on Biomedical Engineering</i> , 1996, 43, 530-544.	2.5	63
189	Effects of bisoprolol on heart rate variability in heart failure. <i>American Journal of Cardiology</i> , 1996, 77, 612-617.	0.7	112
190	Heart period variability in patients with variant angina. <i>American Journal of Cardiology</i> , 1996, 77, 932-936.	0.7	22
191	Detection and significance of a discrete very low frequency rhythm in RR interval variability in chronic congestive heart failure. <i>American Journal of Cardiology</i> , 1996, 77, 1320-1326.	0.7	61
192	Assessment of heart rate variability by using different commercially available systems. <i>American Journal of Cardiology</i> , 1996, 78, 118-120.	0.7	19
193	Heart Rate Variability Reproducibility and Stability Using Commercially Available Equipment in Coronary Artery Disease With Daily Life Myocardial Ischemia**This work was supported in part by grants from the Division of Cardiology, Department of Medicine, Cedars-Sinai Medical Center, the John D. and Catherine T. MacArthur Foundation, Grant HL47337 from the National Institutes of Health, and Marquette Electronics Inc. <i>American Journal of Cardiology</i> , 1996, 78, 866-870.	0.7	40
194	Heart rate variability in patients with mild heart failure due to coronary artery disease. <i>Journal of Electrocardiology</i> , 1996, 29, 162-167.	0.4	0
195	Heart rate variability in relation to severity of mitral regurgitation in Cavalier King Charles spaniels. <i>Journal of Small Animal Practice</i> , 1996, 37, 69-75.	0.5	67
196	Abnormal heart rate variability reflecting autonomic dysfunction in brainstem infarction. <i>Acta Neurologica Scandinavica</i> , 1996, 94, 337-342.	1.0	88
197	Late cardiotoxicity after treatment for a malignant bone tumor. , 1996, 26, 230-237.		43
198	A Computer Algorithm to Impute Interrupted Heart Rate Data for the Spectral Analysis of Heart Rate Variabilityâ€”The ARIC Study. <i>Journal of Biomedical Informatics</i> , 1996, 29, 140-151.	0.7	24
199	Prognostic implications of autonomic nervous system analysis in chronic heart failure: Role of heart rate variability and baroreflex sensitivity. <i>Archives of Gerontology and Geriatrics</i> , 1996, 23, 265-275.	1.4	18

#	ARTICLE	IF	CITATIONS
200	Congestive heart failure in the elderly. Archives of Gerontology and Geriatrics, 1996, 23, 201-223.	1.4	9
201	Heart rate reactivity and heart period variability throughout the first year after heart transplantation. Psychophysiology, 1996, 33, 54-62.	1.2	13
202	Correlation Between Time-Domain Measures of Heart Rate Variability and Scatterplots in Postinfarction Patients. PACE - Pacing and Clinical Electrophysiology, 1996, 19, 342-347.	0.5	47
203	Detection of Silent Myocardial Ischemia During Ambulatory Monitoring by Time-Frequency Power Spectral Analysis. Annals of Noninvasive Electrocardiology, 1996, 1, 63-69.	0.5	1
204	Heart Rate Variability.. Annals of Noninvasive Electrocardiology, 1996, 1, 151-181.	0.5	507
205	Relationship Between Heart Rate Variability and Cardiovascular Risk Factors in Middle-Aged Males. Annals of Noninvasive Electrocardiology, 1996, 1, 354-362.	0.5	7
206	Double blind placebo controlled trial of short term transdermal scopolamine on heart rate variability in patients with chronic heart failure.. Heart, 1996, 76, 137-143.	1.2	16
207	Changes in Cardiac Autonomic Activities in Patients with Syndrome X. Angiology, 1996, 47, 929-939.	0.8	8
208	Changes in Cardiac Autonomic Control During Nocturnal Repetitive Oxygen Desaturation Episodes in Patients with Coronary Artery Disease. European Journal of Cardiovascular Prevention and Rehabilitation, 1996, 3, 221-227.	3.1	7
209	Evaluation of the Autonomic Cardiovascular Response in Arnold-Chiari Deformities and Cough Syncope Syndrome. Archives of Neurology, 1996, 53, 526-531.	4.9	30
210	The autonomic and neurohumoral response to critical illness. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 1996, 7, 297-307.	0.1	3
211	Heart rate variability and its sympatho-vagal modulation. Cardiovascular Research, 1996, 32, 208-216.	1.8	188
212	Relation Between Depressed Cardiac Response to Exercise and Autonomic Nervous Activity in Mildly Symptomatic Patients With Idiopathic Dilated Cardiomyopathy. Chest, 1996, 109, 925-932.	0.4	14
213	Role of pulse wave velocity for assessing autonomic nervous system activities in reference to heart rate variability. Medical Informatics = Medecine Et Informatique, 1996, 21, 81-90.	0.8	10
214	Estimation of arterial blood pressure variability by spectral analysis: comparison between Finapres and invasive measurements. Physiological Measurement, 1996, 17, 147-169.	1.2	45
215	Heart rate variability in idiopathic dilated cardiomyopathy: relation to disease severity and prognosis.. Heart, 1997, 77, 108-114.	1.2	75
216	Heart rate variability: why do spectral analysis?. Heart, 1997, 77, 99-101.	1.2	24
217	Fractal Variability Versus Pathologic Periodicity: Complexity Loss and Stereotypy in Disease. Perspectives in Biology and Medicine, 1997, 40, 543-561.	0.3	209

#	ARTICLE	IF	CITATIONS
218	Wavelet Theory and Harmonic Analysis in Applied Sciences. , 1997, , .		9
219	Sympathetic reinnervation and heart rate variability after cardiac transplantation.. Heart, 1997, 77, 532-538.	1.2	20
220	Effect of age on long-term heart rate variability. Cardiovascular Research, 1997, 35, 35-42.	1.8	125
221	Fractal Component of Variability of Heart Rate and Systolic Blood Pressure in Congestive Heart Failure. Clinical Science, 1997, 92, 543-550.	1.8	53
222	Heart Rate Variability and Ventricular Arrhythmia in Clinically Stable Patients With Hypertrophic Cardiomyopathy. Japanese Circulation Journal, 1997, 61, 819-826.	1.0	13
223	Heart rate variability in healthy subjects is related to age and gender. Acta Physiologica Scandinavica, 1997, 160, 235-241.	2.3	182
224	Improved ventilation and decreased sympathetic stress in chronic heart failure patients following local endurance training with leg muscles. Journal of Cardiac Failure, 1997, 3, 3-12.	0.7	32
225	Analysis of heart rate variability demonstrates effects of development on vagal modulation of heart rate in healthy children. Journal of Pediatrics, 1997, 130, 725-729.	0.9	115
226	Change of complex and periodic heart rate dynamics with change of pulmonary artery pressure in infants with left-to-right shunt lesion. International Journal of Cardiology, 1997, 60, 143-150.	0.8	7
227	Autonomic nervous system imbalance and left ventricular systolic dysfunction as potential candidates for arrhythmogenesis in Becker muscular dystrophy. International Journal of Cardiology, 1997, 59, 275-279.	0.8	38
228	Sympathetic inhibition with clonidine improves autonomic balance in congestive heart failure. International Journal of Cardiology, 1997, 59, 139-144.	0.8	12
229	Estimating a cardiac age by means of heart rate variability. American Journal of Physiology - Heart and Circulatory Physiology, 1997, 273, H1841-H1847.	1.5	28
230	Spectrum analysis of cardiovascular time series. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R1201-R1210.	0.9	35
231	Change of Complex and Periodic Heart Rate Dynamics with Change of Pulmonary Artery Pressure in Infants with Ventricular Septal Defect. Sunhwan'gi, 1997, 27, 600.	0.3	0
232	Perioperative myocardial ischemia is associated with a prolonged cardiac vagal dysfunction after non- cardiac surgery. Acta Anaesthesiologica Scandinavica, 1997, 41, 1247-1256.	0.7	10
233	The effect of the lateral decubitus position on vagal tone. Anaesthesia, 1997, 52, 653-657.	1.8	37
234	Heart rate and blood pressure variability in cardiac diseases: pharmacological implications. Fundamental and Clinical Pharmacology, 1997, 11, 19-28.	1.0	9
235	Heart rate variability: Origins, methods, and interpretive caveats. Psychophysiology, 1997, 34, 623-648.	1.2	2,945

#	ARTICLE	IF	CITATIONS
236	Relation of Ultra-Low Frequency Heart Rate Variability to the Clinical Course of Chronic Aortic Regurgitation. <i>American Journal of Cardiology</i> , 1997, 79, 1482-1487.	0.7	6
237	Depressed Heart Rate Variability as an Independent Predictor of Death in Chronic Congestive Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy. <i>American Journal of Cardiology</i> , 1997, 79, 1645-1650.	0.7	436
238	Short- and Long-Term Reproducibility of Heart Rate Variability in Patients With Long-Standing Type I Diabetes Mellitus. <i>American Journal of Cardiology</i> , 1997, 80, 1198-1202.	0.7	51
239	Normal Ranges of Heart Rate Variability During Infancy and Childhood. <i>Pediatric Cardiology</i> , 1997, 18, 297-302.	0.6	194
240	Clinical relevance of heart rate variability. <i>Clinical Cardiology</i> , 1997, 20, 162-168.	0.7	35
241	Relationships between heart rate variability and antiarrhythmic effects of hydroquinidine. <i>Cardiovascular Drugs and Therapy</i> , 1997, 11, 493-498.	1.3	5
242	Effect of ramipril on heart rate variability in digitalis-treated patients with chronic heart failure. <i>Cardiovascular Drugs and Therapy</i> , 1997, 11, 531-536.	1.3	5
243	Clinical Utility of Heart Rate Variability. <i>Journal of Interventional Cardiac Electrophysiology</i> , 1997, 1, 347-351.	0.9	2
244	Comparison of heart rate variability in patients with chronic fatigue syndrome and controls. <i>Clinical Autonomic Research</i> , 1997, 7, 293-297.	1.4	45
245	Myocardial determinants in regulation of the heart rate. <i>Journal of Molecular Medicine</i> , 1997, 75, 860-866.	1.7	6
246	A multivariate time-variant AR method for the analysis of heart rate and arterial blood pressure. <i>Medical Engineering and Physics</i> , 1997, 19, 109-124.	0.8	16
247	Time-frequency distribution of heart rate variability below 0.05Hz by Wigner-Ville spectral analysis in congestive heart failure patients. <i>Medical Engineering and Physics</i> , 1997, 19, 581-587.	0.8	8
248	Heart rate and heart rate variability, a pharmacological target. <i>Cardiovascular Drugs and Therapy</i> , 1997, 10, 677-685.	1.3	11
249	Heart Rate Variability in Heart Failure. <i>Heart Failure Reviews</i> , 1998, 2, 235-244.	1.7	16
251	Heart rate variability in exercising humans: effect of water immersion. <i>European Journal of Applied Physiology</i> , 1998, 77, 326-332.	1.2	44
252	Ventricular Arrhythmias in Adult Aortic Stenosis. <i>Chest</i> , 1998, 113, 482-491.	0.4	62
253	Stepwise Strategy on the Cost of Risk Stratification After Acute Myocardial Infarction: A Retrospective Simulation Study. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1998, 21, 603-609.	0.5	4
254	Heart Rate Variability in Passive Tilt Test: Comparative Evaluation of Autoregressive and FFT Spectral Analyses. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1998, 21, 1122-1132.	0.5	33

#	ARTICLE	IF	CITATIONS
255	RESPIRATORY SINUS DYSRHYTHMIA PERSISTS IN TRANSPLANTED HUMAN HEARTS FOLLOWING AUTONOMIC BLOCKADE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998, 25, 322-330.	0.9	23
256	Beat-to-Beat Repolarization Lability Identifies Patients at Risk for Sudden Cardiac Death. <i>Journal of Cardiovascular Electrophysiology</i> , 1998, 9, 899-908.	0.8	272
257	Characteristics of the Circadian Rhythm of Heart Rate Variability in Patients with Sudden Cardiac Death after Myocardial Infarction. <i>Annals of Noninvasive Electrocardiology</i> , 1998, 3, 183-193.	0.5	3
258	Physiological Background Underlying Short-Term Heart Rate Variability. <i>Annals of Noninvasive Electrocardiology</i> , 1998, 3, 267-280.	0.5	8
259	Ventilatory response to exercise correlates with impaired heart rate variability in patients with chronic congestive heart failure. <i>American Journal of Cardiology</i> , 1998, 82, 338-344.	0.7	60
260	Effect of clonidine on heart rate variability in congestive heart failure. <i>American Journal of Cardiology</i> , 1998, 82, 335-337.	0.7	22
261	Heterogeneity of noninvasive arrhythmic risk indicators in patients with ischemic cardiomyopathy. <i>Journal of Electrocardiology</i> , 1998, 31, 221-226.	0.4	1
262	Physiology and pathophysiology of baroreceptor function and neuro-hormonal abnormalities in heart failure. <i>Basic Research in Cardiology</i> , 1998, 93, s001-s022.	2.5	10
263	Clinical and haemodynamic correlates of heart rate variability in children with congenital heart disease. <i>European Journal of Pediatrics</i> , 1998, 157, 967-971.	1.3	66
264	The influence of premedication on heart rate variability. <i>Anaesthesia</i> , 1998, 53, 446-453.	1.8	42
265	Decreased heart-period variability in patients with panic disorder: a study of Holter ECG records. <i>Psychiatry Research</i> , 1998, 78, 89-99.	1.7	96
266	Is heart rate variability a reliable method to assess autonomic modulation in left ventricular dysfunction and heart failure?. <i>International Journal of Cardiology</i> , 1998, 67, 9-17.	0.8	40
267	Fractal organization of the pointwise correlation dimension of the heart rate. <i>Medical Hypotheses</i> , 1998, 51, 367-376.	0.8	13
268	Abnormal Heart Rate Regulation in GIRK4 Knockout Mice. <i>Neuron</i> , 1998, 20, 103-114.	3.8	355
269	Determinants of heart rate variability in chronic hemodialysis patients. <i>American Journal of Kidney Diseases</i> , 1998, 31, 602-606.	2.1	32
270	Vagal Activation in Novelty-Induced Tachycardia During the Light Phase in the Rat. <i>Physiology and Behavior</i> , 1998, 63, 233-239.	1.0	16
271	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
272	Effect of partial arrhythmia suppression with amiodarone on heart rate variability of patients with congestive heart failure. <i>American Heart Journal</i> , 1998, 136, 31-36.	1.2	18

#	ARTICLE	IF	CITATIONS
273	Diastolic ventricular interaction in chronic heart failure: relation to heart rate variability and neurohumoral status. <i>Heart and Vessels</i> , 1998, 13, 269-277.	0.5	12
274	Establishment of a 24-hour electrocardiogram recording system using a Holter recorder for miniature swine. <i>Laboratory Animals</i> , 1998, 32, 165-172.	0.5	11
275	Consequences of the Increased Autonomic Nervous Drive in Hypertension, Heart Failure and Diabetes. <i>Blood Pressure</i> , 1998, 7, 5-13.	0.7	32
276	Reflex changes of heart rate during very slow (>0.04 Hz) changes of lung volume. , 0, , .		0
277	Altered Cardiovascular Variability in Obstructive Sleep Apnea. <i>Circulation</i> , 1998, 98, 1071-1077.	1.6	514
278	RR Interval Dynamics Before Atrial Fibrillation in Patients After Coronary Artery Bypass Graft Surgery. <i>Circulation</i> , 1998, 98, 429-434.	1.6	174
279	Evidence for a Central Origin of the Low-Frequency Oscillation in RR-Interval Variability. <i>Circulation</i> , 1998, 98, 556-561.	1.6	145
280	Spectral analysis of heart period variance (HPV) – a tool to stratify risk following myocardial infarction. <i>Journal of Medical Engineering and Technology</i> , 1998, 22, 248-256.	0.8	21
281	Experience from controlled trials of physical training in chronic heart failure. Protocol and patient factors in effectiveness in the improvement in exercise tolerance. <i>European Heart Journal</i> , 1998, 19, 466-475.	1.0	199
282	Heart Rate Variability in Intensive Care. <i>Journal of Intensive Care Medicine</i> , 1998, 13, 252-265.	1.3	24
283	Transplanted Organs: Autonomous Reinnervation or Not?. , 1998, 42, 153-182.		0
284	Decomplexification in critical illness and injury: Relationship between heart rate variability, severity of illness, and outcome. <i>Critical Care Medicine</i> , 1998, 26, 352-357.	0.4	194
285	Improvement of left ventricular function and cardiovascular neural control after endoventriculoplasty and myocardial revascularization. <i>Cardiovascular Research</i> , 1998, 37, 101-107.	1.8	10
286	Time course of increasing nonlinear properties of heart rate variability after heart transplantation. , 0, , .		0
287	Relative Usefulness of Measures of Heart Rate Variability and Neuroendocrine Activity as Indicators of Autonomic Nervous Abnormality in Patients With Left Ventricular Dysfunction. <i>Japanese Circulation Journal</i> , 1998, 62, 336-340.	1.0	7
288	Electrocardiographic Changes Related to Parasympathetic Tone during Right Coronary Angioplasty. <i>Cardiology</i> , 1998, 89, 29-32.	0.6	0
289	Influence of Arterial Baroreceptors on Heart Rate Variability. <i>Medical Principles and Practice</i> , 1998, 7, 81-95.	1.1	21
290	Heart rate variability index in congestive heart failure: relation to clinical variables and prognosis. <i>European Heart Journal</i> , 1998, 19, 1719-1724.	1.0	37

#	ARTICLE	IF	CITATIONS
291	R-R variability detects increases in vagal modulation with phenylephrine infusion. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 274, H1761-H1766.	1.5	11
292	Beat-to-beat modulation of heart rate is coupled to coronary perfusion pressure in the isolated heart. Journal of Applied Physiology, 1999, 86, 694-700.	1.2	6
293	ANG II and baroreflex function in rabbits with CHF and lesions of the area postrema. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H342-H350.	1.5	29
294	Cardiac autonomic responses to volume overload in normal subjects and in patients with dilated cardiomyopathy. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1361-H1368.	1.5	24
295	Real-time measurement of cardiac vagal tone in conscious dogs. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H758-H765.	1.5	32
296	Altered Complexity and Correlation Properties of R-R Interval Dynamics Before the Spontaneous Onset of Paroxysmal Atrial Fibrillation. Circulation, 1999, 100, 2079-2084.	1.6	299
297	Cardiac Autonomic Nervous Function During Long-Term Nonpulsatile Left Heart Bypass. Artificial Organs, 1999, 23, 500-503.	1.0	11
298	Increase in Heart Rate Precedes Episodes of Ventricular Tachycardia and Ventricular Fibrillation in Patients with Implantable Cardioverter Defibrillators: Analysis of Spontaneous Ventricular Tachycardia Database. PACE - Pacing and Clinical Electrophysiology, 1999, 22, 1729-1738.	0.5	41
299	Variation of Spectral Power Immediately Prior to Spontaneous Onset of Ventricular Tachycardia/Ventricular Fibrillation in Implantable Cardioverter Defibrillator Patients. Journal of Cardiovascular Electrophysiology, 1999, 10, 1586-1596.	0.8	26
300	Automatic measurement of long-term heart rate variability by implanted single-chamber devices. Medical and Biological Engineering and Computing, 1999, 37, 585-594.	1.6	17
301	Interbeat interval variability in isolated working rat hearts at various dynamic conditions and temperatures. Research in Experimental Medicine, 1999, 199, 1-19.	0.7	22
302	Influence of age on the parasympatholytic property of tricyclic antidepressants. Psychiatry Research, 1999, 85, 199-207.	1.7	26
303	Paradoxical effects of pirenzepine on parasympathetic activity in chronic heart failure and control. International Journal of Cardiology, 1999, 68, 47-56.	0.8	7
304	Higher heart rate variability of smokers after acute myocardial infarction. International Journal of Cardiology, 1999, 68, 165-169.	0.8	3
305	Potential risk of β -blockade withdrawal in congestive heart failure due to abrupt autonomic changes. International Journal of Cardiology, 1999, 68, 171-177.	0.8	32
306	Circadian patterns of heart rate variability in normals, chronic stable angina and diabetes mellitus. International Journal of Cardiology, 1999, 71, 41-48.	0.8	56
307	ACC/AHA guidelines for ambulatory electrocardiography. Journal of the American College of Cardiology, 1999, 34, 912-948.	1.2	262
308	Long-term β -blocker therapy improves autonomic nervous regulation in advanced congestive heart failure: A longitudinal heart rate variability study. American Heart Journal, 1999, 137, 658-665.	1.2	67

#	ARTICLE	IF	CITATIONS
309	Neurohumoral activations in congestive heart failure: Correlations with cardiac function, heart rate variability, and baroreceptor sensitivity. <i>American Heart Journal</i> , 1999, 137, 666-671.	1.2	30
310	The Time Course of Haemodynamic, Autonomic and Skeletal Muscle Metabolic Abnormalities Following First Extensive Myocardial Infarction in Man. <i>Journal of Molecular and Cellular Cardiology</i> , 1999, 31, 1913-1926.	0.9	19
311	Dissociation between microneurographic and heart rate variability estimates of sympathetic tone in normal subjects and patients with heart failure. <i>Clinical Science</i> , 1999, 96, 557-565.	1.8	70
312	Comparison between spectral analysis and the phenylephrine method for the assessment of baroreflex sensitivity in chronic heart failure. <i>Clinical Science</i> , 1999, 97, 503-513.	1.8	30
313	Dissociation between microneurographic and heart rate variability estimates of sympathetic tone in normal subjects and patients with heart failure. <i>Clinical Science</i> , 1999, 96, 557.	1.8	30
314	Comparison between spectral analysis and the phenylephrine method for the assessment of baroreflex sensitivity in chronic heart failure. <i>Clinical Science</i> , 1999, 97, 503.	1.8	18
315	How to assess sympathetic activity in humans. <i>Journal of Hypertension</i> , 1999, 17, 719-734.	0.3	383
316	Power Spectral Analysis of Heart Rate Variability in Psychiatry. <i>Psychotherapy and Psychosomatics</i> , 1999, 68, 59-66.	4.0	82
317	Age-Adjusted Heart Rate Variability as an Index of the Severity and Prognosis of Heart Failure. <i>Japanese Circulation Journal</i> , 2000, 64, 32-38.	1.0	23
318	Linear and nonlinear analysis of hemodynamic signals during sepsis and septic shock. <i>Critical Care Medicine</i> , 2000, 28, 2051-2057.	0.4	67
319	Exercise and autonomic function. <i>Coronary Artery Disease</i> , 2000, 11, 129-135.	0.3	113
321	Low-dose daunorubicin in induction treatment of childhood acute lymphoblastic leukemia: No long-term cardiac damage in a randomized study of the Dutch Childhood Leukemia Study Group. <i>Medical and Pediatric Oncology</i> , 2000, 35, 13-19.	1.0	45
322	CHANGES IN AUTONOMIC NERVOUS ACTIVITY DURING COLONOSCOPY USING SPECTRAL ANALYSIS OF HEART RATE VARIABILITY. <i>Digestive Endoscopy</i> , 2000, 12, 155-161.	1.3	8
323	Relationship Between Myocardial Beta-Adrenergic Sensitivity and Heart Rate Variability. <i>Annals of Noninvasive Electrocardiology</i> , 2000, 5, 111-118.	0.5	0
324	Different Action of Beta-blockers on Daytime and Nighttime Heart Rate Variability. <i>Annals of Noninvasive Electrocardiology</i> , 2000, 5, 158-165.	0.5	4
325	Autonomic dysfunction in patients with fibromyalgia: Application of power spectral analysis of heart rate variability. <i>Seminars in Arthritis and Rheumatism</i> , 2000, 29, 217-227.	1.6	289
326	Effect of Age on QT Variability. <i>Pediatric Cardiology</i> , 2000, 21, 411-415.	0.6	25
327	Evaluation of autonomic nervous function during upper gastrointestinal endoscopy using heart rate variability. <i>Journal of Gastroenterology</i> , 2000, 35, 815-823.	2.3	18

#	ARTICLE	IF	CITATIONS
328	Heart rate variability during dynamic exercise in elderly males and females. <i>European Journal of Applied Physiology</i> , 2000, 82, 8-15.	1.2	58
329	Cardiorespiratory interactions during periodic breathing in awake chronic heart failure patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H932-H941.	1.5	38
330	The Problem of Ventricular Dysrhythmias and Sudden Death Mortality in Heart Failure: The Impact of Current Therapy. <i>Cardiology</i> , 2000, 93, 56-69.	0.6	6
331	Depressed low frequency power of heart rate variability as an independent predictor of sudden death in chronic heart failure. <i>European Heart Journal</i> , 2000, 21, 475-482.	1.0	229
332	Heart rate and blood pressure variability in normal subjects compared with data from beat-to-beat models developed from de Boer's model of the cardiovascular system. <i>Physiological Measurement</i> , 2000, 21, 305-318.	1.2	24
333	Cardiac autonomic dysfunction in AIDS is not secondary to heart failure. <i>International Journal of Cardiology</i> , 2000, 74, 133-137.	0.8	33
334	The effect of salbutamol on skeletal muscle in chronic heart failure. <i>International Journal of Cardiology</i> , 2000, 73, 257-265.	0.8	36
335	Five-minute recording of heart rate variability in severe chronic heart failure: Correlates with right ventricular function and prognostic implications. <i>American Heart Journal</i> , 2000, 139, 1088-1095.	1.2	65
336	Effects of spinal manipulative therapy on autonomic activity and the cardiovascular system: A case study using the electrocardiogram and arterial tonometry. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2000, 23, 545-550.	0.4	28
337	The effects of metronome breathing on the variability of autonomic activity measurements. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2000, 23, 610-614.	0.4	32
338	Heart rate variability as an assessment of brain death. <i>Transplantation Proceedings</i> , 2000, 32, 2584-2585.	0.3	5
340	EXERCISE AND AUTONOMIC FUNCTION IN HEALTH AND CARDIOVASCULAR DISEASE. <i>Cardiology Clinics</i> , 2001, 19, 369-387.	0.9	148
341	Effects of posture on cardiac autonomic nervous activity in patients with congestive heart failure. <i>Journal of the American College of Cardiology</i> , 2001, 37, 1788-1793.	1.2	48
342	Obstructive sleep apnea and vascular disease. <i>Respiratory Research</i> , 2001, 2, 315.	1.4	111
343	Analysis of twenty-four hour heart rate variability in patients with panic disorder. <i>Biological Psychology</i> , 2001, 56, 131-150.	1.1	112
344	Rhythms, rhymes, and reasonsâ€”spectral oscillations in neural cardiovascular control. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001, 90, 41-46.	1.4	21
345	Mechanisms of respiratory sinus arrhythmia in patients with mild heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H125-H131.	1.5	25
346	The influence of dose of angiotensin I-converting enzyme inhibitor on systolic blood pressure variability in heart failure: a substudy of the Assessment of Treatment with Lisinopril and Survival in heart failure (ATLAS) trial. <i>Blood Pressure Monitoring</i> , 2001, 6, 81-84.	0.4	7

#	ARTICLE	IF	CITATIONS
347	Neuroendocrine changes during the evolution of doxorubicin-induced left ventricular dysfunction in adult lymphoma patients. <i>Clinical Science</i> , 2001, 101, 601-607.	1.8	32
348	Neuroendocrine changes during the evolution of doxorubicin-induced left ventricular dysfunction in adult lymphoma patients. <i>Clinical Science</i> , 2001, 101, 601.	1.8	15
349	Differential Effects of Hypoxia and Hypercapnia on Respiratory Sinus Arrhythmia in Conscious Dogs. <i>Japanese Circulation Journal</i> , 2001, 65, 738-742.	1.0	22
350	Abnormal Heart Rate Recovery after Exercise: A Comparison with Known Indicators of Increased Mortality. <i>Cardiology</i> , 2001, 96, 38-44.	0.6	17
351	Broken Fractals: Where's the Break?. <i>Journal of Cardiovascular Electrophysiology</i> , 2001, 12, 33-35.	0.8	7
352	Thought Field Therapy clinical applications: Utilization in an HMO in behavioral medicine and behavioral health services. <i>Journal of Clinical Psychology</i> , 2001, 57, 1215-1227.	1.0	23
353	Prognostic value of heart rate variability in time domain analysis in congestive heart failure. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2001, 5, 181-187.	0.6	47
354	Time-Frequency Analysis of Heart Rate Variability During Transient Segments. <i>Annals of Biomedical Engineering</i> , 2001, 29, 983-996.	1.3	39
355	Is abnormal heart rate variability a specific feature of congestive heart failure?. <i>American Journal of Cardiology</i> , 2001, 87, 1211-1213.	0.7	13
356	Prolonged cardiac recovery from exercise in asymptomatic adults late after atrial correction of transposition of the great arteries: evaluation with magnetic resonance flow mapping. <i>American Journal of Cardiology</i> , 2001, 88, 1011-1017.	0.7	20
357	Autonomic influences on ventricular repolarization in congestive heart failure. <i>Journal of Electrocardiology</i> , 2001, 34, 35-40.	0.4	29
358	Postural Response of Low-Frequency Component of Heart Rate Variability Is an Increased Risk for Mortality in Patients With Coronary Artery Disease. <i>Chest</i> , 2001, 120, 1942-1952.	0.4	26
359	Effect of immersion, submersion, and scuba diving on heart rate variability. <i>British Journal of Sports Medicine</i> , 2001, 35, 174-180.	3.1	72
361	Limitations of the use of spectral analysis of heart rate variability for the estimation of cardiac sympathetic activity in heart failure. <i>Europace</i> , 2001, 3, 29-38.	0.7	68
362	Sleep Apnea and Cardiovascular Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 2147-2165.	2.5	550
363	Reproducibility of a non-invasive real-time measure of cardiac parasympathetic activity. <i>Physiological Measurement</i> , 2001, 22, 661-672.	1.2	15
364	Power spectrum of heart rate variability in exercising humans: The effect of exercise intensity. <i>Research in Sports Medicine</i> , 2001, 10, 39-57.	0.0	6
365	Correlation differences in heartbeat fluctuations during rest and exercise. <i>Physical Review E</i> , 2002, 66, 062902.	0.8	113

#	ARTICLE	IF	CITATIONS
366	Predisposition to Arrhythmia and Autonomic Dysfunction in Nhlh1 -Deficient Mice. <i>Molecular and Cellular Biology</i> , 2002, 22, 4977-4983.	1.1	34
367	Changes in Hemodynamics and Autonomic Nervous Activity in Patients Undergoing Laparoscopic Cholecystectomy: Differences Between the Pneumoperitoneum and Abdominal Wall-Lifting Method. <i>Endoscopy</i> , 2002, 34, 643-650.	1.0	26
368	Emerging Excitatory Role of Cardiovascular Sympathetic Afferents in Pathophysiological Conditions. <i>Hypertension</i> , 2002, 39, 63-68.	1.3	129
369	Predicting death due to progressive heart failure in patients with mild-to-moderate chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2002, 40, 1801-1808.	1.2	193
370	Clinical aspects of biological fields: an introduction for health care professionals. <i>Journal of Bodywork and Movement Therapies</i> , 2002, 6, 117-125.	0.5	15
371	Classification of heart rate variability (HRV) parameters by receiver operating characteristics (ROC) , 0, , .		1
372	HEART RATE VARIABILITY IN CONGESTIVE HEART FAILURE. <i>Clinical and Experimental Hypertension</i> , 2002, 24, 75-81.	0.5	4
373	Derangement of autonomic nerve control in rat with right ventricular failure. <i>Pathophysiology</i> , 2002, 8, 197-203.	1.0	18
374	Autonomic Modulation of the Heart in Systemic Arterial Hypertension. <i>Arquivos Brasileiros De Cardiologia</i> , 2002, 78, 181-95.	0.3	6
375	Strain-specific patterns of autonomic nervous system activity and heart failure susceptibility in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H2076-H2083.	1.5	67
376	Continual recordings of cardiac sympathetic nerve activity in conscious sheep. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H93-H99.	1.5	32
377	Cardiac status in bone tumor survivors up to nearly 19 years after treatment with doxorubicin: A longitudinal study. <i>Medical and Pediatric Oncology</i> , 2002, 39, 86-92.	1.0	30
378	The short-term effects of myofascial trigger point massage therapy on cardiac autonomic tone in healthy subjects. <i>Journal of Advanced Nursing</i> , 2002, 37, 364-371.	1.5	124
379	Changes in autonomic nervous activity during endoscopic retrograde cholangiopancreatography: A possible factor in cardiac complications. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2002, 17, 1021-1029.	1.4	9
380	Apnea-Related Heart Rate Variability and Its Clinical Utility in Congestive Heart Failure Outpatients. <i>Annals of Noninvasive Electrocardiology</i> , 2002, 7, 127-132.	0.5	9
381	Contribution of tonic vagal modulation of heart rate, central respiratory drive, respiratory depth, and respiratory frequency to respiratory sinus arrhythmia during mental stress and physical exercise. <i>Psychophysiology</i> , 2002, 39, 427-436.	1.2	133
382	Heart rate variability analysis using correlation dimension and detrended fluctuation analysis. <i>IRBM News</i> , 2002, 23, 333-339.	0.1	77
383	Title is missing!. <i>Cardiovascular Engineering (Dordrecht, Netherlands)</i> , 2002, 2, 161-167.	1.0	2

#	ARTICLE	IF	CITATIONS
384	Effects of vital exhaustion on cardiac autonomic nervous functions assessed by heart rate variability at rest in middle-aged male workers. <i>International Journal of Behavioral Medicine</i> , 2002, 9, 68-75.	0.8	38
385	The effect of wai tan kung on autonomic nervous modulation in the elderly. <i>Journal of Biomedical Science</i> , 2003, 10, 697-705.	2.6	8
386	QT variability. <i>Journal of Electrocardiology</i> , 2003, 36, 83-87.	0.4	66
387	Respiratory modulation of heart rate and blood pressure during Cheyne-Stokes respiration. <i>Journal of Electrocardiology</i> , 2003, 36, 213-217.	0.4	9
388	Heart Rate Variability. <i>Journal of Cardiovascular Electrophysiology</i> , 2003, 14, 800-802.	0.8	11
389	Severity in Myocardial Dysfunction Contributed to Long-term Fluctuation of Heart Rate, Rather than Short-Term Fluctuations. <i>Annals of Noninvasive Electrocardiology</i> , 2003, 8, 132-138.	0.5	6
390	Heart Rate Variability in Obstructive Sleep Apnea: A Prospective Study and Frequency Domain Analysis. <i>Annals of Noninvasive Electrocardiology</i> , 2003, 8, 144-149.	0.5	105
391	Sympathetic nerve activity in obstructive sleep apnoea. <i>Acta Physiologica Scandinavica</i> , 2003, 177, 385-390.	2.3	328
392	Classification of heart rate data using artificial neural network and fuzzy equivalence relation. <i>Pattern Recognition</i> , 2003, 36, 61-68.	5.1	185
393	Heart Rate Variability in Athletes. <i>Sports Medicine</i> , 2003, 33, 889-919.	3.1	586
394	Nesiritide. <i>Drugs</i> , 2003, 63, 47-70.	4.9	80
395	Cardiac size, autonomic function, and 5-year follow-up of chronic heart failure patients with severe prolongation of ventricular activation. <i>Journal of Cardiac Failure</i> , 2003, 9, 93-99.	0.7	34
396	Decreased heart rate recovery after exercise in patients with congestive heart failure: Effect of β -blocker therapy. <i>Journal of Cardiac Failure</i> , 2003, 9, 296-302.	0.7	63
397	New aspects for the role of physical training in the management of patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2003, 90, 1-14.	0.8	30
398	Characterization and quantification of the return map of RR intervals by Pearson coefficient in patients with acute myocardial infarction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2003, 105, 145-152.	1.4	19
399	Sleep-disordered breathing in heart failure: characteristics and implications. <i>Respiratory Physiology and Neurobiology</i> , 2003, 136, 153-165.	0.7	45
400	Apnea-Related Heart Rate Variability in Congestive Heart Failure Patients. <i>Clinical and Experimental Hypertension</i> , 2003, 25, 183-189.	0.5	8
401	ASSESSMENT OF PARASYMPATHETIC CONTROL OF BLOOD VESSEL BY PULSATION SPECTRUM AND COMPARISON WITH SPECTRAL METHOD OF RR INTERVALS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2003, 15, 8-16.	0.3	1

#	ARTICLE	IF	CITATIONS
402	MODEL THE FRACTAL COMPONENT IN HEART RATE VARIABILITY AS A DYADIC BOUNDED CASCADE. <i>Fractals</i> , 2003, 11, 63-76.	1.8	2
403	A prognostic index to predict long-term mortality in patients with mild to moderate chronic heart failure stabilised on angiotensin converting enzyme inhibitors. <i>European Journal of Heart Failure</i> , 2003, 5, 489-497.	2.9	52
404	Hypothesis: respiratory sinus arrhythmia is an intrinsic resting function of cardiopulmonary system. <i>Cardiovascular Research</i> , 2003, 58, 1-9.	1.8	121
405	Influence of Cheyne-Stokes Respiration on Cardiovascular Oscillations in Heart Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 1534-1539.	2.5	73
406	Spectral analysis of heart rate variability in dogs with mild mitral regurgitation. <i>American Journal of Veterinary Research</i> , 2003, 64, 145-148.	0.3	23
407	Tetralogy of Fallot: Postoperative Delayed Recovery of Left Ventricular Stroke Volume after Physical Exercise—Assessment with Fast MR Imaging. <i>Radiology</i> , 2003, 226, 278-284.	3.6	14
408	Gamma-band EEGs predict autonomic responses during mental arithmetic. <i>NeuroReport</i> , 2003, 14, 477-480.	0.6	14
409	The Effect of Tai Chi Chuan on the Autonomic Nervous Modulation in Older Persons. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1972-1976.	0.2	94
410	Hopelessness Is Associated With Decreased Heart Rate Variability During Championship Chess Games. <i>Psychosomatic Medicine</i> , 2003, 65, 658-661.	1.3	40
411	Effect of oscillatory breathing on the variability of the RR Intervals and its prognostic importance in individuals with left ventricular global systolic dysfunction. <i>Arquivos Brasileiros De Cardiologia</i> , 2003, 80, 544-57.	0.3	1
412	Effect of Left Ventricular Assist Device on Circulatory Autonomic Nervous Activity. <i>International Journal of Artificial Organs</i> , 2004, 27, 243-250.	0.7	4
413	Mother-Infant Bedsharing is Associated with an Increase in Infant Heart Rate. <i>Sleep</i> , 2004, 27, 507-511.	0.6	29
414	Heart Rate Recovery Immediately after Treadmill Exercise and Left Ventricular Systolic Dysfunction as Predictors of Mortality: The Case of Stress Echocardiography. <i>The Journal of Kansai Medical University</i> , 2004, 56, 206-211.	0.3	0
415	$1/\alpha$ -scaling in heart rate requires antagonistic autonomic control. <i>Physical Review E</i> , 2004, 70, 050901.	0.8	57
416	Echolucent neointimal hyperplasia "dark wall" after sirolimus eluting stent implantation. <i>Heart</i> , 2004, 90, 1143-1143.	1.2	3
417	Predicting sudden death in patients with mild to moderate chronic heart failure. <i>Heart</i> , 2004, 90, 1137-1143.	1.2	52
418	Effects of RR segment duration on HRV spectrum estimation. <i>Physiological Measurement</i> , 2004, 25, 721-735.	1.2	39
419	The effect of carbon dioxide, respiratory rate and tidal volume on human heart rate variability. <i>Acta Anaesthesiologica Scandinavica</i> , 2004, 48, 93-101.	0.7	119

#	ARTICLE	IF	CITATIONS
420	Relationship between noradrenaline and nonlinear indexes of blood pressure dynamics in normotensive and spontaneously hypertensive rats. <i>Fundamental and Clinical Pharmacology</i> , 2004, 18, 643-648.	1.0	5
421	Heart Rate Variability and Diastolic Heart Failure. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 299-303.	0.5	36
422	Beat-to-Beat Heart Rate and QT Variability in Patients with Congestive Cardiac Failure: Blunted Response to Orthostatic Challenge. <i>Annals of Noninvasive Electrocardiology</i> , 2004, 9, 323-329.	0.5	26
423	Influence of sleep apnea on autonomic nervous activity and QT dispersion in patients with essential hypertension and old myocardial infarction. <i>Journal of Electrocardiology</i> , 2004, 37, 31-40.	0.4	16
424	Hemodynamic improvement and heart rate variability during aortic counterpulsation. , 0, , .		2
425	Can cardiac vagal tone be estimated from the 10-second ECG?. <i>International Journal of Cardiology</i> , 2004, , .	0.8	1
427	Analysis of cardiac signals using spatial filling index and time-frequency domain. <i>BioMedical Engineering OnLine</i> , 2004, 3, 30.	1.3	64
428	Can cardiac vagal tone be estimated from the 10-second ECG?. <i>International Journal of Cardiology</i> , 2004, 95, 109-115.	0.8	68
429	Heart Rate Variability in Heart Failure. , 0, , 122-132.		0
430	Parasympathetic Airway Response and Heart Rate Variability Before and at the End of Methacholine Challenge. <i>Chest</i> , 2005, 127, 23-29.	0.4	33
431	Heart Rate Variability Analysis in the Assessment of Autonomic Function in Heart Failure. <i>Journal of Cardiovascular Nursing</i> , 2005, 20, 186-195.	0.6	46
432	Short-Term Adjuvant Atorvastatin Improves Frequency Domain Indices of Heart Rate Variability in Stable Systolic Heart Failure. <i>Cardiovascular Drugs and Therapy</i> , 2005, 19, 183-187.	1.3	35
433	Neural Control of Cardiac Function. , 2005, , 217-231.		0
434	Influence of Cheyne-Stokes respiration on ventricular response to atrial fibrillation in heart failure. <i>Journal of Applied Physiology</i> , 2005, 99, 1689-1696.	1.2	27
435	Obstructive Sleep Apnea and Hypertension. , 2005, , 765-773.		0
436	Respiratory-related heart rate variability in progressive experimental heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1729-H1735.	1.5	40
437	Model for complex heart rate dynamics in health and diseases. <i>Physical Review E</i> , 2005, 72, 041904.	0.8	90
438	Prediction of maintenance of sinus rhythm after electrical cardioversion of atrial fibrillation by non-deterministic modelling. <i>Europace</i> , 2005, 7, 500-507.	0.7	15

#	ARTICLE	IF	CITATIONS
439	Effects of autonomic blockade on self-similarity of blood pressure and heart rate time series. , 2005, , .		1
440	Electrophysiology and kinesiology for health and disease. Journal of Electromyography and Kinesiology, 2005, 15, 240-255.	0.7	34
441	Effect of posture on heart rate variability spectral measures in children and young adults with heart disease. International Journal of Cardiology, 2005, 101, 273-278.	0.8	11
442	The reliability of short-term measurements of heart rate variability. International Journal of Cardiology, 2005, 103, 238-247.	0.8	237
443	Negative chronotropic response to low-dose atropine is associated with parasympathetic nerve-mediated cardiovascular response in postoperative patients with congenital heart disease. International Journal of Cardiology, 2005, 99, 455-462.	0.8	4
444	Dual Antagonistic Autonomic Control Necessary for 1/f Scaling in Heart Rate. , 2005, , 141-151.		1
445	Effects of Electrical Acupuncture on Acupoint BL15 Evaluated in Terms of Heart Rate Variability, Pulse Rate Variability and Skin Conductance Response. The American Journal of Chinese Medicine, 2006, 34, 23-36.	1.5	69
446	Preliminary evidence of parasympathetic influence on basal heart rate in posttraumatic stress disorder. Journal of Psychosomatic Research, 2006, 60, 83-90.	1.2	89
447	Abnormal Heart Rate Recovery Immediately After Cardiopulmonary Exercise Testing in Heart Failure Patients. International Heart Journal, 2006, 47, 431-440.	0.5	38
448	Evaluation of episodes of sleep apnea in patients with liver cirrhosis. Journal of Medical Investigation, 2006, 53, 159-166.	0.2	20
449	Power Spectral Analysis of Heart Rate Variability in HIV-Infected and AIDS Patients. PACE - Pacing and Clinical Electrophysiology, 2006, 29, 53-58.	0.5	41
450	The use of heart rate variability measures to assess autonomic control during exercise. Scandinavian Journal of Medicine and Science in Sports, 2006, 16, 302-313.	1.3	98
451	Autonomic nervous activity changes in relation to the reporting of subjective symptoms among male workers in an information service company. International Archives of Occupational and Environmental Health, 2006, 79, 441-444.	1.1	10
452	Aging of Complex Heart Rate Dynamics. IEEE Transactions on Biomedical Engineering, 2006, 53, 89-94.	2.5	25
453	The assessment of autonomic function in chronic atrial fibrillation: description of a non-invasive technique based on circadian rhythm of atrioventricular nodal functional refractory periods. Europace, 2006, 8, 927-934.	0.7	20
454	Dependence of heart rate variability on heart period in disease and aging. Physiological Measurement, 2006, 27, 989-998.	1.2	25
455	Respiratory modulation of the autonomic nervous system during Cheyneâ€“Stokes respirationThis paper is one of a selection of papers published in this Special Issue, entitled Young Investigator's Forum.. Canadian Journal of Physiology and Pharmacology, 2006, 84, 61-66.	0.7	19
456	Comparison of the Effects of Tai Chi Chuan and Wai Tan Kung Exercises on Autonomic Nervous System Modulation and on Hemodynamics in Elder Adults. The American Journal of Chinese Medicine, 2006, 34, 959-968.	1.5	27

#	ARTICLE	IF	CITATIONS
457	Long-term cardiac follow-up in survivors of a malignant bone tumour. <i>Annals of Oncology</i> , 2006, 17, 1586-1591.	0.6	38
458	SPECTRAL ANALYSIS PROBLEMS OF HEART RATE AND BLOOD PRESSURE FLUCTUATIONS. <i>Fluctuation and Noise Letters</i> , 2007, 07, L143-L150.	1.0	2
459	Power spectral analysis in mice: what are the appropriate frequency bands?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R902-R903.	0.9	21
460	A new algorithm developed based on a mixture of spectral and nonlinear techniques for the analysis of heart rate variability. <i>Journal of Medical Engineering and Technology</i> , 2007, 31, 210-219.	0.8	8
461	Evaluation of Heart Rate Variability Indices Using a Real-Time Handheld Remote ECG Monitor. <i>Telemedicine Journal and E-Health</i> , 2007, 13, 657-662.	1.6	4
462	Evaluation of Scalp and Auricular Acupuncture on EEG, HRV, and PRV. <i>The American Journal of Chinese Medicine</i> , 2007, 35, 219-230.	1.5	37
463	NONRANDOMNESS INDEX APPLIED FOR HEART RATE VARIABILITY IN SURGICAL INTENSIVE CARE UNITS USING FREQUENCY AND RANK ORDER STATISTICS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2007, 19, 303-311.	0.3	4
464	The Altered Autonomic Nervous System Activity in Iron Deficiency Anemia. <i>Tohoku Journal of Experimental Medicine</i> , 2007, 212, 397-402.	0.5	42
465	Sleep Apnea in Heart Failure Increases Heart Rate Variability and Sympathetic Dominance. <i>Sleep</i> , 2007, 30, 1509-1514.	0.6	60
466	Respiratory sinus arrhythmia and diseases of aging: Obesity, diabetes mellitus, and hypertension. <i>Biological Psychology</i> , 2007, 74, 212-223.	1.1	107
467	Heart rate variability in myocardial infarction and heart failure. <i>International Journal of Cardiology</i> , 2007, 120, 289-296.	0.8	122
468	Prognostic significance of circadian variability of RR and QT intervals and QT dynamicity in patients with chronic heart failure. <i>Heart Rhythm</i> , 2007, 4, 999-1005.	0.3	35
469	Fractal scale-invariant and nonlinear properties of cardiac dynamics remain stable with advanced age: a new mechanistic picture of cardiac control in healthy elderly. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1923-R1937.	0.9	101
470	Supine low-frequency power of heart rate variability reflects baroreflex function, not cardiac sympathetic innervation. <i>Heart Rhythm</i> , 2007, 4, 1523-1529.	0.3	175
471	Autonomic Abnormalities in Congestive Heart Failure Patients With Sleep-Disordered Breathing. <i>Journal of Cardiac Failure</i> , 2007, 13, 395-400.	0.7	5
472	Combining classical HRV indices with wavelet entropy measures improves to performance in diagnosing congestive heart failure. <i>Computers in Biology and Medicine</i> , 2007, 37, 1502-1510.	3.9	171
473	A wavelet-based soft decision technique for screening of patients with congestive heart failure. <i>Biomedical Signal Processing and Control</i> , 2007, 2, 135-143.	3.5	24
474	A greater decrease in blood pressure after spinal anaesthesia in patients with low entropy of the RR interval. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 1161-1165.	0.7	21

#	ARTICLE	IF	CITATIONS
475	Comparison of time and frequency domain measures of RSA in ambulatory recordings. <i>Psychophysiology</i> , 2007, 44, 203-215.	1.2	142
476	Exercise training improves cardiovascular and autonomic profiles in HIV. <i>Clinical Autonomic Research</i> , 2007, 17, 341-348.	1.4	27
477	Is aerobic endurance a determinant of cardiac autonomic regulation?. <i>European Journal of Applied Physiology</i> , 2007, 100, 363-369.	1.2	48
478	Autonomic dysfunction and microvascular damage in systemic sclerosis. <i>Clinical Rheumatology</i> , 2007, 26, 1278-1283.	1.0	44
479	Effects of antidepressant treatment on heart rate variability in major depression: A quantitative review. <i>BioPsychoSocial Medicine</i> , 2008, 2, 12.	0.9	87
480	The vasovagal tonus index as a prognostic indicator in dogs with dilated cardiomyopathy. <i>Journal of Small Animal Practice</i> , 2008, 49, 587-592.	0.5	16
481	Electrocardiographic Activity before Onset of Postoperative Atrial Fibrillation in Cardiac Surgery Patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2008, 31, 1371-1382.	0.5	12
482	The impact of varying autonomic states on the dynamic beat-to-beat QT _{RR} and QT _{TQ} interval relationships. <i>British Journal of Pharmacology</i> , 2008, 154, 1508-1515.	2.7	38
483	Unusual sinus arrhythmia. <i>International Journal of Cardiology</i> , 2008, 127, e138-e141.	0.8	6
484	Heart Rate and Heart Rate Variability Response to the Transpiration of Vortex-Water by Begonia Eliator Plants to the Air in an Office During Visual Display Terminal Work. <i>Journal of Alternative and Complementary Medicine</i> , 2008, 14, 993-1003.	2.1	8
485	Selective quantification of the cardiac sympathetic and parasympathetic nervous systems by multisignal analysis of cardiorespiratory variability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H362-H371.	1.5	33
486	Continuous positive airway pressure increases heart rate variability in heart failure patients with obstructive sleep apnoea. <i>Clinical Science</i> , 2008, 114, 243-249.	1.8	76
487	Effect of Rapid Ascent to High Altitude on Autonomic Cardiovascular Modulation. <i>American Journal of the Medical Sciences</i> , 2008, 336, 248-253.	0.4	43
488	Sleep-Disordered Breathing: Autonomic Mechanisms and Arrhythmias. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 324-338.	1.6	100
489	Heart rate variability in beta-thalassemia patients. <i>European Journal of Haematology</i> , 2009, 83, 483-489.	1.1	26
490	Beneficial cardiovascular effects of reducing exposure to particulate air pollution with a simple facemask. <i>Particle and Fibre Toxicology</i> , 2009, 6, 8.	2.8	178
491	Cardiac Autonomic Imbalance in Children with Allergic Rhinitis. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 219, 187-191.	0.5	36
492	Sympathetic Activation in Congestive Heart Failure: Evidence, Consequences and Therapeutic Implications. <i>Current Vascular Pharmacology</i> , 2009, 7, 137-145.	0.8	36

#	ARTICLE	IF	CITATIONS
493	Complexity modeling: Identify instability early. <i>Critical Care Medicine</i> , 2010, 38, S649-S655.	0.4	32
494	Exercise and cardiac regulation: what can electrocardiographic time series tell us?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 794-804.	1.3	24
495	Heart rate increment analysis is not effective for sleep-disordered breathing screening in patients with chronic heart failure. <i>Journal of Sleep Research</i> , 2010, 19, 131-138.	1.7	11
496	Controle autonômico da frequência cardíaca de pacientes com doenças cardiorrespiratórias crônicas e indivíduos saudáveis em repouso e durante a manobra de acentuação da arritmia sinusal respiratória. <i>Brazilian Journal of Physical Therapy</i> , 2010, 14, 106-113.	1.1	19
497	Assessing Autonomic Function in Smokers. <i>Australasian Medical Journal</i> , 2010, , 712-715.	0.1	3
498	Adrenergic stimulation promotes T-wave alternans and arrhythmia inducibility in a TNF- α genetic mouse model of congestive heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H440-H450.	1.5	13
499	Ventral periaqueductal grey stimulation alters heart rate variability in humans with chronic pain. <i>Experimental Neurology</i> , 2010, 223, 574-581.	2.0	89
500	Heart rate variability analysis using a ballistocardiogram during Valsalva manoeuvre and post exercise. <i>Physiological Measurement</i> , 2011, 32, 1239-1264.	1.2	43
501	Effects of altitude in high-rise building on the autonomic nervous modulation in healthy subjects. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 161, 126-131.	1.4	2
502	Alterations in the Sympathetic and Parasympathetic Nervous Systems in Heart Failure. , 2011, , 254-278.		2
503	Changes in Hemodynamics and Tissue Oxygenation Saturation in the Brain and Skeletal Muscle Induced by Speech Therapy – A Near-Infrared Spectroscopy Study. <i>Scientific World Journal</i> , The, 2011, 11, 1206-1215.	0.8	13
504	Heart Rate Variability and Non-Linear Dynamics in Risk Stratification. <i>Frontiers in Physiology</i> , 2011, 2, 81.	1.3	40
505	Heart Rate Variability ? A Historical Perspective. <i>Frontiers in Physiology</i> , 2011, 2, 86.	1.3	523
506	Impact of Aerobic Training on Cardiovascular Reactivity to and Recovery From Challenge. <i>Psychosomatic Medicine</i> , 2011, 73, 134-141.	1.3	25
507	Improvement of autonomic nervous activity by Waon therapy in patients with chronic heart failure. <i>Journal of Cardiology</i> , 2011, 57, 100-106.	0.8	65
508	Discrimination Power of Short-Term Heart Rate Variability Measures for CHF Assessment. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2011, 15, 40-46.	3.6	101
510	Comparison of the Short-Term Effects of Horse Trekking and Exercising with a Riding Simulator on Autonomic Nervous Activity. <i>Anthrozoos</i> , 2011, 24, 65-77.	0.7	22
511	Spectrum of cardiac rhythm abnormalities and heart rate variability during the convalescent stage of dengue virus infection: a Holter study. <i>Annals of Tropical Paediatrics</i> , 2011, 31, 123-128.	1.0	31

#	ARTICLE	IF	CITATIONS
512	Mitochondria-derived superoxide and voltage-gated sodium channels in baroreceptor neurons from chronic heart-failure rats. <i>Journal of Neurophysiology</i> , 2012, 107, 591-602.	0.9	18
513	Role of editing of R intervals in the analysis of heart rate variability. <i>Frontiers in Physiology</i> , 2012, 3, 148.	1.3	210
514	ECG SIGNAL GENERATION AND HEART RATE VARIABILITY SIGNAL EXTRACTION: SIGNAL PROCESSING, FEATURES DETECTION, AND THEIR CORRELATION WITH CARDIAC DISEASES. <i>Journal of Mechanics in Medicine and Biology</i> , 2012, 12, 1240012.	0.3	9
515	Resilience Training Program Reduces Physiological and Psychological Stress in Police Officers. <i>Global Advances in Health and Medicine</i> , 2012, 1, 44-66.	0.7	157
516	Accurate Prediction of Coronary Artery Disease Using Reliable Diagnosis System. <i>Journal of Medical Systems</i> , 2012, 36, 3353-3373.	2.2	30
517	Methodologies to characterize the QT/corrected QT interval in the presence of drug-induced heart rate changes or other autonomic effects. <i>American Heart Journal</i> , 2012, 163, 912-930.	1.2	107
518	Acupuncture and Heart Rate Variability: A Systems Level Approach to Understanding Mechanism. <i>Explore: the Journal of Science and Healing</i> , 2012, 8, 99-106.	0.4	45
519	Cardiac autonomic nerve abnormalities in chronic heart failure are associated with presynaptic vagal nerve degeneration. <i>Pathophysiology</i> , 2012, 19, 253-260.	1.0	7
520	Heart Rate Recovery Predicts Clinical Worsening in Patients with Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 400-408.	2.5	79
521	A COMPARATIVE STUDY OF HEART RATE VARIABILITY IN DIABETIC SUBJECTS AND NORMAL SUBJECTS. <i>International Journal of Biomedical and Advance Research</i> , 2012, 3, .	0.1	9
522	Bivariate phase-rectified signal averaging for assessment of spontaneous baroreflex sensitivity: normalization of the results. <i>Journal of Electrocardiology</i> , 2012, 45, 77-81.	0.4	28
523	P04.32. Acupuncture and heart rate variability: a systems level approach to understanding mechanism. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, .	3.7	0
524	Noisy fluctuation of heart rate indicates cardiovascular system instability. <i>European Journal of Applied Physiology</i> , 2013, 113, 2253-2261.	1.2	4
525	Favorable effects of carotid endarterectomy on baroreflex sensitivity and cardiovascular neural modulation: a 4-month follow-up. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R1114-R1120.	0.9	17
526	Search for HRV-parameters that detect a sympathetic shift in heart failure patients on β -blocker treatment. <i>Frontiers in Physiology</i> , 2013, 4, 81.	1.3	12
527	The LF/HF ratio does not accurately measure cardiac sympatho-vagal balance. <i>Frontiers in Physiology</i> , 2013, 4, 26.	1.3	859
528	Lower preoperative fluctuation of heart rate variability is an independent risk factor for postoperative atrial fibrillation in patients undergoing major pulmonary resection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 17, 680-686.	0.5	19
529	Abnormal Heart Rate Recovery in Stable Heart Failure Patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 591-595.	0.5	6

#	ARTICLE	IF	CITATIONS
530	The Influence of Electro-Acupuncture Stimulation to Female Constipation Patients. The American Journal of Chinese Medicine, 2013, 41, 301-313.	1.5	41
531	Heart rate variability in children with aortic valve stenosis – a pilot study. Archives of Medical Science, 2013, 3, 535-539.	0.4	3
532	Relationship between Vagal Tone, Cortisol, TNF-Alpha, Epinephrine and Negative Affects in Crohn's Disease and Irritable Bowel Syndrome. PLoS ONE, 2014, 9, e105328.	1.1	152
533	Sympathetic Overactivity in Hypertension and Cardiovascular Disease. Current Vascular Pharmacology, 2014, 12, 4-15.	0.8	79
534	Cardiac coherence, self-regulation, autonomic stability, and psychosocial well-being. Frontiers in Psychology, 2014, 5, 1090.	1.1	160
535	Impaired Signaling Intrinsic to Sinoatrial Node Pacemaker Cells Affects Heart Rate Variability during Cardiac Disease. Journal of Clinical Trials, 2014, 04, .	0.1	13
536	Heart failure-induced changes of voltage-gated Ca ²⁺ channels and cell excitability in rat cardiac postganglionic neurons. American Journal of Physiology - Cell Physiology, 2014, 306, C132-C142.	2.1	27
537	Life activities improve heart rate variability in patients with mild hypertension and/or the initial stage of heart failure. Journal of Clinical Nursing, 2014, 23, 367-373.	1.4	5
538	The therapeutic effect of collateral meridian therapy is comparable to acupoint pressure therapy in treating myofascial pain syndrome. Complementary Therapies in Clinical Practice, 2014, 20, 243-250.	0.7	6
539	The influence of polarized 3D display on autonomic nervous activities. Displays, 2014, 35, 196-201.	2.0	10
540	Investigating the performance improvement of HRV Indices in CHF using feature selection methods based on backward elimination and statistical significance. Computers in Biology and Medicine, 2014, 45, 72-79.	3.9	67
541	Dissecting Heart Failure Through the Multiscale Approach of Systems Medicine. IEEE Transactions on Biomedical Engineering, 2014, 61, 1593-1603.	2.5	4
543	Pacemaker Current Inhibition in Experimental Human Cardiac Sympathetic Activation: A Double-Blind, Randomized, Crossover Study. Clinical Pharmacology and Therapeutics, 2014, 95, 601-607.	2.3	6
544	An easy-to-use technique to characterize cardiodynamics from first-return maps on \hat{r} RR-intervals. Chaos, 2015, 25, 083111.	1.0	1
545	Angiotensin II-superoxide-NF κ B signaling and aortic baroreceptor dysfunction in chronic heart failure. Frontiers in Neuroscience, 2015, 9, 382.	1.4	5
546	Heart Rate Regularity Changes in Older People with Orthostatic Intolerance. Lecture Notes in Computer Science, 2015, , 337-346.	1.0	3
547	Abdominal Breathing Increases Tear Secretion in Healthy Women. Ocular Surface, 2015, 13, 82-87.	2.2	23
548	Letter to the editor: Does low-frequency power of heart rate variability correlate with cardiac sympathetic tone in normal sheep?. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H146-H147.	1.5	3

#	ARTICLE	IF	CITATIONS
549	Multiscale Entropy Analysis of Heart Rate Variability for Assessing the Severity of Sleep Disordered Breathing. <i>Entropy</i> , 2015, 17, 231-243.	1.1	30
550	Chronic cholinergic stimulation promotes changes in cardiovascular autonomic control in spontaneously hypertensive rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 193, 97-103.	1.4	16
551	Clinical Autonomic Dysfunction. , 2015, , .		20
552	Optimizing Estimates of Instantaneous Heart Rate from Pulse Wave Signals with the Synchrosqueezing Transform. <i>Methods of Information in Medicine</i> , 2016, 55, 463-472.	0.7	14
553	HRVanalysis: A Free Software for Analyzing Cardiac Autonomic Activity. <i>Frontiers in Physiology</i> , 2016, 7, 557.	1.3	106
554	Discrimination of systolic and diastolic dysfunctions using multi-layer perceptron in heart rate variability analysis. <i>Computers in Biology and Medicine</i> , 2016, 76, 113-119.	3.9	26
555	A structured review of panel studies used to investigate associations between ambient air pollution and heart rate variability. <i>Environmental Research</i> , 2016, 148, 207-247.	3.7	78
556	A new approach to early diagnosis of congestive heart failure disease by using Hilbertâ€“Huang transform. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 137, 23-34.	2.6	38
557	<sc>H</sc>olter <sc>ECG</sc> monitoring of sympathovagal fluctuation during bronchoscopy. <i>Clinical Respiratory Journal</i> , 2016, 10, 204-210.	0.6	5
558	Increased first and second pulse harmonics in Tai Chi Chuan practitioners. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 87.	3.7	10
559	The use of heart rate variability measures as indicators of autonomic nervous modulation must be careful in patients after orthotopic heart transplantation. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 687-697.	0.7	4
560	Using respiratory sinus arrhythmia to detect obstructive sleep apnea. <i>Health and Technology</i> , 2017, 7, 207-212.	2.1	4
561	Time-Frequency Analysis of Cardiovascular Signals and Their Dynamic Interactions. , 2017, , 257-287.		5
562	An Experiment to Prove the Effect of Low-Level Magnetic Fields Resulting from Ionospheric Changes on Humans. <i>Measurement Science Review</i> , 2017, 17, 37-47.	0.6	2
563	Correlation of Ventricular Arrhythmogenesis with Neuronal Remodeling of Cardiac Postganglionic Parasympathetic Neurons in the Late Stage of Heart Failure after Myocardial Infarction. <i>Frontiers in Neuroscience</i> , 2017, 11, 252.	1.4	8
564	Vasovagal tonus index in dog with myxomatous mitral valve disease. <i>Pesquisa Veterinaria Brasileira</i> , 2017, 37, 1181-1186.	0.5	1
565	Treatment with escitalopram modulates cardiovascular function in rats. <i>European Journal of Pharmacology</i> , 2018, 824, 120-127.	1.7	1
566	Comparison of time-domain, frequency-domain and non-linear analysis for distinguishing congestive heart failure patients from normal sinus rhythm subjects. <i>Biomedical Signal Processing and Control</i> , 2018, 42, 30-36.	3.5	35

#	ARTICLE	IF	CITATIONS
567	Reduced N ^a Ca ²⁺ Channels in Atrioventricular Ganglion Neurons Are Involved in Ventricular Arrhythmogenesis. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	7
568	Ballistocardiography. , 2018, , 127-155.		1
569	Substrates and potential therapeutics of ventricular arrhythmias in heart failure. <i>European Journal of Pharmacology</i> , 2018, 833, 349-356.	1.7	15
570	Diagnosis and treatment of cardiac iron overload in transfusion-dependent thalassemia patients. <i>Expert Review of Hematology</i> , 2018, 11, 471-479.	1.0	17
571	Low-frequency ventilatory oscillations in hypoxia are a major contributor to the low-frequency component of heart rate variability. <i>European Journal of Applied Physiology</i> , 2019, 119, 1769-1777.	1.2	5
572	Pitfalls of assessment of autonomic function by heart rate variability. <i>Journal of Physiological Anthropology</i> , 2019, 38, 3.	1.0	190
573	Empirical Mode Decomposition as a Novel Approach to Study Heart Rate Variability in Congestive Heart Failure Assessment. <i>Entropy</i> , 2019, 21, 1169.	1.1	11
574	Hyperventilation-induced heart rate response as a potential marker for cardiovascular disease. <i>Scientific Reports</i> , 2019, 9, 17887.	1.6	11
575	Myocardial Energy Stress, Autophagy Induction, and Cardiomyocyte Functional Responses. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 472-486.	2.5	19
576	Surge of corticocardiac coupling in SHRSP rats exposed to forebrain cerebral ischemia. <i>Journal of Neurophysiology</i> , 2019, 121, 842-852.	0.9	0
577	Multi-stage classification of congestive heart failure based on short-term heart rate variability. <i>Chaos, Solitons and Fractals</i> , 2019, 118, 145-151.	2.5	56
578	Wavelet ψ -Leader Non Gaussian Multiscale Expansions for Heart Rate Variability Analysis in Congestive Heart Failure Patients. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 80-88.	2.5	12
579	Central serous chorioretinopathy and heart rate variability analysis with a smartphone application. <i>Scientific Reports</i> , 2020, 10, 14949.	1.6	6
580	Usefulness of heart rhythm complexity in heart failure detection and diagnosis. <i>Scientific Reports</i> , 2020, 10, 14916.	1.6	23
581	Detecting heart failure using wearables: a pilot study. <i>Physiological Measurement</i> , 2020, 41, 044001.	1.2	13
582	Geometry of the Poincaré plot can segregate the two arms of autonomic nervous system – A hypothesis. <i>Medical Hypotheses</i> , 2020, 138, 109574.	0.8	5
583	CARDIAC chronotropic effects of sleep-disordered breathing in patients with heart failure. <i>Journal of Sleep Research</i> , 2021, 30, e13160.	1.7	1
584	Automatic Detection of Congestive Heart Failure Based on a Hybrid Deep Learning Algorithm in the Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , 2021, 8, 12550-12558.	5.5	25

#	ARTICLE	IF	CITATIONS
585	The Value of Heart Rhythm Complexity in Identifying High-Risk Pulmonary Hypertension Patients. Entropy, 2021, 23, 753.	1.1	4
586	Changes in Humans' Autonomic Nervous System under Dynamic Lighting Environment During A Short Rest. Journal of Healthcare Engineering, 2021, 2021, 1-7.	1.1	2
587	Fractal analysis of heart rate variability in COPD patients. IFMBE Proceedings, 2007, , 78-81.	0.2	6
588	Cardiorespiratory Variability: Fractals, White Noise, Nonlinear Oscillators, and Linear Modeling. Whatâ€™s to Be Learned. Springer Series in Synergetics, 1991, , 115-126.	0.2	2
589	Sudden death and the autonomic nervous system. Developments in Cardiovascular Medicine, 1991, , 191-207.	0.1	1
590	Long-Term Measurement of Heart Rate Variability. , 1998, , 195-238.		2
591	Autonomic modulation of heart rate variability during endotoxin shock in rabbits. Critical Care Medicine, 1995, 23, 1694-1702.	0.4	64
592	Autonomic control of heart rate after brain injury in children. Critical Care Medicine, 1996, 24, 234-240.	0.4	113
593	Spectral analysis of systemic arterial pressure and heart rate signals as a prognostic tool for the prediction of patient outcome in the intensive care unit. Critical Care Medicine, 1997, 25, 258-266.	0.4	149
594	Effect of NG-nitro-L-arginine methyl ester on autonomic modulation of heart rate variability during hypovolemic shock. Critical Care Medicine, 1999, 27, 2239-2245.	0.4	16
595	Low-Dose But Not High-Dose Captopril Increases Parasympathetic Activity in Patients with Heart Failure. Journal of Cardiovascular Pharmacology, 1997, 30, 7-11.	0.8	18
596	Autonomic Nervous System Activity Imbalance in Cardiomyopathic Hamster. Journal of Cardiovascular Pharmacology, 2000, 36, 369-375.	0.8	9
597	Analysis of Heart-Rate Variability. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 43, 927-933.	1.1	130
598	The effect of wai tan kung on autonomic nervous modulation in the elderly. Journal of Biomedical Science, 2003, 10, 697-705.	2.6	4
599	RR Variability in Healthy, Middle-Aged Persons Compared With Patients With Chronic Coronary Heart Disease or Recent Acute Myocardial Infarction. Circulation, 1995, 91, 1936-1943.	1.6	365
600	Early Left Ventricular Dysfunction Elicits Activation of Sympathetic Drive and Attenuation of Parasympathetic Tone in the Paced Canine Model of Congestive Heart Failure. Circulation, 1995, 92, 555-561.	1.6	56
601	Heart Rate Variability. Circulation, 1996, 93, 1043-1065.	1.6	11,603
602	Impact of Reduced Heart Rate Variability on Risk for Cardiac Events. Circulation, 1996, 94, 2850-2855.	1.6	1,458

#	ARTICLE	IF	CITATIONS
603	Contribution to Heart Rate Variability by Mechanoelectric Feedback. <i>Circulation</i> , 1996, 94, 1762-1767.	1.6	69
604	Absence of Low-Frequency Variability of Sympathetic Nerve Activity in Severe Heart Failure. <i>Circulation</i> , 1997, 95, 1449-1454.	1.6	308
605	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
606	Predicting Survival in Heart Failure Case and Control Subjects by Use of Fully Automated Methods for Deriving Nonlinear and Conventional Indices of Heart Rate Dynamics. <i>Circulation</i> , 1997, 96, 842-848.	1.6	417
607	Heart Rate Variability in Patients With Atrial Fibrillation Is Related to Vagal Tone. <i>Circulation</i> , 1997, 96, 1209-1216.	1.6	93
608	Beat-to-Beat QT Interval Variability. <i>Circulation</i> , 1997, 96, 1557-1565.	1.6	542
609	Augmented Peripheral Chemosensitivity as a Potential Input to Baroreflex Impairment and Autonomic Imbalance in Chronic Heart Failure. <i>Circulation</i> , 1997, 96, 2586-2594.	1.6	221
610	Sympathovagal Balance. <i>Circulation</i> , 1997, 96, 3224-3232.	1.6	907
611	Autonomic pathophysiology in heart failure patients. Sympathetic-cholinergic interrelations.. <i>Journal of Clinical Investigation</i> , 1990, 85, 1362-1371.	3.9	195
612	Interaction between neuronal nitric oxide synthase and inhibitory G protein activity in heart rate regulation in conscious mice.. <i>Journal of Clinical Investigation</i> , 1998, 102, 1279-1285.	3.9	113
613	Heart Rate Variability. , 2012, , 1-6.		16
614	Halothane and Cardiac Autonomic Control in Infants: Assessment with Quantitative Respiratory Sinus Arrhythmia. <i>Pediatric Research</i> , 1996, 40, 710-717.	1.1	12
615	Relationship Between Changes in Pulse Pressure and Frequency Domain Components of Heart Rate Variability During Short-Term Left Ventricular Pacing in Patients with Cardiac Resynchronization Therapy. <i>Medical Science Monitor</i> , 2016, 22, 2043-2049.	0.5	4
616	Variability in Interbeat Duration Influences Myocardial Contractility in Rat Cardiac Trabeculae. <i>Open Cardiovascular Medicine Journal</i> , 2008, 2, 100-104.	0.6	7
617	Design Rationale and Performance Evaluation of the Wavelet Health Wristband: Benchtop Validation of a Wrist-Worn Physiological Signal Recorder. <i>JMIR MHealth and UHealth</i> , 2018, 6, e11040.	1.8	33
619	The Effects of distilled Wild Ginseng Herbal Acupuncture on the Heart Rate Variability(HRV). <i>Journal of Pharmacopuncture</i> , 2008, 11, 55-69.	0.4	10
620	The Effects of distilled <i>Rehmannia glutinosa</i> Herbal Acupuncture on the Heart Rate Variability(HRV). <i>Journal of Pharmacopuncture</i> , 2008, 11, 83-97.	0.4	5
621	Early detection of cardiac involvement in thalassemia: From bench to bedside perspective. <i>World Journal of Cardiology</i> , 2013, 5, 270.	0.5	23

#	ARTICLE	IF	CITATIONS
622	Autonomic nervous activity preceding paroxysmal tachycardic arrhythmias.. Japanese Journal of Electrocardiology, 1993, 13, 181-188.	0.0	3
623	ç¬ƒ7â»ž çŠ¬â±±ä.æ•ê,,^ã,«ãf³ãf•ã,;ãf ©ãf³ã,¹ è†³ã¾ç¥žçµCEã•ã,µãf¼ã,«ãf†ã,£ã,¢ãf³ãf³ã,ªãf. Japanese Journal of Electrocardiology, 1993, 13, 181-188.	0.0	3
624	Evaluation of the AV nodal conduction in patients with atrial fibrillation using Lorenz-Plot method.. Japanese Journal of Electrocardiology, 1996, 16, 723-732.	0.0	5
625	Autonomic functions in acrocyanosis assessed by heart rate variability. European Journal of Rheumatology, 2014, 1, 18-20.	1.3	1
626	Heart rate variability in health and disease. Scandinavian Journal of Work, Environment and Health, 1995, 21, 85-95.	1.7	139
627	Heart rate variability and the dawn of complex physiological signal analysis: methodological and clinical perspectives. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200255.	1.6	19
628	Physiology and pathophysiology of baroreceptor function and neuro-hormonal abnormalities in heart failure. , 2000, , 1-35.		0
629	Functional Correlates of Fractal Behavior of HRV in COPD Patients. IFMBE Proceedings, 2009, , 261-264.	0.2	0
630	33 Ambulatory Electrocardiogram Monitoring. , 2010, , 1417-1486.		0
631	Ambulatory Electrocardiogram Monitoring. , 2012, , 1-70.		0
632	Low-altitude Mountain Tourism Increases Overall Heart Rate Variability and Decreases Heart Rate and Blood Pressures in Healthy Adults. Journal of Clinical & Experimental Cardiology, 2014, 06, .	0.0	0
633	Decrease of the respiratory components in the spectrum of fluctuations in heart rate in coronary heart diseases. Non-invasive index of the severity of coronary arteriosclerosis.. Japanese Journal of Electrocardiology, 1989, 9, 133-139.	0.0	0
634	Pathogenesis of Ventricular Arrhythmias in Heart Failure. , 1990, , 16-23.		0
635	Study of heart rate fluctuation in ischemic heart disease.. Japanese Journal of Electrocardiology, 1991, 11, 46-52.	0.0	0
636	Human Respiratory-Cardiovascular Interactions in Health and Disease. , 1991, , 253-258.		0
637	Spectral Analysis of Cardiovascular Variables as a Tool to Quantify Neural Cardiovascular Control in the Laboratory and Real Life Conditions. Springer Series in Synergetics, 1991, , 103-114.	0.2	0
638	Reliability of the power spectrum analysis of the heart rate variability by Holter electrocardiography.. Japanese Journal of Electrocardiology, 1992, 12, 389-398.	0.0	0
639	Estimation of autonomic nervous activity by heart rate variability spectral analysis using Holter ECG. Comparisone with pharmacologic autonomic nervous function test and assessment of recovery from pharmacologic total autonomic blockade.. Japanese Journal of Electrocardiology, 1992, 12, 3-13.	0.0	0

#	ARTICLE	IF	CITATIONS
659	Heart Rate and Heart Rate Variability. , 2007, , 45-67.		0
660	Reduced Parasympathetic Activity in Patients With Different Types of Congenital Heart Disease and Associations to Exercise Capacity. Journal of Cardiopulmonary Rehabilitation and Prevention, 2021, 41, 35-39.	1.2	4
662	Heart rate variability in the dog: is it too variable?. Canadian Journal of Veterinary Research, 1997, 61, 134-44.	1.1	18
663	Autonomic dysfunction in cystic fibrosis. Journal of the Royal Society of Medicine, 2003, 96 Suppl 43, 11-7.	1.1	3
664	Heart rate variability and sympathovagal balance: pharmacological validation. Netherlands Heart Journal, 2003, 11, 250-259.	0.3	5
665	Cocaine effects on neonatal heart rate dynamics: preliminary findings and methodological problems. Yale Journal of Biology and Medicine, 1993, 66, 75-84.	0.2	9
666	Cocaine alters heart rate dynamics in conscious ferrets. Yale Journal of Biology and Medicine, 1991, 64, 143-53.	0.2	7
667	Autonomic nervous activity and lipid oxidation postexercise with capsaicin in the humans. Journal of Sports Science and Medicine, 2010, 9, 253-61.	0.7	3
668	Using the Oculocardiac Reflex to Characterize Autonomic Imbalance in a Naturally Occurring Canine Model of Valvular Insufficiency. Comparative Medicine, 2018, 68, 156-162.	0.4	2
669	Heart rate variability after bariatric surgery: The addâ€œn value of exercise. European Journal of Sport Science, 2023, 23, 415-422.	1.4	0
670	Diabetic autonomic neuropathy, measurement and management; part 1: measurement. , 2022, , 163-183.		0
671	The Effect of Dynamic Lighting for Working Shift People on Clinical Heart Rate Variability and Human Slow Wave Sleep. Applied Sciences (Switzerland), 2022, 12, 2284.	1.3	3
672	Heart rate variability for medical decision support systems: A review. Computers in Biology and Medicine, 2022, 145, 105407.	3.9	30
673	Similarity Changes Analysis for Heart Rate Fluctuation Regularity as a New Screening Method for Congestive Heart Failure. Entropy, 2021, 23, 1669.	1.1	3
676	Neuroendocrine changes in chronic cardiac failure. Basic Research in Cardiology, 1996, 91, 13-20.	2.5	34
678	Research on the Application of the Dynamic Assisted Sleep Light to Smart Mobile Devices. Applied Sciences (Switzerland), 2022, 12, 5191.	1.3	2
680	Heart rate variability is related to leucocyte count in men and to blood lipoproteins in women in a healthy population of 35â€œyearâ€œold subjects. Journal of Internal Medicine, 1998, 243, 33-40.	2.7	31
681	Cardiopulmonary benefits of respirator intervention against near road ambient particulate matters in healthy young adults: A randomized, blinded, crossover, multi-city study. Chemosphere, 2022, 308, 136437.	4.2	1

#	ARTICLE	IF	CITATIONS
682	Applications of Autonomic Psychophysiology: Heart Rate Variability and Its Biofeedback. Japanese Journal of Physiological Psychology and Psychophysiology, 2022, , .	0.0	1
683	Stellate Ganglia and Cardiac Sympathetic Overactivation in Heart Failure. International Journal of Molecular Sciences, 2022, 23, 13311.	1.8	8
684	Indicators of haemodynamic instability and left ventricular function in a porcine model of esmolol induced negative inotropy. Journal of Clinical Monitoring and Computing, 2023, 37, 651-659.	0.7	2
685	Effect of Age on Heart Rate Variability in Patients with Mitral Valve Prolapse: An Observational Study. Journal of Clinical Medicine, 2023, 12, 165.	1.0	2
686	Análisis espectral de la variabilidad de la frecuencia cardíaca. Iatreia, 0, , .	0.1	7