

Phyllis K Stein

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

171 papers	10,143 citations	53 h-index	98 g-index
194 ext. papers	11,405 ext. citations	4.6 avg, IF	6.04 L-index

#	Paper	IF	Citations
171	Heart rate variability: measurement and clinical utility. <i>Annals of Noninvasive Electrocardiology</i> , 2005 , 10, 88-101	1.5	661
170	Autonomic nervous system responses during sedative infusions of dexmedetomidine. <i>Anesthesiology</i> , 2002 , 97, 592-8	4.3	579
169	Depression, heart rate variability, and acute myocardial infarction. <i>Circulation</i> , 2001 , 104, 2024-8	16.7	545
168	Heart rate variability: a measure of cardiac autonomic tone. <i>American Heart Journal</i> , 1994 , 127, 1376-81	4.9	503
167	Insights from the study of heart rate variability. <i>Annual Review of Medicine</i> , 1999 , 50, 249-61	17.4	402
166	Association of depression with reduced heart rate variability in coronary artery disease. <i>American Journal of Cardiology</i> , 1995 , 76, 562-4	3	378
165	RR variability in healthy, middle-aged persons compared with patients with chronic coronary heart disease or recent acute myocardial infarction. <i>Circulation</i> , 1995 , 91, 1936-43	16.7	304
164	Heart rate variability, sleep and sleep disorders. <i>Sleep Medicine Reviews</i> , 2012 , 16, 47-66	10.2	249
163	Traditional and nonlinear heart rate variability are each independently associated with mortality after myocardial infarction. <i>Journal of Cardiovascular Electrophysiology</i> , 2005 , 16, 13-20	2.7	219
162	Change in heart rate and heart rate variability during treatment for depression in patients with coronary heart disease. <i>Psychosomatic Medicine</i> , 2000 , 62, 639-47	3.7	218
161	Severe depression is associated with markedly reduced heart rate variability in patients with stable coronary heart disease. <i>Journal of Psychosomatic Research</i> , 2000 , 48, 493-500	4.1	204
160	Time Domain Measurements of Heart Rate Variability. <i>Cardiology Clinics</i> , 1992 , 10, 487-498	2.5	193
159	Low heart rate variability and the effect of depression on post-myocardial infarction mortality. <i>Archives of Internal Medicine</i> , 2005 , 165, 1486-91		187
158	Ventricular Ectopy as a Predictor of Heart Failure and Death. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 101-9	15.1	158
157	Vagal modulation and aging. <i>Biological Psychology</i> , 2007 , 74, 165-73	3.2	157
156	Heart rate variability in risk stratification of cardiac patients. <i>Progress in Cardiovascular Diseases</i> , 2013 , 56, 153-9	8.5	154
155	Differing effects of age on heart rate variability in men and women. <i>American Journal of Cardiology</i> , 1997 , 80, 302-5	3	154

154	RR interval dynamics before atrial fibrillation in patients after coronary artery bypass graft surgery. <i>Circulation</i> , 1998 , 98, 429-34	16.7	153
153	Sometimes higher heart rate variability is not better heart rate variability: results of graphical and nonlinear analyses. <i>Journal of Cardiovascular Electrophysiology</i> , 2005 , 16, 954-9	2.7	134
152	Autonomic nervous system dysfunction and inflammation contribute to the increased cardiovascular mortality risk associated with depression. <i>Psychosomatic Medicine</i> , 2010 , 72, 626-35	3.7	126
151	Circadian rhythm in the cardiovascular system: chronocardiology. <i>American Heart Journal</i> , 2003 , 145, 779-86	4.9	119
150	Physical activity and heart rate variability in older adults: the Cardiovascular Health Study. <i>Circulation</i> , 2014 , 129, 2100-10	16.7	113
149	Dietary fish and omega-3 fatty acid consumption and heart rate variability in US adults. <i>Circulation</i> , 2008 , 117, 1130-7	16.7	112
148	Effect of exercise training on heart rate variability in healthy older adults. <i>American Heart Journal</i> , 1999 , 138, 567-76	4.9	110
147	Heart rate variability in critical illness and critical care. <i>Current Opinion in Critical Care</i> , 2002 , 8, 311-5	3.5	109
146	Atrial ectopy as a predictor of incident atrial fibrillation: a cohort study. <i>Annals of Internal Medicine</i> , 2013 , 159, 721-8	8	106
145	Dietary fish and n-3 fatty acid intake and cardiac electrocardiographic parameters in humans. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 478-84	15.1	100
144	The relationship of heart rate and heart rate variability to non-diabetic fasting glucose levels and the metabolic syndrome: the Cardiovascular Health Study. <i>Diabetic Medicine</i> , 2007 , 24, 855-63	3.5	98
143	Association between heart rate variability recorded on postoperative day 1 and length of stay in abdominal aortic surgery patients. <i>Critical Care Medicine</i> , 2001 , 29, 1738-43	1.4	92
142	Origin of heart rate variability and turbulence: an appraisal of autonomic modulation of cardiovascular function. <i>Frontiers in Physiology</i> , 2011 , 2, 95	4.6	79
141	Heart rate variability and markers of inflammation and coagulation in depressed patients with coronary heart disease. <i>Journal of Psychosomatic Research</i> , 2007 , 62, 463-7	4.1	77
140	Ambulatory ECG-based T-wave alternans predicts sudden cardiac death in high-risk post-MI patients with left ventricular dysfunction in the EPHEUS study. <i>Journal of Cardiovascular Electrophysiology</i> , 2008 , 19, 1037-42	2.7	76
139	Atrial Cardiopathy and the Risk of Ischemic Stroke in the CHS (Cardiovascular Health Study). <i>Stroke</i> , 2018 , 49, 980-986	6.7	74
138	Cerebrospinal fluid corticotropin-releasing factor concentration is associated with pain but not fatigue symptoms in patients with fibromyalgia. <i>Neuropsychopharmacology</i> , 2006 , 31, 2776-82	8.7	73
137	Stratification pattern of static and scale-invariant dynamic measures of heartbeat fluctuations across sleep stages in young and elderly. <i>IEEE Transactions on Biomedical Engineering</i> , 2009 , 56, 1564-73	5	72

136	Heart rate variability reflects severity of COPD in PiZ alpha1-antitrypsin deficiency. <i>Chest</i> , 1998 , 113, 327-33	5.3	72
135	Stability of index of heart rate variability in patients with congestive heart failure. <i>American Heart Journal</i> , 1995 , 129, 975-81	4.9	71
134	Effect of 21 mg transdermal nicotine patches and smoking cessation on heart rate variability. <i>American Journal of Cardiology</i> , 1996 , 77, 701-5	3	71
133	Novel measures of heart rate variability predict cardiovascular mortality in older adults independent of traditional cardiovascular risk factors: the Cardiovascular Health Study (CHS). <i>Journal of Cardiovascular Electrophysiology</i> , 2008 , 19, 1169-74	2.7	68
132	Frailty and impaired cardiac autonomic control: new insights from principal components aggregation of traditional heart rate variability indices. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009 , 64, 682-7	6.4	66
131	Caloric restriction may reverse age-related autonomic decline in humans. <i>Aging Cell</i> , 2012 , 11, 644-50	9.9	64
130	Higher levels of inflammation factors and greater insulin resistance are independently associated with higher heart rate and lower heart rate variability in normoglycemic older individuals: the Cardiovascular Health Study. <i>Journal of the American Geriatrics Society</i> , 2008 , 56, 315-21	5.6	63
129	Alterations in temporal patterns of heart rate variability after coronary artery bypass graft surgery. <i>Anesthesiology</i> , 1994 , 81, 1356-64	4.3	60
128	Heart rate variability and its changes over 5 years in older adults. <i>Age and Ageing</i> , 2009 , 38, 212-8	3	59
127	Relation between pet ownership and heart rate variability in patients with healed myocardial infarcts. <i>American Journal of Cardiology</i> , 2003 , 91, 718-21	3	59
126	A simple method to identify sleep apnea using Holter recordings. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, 467-73	2.7	59
125	Physiological complexity underlying heart rate dynamics and frailty status in community-dwelling older women. <i>Journal of the American Geriatrics Society</i> , 2008 , 56, 1698-703	5.6	58
124	Effects of digoxin and enalapril on heart period variability and response to head-up tilt in normal subjects. <i>American Journal of Cardiology</i> , 1993 , 72, 95-9	3	58
123	Objective measures of disordered sleep in fibromyalgia. <i>Journal of Rheumatology</i> , 2009 , 36, 2009-16	4.1	57
122	Association between left atrial abnormality on ECG and vascular brain injury on MRI in the Cardiovascular Health Study. <i>Stroke</i> , 2015 , 46, 711-6	6.7	55
121	Reduced heart rate multiscale entropy predicts death in critical illness: a study of physiologic complexity in 285 trauma patients. <i>Journal of Critical Care</i> , 2008 , 23, 399-405	4	55
120	Changes in 24-hour heart rate variability during normal pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1999 , 180, 978-85	6.4	55
119	Psychological trauma symptom improvement in veterans using emotional freedom techniques: a randomized controlled trial. <i>Journal of Nervous and Mental Disease</i> , 2013 , 201, 153-60	1.8	54

118	Clinical and demographic determinants of heart rate variability in patients post myocardial infarction: insights from the cardiac arrhythmia suppression trial (CAST). <i>Clinical Cardiology</i> , 2000 , 23, 187-94	3.3	53
117	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017 , 8, 15805	17.4	50
116	Sex effects on heart rate variability in fibromyalgia and Gulf War illness. <i>Arthritis and Rheumatism</i> , 2004 , 51, 700-8		50
115	Effects of depression on QT interval variability after myocardial infarction. <i>Psychosomatic Medicine</i> , 2003 , 65, 177-80	3.7	48
114	Autonomic dysfunction in early breast cancer: Incidence, clinical importance, and underlying mechanisms. <i>American Heart Journal</i> , 2015 , 170, 231-41	4.9	47
113	Non-linear heart rate variability and risk stratification in cardiovascular disease. <i>Indian Pacing and Electrophysiology Journal</i> , 2005 , 5, 210-20	1.5	46
112	Effect of cognitive behavioral therapy on heart rate variability during REM sleep in female rape victims with PTSD. <i>Journal of Traumatic Stress</i> , 2003 , 16, 247-50	3.8	45
111	Association of Holter-based measures including T-wave alternans with risk of sudden cardiac death in the community-dwelling elderly: the Cardiovascular Health Study. <i>Journal of Electrocardiology</i> , 2010 , 43, 251-9	1.4	44
110	Clinical application of heart rate variability after acute myocardial infarction. <i>Frontiers in Physiology</i> , 2012 , 3, 41	4.6	43
109	Association between symptoms of depression and anxiety with heart rate variability in patients with implantable cardioverter defibrillators. <i>Psychosomatic Medicine</i> , 2009 , 71, 821-7	3.7	43
108	The effect of brief exercise cessation on pain, fatigue, and mood symptom development in healthy, fit individuals. <i>Journal of Psychosomatic Research</i> , 2004 , 57, 391-8	4.1	43
107	Inflammation and sudden cardiac death in a community-based population of older adults: the Cardiovascular Health Study. <i>Heart Rhythm</i> , 2013 , 10, 1425-32	6.7	42
106	Association of Holter-Derived Heart Rate Variability Parameters With the Development of Congestive Heart Failure in the Cardiovascular Health Study. <i>JACC: Heart Failure</i> , 2017 , 5, 423-431	7.9	41
105	Impact of inflammatory biomarkers on relation of high density lipoprotein-cholesterol with incident coronary heart disease: cardiovascular Health Study. <i>Atherosclerosis</i> , 2013 , 231, 246-51	3.1	40
104	QT dynamicity: a prognostic factor for sudden cardiac death in chronic heart failure. <i>European Journal of Heart Failure</i> , 2005 , 7, 269-75	12.3	39
103	Heart rate turbulence, depression, and survival after acute myocardial infarction. <i>Psychosomatic Medicine</i> , 2007 , 69, 4-9	3.7	37
102	Increased non-gaussianity of heart rate variability predicts cardiac mortality after an acute myocardial infarction. <i>Frontiers in Physiology</i> , 2011 , 2, 65	4.6	36
101	Cardiomyocyte injury assessed by a highly sensitive troponin assay and sudden cardiac death in the community: the Cardiovascular Health Study. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2112-20	15.1	33

100	Obstructive Sleep Apnea in Heart Failure: Review of Prevalence, Treatment with Continuous Positive Airway Pressure, and Prognosis. <i>Texas Heart Institute Journal</i> , 2018 , 45, 151-161	0.8	33
99	Heart rate variability changes at 2400 m altitude predicts acute mountain sickness on further ascent at 3000-4300 m altitudes. <i>Frontiers in Physiology</i> , 2012 , 3, 336	4.6	32
98	Anxiety, depression, and heart rate variability. <i>Psychosomatic Medicine</i> , 2000 , 62, 84-7	3.7	32
97	Cardiovascular physiology in premotor Parkinson's disease: a neuroepidemiologic study. <i>Movement Disorders</i> , 2012 , 27, 988-95	7	30
96	Effect of omega-3 fatty acids on heart rate variability in depressed patients with coronary heart disease. <i>Psychosomatic Medicine</i> , 2010 , 72, 748-54	3.7	30
95	Circadian rhythm in the cardiovascular system: considerations in non-invasive electrophysiology. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2002 , 6, 267-72		30
94	Development of more erratic heart rate patterns is associated with mortality post-myocardial infarction. <i>Journal of Electrocardiology</i> , 2008 , 41, 110-5	1.4	29
93	Assessing heart rate variability from real-world Holter reports. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2002 , 6, 239-44		29
92	Usefulness of abnormal heart rate turbulence to predict cardiovascular mortality in high-risk patients with acute myocardial infarction and left ventricular dysfunction (from the EPHEUS study). <i>American Journal of Cardiology</i> , 2009 , 103, 1495-9	3	27
91	A Hidden Markov Model for Seismocardiography. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 2361-2372	5	26
90	Heart rate variability measured early in patients with evolving acute coronary syndrome and 1-year outcomes of rehospitalization and mortality. <i>Vascular Health and Risk Management</i> , 2014 , 10, 451-64	4.4	24
89	Mindfulness may both moderate and mediate the effect of physical fitness on cardiovascular responses to stress: a speculative hypothesis. <i>Frontiers in Physiology</i> , 2014 , 5, 105	4.6	24
88	Including patients with diabetes mellitus or coronary artery bypass grafting decreases the association between heart rate variability and mortality after myocardial infarction. <i>American Heart Journal</i> , 2004 , 147, 309-16	4.9	24
87	K(ATP) channel gain-of-function leads to increased myocardial L-type Ca(2+) current and contractility in Cantu syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 6773-8	11.5	22
86	Characteristics of heart beat intervals and prediction of death. <i>International Journal of Cardiology</i> , 2005 , 100, 37-45	3.2	22
85	Structural relationships between measures based on heart beat intervals: potential for improved risk assessment. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 1414-20	5	22
84	Heart rate variability in patients with orthotopic heart transplantation: long-term follow-up. <i>Clinical Cardiology</i> , 1993 , 16, A26	3.3	21
83	Empirically supported psychological treatments: the challenge of evaluating clinical innovations. <i>Journal of Nervous and Mental Disease</i> , 2014 , 202, 699-709	1.8	20

82	Heart rate variability in patients with systemic lupus erythematosus: a systematic review and methodological considerations. <i>Lupus</i> , 2018 , 27, 1225-1239	2.6	19
81	Consumption of Caffeinated Products and Cardiac Ectopy. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	19
80	Interactions between short-term and long-term cardiovascular control mechanisms. <i>Chaos</i> , 2007 , 17, 015110	3.3	19
79	Ectopy on a Single 12-Lead ECG, Incident Cardiac Myopathy, and Death in the Community. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	18
78	Depression and obstructive sleep apnea in patients with coronary heart disease. <i>Psychosomatic Medicine</i> , 2006 , 68, 443-8	3.7	18
77	The effect of participation in an exercise training program on cardiovascular reactivity in sedentary middle-aged males. <i>International Journal of Psychophysiology</i> , 1992 , 13, 215-23	2.9	18
76	Recurrent life-threatening hyperkalemia without typical electrocardiographic changes. <i>Journal of Electrocardiology</i> , 2014 , 47, 95-7	1.4	16
75	Multi-scale heart rate dynamics detected by phase-rectified signal averaging predicts mortality after acute myocardial infarction. <i>Europace</i> , 2013 , 15, 437-43	3.9	16
74	The Effect of Threshold Values and Weighting Factors on the Association between Entropy Measures and Mortality after Myocardial Infarction in the Cardiac Arrhythmia Suppression Trial (CAST). <i>Entropy</i> , 2016 , 18, 129	2.8	16
73	Blunted cyclic variation of heart rate predicts mortality risk in post-myocardial infarction, end-stage renal disease, and chronic heart failure patients. <i>Europace</i> , 2017 , 19, 1392-1400	3.9	15
72	Electrocardiographic Predictors of Incident Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2016 , 118, 714-9	3	15
71	Heart rate variability measurement and clinical depression in acute coronary syndrome patients: narrative review of recent literature. <i>Neuropsychiatric Disease and Treatment</i> , 2014 , 10, 1335-47	3.1	15
70	Heart rate variability is independent of age, gender, and race in congestive heart failure with a recent acute exacerbation. <i>American Journal of Cardiology</i> , 1997 , 79, 511-2	3	15
69	Addition of 24-Hour Heart Rate Variability Parameters to the Cardiovascular Health Study Stroke Risk Score and Prediction of Incident Stroke: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	14
68	Trans-fatty acid consumption and heart rate variability in 2 separate cohorts of older and younger adults. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 728-38	6.4	14
67	Relationship of abnormal heart rate turbulence and elevated CRP to cardiac mortality in low, intermediate, and high-risk older adults. <i>Journal of Cardiovascular Electrophysiology</i> , 2011 , 22, 122-7	2.7	14
66	Diastolic dysfunction and autonomic abnormalities in patients with systolic heart failure. <i>European Journal of Heart Failure</i> , 2007 , 9, 364-9	12.3	14
65	Obstructive sleep apnea/hypopnea syndrome and poor response to sertraline in patients with coronary heart disease. <i>Journal of Clinical Psychiatry</i> , 2012 , 73, 31-6	4.6	14

64	Neonatal Skin-to-Skin Contact: Implications for Learning and Autonomic Nervous System Function in Infants With Congenital Heart Disease. <i>Biological Research for Nursing</i> , 2019 , 21, 296-306	2.6	13
63	Genetic vulnerability and phenotypic expression of depression and risk for ischemic heart disease in the Vietnam era twin study of aging. <i>Psychosomatic Medicine</i> , 2010 , 72, 370-5	3.7	13
62	Bone Mineral Density and Risk of Heart Failure in Older Adults: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	12
61	Effect of Somatic Experiencing Resiliency-Based Trauma Treatment Training on Quality of Life and Psychological Health as Potential Markers of Resilience in Treating Professionals. <i>Frontiers in Neuroscience</i> , 2018 , 12, 70	5.1	12
60	Nocturnal patterns of heart rate and the risk of mortality after acute myocardial infarction. <i>American Heart Journal</i> , 2014 , 168, 117-25	4.9	12
59	Phase II trial to evaluate gemcitabine and etoposide for locally advanced or metastatic pancreatic cancer. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 2423-9	6.1	11
58	Autonomic information flow improves prognostic value of heart rate patterns after abdominal aortic surgery. <i>Journal of Critical Care</i> , 2008 , 23, 255-62	4	11
57	Interactive associations of depression and sleep apnea with adverse clinical outcomes after acute myocardial infarction. <i>Psychosomatic Medicine</i> , 2012 , 74, 832-9	3.7	10
56	Demonstration of circadian rhythm in heart rate turbulence using novel application of correlator functions. <i>Heart Rhythm</i> , 2007 , 4, 292-300	6.7	10
55	Circadian and ultradian rhythms in heart rate variability. <i>Biomedizinische Technik</i> , 2006 , 51, 155-8	1.3	10
54	1936 A BANNER YEAR FOR STRAIN GAGES AND EXPERIMENTAL STRESS ANALYSIS A HISTORICAL PERSPECTIVE. <i>Experimental Techniques</i> , 2006 , 30, 23-41	1.4	10
53	Heart-rate and blood-pressure responses to speech alone compared with cognitive challenges in the Stroop task. <i>Perceptual and Motor Skills</i> , 1993 , 77, 555-63	2.2	10
52	Nighttime heart rate predicts response to depression treatment in patients with coronary heart disease. <i>Journal of Affective Disorders</i> , 2016 , 200, 165-71	6.6	10
51	Untreated hypertension decreases heritability of cognition in late middle age. <i>Behavior Genetics</i> , 2012 , 42, 107-20	3.2	9
50	Depression and heart rate variability in cardiac rehabilitation patients: exploring the roles of physical activity and fitness. <i>Perceptual and Motor Skills</i> , 2010 , 111, 608-24	2.2	9
49	Potential role of different components of heart rate variability for risk-stratification in critical care. <i>Critical Care Medicine</i> , 2005 , 33, 2128-30	1.4	9
48	Modifiable Predictors of Ventricular Ectopy in the Community. <i>Journal of the American Heart Association</i> , 2018 , 7, e010078	6	9
47	Medical Correlates of Chronic Multisymptom Illness in Gulf War Veterans. <i>American Journal of Medicine</i> , 2019 , 132, 510-518	2.4	8

46	Prognostic value of heart rate turbulence for risk assessment in patients with unstable angina and non-ST elevation myocardial infarction. <i>Vascular Health and Risk Management</i> , 2013 , 9, 465-73	4.4	8
45	Nighttime heart rate and survival in depressed patients post acute myocardial infarction. <i>Psychosomatic Medicine</i> , 2008 , 70, 757-63	3.7	8
44	Heart rate variability is confounded by the presence of erratic sinus rhythm		8
43	Sudden death, arrhythmic events and measurements of heart rate variability. <i>Journal of the American College of Cardiology</i> , 1999 , 34, 2148-9	15.1	8
42	High-Fidelity Analysis of Perioperative QTc Prolongation. <i>Anesthesia and Analgesia</i> , 2016 , 122, 439-48	3.9	8
41	Increased markers of cardiac vagal activity in leucine-rich repeat kinase 2-associated Parkinson's disease. <i>Clinical Autonomic Research</i> , 2019 , 29, 603-614	4.3	7
40	Imputing observed blood pressure for antihypertensive treatment: impact on population and genetic analyses. <i>American Journal of Hypertension</i> , 2014 , 27, 828-37	2.3	7
39	Autonomic information flow rhythms. From heart beat interval to circadian variation. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2007 , 26, 19-24		7
38	Heart rate variability in a case of pheochromocytoma. <i>Clinical Autonomic Research</i> , 1996 , 6, 41-4	4.3	7
37	Assessment of autonomic control of the heart during transient myocardial ischemia. <i>Journal of Electrocardiology</i> , 2012 , 45, 82-9	1.4	6
36	Measures of parasympathetic function and risk stratification in critical care. <i>Critical Care Medicine</i> , 2008 , 36, 1025-7	1.4	6
35	Vagal tone: myths and realities. <i>Journal of Cardiovascular Electrophysiology</i> , 2005 , 16, 870-1	2.7	6
34	Alterations in heart rate variability in patients undergoing dobutamine stress echocardiography, including patients with neurocardiogenic hypotension. <i>American Heart Journal</i> , 1995 , 130, 1203-9	4.9	6
33	Atrial ectopy as a mediator of the association between race and atrial fibrillation. <i>Heart Rhythm</i> , 2017 , 14, 1856-1861	6.7	5
32	Predictors of atrial ectopy and their relationship to atrial fibrillation risk. <i>Europace</i> , 2019 , 21, 864-870	3.9	5
31	Association of the metabolic syndrome with age-related, nonatherosclerotic, chronic medical conditions. <i>Metabolic Syndrome and Related Disorders</i> , 2011 , 9, 327-35	2.6	5
30	New York Heart Association functional class influences the impact of diabetes on cardiac autonomic function. <i>Journal of Electrocardiology</i> , 2010 , 43, 379-84	1.4	5
29	Cardiac autonomic modulation. Analyzing circadian and ultradian rhythms. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2007 , 26, 14-8		5

28	Detecting OSAHS from patterns seen on heart-rate tachograms		5
27	Increased ventricular premature contraction frequency during rem sleep in patients with coronary artery disease and obstructive sleep apnea. <i>Indian Pacing and Electrophysiology Journal</i> , 2008 , 8, 258-67	1.5	5
26	Association of Alcohol Consumption After Development of Heart Failure With Survival Among Older Adults in the Cardiovascular Health Study. <i>JAMA Network Open</i> , 2018 , 1, e186383	10.4	5
25	Cardiovascular reflex tests in patients with systemic lupus erythematosus: clinical performance and utility. <i>Lupus</i> , 2018 , 27, 1759-1768	2.6	4
24	The St. Louis African American health-heart study: methodology for the study of cardiovascular disease and depression in young-old African Americans. <i>BMC Cardiovascular Disorders</i> , 2013 , 13, 66	2.3	4
23	Heart rate response to a timed walk and cardiovascular outcomes in older adults: the cardiovascular health study. <i>Cardiology</i> , 2012 , 122, 69-75	1.6	4
22	Complex autonomic dysfunction in cardiovascular, intensive care, and schizophrenic patients assessed by autonomic information flow. <i>Biomedizinische Technik</i> , 2006 , 51, 182-5	1.3	4
21	A new method to detect erratic sinus rhythm in RR-interval files generated from Holter recordings		4
20	Assessment of ultra low frequency band power of heart rate variability: validation of alternative methods. <i>International Journal of Cardiology</i> , 1999 , 71, 1-6	3.2	4
19	Response to letter regarding article, "physical activity and heart rate variability in older adults: the cardiovascular health study". <i>Circulation</i> , 2015 , 131, e349-50	16.7	3
18	Mental Stress and Exercise Training Response: Stress-sleep Connection may be Involved. <i>Frontiers in Physiology</i> , 2012 , 3, 178	4.6	3
17	Circadian and ultradian rhythms in cardiac autonomic modulation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006 , 2006, 429-32		3
16	Heart rate turbulence: explorations of an emerging risk factor. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, 453-4	2.7	3
15	Inferring vagal tone from heart rate variability. <i>Psychosomatic Medicine</i> , 1994 , 56, 577-8	3.7	3
14	Increased randomness of heart rate could explain increased heart rate variability preceding onset of atrial fibrillation. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 668-9; author reply 669	15.1	2
13	Heart Rate Variability. <i>Cardiology in Review</i> , 1996 , 4, 101-111	3.2	2
12	Overnight Holter Electrocardiography: An Opportunity for Early Sleep Apnea Diagnosis and Treatment. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 809-810	15.1	1
11	Effect of moricizine on heart rate variability in normal subjects. <i>International Journal of Cardiology</i> , 1995 , 48, 59-65	3.2	1

10	Heart rate variability changes in association with ST segment depression during cesarean section under regional anesthesia. <i>Anesthesia and Analgesia</i> , 1994 , 79, 812-3	3.9	1
9	Premature ventricular complexes and development of heart failure in a community-based population. <i>Heart</i> , 2021 ,	5.1	1
8	Cardiovascular autonomic nervous system function and hip fracture risk: the Cardiovascular Health Study. <i>Archives of Osteoporosis</i> , 2021 , 16, 163	2.9	0
7	Short-term deceleration capacity of heart rate: a sensitive marker of cardiac autonomic dysfunction in idiopathic Parkinson's disease. <i>Clinical Autonomic Research</i> , 2021 , 31, 729-736	4.3	0
6	Heart rate variability and longevity. <i>American Journal of Cardiology</i> , 2010 , 106, 910	3	
5	To the Editor,. <i>Journal of Cardiovascular Electrophysiology</i> , 2008 , 19, E54-E54	2.7	
4	Measurement of the Low-frequency Component of Blood Pressure Variability Can Assist the Interpretation of Heart Rate Variability Data. <i>Anesthesiology</i> , 2003 , 99, 237-237	4.3	
3	HOW TO SELECT A CARRIER FREQUENCY FOR VOLTAGE- NOISE SUPPRESSION IN RESISTIVE MEASUREMENT SYSTEMS THROUGH INFORMATION CONVERSION IN TEN EASY STEPS. <i>Experimental Techniques</i> , 2000 , 24, 17-19	1.4	
2	Sex and circadian pattern of autonomic status 2020 , 191-198		
1	Comment on The effect of persistent U-shaped patterns in RR night-time series on the heart rate variability complexity in healthy humans <i>Physiological Measurement</i> , 2021 , 42, 018002	2.9	