

Junichiro Hayano

List of Publications by Year in descending order

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199
papers

5,579
citations

126907

33
h-index

88630

70
g-index

207
all docs

207
docs citations

207
times ranked

5089
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of assessment of cardiac vagal tone by heart rate variability in normal subjects. American Journal of Cardiology, 1991, 67, 199-204.	1.6	656
2	Effects of Exercise and Stress Management Training on Markers of Cardiovascular Risk in Patients With Ischemic Heart Disease. JAMA - Journal of the American Medical Association, 2005, 293, 1626.	7.4	329
3	Short- and long-term effects of cigarette smoking on heart rate variability. American Journal of Cardiology, 1990, 65, 84-88.	1.6	278
4	Respiratory Sinus Arrhythmia. Circulation, 1996, 94, 842-847.	1.6	255
5	Low Heart Rate Variability and the Effect of Depression on Post-Myocardial Infarction Mortality. Archives of Internal Medicine, 2005, 165, 1486.	3.8	222
6	Depression as a risk factor for mortality after acute myocardial infarction. American Journal of Cardiology, 2003, 92, 1277-1281.	1.6	203
7	Pitfalls of assessment of autonomic function by heart rate variability. Journal of Physiological Anthropology, 2019, 38, 3.	2.6	190
8	Effect of relaxation training on cardiac parasympathetic tone. Psychophysiology, 1994, 31, 223-228.	2.4	158
9	Prognostic value of heart rate variability in patients with end-stage renal disease on chronic haemodialysis. Nephrology Dialysis Transplantation, 2003, 18, 318-325.	0.7	136
10	Severity of coronary atherosclerosis correlates with the respiratory component of heart rate variability. American Heart Journal, 1991, 121, 1070-1079.	2.7	126
11	Hypothesis: respiratory sinus arrhythmia is an intrinsic resting function of cardiopulmonary system. Cardiovascular Research, 2003, 58, 1-9.	3.8	121
12	Non-Gaussian heart rate as an independent predictor of mortality in patients with chronic heart failure. Heart Rhythm, 2008, 5, 261-268.	0.7	115
13	Clinical usefulness of carotid arterial wave intensity in assessing left ventricular systolic and early diastolic performance. Heart and Vessels, 2003, 18, 107-111.	1.2	105
14	Critical Scale Invariance in a Healthy Human Heart Rate. Physical Review Letters, 2004, 93, 178103.	7.8	105
15	Screening for Obstructive Sleep Apnea by Cyclic Variation of Heart Rate. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 64-72.	4.8	77
16	Effect of Slowed Respiration on Cardiac Parasympathetic Response to Threat. Psychosomatic Medicine, 1996, 58, 32-37.	2.0	73
17	Difference in human cardiovascular response between upright and supine recovery from upright cycle exercise. European Journal of Applied Physiology, 2000, 81, 233-239.	2.5	73
18	Assessment of pulse rate variability by the method of pulse frequency demodulation. BioMedical Engineering Online, 2005, 4, 62.	2.7	67

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19	Low-frequency oscillation of sympathetic nerve activity decreases during development of tilt-induced syncope preceding sympathetic withdrawal and bradycardia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1758-H1769.	3.2	66
20	Nonlinear Measures of Heart Rate Variability and Mortality Risk in Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012, 7, 1454-1460.	4.5	66
21	Complex Demodulation of Cardiorespiratory Dynamics Preceding Vasovagal Syncope. <i>Circulation</i> , 1998, 98, 977-983.	1.6	61
22	Reduced Ventricular Response Irregularity Is Associated With Increased Mortality in Patients With Chronic Atrial Fibrillation. <i>Circulation</i> , 2000, 102, 300-306.	1.6	61
23	Assessment of autonomic function in traumatic quadriplegic and paraplegic patients by spectral analysis of heart rate variability. <i>Journal of the Autonomic Nervous System</i> , 1995, 54, 225-234.	1.9	58
24	Direct effect of Pa _{CO₂} on respiratory sinus arrhythmia in conscious humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H973-H976.	3.2	54
25	Circadian Rhythms of Atrioventricular Conduction Properties in Chronic Atrial Fibrillation With and Without Heart Failure. <i>Journal of the American College of Cardiology</i> , 1998, 31, 158-166.	2.8	49
26	Increased Non-Gaussianity of Heart Rate Variability Predicts Cardiac Mortality after an Acute Myocardial Infarction. <i>Frontiers in Physiology</i> , 2011, 2, 65.	2.8	49
27	Effects of daily stress on autonomic cardiac control in patients with coronary artery disease. <i>American Journal of Cardiology</i> , 2004, 93, 1292-1294.	1.6	48
28	Pulse rate variability: a new biomarker, not a surrogate for heart rate variability. <i>Journal of Physiological Anthropology</i> , 2020, 39, 21.	2.6	48
29	Striking effect of left ventricular systolic performance on propagation velocity of left ventricular early diastolic filling flow. <i>Journal of the American Society of Echocardiography</i> , 2001, 14, 1070-1074.	2.8	47
30	Spectral characteristics of ventricular response to atrial fibrillation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997, 273, H2811-H2816.	3.2	44
31	Heart Rate Turbulence, Depression, and Survival After Acute Myocardial Infarction. <i>Psychosomatic Medicine</i> , 2007, 69, 4-9.	2.0	43
32	Relationship between blood pressure obtained from the upper arm with a cuff-type sphygmomanometer and central blood pressure measured with a catheter-tipped micromanometer. <i>Heart and Vessels</i> , 2007, 22, 410-415.	1.2	41
33	Heart Rate Variability Biofeedback Improves Cardiorespiratory Resting Function During Sleep. <i>Applied Psychophysiology Biofeedback</i> , 2013, 38, 265-271.	1.7	37
34	Acupuncture to Danzhong but not to Zhongting increases the cardiac vagal component of heart rate variability. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 161, 116-120.	2.8	34
35	Differentiation of Abnormal Relaxation Pattern with Aging from Abnormal Relaxation Pattern with Coronary Artery Disease in Transmitral Flow with the Use of Tissue Doppler Imaging of the Mitral Annulus. <i>Journal of the American Society of Echocardiography</i> , 1999, 12, 629-635.	2.8	33
36	Exponential Distribution of Long Heart Beat Intervals During Atrial Fibrillation and Their Relevance for White Noise Behaviour in Power Spectrum. <i>Journal of Biological Physics</i> , 2007, 32, 383-392.	1.5	33

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37	Non-Gaussianity of Low Frequency Heart Rate Variability and Sympathetic Activation: Lack of Increases in Multiple System Atrophy and Parkinson Disease. <i>Frontiers in Physiology</i> , 2012, 3, 34.	2.8	32
38	Exploring the relationship between posttraumatic stress disorder symptoms and momentary heart rate variability. <i>Journal of Psychosomatic Research</i> , 2016, 82, 31-34.	2.6	32
39	Mortality Prediction in Severe Congestive Heart Failure Patients With Multifractal Point-Process Modeling of Heartbeat Dynamics. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 2345-2354.	4.2	30
40	Multiscale Entropy of the Heart Rate Variability for the Prediction of an Ischemic Stroke in Patients with Permanent Atrial Fibrillation. <i>PLoS ONE</i> , 2015, 10, e0137144.	2.5	30
41	Effects of the muscle pump and body posture on cardiovascular responses during recovery from cycle exercise. <i>European Journal of Applied Physiology</i> , 2005, 94, 576-583.	2.5	29
42	Central sleep apnoea and inflammation are independently associated with arrhythmia in patients with heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 1003-1010.	7.1	29
43	Regulation of QT interval during postural transitory changes in heart rate in normal subjects. <i>American Journal of Cardiology</i> , 1993, 71, 996-998.	1.6	28
44	Quantitative detection of sleep apnea with wearable watch device. <i>PLoS ONE</i> , 2020, 15, e0237279.	2.5	28
45	Prognostic value of nonlinear heart rate dynamics in hemodialysis patients with coronary artery disease. <i>Kidney International</i> , 2003, 64, 641-648.	5.2	27
46	Suppression of vagal cardiac modulation by blue light in healthy subjects. <i>Journal of Physiological Anthropology</i> , 2016, 35, 24.	2.6	27
47	Prognostic Importance of Novel Oxygen Desaturation Metrics in Patients With Heart Failure and Central Sleep Apnea. <i>Journal of Cardiac Failure</i> , 2017, 23, 131-137.	1.7	27
48	Relation of cardiovascular responses to mental stress and cardiac vagal activity in coronary artery disease. <i>American Journal of Cardiology</i> , 1993, 72, 551-554.	1.6	26
49	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.	0.8	26
50	Accuracy of ECG-based screening for sleep-disordered breathing: a survey of all male workers in a transport company. <i>Sleep and Breathing</i> , 2013, 17, 243-251.	1.7	26
51	Assessment of autonomic function in myotonic dystrophy by spectral analysis of heart-rate variability. <i>Journal of the Autonomic Nervous System</i> , 1995, 55, 131-134.	1.9	25
52	Impact of real-world stress on cardiorespiratory resting function during sleep in daily life. <i>Psychophysiology</i> , 2008, 45, 667-670.	2.4	25
53	The mechanism of emergence and clinical significance of apically directed intraventricular flow during isovolumic relaxation. <i>Journal of the American Society of Echocardiography</i> , 2002, 15, 715-722.	2.8	24
54	Independent associations of alexithymia and social support with depression in hemodialysis patients. <i>Journal of Psychosomatic Research</i> , 2007, 63, 349-356.	2.6	24

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55	Depression, Alexithymia and Long-Term Mortality in Chronic Hemodialysis Patients. <i>Psychotherapy and Psychosomatics</i> , 2010, 79, 303-311.	8.8	24
56	Examining the Crux of Autonomic Dysfunction in Posttraumatic Stress Disorder: Whether Chronic or Situational Distress Underlies Elevated Heart Rate and Attenuated Heart Rate Variability. <i>Psychosomatic Medicine</i> , 2016, 78, 805-809.	2.0	24
57	Blood Pressure and Heart Rate Variability in Taxi Drivers on Long Duty Schedules. <i>Journal of Occupational Health</i> , 2002, 44, 214-220.	2.1	23
58	Vagal nerve activity contributes to improve the efficiency of pulmonary gas exchange in hypoxic humans. <i>Experimental Physiology</i> , 2006, 91, 935-941.	2.0	23
59	Type A behavior pattern in Japanese employees: Cross-cultural comparison of major factors in Jenkins Activity Survey (JAS) responses. <i>Journal of Behavioral Medicine</i> , 1989, 12, 219-231.	2.1	22
60	Influence of cool-down exercise on autonomic control of heart rate during recovery from dynamic exercise. <i>Frontiers of Medical and Biological Engineering: the International Journal of the Japan Society of Medical Electronics and Biological Engineering</i> , 2001, 11, 249-259.	0.2	22
61	Cardiac β^2 -adrenergic receptor density and myocardial systolic function in the remote noninfarcted region after prior myocardial infarction with left ventricular remodelling. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1246-1253.	6.4	22
62	Loss of Fractal Heart Rate Dynamics in Depressive Hemodialysis Patients. <i>Psychosomatic Medicine</i> , 2008, 70, 177-185.	2.0	21
63	Circadian Contrasts in Heart Rate Variability Associated With Posttraumatic Stress Disorder Symptoms in a Young Adult Cohort. <i>Journal of Traumatic Stress</i> , 2016, 29, 415-421.	1.8	21
64	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, euw222.	1.7	21
65	Survival Predictors of Heart Rate Variability After Myocardial Infarction With and Without Low Left Ventricular Ejection Fraction. <i>Frontiers in Neuroscience</i> , 2021, 15, 610955.	2.8	21
66	Coronary disease-prone behavior among Japanese men: Job-centered lifestyle and social dominance. <i>American Heart Journal</i> , 1997, 134, 1029-1036.	2.7	20
67	CARDIOVASCULAR TOLERANCE AND AUTONOMIC NERVOUS RESPONSES IN UNSEDATED UPPER GASTROINTESTINAL SMALL-CALIBER ENDOSCOPY: A COMPARISON BETWEEN TRANSNASAL AND PERORAL PROCEDURES WITH NEWLY DEVELOPED MOUTHPIECE. <i>Digestive Endoscopy</i> , 2011, 23, 78-85.	2.3	19
68	Multi-scale heart rate dynamics detected by phase-rectified signal averaging predicts mortality after acute myocardial infarction. <i>Europace</i> , 2013, 15, 437-443.	1.7	19
69	Age and gender differences in objective sleep properties using large-scale body acceleration data in a Japanese population. <i>Scientific Reports</i> , 2021, 11, 9970.	3.3	19
70	Cardiac Vagal Activation by Adrenocorticotrophic Hormone Treatment in Infants with West Syndrome. <i>Tohoku Journal of Experimental Medicine</i> , 2007, 211, 133-139.	1.2	18
71	Enhancement of autonomic and psychomotor arousal by exposures to blue wavelength light: importance of both absolute and relative contents of melanopic component. <i>Journal of Physiological Anthropology</i> , 2017, 36, 13.	2.6	18
72	Stability over time of circadian rhythm of variability of heart rate in patients with stable coronary artery disease. <i>American Heart Journal</i> , 1997, 134, 411-418.	2.7	17

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73	Circadian rhythm of atrioventricular conduction predicts long-term survival in patients with chronic atrial fibrillation. <i>Chronobiology International</i> , 2002, 19, 633-648.	2.0	17
74	Assessment of autonomic function by long-term heart rate variability: beyond the classical framework of LF and HF measurements. <i>Journal of Physiological Anthropology</i> , 2021, 40, 21.	2.6	17
75	Very low frequency component of heart rate variability as a marker for therapeutic efficacy in patients with obstructive sleep apnea: Preliminary study. <i>Journal of Research in Medical Sciences</i> , 2019, 24, 84.	0.9	16
76	Exposure to blue light during lunch break: effects on autonomic arousal and behavioral alertness. <i>Journal of Physiological Anthropology</i> , 2017, 36, 30.	2.6	15
77	Increase in random component of heart rate variability coinciding with developmental and degenerative stages of life. <i>Physiological Measurement</i> , 2018, 39, 054004.	2.1	15
78	Impact of Heart Rate Fragmentation on the Assessment of Heart Rate Variability. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3314.	2.5	15
79	Differences in pulse rate variability with measurement site. <i>Journal of Physiological Anthropology</i> , 2020, 39, 4.	2.6	15
80	Aging and spectral characteristics of the nonharmonic component of 24-h heart rate variability. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1724-R1731.	1.8	14
81	Nocturnal patterns of heart rate and the risk of mortality after acute myocardial infarction. <i>American Heart Journal</i> , 2014, 168, 117-125.	2.7	14
82	Sleep Stage Classification by a Combination of Actigraphic and Heart Rate Signals. <i>Journal of Low Power Electronics and Applications</i> , 2017, 7, 28.	2.0	14
83	Effects of sympathetic nerve blockades on low-frequency oscillations of human earlobe skin blood flow. <i>Journal of the Autonomic Nervous System</i> , 1999, 77, 60-67.	1.9	12
84	Evaluation of whole left ventricular systolic performance and local myocardial systolic function in patients with prior myocardial infarction using global long-axis myocardial strain. <i>American Journal of Cardiology</i> , 2004, 94, 929-932.	1.6	12
85	Effect of obstructive sleep apnea on response to cognitive behavior therapy for depression after an acute myocardial infarction. <i>Journal of Psychosomatic Research</i> , 2012, 72, 276-281.	2.6	12
86	Interactive Associations of Depression and Sleep Apnea With Adverse Clinical Outcomes After Acute Myocardial Infarction. <i>Psychosomatic Medicine</i> , 2012, 74, 832-839.	2.0	12
87	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.	4.2	12
88	Association of 24-Hour Heart Rate Variability and Daytime Physical Activity: ALLSTAR Big Data Analysis. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2018, 8, 61-67.	0.2	12
89	Redundancy among risk predictors derived from heart rate variability and dynamics: ALLSTAR big data analysis. <i>Annals of Noninvasive Electrocardiology</i> , 2021, 26, e12790.	1.1	11
90	Association Between Regional Difference in Heart Rate Variability and Inter-prefecture Ranking of Healthy Life Expectancy: ALLSTAR Big Data Project in Japan. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017, , 23-28.	0.3	11

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91	Myocardial oxidative metabolism in remote normal regions in the left ventricles with remodeling after myocardial infarction: effect of beta-adrenoceptor blockers. <i>Journal of Nuclear Medicine</i> , 2002, 43, 780-5.	5.0	11
92	Nighttime Heart Rate and Survival in Depressed Patients Post Acute Myocardial Infarction. <i>Psychosomatic Medicine</i> , 2008, 70, 757-763.	2.0	10
93	Estimation of Emotions by Wearable Biometric Sensors Under Daily Activities. , 2018, , .		10
94	Sodium balance, circadian BP rhythm, heart rate variability, and intrarenal renin-angiotensin-aldosterone and dopaminergic systems in acute phase of ARB therapy. <i>Physiological Reports</i> , 2017, 5, e13309.	1.7	10
95	Heart Rate Variability (HRV) and Sympathetic Nerve Activity. , 2017, , 147-161.		9
96	Non-REM Sleep Marker for Wearable Monitoring: Power Concentration of Respiratory Heart Rate Fluctuation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3336.	2.5	9
97	Acute effects of endurance exercise on nocturnal autonomic functions in sedentary subjects: a pilot study. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 113-117.	1.0	9
98	Diagnosis of sleep apnea by the analysis of heart rate variation: A mini review. , 2011, 2011, 7731-4.		8
99	Association of heart rate variability with regional difference in senility death ratio: ALLSTAR big data analysis. <i>SAGE Open Medicine</i> , 2019, 7, 205031211985225.	1.8	8
100	Reverse Redistribution Phenomenon on Rest ^{99m} Tc-Tetrofosmin Myocardial Single Photon Emission Computed Tomography Involves Impaired Left Ventricular Contraction in Patients With Acute Myocardial Infarction. <i>Circulation Journal</i> , 2003, 67, 830-834.	1.6	7
101	Usefulness of Plasma Brain-Type Natriuretic Peptide Level to Differentiate Left Ventricular Diastolic Dysfunction from Preserved Diastolic Function in Patients With Systolic Dysfunction. <i>American Journal of Cardiology</i> , 2005, 95, 1383-1385.	1.6	7
102	Site-specific organ-selective effect of epifascial acupuncture on cardiac and gastric autonomic functions. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 179, 151-154.	2.8	7
103	Association between PM2.5 exposure and heart rate variability for the patients with cardiac problems in Japan. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 339-347.	3.3	7
104	Coronary risk factors in angiographically defined patients with chest pain.. <i>Japanese Journal of Medicine</i> , 1990, 29, 462-468.	0.1	6
105	Increased serum triglyceride clearance, unchanged cholesteryl ester transfer protein activity, and elevated HDL cholesterol during treatment of hypertriglyceridemia with bezafibrate. <i>Current Therapeutic Research</i> , 1994, 55, 1223-1231.	1.2	6
106	The Relationship Between R Amplitude in Lead V ₅ (RV ₅) and Left Ventricular Mass in the Groups of Adolescent Subjects Classified by Body Composition. <i>Japanese Circulation Journal</i> , 1998, 62, 893-899.	1.0	6
107	Is the Blood Flow in the Left Ventricle during the Isovolumic Relaxation Period a Useful Parameter of Left Ventricular Systolic and Early Diastolic Performance?. <i>Cardiology</i> , 1999, 91, 184-188.	1.4	6
108	The role of apically directed intraventricular isovolumic relaxation flow in speeding early diastolic left ventricular filling. <i>Journal of the American Society of Echocardiography</i> , 2003, 16, 1226-1230.	2.8	6

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109	Coronary-Prone Behavior Among Japanese Men. External Validation of the JCBS Scale C.. Circulation Journal, 2003, 67, 129-132.	1.6	6
110	Tl-201 washout rate in remote normal regions in patients with prior myocardial infarction and left ventricular remodeling. Journal of Nuclear Cardiology, 2005, 12, 179-185.	2.1	6
111	Optimal length of R-R interval segment window for Lorenz plot detection of paroxysmal atrial fibrillation by machine learning. BioMedical Engineering OnLine, 2020, 19, 49.	2.7	6
112	Effects of aging on foot pedal responses to visual stimuli. Journal of Physiological Anthropology, 2020, 39, 3.	2.6	6
113	Evaluation of nocturnal heart rate variability for strenuous exercise day using wearable photoelectric pulse wave sensor. Journal of Exercise Rehabilitation, 2018, 14, 633-637.	1.0	6
114	Noninvasive evaluation of left ventricular performance with a new systolic time interval, the Q-V peak, and comparison with established systolic time intervals. American Journal of Cardiology, 1990, 66, 1018-1020.	1.6	5
115	Fast algorithm of long-range cross-correlation analysis using Savitzky-Golay detrending filter and its application to biosignal analysis. , 2017, , .		5
116	Fractional removal rate of fat emulsion (K2) remains to be low in apoE3/3 phenotype subjects with serum triglyceride level above. Life Sciences, 1998, 62, 665-671.	4.3	4
117	Autonomic nervous responses in colorectal polypectomy: Randomized controlled trial comparing air and carbon dioxide insufflation. Digestive Endoscopy, 2016, 28, 203-209.	2.3	4
118	Beat-to-beat T-wave amplitude variability in the risk stratification of right ventricular outflow tract-premature ventricular complex patients. Europace, 2016, 18, 138-145.	1.7	4
119	Sleep stage classification by combination of actigraphic and heart rate signals. , 2017, , .		4
120	Scattering Transform of Heart Rate Variability for the Prediction of Ischemic Stroke in Patients with Atrial Fibrillation. Methods of Information in Medicine, 2018, 57, 141-145.	1.2	4
121	Detection of Daily Emotions by Wearable Biometric Sensors. , 2019, , .		4
122	Impacts of sleeping time during the day on the timing and level of basal heart rate: analysis of ALLSTAR big data. Wireless Networks, 2020, 26, 4819-4823.	3.0	4
123	Ambient-task combined lighting to regulate autonomic and psychomotor arousal levels without compromising subjective comfort to lighting. Journal of Physiological Anthropology, 2021, 40, 8.	2.6	4
124	Machine-Learning Estimation of Body Posture and Physical Activity by Wearable Acceleration and Heartbeat Sensors. Signal and Image Processing: an International Journal, 2019, 10, 01-09.	0.3	4
125	Night-to-night variability of sleep apnea detected by cyclic variation of heart rate during long-term continuous ECG monitoring. Annals of Noninvasive Electrocardiology, 2022, 27, e12901.	1.1	4
126	Association between type a behavior pattern and coronary artery spasm in japanese patients. International Journal of Behavioral Medicine, 1996, 3, 221-232.	1.7	3

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127	L/T-type calcium channel blocker reduces non-Gaussianity of heart rate variability in chronic kidney disease patients under preceding treatment with ARB. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2016, 17, 147032031664390.	1.7	3
128	Heart Rate Variability and Cardiac Diseases. , 2017, , 163-178.		3
129	Characteristics of basal heart rate during daily life. , 2017, , .		3
130	Difference in autonomic nervous effect of blue light depending on the angle of incidence on the eye. BMC Research Notes, 2020, 13, 141.	1.4	3
131	Risk stratification after acute myocardial infarction by amplitudeâ€“frequency mapping of cyclic variation of heart rate. Annals of Noninvasive Electrocardiology, 2021, 26, e12825.	1.1	3
132	Seasonal Sleep Variations and Their Association With Meteorological Factors: A Japanese Population Study Using Large-Scale Body Acceleration Data. Frontiers in Digital Health, 2021, 3, 677043.	2.8	3
133	Continuous-wave Doppler echocardiography for evaluating left ventricular performance. Clinical significance of a new systolic time interval.. Japanese Circulation Journal, 1991, 55, 459-464.	1.0	2
134	Single Administration of Captopril and Combined Use with Beta-Blocker and/or Thiazide Diuretic in the Treatment of Essential Hypertension. Angiology, 1991, 42, 914-923.	1.8	2
135	Probing temporal correlation in ventricular interbeat intervals during atrial fibrillation with local continuous DFA. , 2004, , .		2
136	Site-specific activation of gastric and cardiac parasympathetic function by epifascial acupuncture to abdomen. Autonomic Neuroscience: Basic and Clinical, 2016, 201, 72.	2.8	2
137	Long-range correlations in amplitude variability of HF and LF components of heart rate variability. , 2016, 2016, 6218-6221.		2
138	Comparison of emotional impacts of interaction with remote controlled plush media and those with video call applications. , 2017, , .		2
139	Menstrual Cycles of Autonomic Functions and Physical Activities. , 2018, , .		2
140	Smart Shirt Respiratory Monitoring to Detect Car Driver Drowsiness. International Journal of Affective Engineering, 2021, 20, 57-62.	0.5	2
141	Changes in Heart Rate Dynamics with Menstrual Cycles. Advances in Intelligent Systems and Computing, 2020, , 138-147.	0.6	2
142	Detection of paroxysmal atrial fibrillation by Lorenz plot imaging of ECG R-R intervals. , 2019, , .		2
143	Analysis of autonomic cardiovascular regulation during dynamic and isometric exercises by complex demodulation of heart rate and blood pressure variabilities.. Japanese Journal of Electrocardiology, 1993, 13, 239-247.	0.0	2
144	Rhythm-independent feature of heart rate dynamics common to atrial fibrillation and sinus rhythm in patients with paroxysmal atrial fibrillation. Journal of Cardiology, 2003, 42, 269-76.	1.9	2

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145	Evaluation of Tympanic Temperature, Heart Rate Variability and Finger-Foot Reaction Using VR in the Elderly. <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , 2022, 26, 309-314.	0.9	2
146	Dual Antagonistic Autonomic Control Necessary for 1/f Scaling in Heart Rate. , 2005, , 141-151.		1
147	Autonomic nerve effects of acupuncture stimulations to abdomen detected by analysis of heart rate variability. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 179, 174.	2.8	1
148	Longer lying position causes lower LF/HF of heart rate variability during ambulatory monitoring. , 2016, , .		1
149	Discrimination of Emotional Type by Heartbeat Signal Information. , 2018, , .		1
150	Neural Network Detection of Atrial Fibrillation by Lorenz Plot Images of Interbeat Interval Variation. , 2018, , .		1
151	Assessment of Sleep Quality by Electrocardiogram: Usefulness for Risk Stratification Among Hemodialysis Patients with End-stage Renal Disease. , 2018, , .		1
152	The angiotensin II type 1 receptor blocker azilsartan can overwhelm the sympathetic nerve activation stimulated by coadministration of calcium channel blockers. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2019, 20, 147032031983952.	1.7	1
153	Robustness of Basal Heart Rate against Declining Physical Activity Analysis of Physiological Big Data. , 2019, , .		1
154	Effects of Illumination Color on Autonomic Response to Exercise. , 2019, , .		1
155	Estimation of Office Worker's Emotions Using Wearable Biometric Sensor. <i>International Symposium on Affective Science and Engineering</i> , 2020, ISASE2020, 1-3.	0.3	1
156	Changes in Respiration Pattern Preceding Drowsiness During Driving. <i>International Symposium on Affective Science and Engineering</i> , 2020, ISASE2020, 1-2.	0.3	1
157	Estimation of Office Worker's Emotion Types Using Two-dimensional Model Consisted of Biometric Signals. <i>International Journal of Affective Engineering</i> , 2021, 20, 105-110.	0.5	1
158	Enhanced detection of abnormalities in heart rate variability and dynamics by 7-day continuous ECG monitoring. <i>Annals of Noninvasive Electrocardiology</i> , 2021, , e12897.	1.1	1
159	Sensing of Microvascular Vasomotion Using Consumer Camera. <i>Sensors</i> , 2021, 21, 6256.	3.8	1
160	Impacts of Sleeping Time During the Day on the Timing and Level of Basal Heart Rate: Analysis of ALLSTAR Big Data. <i>EAI/Springer Innovations in Communication and Computing</i> , 2019, , 53-58.	1.1	1
161	Toward standardization of heart rate variability analysis.. <i>Japanese Journal of Electrocardiology</i> , 1996, 16, 217-224.	0.0	1
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