

Junichiro Hayano

List of Publications by Year in descending order

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Version: 2024-02-01

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	Constituent factors of heart rate variability ALLSTAR big data analysis. <i>Wireless Networks</i> , 2022, 28, 1287-1292.	3.0	0
2	Night-to-night variability of sleep apnea detected by cyclic variation of heart rate during long-term continuous ECG monitoring. <i>Annals of Noninvasive Electrocardiology</i> , 2022, 27, e12901.	1.1	4
3	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
4	Prediction of Menstrual Cycle Phase by Wearable Heart Rate Sensor. , 2022, , 528-543.		0
5	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
6	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
7	Prediction of Menstrual Cycle Phase by Wearable Heart Rate Sensor. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2021, , 1-15.	0.3	0
8	Risk stratification after acute myocardial infarction by amplitude-frequency mapping of cyclic variation of heart rate. <i>Annals of Noninvasive Electrocardiology</i> , 2021, 26, e12825.	1.1	3
9	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
10	Seasonal Sleep Variations and Their Association With Meteorological Factors: A Japanese Population Study Using Large-Scale Body Acceleration Data. <i>Frontiers in Digital Health</i> , 2021, 3, 677043.	2.8	3
11	Ambient-task combined lighting to regulate autonomic and psychomotor arousal levels without compromising subjective comfort to lighting. <i>Journal of Physiological Anthropology</i> , 2021, 40, 8.	2.6	4
12	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
13	Sensing of Microvascular Vasomotion Using Consumer Camera. <i>Sensors</i> , 2021, 21, 6256.	3.8	1
14	Smart Shirt Respiratory Monitoring to Detect Car Driver Drowsiness. <i>International Journal of Affective Engineering</i> , 2021, 20, 57-62.	0.5	2
15	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
16	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
17	Impacts of sleeping time during the day on the timing and level of basal heart rate: analysis of ALLSTAR big data. <i>Wireless Networks</i> , 2020, 26, 4819-4823.	3.0	4
18	Increased Heart Rate Fragmentation Predicts Mortality Risk Among End-Stage Renal Disease. , 2020, , .		0

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19	Nocturnal Frequency Instability of Respiratory Sinus Arrhythmia in Heart Failure. , 2020, , .		0
20	Pulse rate variability: a new biomarker, not a surrogate for heart rate variability. Journal of Physiological Anthropology, 2020, 39, 21.	2.6	48
21	Estimation of Office Worker's Emotions Using Wearable Biometric Sensor. International Symposium on Affective Science and Engineering, 2020, ISASE2020, 1-3.	0.3	1
22	Changes in Respiration Pattern Preceding Drowsiness During Driving. International Symposium on Affective Science and Engineering, 2020, ISASE2020, 1-2.	0.3	1
23	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
24	Impact of Heart Rate Fragmentation on the Assessment of Heart Rate Variability. Applied Sciences (Switzerland), 2020, 10, 3314.	2.5	15
25	Non-REM Sleep Marker for Wearable Monitoring: Power Concentration of Respiratory Heart Rate Fluctuation. Applied Sciences (Switzerland), 2020, 10, 3336.	2.5	9
26	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
27	Differences in pulse rate variability with measurement site. Journal of Physiological Anthropology, 2020, 39, 4.	2.6	15
28	Effects of aging on foot pedal responses to visual stimuli. Journal of Physiological Anthropology, 2020, 39, 3.	2.6	6
29	Association between PM2.5 exposure and heart rate variability for the patients with cardiac problems in Japan. Air Quality, Atmosphere and Health, 2020, 13, 339-347.	3.3	7
30	Changes in Heart Rate Dynamics with Menstrual Cycles. Advances in Intelligent Systems and Computing, 2020, , 138-147.	0.6	2
31	Quantitative detection of sleep apnea with wearable watch device. PLoS ONE, 2020, 15, e0237279.	2.5	28
32	Screening of Track Driver's Sleep Apnea by Objective Measure and Subjective Sense of Sleep Quality. International Journal of Affective Engineering, 2020, 19, 79-82.	0.5	0
33	Physiological and Mental Effects of Membrane-Structured Architectural Spaces. International Journal of Structural and Civil Engineering Research, 2020, , 307-313.	0.1	1
34	Associations between Seasonal Variation of Heart Rate Variability and Healthy Life Expectancy in Japan. International Journal of Pharma Medicine and Biological Sciences, 2020, 9, 107-110.	0.2	0
35	Spectral Structure and Nonlinear Dynamics Properties of Long-Term Interstitial Fluid Glucose. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2020, 10, 137-143.	0.2	0
36	Quantitative detection of sleep apnea with wearable watch device. , 2020, 15, e0237279.		0

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37	Quantitative detection of sleep apnea with wearable watch device. , 2020, 15, e0237279.		0
38	Quantitative detection of sleep apnea with wearable watch device. , 2020, 15, e0237279.		0
39	Quantitative detection of sleep apnea with wearable watch device. , 2020, 15, e0237279.		0
40	Association of heart rate variability with regional difference in senility death ratio: ALLSTAR big data analysis. SAGE Open Medicine, 2019, 7, 205031211985225.	1.8	8
41	Pitfalls of assessment of autonomic function by heart rate variability. Journal of Physiological Anthropology, 2019, 38, 3.	2.6	190
42	The angiotensin II type 1 receptor blocker azilsartan can overwhelm the sympathetic nerve activation stimulated by coadministration of calcium channel blockers. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2019, 20, 147032031983952.	1.7	1
43	Psychophysiological Assessment of User's Cumbersome Feeling on Consumer Devices. , 2019, , .		0
44	Detection of Sleep Apnea by Cyclic Variation of Pulse Rate. , 2019, , .		0
45	Usefulness of Adaptive Correlation Filter for Detecting QRS Waves from Noisy Electrocardiograms. , 2019, , .		0
46	Influence of Heart Rate Fragmentation on the Assessment of Heart Rate Variability. , 2019, , .		0
47	Robustness of Basal Heart Rate against Declining Physical Activity Analysis of Physiological Big Data. , 2019, , .		1
48	Detection of Daily Emotions by Wearable Biometric Sensors. , 2019, , .		4
49	Effects of Illumination Color on Autonomic Response to Exercise. , 2019, , .		1
50	Wavelet Ψ -Leader Non Gaussian Multiscale Expansions for Heart Rate Variability Analysis in Congestive Heart Failure Patients. IEEE Transactions on Biomedical Engineering, 2019, 66, 80-88.	4.2	12
51	Impacts of Sleeping Time During the Day on the Timing and Level of Basal Heart Rate: Analysis of ALLSTAR Big Data. EAI/Springer Innovations in Communication and Computing, 2019, , 53-58.	1.1	1
52	Detection of paroxysmal atrial fibrillation by Lorenz plot imaging of ECG R-R intervals. , 2019, , .		2
53	Very low frequency component of heart rate variability as a marker for therapeutic efficacy in patients with obstructive sleep apnea: Preliminary study. Journal of Research in Medical Sciences, 2019, 24, 84.	0.9	16
54	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

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55	Unique Characteristics of Heart Rate Variability Obtained from Pulse Wave Signals during Work. Journal of Advances in Information Technology, 2019, 10, 131-136.	2.9	0
56	Screening of Track Driver's Sleep Apnea by Subjective and Objective Measure. International Symposium on Affective Science and Engineering, 2019, ISASE2019, 1-3.	0.3	0
57	Assessment of Workplace Organization Environment by Wearable Biometric Sensor. International Journal of Environmental Science and Development, 2019, 10, 197-201.	0.6	0
58	Spiky Burst of High Frequency Heart Rate Variability: A Prodromal Sign of Syncope Accompanying Heatstroke. International Journal of Environmental Science and Development, 2019, 10, 241-245.	0.6	1
59	Blue Light Promotes Heart Rate Recovery After Exercise. Proceedings of the International Display Workshops, 2019, , 1159.	0.1	0
60	Blue Light Promotes Heart Rate Recovery After Exercise. Proceedings of the International Display Workshops, 2019, , 1159.	0.1	0
61	Increase in random component of heart rate variability coinciding with developmental and degenerative stages of life. Physiological Measurement, 2018, 39, 054004.	2.1	15
62	Mortality Prediction in Severe Congestive Heart Failure Patients With Multifractal Point-Process Modeling of Heartbeat Dynamics. IEEE Transactions on Biomedical Engineering, 2018, 65, 2345-2354.	4.2	30
63	Variations Among Heart Rate Variability of Pulse Waves Simultaneously Measured at Different Sites. , 2018, , .		0
64	Menstrual Cycles of Autonomic Functions and Physical Activities. , 2018, , .		2
65	Physiological and Psychological Burden of Workers by Satellite Navigation Labor Management. , 2018, , .		0
66	Discrimination of Emotional Type by Heartbeat Signal Information. , 2018, , .		1
67	Effects of Chewing Gum on Differential Components of Psychomotor Vigilance : Improved Sustained Attention with Prolonged Reaction Time. , 2018, , .		0
68	Neural Network Detection of Atrial Fibrillation by Lorenz Plot Images of Interbeat Interval Variation. , 2018, , .		1
69	Assessment of Sleep Quality by Electrocardiogram: Usefulness for Risk Stratification Among Hemodialysis Patients with End-stage Renal Disease. , 2018, , .		1
70	Estimation of Emotions by Wearable Biometric Sensors Under Daily Activities. , 2018, , .		10
71	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
72	Acute effects of endurance exercise on nocturnal autonomic functions in sedentary subjects: a pilot study. Journal of Exercise Rehabilitation, 2018, 14, 113-117.	1.0	9

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73	Evaluation of nocturnal heart rate variability for strenuous exercise day using wearable photoelectric pulse wave sensor. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 633-637.	1.0	6
74	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
75	Assessment of Flow Mediated Dilation by Pulse Wave Conduction Delay. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2018, 8, 147-154.	0.2	0
76	Color Glasses during Morning Drive for Commuting-Effects on Autonomic Functions, Alertness, and Nocturnal Sleep. <i>International Journal of Environmental Science and Development</i> , 2018, 9, 90-94.	0.6	0
77	Synchronization between Respiration and Mastication Functional Coordination of Respiratory and Digestive Systems. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2018, 8, 181-186.	0.2	0
78	Relaxing and Communication-Promoting Effects of Wooden Tableware at Workplace Social Gathering. <i>World Journal of Social Science Research</i> , 2018, 5, 205.	0.1	0
79	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
80	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
81	Sleep stage classification by combination of actigraphic and heart rate signals. , 2017, , .		4
82	Heart Rate Variability and Cardiac Diseases. , 2017, , 163-178.		3
83	Heart Rate Variability (HRV) and Sympathetic Nerve Activity. , 2017, , 147-161.		9
84	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
85	Development of sleep-wake estimation algorithm using the wrist acceleration sensor. , 2017, , .		0
86	Characteristics of basal heart rate during daily life. , 2017, , .		3
87	Comparison of emotional impacts of interaction with remote controlled plush media and those with video call applications. , 2017, , .		2
88	Life Style Modification by Peer Monitoring of Physical Activity. , 2017, , .		0
89	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
90	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

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91	Fast algorithm of long-range cross-correlation analysis using Savitzky-Golay detrending filter and its application to biosignal analysis. , 2017, , .		5
92	Blue glasses increase your alertness: Effects of colored glasses on psychomotor performance. , 2017, , .		0
93	Association Between Regional Difference in Heart Rate Variability and Inter-prefecture Ranking of Healthy Life Expectancy: ALLSTAR Big Data Project in Japan. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 23-28.	0.3	11
94	Sodium balance, circadian BP rhythm, heart rate variability, and intrarenal renin-angiotensin-aldosterone and dopaminergic systems in acute phase of ARB therapy. Physiological Reports, 2017, 5, e13309.	1.7	10
95	Respiratory Sinus Arrhythmia and Entraining Heartbeats with Cheyne-Stokes Respiration: Cardiopulmonary Works to Be Minimal by Synchronizing Heartbeats with Breathing. , 2017, , 129-146.		1
96	P-21 Coordination of chewing rhythm and heart rate. Ningen Kogaku = the Japanese Journal of Ergonomics, 2017, 53, S742-S743.	0.1	1
97	Physical and Psychophysiological Impacts of GPS Labor Management in Nursing Home Workers. , 2016, , .		0
98	Examining the Crux of Autonomic Dysfunction in Posttraumatic Stress Disorder: Whether Chronic or Situational Distress Underlies Elevated Heart Rate and Attenuated Heart Rate Variability. Psychosomatic Medicine, 2016, 78, 805-809.	2.0	24
99	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
100	Long-range correlations in amplitude variability of HF and LF components of heart rate variability. , 2016, 2016, 6218-6221.		2
101	Longer lying position causes lower LF/HF of heart rate variability during ambulatory monitoring. , 2016, , .		1
102	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
103	Circadian Contrasts in Heart Rate Variability Associated With Posttraumatic Stress Disorder Symptoms in a Young Adult Cohort. Journal of Traumatic Stress, 2016, 29, 415-421.	1.8	21
104	Suppression of vagal cardiac modulation by blue light in healthy subjects. Journal of Physiological Anthropology, 2016, 35, 24.	2.6	27
105	Acupuncture (epifascial stimulation) at Kurono's Standard for the Whole Body Regulation improves subjective sleep quality assessed. Zen Nihon Shinkyu Gakkai Zasshi (Journal of the Japan Society of Tj ETQq1 1 0.784314 rgBT /Overlo		
106	Autonomic nervous responses in colorectal polypectomy: Randomized controlled trial comparing air and carbon dioxide insufflation. Digestive Endoscopy, 2016, 28, 203-209.	2.3	4
107	Exploring the relationship between posttraumatic stress disorder symptoms and momentary heart rate variability. Journal of Psychosomatic Research, 2016, 82, 31-34.	2.6	32
108	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

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109	Multiscale Entropy of the Heart Rate Variability for the Prediction of an Ischemic Stroke in Patients with Permanent Atrial Fibrillation. PLoS ONE, 2015, 10, e0137144.	2.5	30
110	Nocturnal patterns of heart rate and the risk of mortality after acute myocardial infarction. American Heart Journal, 2014, 168, 117-125.	2.7	14
111	Accuracy of ECG-based screening for sleep-disordered breathing: a survey of all male workers in a transport company. Sleep and Breathing, 2013, 17, 243-251.	1.7	26
112	Heart Rate Variability Biofeedback Improves Cardiorespiratory Resting Function During Sleep. Applied Psychophysiology Biofeedback, 2013, 38, 265-271.	1.7	37
113	Central sleep apnoea and inflammation are independently associated with arrhythmia in patients with heart failure. European Journal of Heart Failure, 2013, 15, 1003-1010.	7.1	29
114	Autonomic nerve effects of acupuncture stimulations to abdomen detected by analysis of heart rate variability. Autonomic Neuroscience: Basic and Clinical, 2013, 179, 174.	2.8	1
115	Site-specific organ-selective effect of epifascial acupuncture on cardiac and gastric autonomic functions. Autonomic Neuroscience: Basic and Clinical, 2013, 179, 151-154.	2.8	7
116	Multi-scale heart rate dynamics detected by phase-rectified signal averaging predicts mortality after acute myocardial infarction. Europace, 2013, 15, 437-443.	1.7	19
117	Nonlinear Measures of Heart Rate Variability and Mortality Risk in Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 1454-1460.	4.5	66
118	Effect of obstructive sleep apnea on response to cognitive behavior therapy for depression after an acute myocardial infarction. Journal of Psychosomatic Research, 2012, 72, 276-281.	2.6	12
119	Interactive Associations of Depression and Sleep Apnea With Adverse Clinical Outcomes After Acute Myocardial Infarction. Psychosomatic Medicine, 2012, 74, 832-839.	2.0	12
120	Non-Gaussianity of Low Frequency Heart Rate Variability and Sympathetic Activation: Lack of Increases in Multiple System Atrophy and Parkinson Disease. Frontiers in Physiology, 2012, 3, 34.	2.8	32
121	Cardiac β -adrenergic receptor density and myocardial systolic function in the remote noninfarcted region after prior myocardial infarction with left ventricular remodelling. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1246-1253.	6.4	22
122	Diagnosis of sleep apnea by the analysis of heart rate variation: A mini review. , 2011, 2011, 7731-4.		8
123	Screening for Obstructive Sleep Apnea by Cyclic Variation of Heart Rate. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 64-72.	4.8	77
124	Acupuncture to Danzhong but not to Zhongting increases the cardiac vagal component of heart rate variability. Autonomic Neuroscience: Basic and Clinical, 2011, 161, 116-120.	2.8	34
125	Increased Non-Gaussianity of Heart Rate Variability Predicts Cardiac Mortality after an Acute Myocardial Infarction. Frontiers in Physiology, 2011, 2, 65.	2.8	49
126	CARDIOVASCULAR TOLERANCE AND AUTONOMIC NERVOUS RESPONSES IN UNSEDATED UPPER GASTROINTESTINAL SMALL- ϵ CALIBER ENDOSCOPY: A COMPARISON BETWEEN TRANSNASAL AND PERORAL PROCEDURES WITH NEWLY DEVELOPED MOUTHPIECE. Digestive Endoscopy, 2011, 23, 78-85.	2.3	19

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127	Depression, Alexithymia and Long-Term Mortality in Chronic Hemodialysis Patients. <i>Psychotherapy and Psychosomatics</i> , 2010, 79, 303-311.	8.8	24
128	Impact of real-world stress on cardiorespiratory resting function during sleep in daily life. <i>Psychophysiology</i> , 2008, 45, 667-670.	2.4	25
129	Non-Gaussian heart rate as an independent predictor of mortality in patients with chronic heart failure. <i>Heart Rhythm</i> , 2008, 5, 261-268.	0.7	115
130	Loss of Fractal Heart Rate Dynamics in Depressive Hemodialysis Patients. <i>Psychosomatic Medicine</i> , 2008, 70, 177-185.	2.0	21
131	Nighttime Heart Rate and Survival in Depressed Patients Post Acute Myocardial Infarction. <i>Psychosomatic Medicine</i> , 2008, 70, 757-763.	2.0	10
132	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
133	Heart Rate Turbulence, Depression, and Survival After Acute Myocardial Infarction. <i>Psychosomatic Medicine</i> , 2007, 69, 4-9.	2.0	43
134	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
135	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
136	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
137	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
138	Tl-201 washout rate in remote normal regions in patients with prior myocardial infarction and left ventricular remodeling. <i>Journal of Nuclear Cardiology</i> , 2005, 12, 179-185.	2.1	6
139	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
140	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
141	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
142	Effects of Exercise and Stress Management Training on Markers of Cardiovascular Risk in Patients With Ischemic Heart Disease. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 1626.	7.4	329
143	Low Heart Rate Variability and the Effect of Depression on Post-Myocardial Infarction Mortality. <i>Archives of Internal Medicine</i> , 2005, 165, 1486.	3.8	222
144	Assessment of pulse rate variability by the method of pulse frequency demodulation. <i>BioMedical Engineering Online</i> , 2005, 4, 62.	2.7	67

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145	Dual Antagonistic Autonomic Control Necessary for 1/f Scaling in Heart Rate. , 2005, , 141-151.		1
146	Critical Scale Invariance in a Healthy Human Heart Rate. Physical Review Letters, 2004, 93, 178103.	7.8	105
147	Effects of daily stress on autonomic cardiac control in patients with coronary artery disease. American Journal of Cardiology, 2004, 93, 1292-1294.	1.6	48
148	Evaluation of whole left ventricular systolic performance and local myocardial systolic function in patients with prior myocardial infarction using global long-axis myocardial strain. American Journal of Cardiology, 2004, 94, 929-932.	1.6	12
149	Probing temporal correlation in ventricular interbeat intervals during atrial fibrillation with local continuous DFA. , 2004, , .		2
150	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
151	Depression as a risk factor for mortality after acute myocardial infarction. American Journal of Cardiology, 2003, 92, 1277-1281.	1.6	203
152	Prognostic value of nonlinear heart rate dynamics in hemodialysis patients with coronary artery disease. Kidney International, 2003, 64, 641-648.	5.2	27
153	The role of apically directed intraventricular isovolumic relaxation flow in speeding early diastolic left ventricular filling. Journal of the American Society of Echocardiography, 2003, 16, 1226-1230.	2.8	6
154	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
155	Hypothesis: respiratory sinus arrhythmia is an intrinsic resting function of cardiopulmonary system. Cardiovascular Research, 2003, 58, 1-9.	3.8	121
156	Coronary-Prone Behavior Among Japanese Men. External Validation of the JCBS Scale C.. Circulation Journal, 2003, 67, 129-132.	1.6	6
157	Reverse Redistribution Phenomenon on Rest 99mTc-Tetrofosmin Myocardial Single Photon Emission Computed Tomography Involves Impaired Left Ventricular Contraction in Patients With Acute Myocardial Infarction. Circulation Journal, 2003, 67, 830-834.	1.6	7
158	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
159	Circadian rhythm of atrioventricular conduction predicts long-term survival in patients with chronic atrial fibrillation. Chronobiology International, 2002, 19, 633-648.	2.0	17
160	Blood Pressure and Heart Rate Variability in Taxi Drivers on Long Duty Schedules. Journal of Occupational Health, 2002, 44, 214-220.	2.1	23
161	The mechanism of emergence and clinical significance of apically directed intraventricular flow during isovolumic relaxation. Journal of the American Society of Echocardiography, 2002, 15, 715-722.	2.8	24
162	Direct effect of Pa _{CO₂} on respiratory sinus arrhythmia in conscious humans. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H973-H976.	3.2	54

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163	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
164	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
165	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
166	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
167	Difference in human cardiovascular response between upright and supine recovery from upright cycle exercise. <i>European Journal of Applied Physiology</i> , 2000, 81, 233-239.	2.5	73
168	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
169	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
170	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
171	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
172	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
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