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**Decreased heart rate variability and its association with increased mortality after acute myocardial infarction**

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#	Paper	IF	Citations
2326	Heart rate variability measurements during exercise test may improve the diagnosis of ischemic heart disease.		2
2325	Long-term continuous electrocardiographic recordings and electrophysiologic testing to select patients with ventricular arrhythmias for drug trials and to determine antiarrhythmic drug efficacy. <i>American Journal of Cardiology</i> , <b>1986</b> , 58, 58C-65C	3	9
2324	Impaired vagal heart rate control in coronary artery disease. <b>1987</b> , 58, 592-7		102
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2322	Heart rate after coronary artery bypass grafting. <i>American Journal of Cardiology</i> , <b>1987</b> , 60, 1395-7	3	20
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663	Assessing physiological response mechanisms and the role of psychosocial job resources in the physical activity health paradox: study protocol for the Flemish Employees' Physical Activity (FEPA) study. <b>2019</b> , 19, 765	11
662	Long non-coding RNAs as new regulators of cardiac electrophysiology and arrhythmias: Molecular mechanisms, therapeutic implications and challenges. <b>2019</b> , 203, 107389	27
661	Renin Activity in Heart Failure with Reduced Systolic Function-New Insights. <b>2019</b> , 20,	10
660	The Effect of Antiarrhythmic Drugs on the Beat Rate Variability of Human Embryonic and Human Induced Pluripotent Stem Cell Derived Cardiomyocytes. <b>2019</b> , 9, 14106	7
659	Effect of slow breathing exercise on non linear Heart rate variability in transfusion dependent thalassemic patients. <b>2019</b> , 14, 26-32	
658	Heart rate variability analysis and cardiac dysautonomia in ischemic stroke patients. <b>2019</b> , 186, 105528	3
657	A Study of Gridding Scatter Plot for Heart Rate Variability in the Sleep Onset Latency. <b>2019</b> ,	
656	Novel heart rate variability index for wrist-worn wearable devices subject to motion artifacts that complicate measurement of the continuous pulse interval. <b>2019</b> , 40, 105010	6
655	Heart rate variability in atrial fibrillation: The balance between sympathetic and parasympathetic nervous system. <b>2019</b> , 49, e13174	30
654	Evaluation of Mental Stress and Heart Rate Variability Derived from Wrist-Based Photoplethysmography. <b>2019</b> ,	5

653	Autonomic Nervous System Derangement as a Predictor of Cardiovascular Disease in Obese Postmenopausal Women. <b>2019</b> , 04, 008-014	
652	Physical activity is associated with cardiac autonomic function in adolescent men. <b>2019</b> , 14, e0222121	5
651	Non-linear regulation of cardiac autonomic modulation in obese youths: interpolation of ultra-short time series. <b>2019</b> , 29, 1196-1201	1
650	#MindinBody - feasibility of vigorous exercise (Bikram yoga versus high intensity interval training) to improve persistent pain in women with a history of trauma: a pilot randomized control trial. <b>2019</b> , 19, 234	2
649	The cardiovascular effects of electronic cigarettes: A systematic review of experimental studies. <b>2019</b> , 127, 105770	27
648	Hypothetical Control of Heart Rate Variability. <b>2019</b> , 10, 1078	3
647	Combined effects of exercise training and high doses of anabolic steroids on cardiac autonomic modulation and ventricular repolarization properties in rats. <b>2019</b> , 97, 1185-1192	3
646	Acquired loss of cardiac vagal activity is associated with myocardial injury in patients undergoing noncardiac surgery: prospective observational mechanistic cohort study. <b>2019</b> , 123, 758-767	6
645	Restitution and Stability of Human Ventricular Action Potential at High and Variable Pacing Rate. <b>2019</b> , 117, 2382-2395	2
644	Pre-synaptic sympathetic calcium channels, cyclic nucleotide-coupled phosphodiesterases and cardiac excitability. <b>2019</b> , 94, 20-27	7
643	Windows Into Human Health Through Wearables Data Analytics. <b>2019</b> , 9, 28-46	58
642	Assessment and clinical relevance of the dynamic parameters of ventricular repolarization in patients with grade I left ventricular diastolic dysfunction. <b>2019</b> , 97, 577-580	1
641	Heart Rate and Heart Rate Variability of Rhesus Macaques () Affected by Left Ventricular Hypertrophy. <b>2019</b> , 6, 1	64
640	Automated Classification of Hypertension and Coronary Artery Disease Patients by PNN, KNN, and SVM Classifiers Using HRV Analysis. <b>2019</b> , 99-125	11
639	Choosing among second-generation antidepressant treatments for depressed patients with cardiac diseases. <b>2019</b> , 23, 134-148	2
638	Cardiac dysautonomia in depression - heart rate variability biofeedback as a potential add-on therapy. <b>2019</b> , 15, 1287-1310	17
637	Stimulation of alpha 7 nicotinic acetylcholine receptor ( $\alpha 7$ nAChR) inhibits atherosclerosis via immunomodulatory effects on myeloid cells. <b>2019</b> , 287, 122-133	12
636	Prenatal and recent methylmercury exposure and heart rate variability in young adults: the Seychelles Child Development Study. <b>2019</b> , 74, 106810	4

635	Association between blood pressure variability and the short-term outcome in patients with acute spontaneous subarachnoid hemorrhage. <b>2019</b> , 42, 1701-1707	10
634	Using heart rate profiles during sleep as a biomarker of depression. <b>2019</b> , 19, 168	12
633	A Copernican Approach to Brain Advancement: The Paradigm of Allostatic Orchestration. <b>2019</b> , 13, 129	3
632	Shift of leading pacemaker site during reflex vagal stimulation and altered electrical source-to-sink balance. <b>2019</b> , 597, 3297-3313	5
631	Repeated generalized seizures can produce calcified cardiac lesions in DBA/1 mice. <b>2019</b> , 95, 169-174	8
630	Illness perception and high readmission health outcomes. <b>2019</b> , 6, 2055102919844504	18
629	Altered Autonomic Reactivity During Lower Body Negative Pressure in End-Stage Renal Disease. <b>2019</b> , 358, 11-18	1
628	Risk Factor Variability and Cardiovascular Outcome: JACC Review Topic of the Week. <b>2019</b> , 73, 2596-2603	33
627	The moderating effect of heart rate variability on the relationship between alpha asymmetry and depressive symptoms. <b>2019</b> , 5, e01290	4
626	CrossTalk proposal: Heart rate variability is a valid measure of cardiac autonomic responsiveness. <b>2019</b> , 597, 2595-2598	37
625	Rebuttal from Marek Malik, Katerina Hnatkova, Heikki V. Huikuri, Federico Lombardi, Georg Schmidt and Markus Zabel. <b>2019</b> , 597, 2603-2604	6
624	The Sixth Sense Organs: The Heart. <b>2019</b> , 243-250	
623	Sickle Cell Disease Subjects Have a Distinct Abnormal Autonomic Phenotype Characterized by Peripheral Vasoconstriction With Blunted Cardiac Response to Head-Up Tilt. <b>2019</b> , 10, 381	12
622	Biophysics and Neurophysiology of the Sixth Sense. <b>2019</b> ,	2
621	Autonomic Nervous System Dysfunction: JACC Focus Seminar. <b>2019</b> , 73, 1189-1206	62
620	Objectively Measured Sitting and Standing in Workers: Cross-Sectional Relationship with Autonomic Cardiac Modulation. <b>2019</b> , 16,	10
619	Pitfalls of assessment of autonomic function by heart rate variability. <b>2019</b> , 38, 3	95
618	Salbutamol But Not Ipratropium Shifts Autonomic Balance Towards Sympathetic in Chronic Obstructive Pulmonary Disease. <b>2019</b> , 14, 166-171	1



617	A novel heart rate attractor for the prediction of cardiovascular disease. <b>2019</b> , 15, 100174	6
616	Exercise Frequency Determines Heart Rate Variability Gains in Older People: A Meta-Analysis and Meta-Regression. <b>2019</b> , 49, 719-729	28
615	A systematic review of cardiovascular responses associated with ambient black carbon and fine particulate matter. <b>2019</b> , 127, 305-316	60
614	Accentuated antagonism of vagal heart rate control and less potent prejunctional inhibition of vagal acetylcholine release during sympathetic nerve stimulation in the rat. <b>2019</b> , 218, 25-30	3
613	Association of long-term exposure to traffic-related PM with heart rate variability and heart rate dynamics in healthy subjects. <b>2019</b> , 125, 107-116	13
612	Polyscore of Non-invasive Cardiac Risk Factors. <b>2019</b> , 10, 49	9
611	Estimation of Cardiovascular Variability. <b>2019</b> , 103-119	
610	Multiple Time Scales Analysis for Identifying Congestive Heart Failure Based on Heart Rate Variability. <b>2019</b> , 7, 17862-17871	10
609	ECG-based Detection and Prediction Models of Sudden Cardiac Death: Current Performances and New Perspectives on Signal Processing Techniques. <b>2019</b> , 15, 110	3
608	Usefulness of Adaptive Correlation Filter for Detecting QRS Waves from Noisy Electrocardiograms. <b>2019</b> ,	
607	A Personalized Signature and Chronotherapy-Based Platform for Improving the Efficacy of Sepsis Treatment. <b>2019</b> , 10, 1542	29
606	Overnight call is associated with poor resting heart rate and heart rate variability in orthopaedic surgeons. <b>2019</b> , 4, 123-126	
605	Obstructive sleep apnea screening by heart rate variability-based apnea/normal respiration discriminant model. <b>2019</b> , 40, 125001	10
604	Biomarker variability and cardiovascular disease residual risk. <b>2019</b> , 34, 413-417	8
603	Psychological Traits, Heart Rate Variability, and Risk of Coronary Heart Disease in Healthy Aging Women-The Women's Health Initiative. <b>2019</b> , 81, 256-264	6
602	Heart Rate Variability: A Methodological Survey. <b>2019</b> ,	2
601	Secure Stream Processing for Medical Data. <b>2019</b> , 2019, 3450-3453	3
600	Vaping and Cardiovascular Health: the Case for Health Policy Action. <b>2019</b> , 13, 1	2

599	Heart Rate Variability and Cardiorespiratory Fitness in Non-Hispanic Black Versus Non-Hispanic White Adolescents With Type 1 Diabetes. <b>2019</b> , 34, 372-379	2
598	Poor Sleep Quality Associated With High Risk Of Ventricular Tachycardia After Acute Myocardial Infarction. <b>2019</b> , 11, 281-289	2
597	Hypoglossal Nerve Stimulation and Heart Rate Variability: Analysis of STAR Trial Responders. <b>2019</b> , 160, 165-171	13
596	Heart rate variability for treatment response between patients with major depressive disorder versus panic disorder: A 12-week follow-up study. <b>2019</b> , 246, 157-165	16
595	Heart Rate Variability-Based Driver Drowsiness Detection and Its Validation With EEG. <b>2019</b> , 66, 1769-1778	57
594	Analysis of tissue Doppler parameters and 24-hour heart rate variations in children with newly diagnosed untreated idiopathic epilepsy in interictal period. <b>2019</b> , 90, 11-14	3
593	Benchtop Optical Mapping Approaches to Study Arrhythmias. <b>2019</b> , 35-54	
592	Heart Rate and Cardiorespiratory Analysis for Sepsis and Necrotizing Enterocolitis Prediction. <b>2019</b> , 343-362	
591	Fluoxetine oral treatment discloses 5-HT receptor as vagoinhibitor of the cardiac cholinergic neurotransmission in rat. <b>2019</b> , 97, 90-98	4
590	Autonomic nervous system assessment by pupillary response as a potential biomarker for cardiovascular risk: A pilot study. <b>2019</b> , 59, 41-46	8
589	Cardiovascular Autonomic Control Is Altered in Children Born Preterm with Sleep Disordered Breathing. <b>2019</b> , 206, 83-90	2
588	Supraventricular and Ventricular Arrhythmias in Acute Myocardial Infarction. <b>2019</b> , 166-173.e3	
587	Should heart rate variability be "corrected" for heart rate? Biological, quantitative, and interpretive considerations. <b>2019</b> , 56, e13287	77
586	The physiological function of oxytocin in humans and its acute response to human-dog interactions: A review of the literature. <b>2019</b> , 30, 25-32	19
585	Heart rate variability in middle-aged sprint and endurance athletes. <b>2019</b> , 205, 39-43	16
584	A physiological analysis of achievement goal orientations under pressure: An experimental analysis. <b>2020</b> , 8, 227-238	1
583	Arrhythmia detection by extracting hybrid features based on refined Fuzzy entropy (FuzEn) approach and employing machine learning techniques. <b>2020</b> , 30, 656-686	9
582	Heart rate variability: Measurement and emerging use in critical care medicine. <b>2020</b> , 21, 148-157	18

581	CRSIDLab: A Toolbox for Multivariate Autonomic Nervous System Analysis Using Cardiorespiratory Identification. <b>2020</b> , 24, 728-734	0
580	RR-APET - Heart rate variability analysis software. <b>2020</b> , 185, 105127	5
579	Comparison of multiple cardiac signal acquisition technologies for heart rate variability analysis. <b>2020</b> , 34, 743-752	5
578	Cardiovascular rEmodelling in living kidNey donorS with reduced glomerular filtration rate: rationale and design of the CENS study. <b>2020</b> , 29, 123-134	1
577	Heart rate variability (HRV): From brain death to resonance breathing at 6 breaths per minute. <b>2020</b> , 131, 676-693	37
576	Acclimation to a thermoneutral environment abolishes age-associated alterations in heart rate and heart rate variability in conscious, unrestrained mice. <b>2020</b> , 42, 217-232	6
575	The Heart and Circulation. <b>2020</b> ,	7
574	Association Between Hospital Anxiety Depression Scale and Autonomic Recovery Following Exercise. <b>2020</b> , 27, 295-304	
573	Heart Rate Variability and Exceptional Longevity. <b>2020</b> , 11, 566399	8
572	Heart rate fragmentation gives novel insights into non-autonomic mechanisms governing beat-to-beat control of the heart's rhythm. <b>2020</b> , 9, 2048004020948732	3
571	Neuromodulating Influence of Two Electroacupuncture Treatments on Heart Rate Variability, Stress, and Vagal Activity. <b>2020</b> , 26, 928-936	3
570	A narrative review of heart rate and variability in sepsis. <b>2020</b> , 8, 768	6
569	Electrophysiology monitoring. <b>2020</b> , 113-142	
568	Baseline autonomic characteristics. <b>2020</b> , 165-176	
567	Sex and circadian pattern of autonomic status. <b>2020</b> , 191-198	
566	Sex-specific arrhythmia risk of post-MI follow-up. <b>2020</b> , 583-593	
565	Nocturnal heart rate variability in obstructive sleep apnoea: a cross-sectional analysis of the Sleep Heart Health Study. <b>2020</b> , 12, S129-S138	3
564	Long-Term Evaluation of the Vagal Denervation by Cardioneuroablation Using Holter and Heart Rate Variability. <b>2020</b> , 13, e008703	9

563	On the Variability of Heart Rate Variability-Evidence from Prospective Study of Healthy Young College Students. <b>2020</b> , 22,	2
562	Effects of Cigarette Smoking on Cardiac Autonomic Responses: A Cross-Sectional Study. <b>2020</b> , 17,	1
561	Patients with hip fracture and total hip arthroplasty surgery differ in anthropometric, but not cardiovascular screening abnormalities. <b>2020</b> , 20, 507	
560	Physiological Monitoring to Enhance Clinical Hypnosis and Psychotherapy. <b>2020</b> , 68, 466-474	0
559	Heart Rate Variability Triangular Index as a Predictor of Cardiovascular Mortality in Patients With Atrial Fibrillation. <b>2020</b> , 9, e016075	17
558	Herzfrequenzvariabilitäsanalyse in der betriebsärztlichen Praxis. <b>2020</b> , 70, 269-277	4
557	Panel study using novel sensing devices to assess associations of PM with heart rate variability and exposure sources. <b>2020</b> , 30, 937-948	7
556	Heart Rate Variability in Patients with Hypertension: the Effect of Metabolic Syndrome and Antihypertensive Treatment. <b>2020</b> , 2020, 8563135	6
555	Central serous chorioretinopathy and heart rate variability analysis with a smartphone application. <b>2020</b> , 10, 14949	4
554	High-resolution, relational, resonance-based, electroencephalic mirroring (HIRREM) improves symptoms and autonomic function for insomnia: A randomized, placebo-controlled clinical trial. <b>2020</b> , 10, e01826	1
553	Usefulness of heart rhythm complexity in heart failure detection and diagnosis. <b>2020</b> , 10, 14916	6
552	Early changes in ambulatory electrocardiography after transcatheter closure in patients with atrial septal defect and factors affecting heart rate variability. <b>2020</b> , 20, 411	
551	Interpretation of Heart Rate Variability: The Art of Looking Through a Keyhole. <b>2020</b> , 14, 609570	2
550	Cardiac Autonomic Dysfunction and Incidence of Atrial Fibrillation: Heart Rate Variability vs. Heart Rate Complexity. <b>2020</b> , 11, 596844	4
549	Error Estimation of Ultra-Short Heart Rate Variability Parameters: Effect of Missing Data Caused by Motion Artifacts. <b>2020</b> , 20,	5
548	Declining Trends of Heart Rate Variability According to Aging in Healthy Asian Adults. <b>2020</b> , 12, 610626	4
547	Heart Rate Variability and Prognosis in Hemodialysis Patients: A Meta-Analysis. <b>2021</b> , 50, 298-308	1
546	The relationship between red cell distribution width and cardiac autonomic function in heart failure. <b>2020</b> , 36, 1076-1082	1

545	Reduced heart rate variability is associated with vulnerability to depression. <b>2020</b> , 1, 100006		6
544	Cardiac surgery does not lead to loss of oscillatory components in circulatory signals. <b>2020</b> , 8, e14423		1
543	Heart rate variability in the course of chemotherapy and haematopoietic stem cell transplantation for paediatric patients with haematological malignancies. <b>2020</b> , 30, 967-974		
542	Extracting mass concentration time series features for classification of indoor and outdoor atmospheric particulates. <b>2020</b> , 68, 945-963		2
541	Autonomic Control of the Heart and Its Clinical Impact. A Personal Perspective. <b>2020</b> , 11, 582		7
540	Posterior scleral deformation and autonomic dysfunction in normal tension glaucoma. <b>2020</b> , 10, 8203		3
539	Root Mean Square of the Successive Differences as Marker of the Parasympathetic System and Difference in the Outcome after ANS Stimulation. <b>2020</b> ,		3
538	Impact of Heart Rate Fragmentation on the Assessment of Heart Rate Variability. <b>2020</b> , 10, 3314		7
537	Quantifying the Autonomic Response to Stressors-One Way to Expand the Definition of "Stress" in Animals. <b>2020</b> , 60, 113-125		4
536	Further Exploration of Treatment Response in Latinos with Comorbid Asthma and Panic Disorder: A Brief Report of HRV and ETCO <sub>2</sub> as Potential Mediators of Treatment Response. <b>2020</b> , 45, 67-74		2
535	Treatment-Related Changes in Heart Rate Variability in Children with Sleep Apnea. <b>2020</b> , 162, 737-745		5
534	Entropy-Based Measures of Hypnopompic Heart Rate Variability Contribute to the Automatic Prediction of Cardiovascular Events. <b>2020</b> , 22,		9
533	Effect of Beta-Blocker Use on Exercise Heart Rate Gradient and Reclassification of Mortality Risk in Patients Referred for Exercise Testing. <i>American Journal of Cardiology</i> , <b>2020</b> , 130, 152-156	3	0
532	Predictive values of heart rate variability, deceleration and acceleration capacity of heart rate in post-infarction patients with LVEF $\leq$ 35. <b>2020</b> , 25, e12771		4
531	Does empagliflozin modulate the autonomic nervous system among individuals with type 2 diabetes and coronary artery disease? The EMPA-HEART CardioLink-6 Holter analysis. <b>2020</b> , 7, 100039		9
530	Snacking on Whole Almonds for Six Weeks Increases Heart Rate Variability during Mental Stress in Healthy Adults: A Randomized Controlled Trial. <b>2020</b> , 12,		3
529	Sleep Apnea, Hypertension and the Sympathetic Nervous System in the Adult Population. <b>2020</b> , 9,		17
528	Autonomic dysfunction in cardiac amyloidosis assessed by heart rate variability and heart rate turbulence. <b>2020</b> , 25, e12749		6

527	Intracerebroventricular infusion of donepezil prevents cardiac remodeling and improves the prognosis of chronic heart failure rats. <b>2020</b> , 70, 11	4
526	Heart rate variability as an independent predictor for 8-year mortality among chronic hemodialysis patients. <b>2020</b> , 10, 881	13
525	Alterations in heart rate variability are associated with abnormal myocardial perfusion. <b>2020</b> , 305, 99-105	3
524	Associations Between Child Maltreatment, Autonomic Regulation, and Adverse Cardiovascular Outcome in an Urban Population: The HELIUS Study. <b>2020</b> , 11, 69	9
523	The effect of green walking on heart rate variability: A pilot crossover study. <b>2020</b> , 185, 109408	9
522	Increased Sympathetic Cardiac Autonomic Modulation after Two Consecutive Tilt Tests in Women with Polycystic Ovary Syndrome. <b>2020</b> , 42, 81-89	1
521	A Joint Evaluation of Impaired Cardiac Sympathetic Responses and Malnutrition-Inflammation Cachexia for Mortality Risks in Hemodialysis Patients. <b>2020</b> , 7, 99	4
520	Application of a convolutional neural network for predicting the occurrence of ventricular tachyarrhythmia using heart rate variability features. <b>2020</b> , 10, 6769	7
519	Improving the quality of case-based research in the philosophy of contemporary sciences. <b>2020</b> , 198, 9591	
518	Autonomic modulation networks in schizophrenia: The relationship between heart rate variability and functional and structural connectivity in the brain. <b>2020</b> , 300, 111079	1
517	Exercise-based cardiac rehabilitation and parasympathetic function in patients with coronary artery disease: a systematic review and meta-analysis. <b>2021</b> , 31, 187-203	6
516	Sudden Cardiac Arrest (SCA) Prediction Using ECG Morphological Features. <b>2021</b> , 46, 947-961	6
515	Altered heart rate variability during sleep in mild cognitive impairment. <b>2021</b> , 44,	3
514	Cardiovascular Risk Factors and Heart Rate Variability: Impact of the Level of the Threshold-Based Artefact Correction Used to Process the Heart Rate Variability Signal. <b>2020</b> , 45, 2	4
513	Identification of Latent Risk Clinical Attributes for Children Born Under IUGR Condition Using Machine Learning Techniques. <b>2021</b> , 200, 105842	2
512	Motivational orientation mediates the association between depression and cardiovascular reactivity to acute psychological stress. <b>2021</b> , 58, e13732	2
511	Redundancy among risk predictors derived from heart rate variability and dynamics: ALLSTAR big data analysis. <b>2021</b> , 26, e12790	8
510	Masked hypertension is related to alteration of myocardial arrhythmia Parameters. <b>2021</b> , 43, 81-84	2

509	Measurement and analysis of heart rate variability. <b>2021</b> , 145-173	
508	Systems Pharmacology: Enabling Multidimensional Therapeutics. <b>2021</b> ,	
507	Emergency Medicine Residents Experience Acute Stress While Working in the Emergency Department. <b>2020</b> , 22, 94-100	2
506	Validity of the Polar H7 Heart Rate Sensor for Heart Rate Variability Analysis during Exercise in Different Age, Body Composition and Fitness Level Groups. <b>2021</b> , 21,	10
505	Multiscale adaptive multifractal analysis and its applications. <b>2021</b> , 31, 023115	1
504	Cardiac autonomic dysfunction is associated with hypothalamic damage in patients with childhood-onset craniopharyngioma. <b>2021</b> , 16, e0246789	
503	SDNN24 Estimation from Semi-Continuous HR Measures. <b>2021</b> , 21,	1
502	Heart Rate Variability as a Potential Non-invasive Marker of Blood Glucose Level. <b>2021</b> , 47, 209-218	
501	Napping on the night shift and its impact on blood pressure and heart rate variability among emergency medical services workers: study protocol for a randomized crossover trial. <b>2021</b> , 22, 212	2
500	High Job Burnout Predicts Low Heart Rate Variability in the Working Population after a First Episode of Acute Coronary Syndrome. <b>2021</b> , 18,	1
499	Optimal Length of Heart Rate Variability Data and Forecasting Time for Ventricular Fibrillation Prediction Using Machine Learning. <b>2021</b> , 2021, 1-5	4
498	Vagal Reactions During Laser Balloon Ablation in Patients with Paroxysmal Atrial Fibrillation. <b>2021</b> , 62, 298-304	
497	Night-time heart rate variability identifies high-risk people among people with uncomplicated type 2 diabetes mellitus. <b>2021</b> , 38, e14559	0
496	The influence of melatonin on the heart rhythm - An in vitro simulation with murine embryonic stem cell derived cardiomyocytes. <b>2021</b> , 136, 111245	2
495	Wearable Ag-NyW textile electrode for continuous ECG monitoring. <b>2021</b> , 37, 231-247	1
494	Effects of Different Training Interventions on Heart Rate Variability and Cardiovascular Health and Risk Factors in Young and Middle-Aged Adults: A Systematic Review. <b>2021</b> , 12, 657274	14
493	Mobile Heart Rate Variability Biofeedback as a Complementary Intervention After Myocardial Infarction: a Randomized Controlled Study. <b>2021</b> , 1	1
492	The influence of cardiac rehabilitation on heart rate variability indices in men with type 2 diabetes and coronary artery disease. <b>2021</b> , 18, 14791641211020184	

491	Autoencoder-Based Extrasystole Detection and Modification of RRI Data for Precise Heart Rate Variability Analysis. <b>2021</b> , 21,	1
490	Cardiac Parasympathetic Withdrawal and Sympathetic Activity: Effect of Heat Exposure on Heart Rate Variability. <b>2021</b> , 18,	2
489	Study of cuffless blood pressure estimation method based on multiple physiological parameters. <b>2021</b> , 42,	2
488	Current Insights in the Age-related Decline in Sports Performance of the Older Athlete. <b>2021</b> , 42, 879-888	1
487	Influence of a 100-mile ultramarathon on heart rate and heart rate variability. <b>2021</b> , 7, e001005	0
486	Randomized Sham-Controlled Pilot Study of Neurocardiac Function in Patients With Acute Ischaemic Stroke Undergoing Heart Rate Variability Biofeedback. <b>2021</b> , 12, 669843	0
485	Heart rate variability in late pregnancy: exploration of distinctive patterns in relation to maternal mental health. <b>2021</b> , 11, 286	4
484	An IoT-Based Diet Monitoring Healthcare System for Women. <b>2022</b> , 167-202	3
483	Comparing Ictal Cardiac Autonomic Changes in Patients with Frontal Lobe Epilepsy and Temporal Lobe Epilepsy by Ultra-Short-Term Heart Rate Variability Analysis. <b>2021</b> , 57,	1
482	Premature cardiac beats in children with structurally normal heart: autonomic dysregulation. <b>2021</b> , 63, 1433-1440	
481	PULSE RATE ANALYSIS ON PROLONGED VASOVAGAL REACTION IN AN APHERESIS DONOR. <b>2021</b> , 67, 449-454	
480	SGLT2 inhibitors and the autonomic nervous system in diabetes: A promising challenge to better understand multiple target improvement. <b>2021</b> , 47, 101224	7
479	The Different Facets of Heart Rate Variability in Obstructive Sleep Apnea. <b>2021</b> , 12, 642333	5
478	Autonomic dysfunction and heart rate variability with Holter monitoring: a diagnostic look at autonomic regulation. <b>2021</b> , 32, 315-319	2
477	Comparison of frequency domain measures based on spectral decomposition for spontaneous baroreflex sensitivity assessment after Acute Myocardial Infarction. <b>2021</b> , 68, 102680	0
476	The autonomic cardiac nervous system and arrhythmogenesis: risk stratification in the foreseeable future. <b>2021</b> , 32, 320-322	
475	Prognostic value of heart rate variability in patients with coronary artery disease in the current treatment era. <b>2021</b> , 16, e0254107	4
474	Effects of Different Exercise Interventions on Cardiac Autonomic Control and Secondary Health Factors in Middle-Aged Adults: A Systematic Review. <b>2021</b> , 8,	1



473	Distribution of equal states for amplitude fluctuations in epileptic EEG. <b>2021</b> , 69, 102738	0
472	Associations of Sedentary Time with Heart Rate and Heart Rate Variability in Adults: A Systematic Review and Meta-Analysis of Observational Studies. <b>2021</b> , 18,	2
471	Association of Particulate Matter from Cooking Oil Fumes with Heart Rate Variability and Oxidative Stress. <b>2021</b> , 10,	2
470	Effect of Exercise, Escitalopram, or Placebo on Anxiety in Patients With Coronary Heart Disease: The Understanding the Benefits of Exercise and Escitalopram in Anxious Patients With Coronary Heart Disease (UNWIND) Randomized Clinical Trial. <b>2021</b> , 78, 1270-1278	2
469	Predicting efficacy of combined assessment with fragmented QRS and severely depressed heart rate variability on outcome of patients with acute myocardial infarction. <b>2021</b> , 1	0
468	Effects of exercise training on heart rate variability in children and adolescents with pulmonary arterial hypertension: a pilot study. <b>2021</b> , 11, 1028-1036	1
467	Effect of Heart Rate Variabilities on Outcome After Acute Intracerebral Hemorrhage: A Post Hoc Analysis of ATACH-2. <b>2021</b> , 10, e020364	1
466	Cardiac Arrhythmias and Impaired Heart Rate Variability in Older Patients With Ventricular Septal Defects. <b>2021</b> , 10, e020672	
465	Association between cardiac autonomic function and physical activity in patients at high risk of sudden cardiac death: a cohort study. <b>2021</b> , 18, 128	
464	Enhanced detection of abnormalities in heart rate variability and dynamics by 7-day continuous ECG monitoring. <b>2021</b> , e12897	1
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