

Heart rate variability and first cardiovascular event in patients with pre-existing cardiovascular disease: meta-analysis and dose-response analysis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lack of circadian variation and reduction of heart rate variability in women with breast cancer undergoing lumpectomy: a descriptive study. <i>Breast Cancer Research and Treatment</i> , 2013, 140, 317-322.	1.1	13
2	Association of cardiovascular risk using non-linear heart rate variability measures with the framingham risk score in a rural population. <i>Frontiers in Physiology</i> , 2013, 4, 186.	1.3	31
3	Major depressive disorder with melancholia displays robust alterations in resting state heart rate and its variability: implications for future morbidity and mortality. <i>Frontiers in Psychology</i> , 2014, 5, 1387.	1.1	67
4	Impaired Signaling Intrinsic to Sinoatrial Node Pacemaker Cells Affects Heart Rate Variability during Cardiac Disease. <i>Journal of Clinical Trials</i> , 2014, 04, .	0.1	13
5	Shorter telomeres with high telomerase activity are associated with raised allostatic load and impoverished psychosocial resources. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4519-4524.	3.3	151
6	Relax, It's Just Laparoscopy! A Prospective Randomized Trial on Heart Rate Variability of the Surgeon in Robot-Assisted versus Conventional Laparoscopic Cholecystectomy. <i>Digestive Surgery</i> , 2014, 31, 225-232.	0.6	53
7	Body fat, especially visceral fat, is associated with electrocardiographic measures of sympathetic activation. <i>Obesity</i> , 2014, 22, 1553-1559.	1.5	28
8	Different nutritional states and autonomic imbalance in childhood. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 1271-1273.	1.3	12
9	Cardiac reactivity to and recovery from acute stress: Temporal associations with implicit anxiety. <i>International Journal of Psychophysiology</i> , 2014, 92, 85-91.	0.5	27
10	Heart Rate Variability. , 2014, , .		56
11	Augmented vagal heart rate modulation in active hypoestrogenic pre-menopausal women with functional hypothalamic amenorrhoea. <i>Clinical Science</i> , 2015, 129, 885-893.	1.8	5
12	Analysis of short-term heart rate and diastolic period variability using a refined fuzzy entropy method. <i>BioMedical Engineering OnLine</i> , 2015, 14, 64.	1.3	21
13	Investigating the Associations of Self-Rated Health: Heart Rate Variability Is More Strongly Associated than Inflammatory and Other Frequently Used Biomarkers in a Cross Sectional Occupational Sample. <i>PLoS ONE</i> , 2015, 10, e0117196.	1.1	99
14	Automatic Prediction of Cardiovascular and Cerebrovascular Events Using Heart Rate Variability Analysis. <i>PLoS ONE</i> , 2015, 10, e0118504.	1.1	141
15	Size-fractioned ultrafine particles and black carbon associated with autonomic dysfunction in subjects with diabetes or impaired glucose tolerance in Shanghai, China. <i>Particle and Fibre Toxicology</i> , 2015, 12, 8.	2.8	42
16	Characterising acute coronary syndrome-associated depression: Let the data speak. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 19-28.	2.0	12
17	Long-term eco-medical monitoring using the Heart Wizard Mars-500 system in North America. <i>Human Physiology</i> , 2015, 41, 802-807.	0.1	1
18	Organizational Justice Is Related to Heart Rate Variability in White-Collar Workers, but Not in Blue-Collar Workers—Findings from a Cross-Sectional Study. <i>Annals of Behavioral Medicine</i> , 2015, 49, 434-448.	1.7	13

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19	Potential force dynamics of heart rate variability reflect cardiac autonomic modulation with respect to posture, age, and breathing pattern. <i>Computers in Biology and Medicine</i> , 2015, 64, 197-207.	3.9	13
20	Changes in body weight and pulse: outcome events in overweight and obese subjects with cardiovascular disease in the SCOUT trial. <i>International Journal of Obesity</i> , 2015, 39, 849-857.	1.6	7
21	Acute coronary syndrome and depression: A review of shared pathophysiological pathways. <i>Australian and New Zealand Journal of Psychiatry</i> , 2015, 49, 994-1005.	1.3	13
22	The role of insulin resistance in the association between body fat and autonomic function. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 93-99.	1.1	29
23	Postnatal Cardiac Autonomic Nervous Control in Pediatric Congenital Heart Disease. <i>Journal of Cardiovascular Development and Disease</i> , 2016, 3, 16.	0.8	8
24	Ambulatory Blood Pressure Monitoring in Individuals with HIV: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0148920.	1.1	25
25	Sleep related bradyarrhythmic events and heart rate variability in apparently healthy individuals. <i>Anatolian Journal of Cardiology</i> , 2016, 17, 235-240.	0.5	1
26	Autonomic nervous system dysfunction in psychiatric disorders and the impact of psychotropic medications: a systematic review and meta-analysis. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 89-104.	1.4	321
27	Physiological concomitants of perseverative cognition: A systematic review and meta-analysis. <i>Psychological Bulletin</i> , 2016, 142, 231-259.	5.5	324
28	Insomnie chronique et biofeedback par coh�rence cardiaque. <i>M�decine Du Sommeil</i> , 2016, 13, 157-165.	0.3	2
29	Prolonged Non-metabolic Heart Rate Variability Reduction as a Physiological Marker of Psychological Stress in Daily Life. <i>Annals of Behavioral Medicine</i> , 2016, 50, 704-714.	1.7	47
30	Heart Rate Variability, Affective Disorders and Health. , 2016, , 167-185.		1
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33	Prognostic relevance of the interaction between short-term, metronome-paced heart rate variability, and inflammation: results from the population-based CARLA cohort study. <i>Europace</i> , 2017, 19, euv333.	0.7	6
34	Aging, heart rate variability and patterns of autonomic regulation of the heart. <i>Archives of Gerontology and Geriatrics</i> , 2016, 63, 1-8.	1.4	135
35	Increased Cardiac Sympathetic Activity and Oxidative Stress in Habitual Electronic Cigarette Users. <i>JAMA Cardiology</i> , 2017, 2, 278.	3.0	202
36	Cardiac Autonomic Dysfunction and Incidence of Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2017, 69, 291-299.	1.2	114

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37	Development of Atrial Flutter After Initiation of Clozapine and Successful Rechallenge Without Recurrence. <i>Journal of Clinical Psychopharmacology</i> , 2017, 37, 475-477.	0.7	3
38	Impact of Narrative Expressive Writing on Heart Rate, Heart Rate Variability, and Blood Pressure After Marital Separation. <i>Psychosomatic Medicine</i> , 2017, 79, 697-705.	1.3	18
39	Cynicism as subscale of burnout. <i>Work</i> , 2017, 56, 499-503.	0.6	16
40	Association between anxiety and metabolic syndrome: A systematic review and meta-analysis of epidemiological studies. <i>Psychoneuroendocrinology</i> , 2017, 77, 112-121.	1.3	75
41	Surgical Treatment of OSA on Cardiovascular Outcomes. <i>Chest</i> , 2017, 152, 1214-1229.	0.4	36
42	Sympathomimetic Effects of Acute Cigarette Use: Role of Nicotine and Non-Nicotine Constituents. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	90
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47	A system for personalized health care with ECG and EEG signals for analysis. , 2017, , .		2
49	Editorial: Mechanisms Underpinning the Link between Emotion, Physical Health, and Longevity. <i>Frontiers in Psychology</i> , 2017, 8, 1338.	1.1	5
50	Heart-Rate Variability "More than Heart Beats?. <i>Frontiers in Public Health</i> , 2017, 5, 240.	1.3	257
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52	Smart Device for the Determination of Heart Rate Variability in Real Time. <i>Journal of Sensors</i> , 2017, 1-11.	0.6	7
53	Cardiovascular health effects following exposure of human volunteers during fire extinction exercises. <i>Environmental Health</i> , 2017, 16, 96.	1.7	17
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55	Cardiovascular autonomic dysfunction in insomnia patients with objective short sleep duration. <i>Journal of Sleep Research</i> , 2018, 27, e12663.	1.7	65
56	Effectiveness of a smartphone-based worry-reduction training for stress reduction: A randomized-controlled trial. <i>Psychology and Health</i> , 2018, 33, 1079-1099.	1.2	16

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58	Acute effects of sauna bathing on cardiovascular function. <i>Journal of Human Hypertension</i> , 2018, 32, 129-138.	1.0	58
59	Reference values for short-term resting-state heart rate variability in healthy adults: Results from the Brazilian Longitudinal Study of Adult Health "ELSA-Brasil" study. <i>Psychophysiology</i> , 2018, 55, e13052.	1.2	47
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61	Cardiac autonomic modulation impairments in advanced breast cancer patients. <i>Clinical Research in Cardiology</i> , 2018, 107, 924-936.	1.5	25
62	Heart-rate variability: a biomarker to study the influence of nutrition on physiological and psychological health?. <i>Behavioural Pharmacology</i> , 2018, 29, 140-151.	0.8	140
63	Unfair Pay and Health. <i>Management Science</i> , 2018, 64, 1477-1488.	2.4	42
64	Acute effects of water immersion on heart rate variability in participants with heart disease. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 233-239.	0.5	2
65	New methods to optimally detect episodes of non-metabolic heart rate variability reduction as an indicator of psychological stress in everyday life. <i>International Journal of Psychophysiology</i> , 2018, 131, 30-36.	0.5	22
66	The effect of head-up tilt upon markers of heart rate variability in patients with atrial fibrillation. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, e12511.	0.5	5
67	Associations between symptoms of depression and heart rate variability: An exploratory study. <i>Psychiatry Research</i> , 2018, 262, 482-487.	1.7	21
68	Cardioprotection of dapagliflozin and vildagliptin in rats with cardiac ischemia-reperfusion injury. <i>Journal of Endocrinology</i> , 2018, 236, 69-84.	1.2	91
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74	Posttraumatic stress disorder diagnosis is associated with reduced parasympathetic activity during sleep in US veterans and military service members of the Iraq and Afghanistan wars. <i>Sleep</i> , 2018, 41, .	0.6	33

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75	A Universal Scaling Relation for Defining Power Spectral Bands in Mammalian Heart Rate Variability Analysis. <i>Frontiers in Physiology</i> , 2018, 9, 1001.	1.3	20
76	Linear and Nonlinear Analyses of the Cardiac Autonomic Control in Children With Developmental Coordination Disorder: A Case-Control Study. <i>Frontiers in Physiology</i> , 2018, 9, 267.	1.3	4
77	Periodicity: A Characteristic of Heart Rate Variability Modified by the Type of Mechanical Ventilation After Acute Lung Injury. <i>Frontiers in Physiology</i> , 2018, 9, 772.	1.3	0
78	Time- and frequency-domain measures of heart rate variability predict cardiovascular outcome in patients with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018, 143, 159-169.	1.1	31
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80	Exercise benefits in cardiovascular disease: beyond attenuation of traditional risk factors. <i>Nature Reviews Cardiology</i> , 2018, 15, 731-743.	6.1	449
81	Longitudinal associations of burnout with heart rate variability in patients following acute coronary syndrome: A one-year follow-up study. <i>General Hospital Psychiatry</i> , 2018, 53, 59-64.	1.2	8
82	A Novel Approach to Mortality Prediction of ICU Cardiovascular Patient Based on Fuzzy Logic Method. <i>Biomedical Signal Processing and Control</i> , 2018, 45, 160-173.	3.5	20
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84	Impact of endogenous and exogenous progesterone exposure on stress biomarkers: a systematic review. <i>Climacteric</i> , 2019, 22, 435-441.	1.1	10
85	Heart rate variability in pulmonary hypertension with and without sleep apnea. <i>Heliyon</i> , 2019, 5, e02034.	1.4	2
86	Age-related reductions in heart rate variability do not worsen during exposure to humid compared to dry heat: A secondary analysis. <i>Temperature</i> , 2019, 6, 341-345.	1.7	10
87	Relevância diagnóstica dos Gráficos de Recorrência na caracterização de Saúde, Doença ou Morte, em humanos. <i>Journal of Human Growth and Development</i> , 2019, 29, 39-47.	0.2	7
88	Association of Social Jetlag With Sleep Quality and Autonomic Cardiac Control During Sleep in Young Healthy Men. <i>Frontiers in Neuroscience</i> , 2019, 13, 950.	1.4	37
89	The cardiovascular effects of electronic cigarettes: A systematic review of experimental studies. <i>Preventive Medicine</i> , 2019, 127, 105770.	1.6	66
90	Autonomic nervous system response to remote ischemic conditioning: heart rate variability assessment. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 211.	0.7	12
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94	Heart rate variability related to season of birth: A replication study. <i>Psychophysiology</i> , 2019, 56, e13419.	1.2	4
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97	A novel multi-class approach for early-stage prediction of sudden cardiac death. <i>Biocybernetics and Biomedical Engineering</i> , 2019, 39, 586-598.	3.3	24
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99	Effect of an eight-week smartphone-guided HRV-biofeedback intervention on autonomic function and impulsivity in healthy controls. <i>Physiological Measurement</i> , 2019, 40, 064001.	1.2	20
100	Novel gridded descriptors of poincaré plot for analyzing heartbeat interval time-series. <i>Computers in Biology and Medicine</i> , 2019, 109, 280-289.	3.9	25
101	The social brain and heart rate variability: Implications for psychotherapy. <i>Psychology and Psychotherapy: Theory, Research and Practice</i> , 2019, 92, 208-223.	1.3	75
102	Low levels of dehydroepiandrosterone sulfate are associated with the risk of developing cardiac autonomic dysfunction in elderly subjects. <i>Archives of Endocrinology and Metabolism</i> , 2019, 63, 62-69.	0.3	2
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104	The Synergistic Effects of Organizational Justice and Trust to Supervisor on Vagal Tone: Preliminary Findings of an Empirical Investigation. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 790.	1.2	4
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108	Heart Rate Variability for Risk Assessment of Myocardial Ischemia in Patients Without Known Coronary Artery Disease: The HRV-DETECT (Heart Rate Variability for the Detection of Myocardial) Tj ETQq1 1 0.784314 rgB4/Overlo		
109	Vaping and Cardiovascular Health: the Case for Health Policy Action. <i>Current Cardiovascular Risk Reports</i> , 2019, 13, 1.	0.8	3
110	Long-term parameters of heart rate variability in patients with insulin-resistance. <i>Journal of Cardiovascular Medicine</i> , 2019, 20, 792-793.	0.6	3

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111	Should heart rate variability be "corrected" for heart rate? Biological, quantitative, and interpretive considerations. <i>Psychophysiology</i> , 2019, 56, e13287.	1.2	138
112	Effects of Sahaj Samadhi meditation on heart rate variability and depressive symptoms in patients with late-life depression "RETRACTED". <i>British Journal of Psychiatry</i> , 2019, 214, 218-224.	1.7	20
113	Diurnal cardiac sympathetic hyperactivity after exposure to acute particulate matter 2.5 air pollution. <i>Journal of Electrocardiology</i> , 2019, 52, 112-116.	0.4	14
115	Feasibility and effectiveness of a worry-reduction training using the smartphone: a pilot randomised controlled trial. <i>British Journal of Guidance and Counselling</i> , 2020, 48, 227-239.	0.6	4
116	Resting high-frequency heart rate variability moderates the association between early-life adversity and body adiposity. <i>Journal of Health Psychology</i> , 2020, 25, 953-963.	1.3	3
117	Heart Rate Variability as a Biomarker of Neurocardiogenic Injury After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2020, 32, 162-171.	1.2	21
118	Cardiovascular impact of electronic-cigarette use. <i>Trends in Cardiovascular Medicine</i> , 2020, 30, 133-140.	2.3	36
119	Advanced polysomnographic analysis for OSA: A pathway to personalized management?. <i>Respirology</i> , 2020, 25, 251-258.	1.3	14
120	Novel Invasive and Noninvasive Cardiac-Specific Biomarkers in Obesity and Cardiovascular Diseases. <i>Metabolic Syndrome and Related Disorders</i> , 2020, 18, 10-30.	0.5	50
121	The short-term association between exposure to noise and heart rate variability in daily locations and mobility contexts. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 383-393.	1.8	17
122	Effectiveness of an 8-Week Aerobic Exercise Program on Autonomic Function in People Living with HIV Taking Anti-Retroviral Therapy: A Pilot Randomized Controlled Trial. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 283-290.	0.5	3
123	Symptom severity impacts sympathetic dysregulation and inflammation in post-traumatic stress disorder (PTSD). <i>Brain, Behavior, and Immunity</i> , 2020, 83, 260-269.	2.0	64
124	Delirium in patients with hip fracture is associated with increased heart rate variability. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 2311-2318.	1.4	8
125	The relationship of trauma exposure to heart rate variability during wake and sleep in midlife women. <i>Psychophysiology</i> , 2020, 57, e13514.	1.2	11
126	Fluid Loss during Exercise-Heat Stress Reduces Cardiac Vagal Autonomic Modulation. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 362-369.	0.2	13
127	Transportation noise impairs cardiovascular function without altering sleep: The importance of autonomic arousals. <i>Environmental Research</i> , 2020, 182, 109086.	3.7	24
128	Autonomic dysfunction in posttraumatic stress disorder indexed by heart rate variability: a meta-analysis. <i>Psychological Medicine</i> , 2020, 50, 1937-1948.	2.7	105
129	Heart rate variability in older workers during work under the Threshold Limit Values for heat exposure. <i>American Journal of Industrial Medicine</i> , 2020, 63, 787-795.	1.0	8

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132	Artifact Correction in Short-Term HRV during Strenuous Physical Exercise. <i>Sensors</i> , 2020, 20, 6372.	2.1	10
133	<p>A Review of Current Tools Used for Evaluating the Severity of Obstructive Sleep Apnea</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 1023-1031.	1.4	18
134	Heart rate variability with photoplethysmography in 8 million individuals: a cross-sectional study. <i>The Lancet Digital Health</i> , 2020, 2, e650-e657.	5.9	94
135	Assessing New Methods to Optimally Detect Episodes of Non-metabolic Heart Rate Variability Reduction as an Indicator of Psychological Stress in Everyday Life: A Thorough Evaluation of Six Methods. <i>Frontiers in Neuroscience</i> , 2020, 14, 564123.	1.4	11
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137	Does Cardiorespiratory Fitness Buffer Stress Reactivity and Stress Recovery in Police Officers? A Real-Life Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 594.	1.3	24
138	Sex differences in the association between PTSD symptoms with cardiac autonomic function and subclinical atherosclerotic risk. <i>Clinical Physiology and Functional Imaging</i> , 2020, 40, 390-398.	0.5	4
139	Predicting Hypertensive Patients With Higher Risk of Developing Vascular Events Using Heart Rate Variability and Machine Learning. <i>IEEE Access</i> , 2020, 8, 192727-192739.	2.6	25
140	Higher efficiency of control over functional status of locomotive crew members. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 985, 012041.	0.3	0
141	Occupational health profile of Canadian Maritimes truck drivers. <i>Work</i> , 2020, 67, 251-257.	0.6	5
142	Insulin resistance and reduced cardiac autonomic function in older adults: the Atherosclerosis Risk in Communities study. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 217.	0.7	18
143	Physiological responses during paramedicsâ€™ simulated driving tasks. <i>Work</i> , 2020, 66, 445-460.	0.6	3
144	Acute and chronic sympathomimetic effects of e-cigarette and tobacco cigarette smoking: role of nicotine and non-nicotine constituents. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H262-H270.	1.5	18
145	Brain-body interactions underlying the association of loneliness with mental and physical health. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 283-300.	2.9	56
146	Exploration of the health status of experienced New Brunswick paramedics. <i>Work</i> , 2020, 66, 1-13.	0.6	3
147	Snacking on Whole Almonds for Six Weeks Increases Heart Rate Variability during Mental Stress in Healthy Adults: A Randomized Controlled Trial. <i>Nutrients</i> , 2020, 12, 1828.	1.7	7

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149	Non-contact and real-time measurement of heart rate and heart rate variability using microwave reflectometry. <i>Review of Scientific Instruments</i> , 2020, 91, 014704.	0.6	3
150	Toward a social psychophysiology of vagally mediated heart rate variability: Concepts and methods in self-regulation, emotion, and interpersonal processes. <i>Social and Personality Psychology Compass</i> , 2020, 14, e12516.	2.0	42
151	Exposure to acrylamide and reduced heart rate variability: The mediating role of transforming growth factor- β . <i>Journal of Hazardous Materials</i> , 2020, 395, 122677.	6.5	24
152	Altered heart rate variability in angiotensin II-mediated hypertension is associated with impaired autonomic nervous system signaling and intrinsic sinoatrial node dysfunction. <i>Heart Rhythm</i> , 2020, 17, 1360-1370.	0.3	20
153	Relationship of non-melancholic and melancholic depressive symptoms with all-cause mortality: A prospective study in a primary care population. <i>Journal of Psychosomatic Research</i> , 2020, 133, 110107.	1.2	7
154	Der Einfluss von kognitiver Verhaltenstherapie auf biologische Risikofaktoren kardiovaskulärer Erkrankungen bei der Major Depression: Eine systematische Übersichtsarbeit. <i>Verhaltenstherapie</i> , 2020, 30, 44-56.	0.3	1
155	Heart Rate Variability in Children With Autism Spectrum Disorder and Associations With Medication and Symptom Severity. <i>Autism Research</i> , 2021, 14, 75-85.	2.1	17
156	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. <i>Journal of Medical Systems</i> , 2021, 45, 2.	2.2	16
157	Heart rate variability during wakefulness as a marker of obstructive sleep apnea severity. <i>Sleep</i> , 2021, 44, .	0.6	34
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