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|-----|--|----|-----------|
| 232 | Exercise improves the dilatation function of mesenteric arteries in postmyocardial infarction rats via a PI3K/Akt/eNOS pathway-mediated mechanism. <b>2010</b> , 299, H2097-106                      |    | 40        |
| 231 | Exercise is an effective treatment modality for reducing cancer-related fatigue and improving physical capacity in cancer patients and survivors: a meta-analysis. <b>2011</b> , 36, 892-903         |    | 82        |
| 230 | Determinants for heart rate variability in a normal Korean population. <b>2011</b> , 26, 1293-8  |    | 43        |
| 229 | Effects on blood pressure and autonomic nervous system function of a 12-week exercise or exercise plus DASH-diet intervention in individuals with elevated blood pressure. <b>2011</b> , 203, 343-50 |    | 33        |
| 228 | Behavioral and cardiac responses to emotional stroop in adults with autism spectrum disorders: influence of medication. <b>2011</b> , 4, 98-108  |    | 23        |
| 227 | Impact of aerobic exercise training on heart rate variability and functional capacity in obese women after gastric bypass surgery. <b>2011</b> , 21, 1739-49   |    | 74        |
| 226 | Exercise effects on HRV in cancer patients. <b>2013</b> , 34, 68-73  |    | 27        |
| 225 | Improvement of heart rate variability by eurythmy therapy after a 6-week eurythmy therapy training. <b>2012</b> , 11, 111-9  |    | 11        |
| 224 | Dose-response effects of exercise training on the subjective sleep quality of postmenopausal women: exploratory analyses of a randomised controlled trial. <i>BMJ Open</i> , <b>2012</b> , 2,        | 3  | 60        |
| 223 | Exercise effects on sleep physiology. <b>2012</b> , 3, 48  |    | 93        |
| 222 | Heart rate variability assessment of the effect of physical training on autonomic cardiac control. <b>2012</b> , 17, 219-29  |    | 31        |
| 221 | Effect of exercise on cardiac autonomic function in females with rheumatoid arthritis. <b>2012</b> , 31, 1155-6  | 52 | 24        |
| 220 | Increased resting heart rate and greater progression of subclinical coronary atherosclerosis: another bad fact about fast hearts? Commentary on the study of Rubin et al. <b>2012</b> , 220, 36-7    |    |           |
| 219 | Exercise and sleep - Review and future directions. <b>2012</b> , 1, 317-324  |    | 6         |
| 218 | Caffeine Enhances Heart Rate Variability in Middle-Aged Healthy, But Not Heart Failure Subjects. <b>2012</b> , 2, 77-82  |    | 19        |
| 217 | Using exercise training to counterbalance chronotropic incompetence and delayed heart rate recovery in systemic lupus erythematosus: a randomized trial. <b>2012</b> , 64, 1159-66                   |    | 26        |
| 216 | Dissociation of heart rate variability and heart rate recovery in well-trained athletes. <b>2012</b> , 112, 2757-6   | 6  | 15        |

## (2014-2012)

| 215 | Exercise training improves heart rate variability in older patients with heart failure: a randomized, controlled, single-blinded trial. <b>2012</b> , 18, 192-7               | 32  |
|-----|---|-----|
| 214 | Stressed brain, diseased heart: a review on the pathophysiologic mechanisms of neurocardiology. <b>2013</b> , 166, 30-7   | 69  |
| 213 | Metabolic Syndrome. <b>2013</b> ,   | 24  |
| 212 | Long-chain, n-3 fatty acids and physical activityindependent and interactive associations with cardiac autonomic control. <b>2013</b> , 167, 2102-7                           | 7   |
| 211 | Exercise and the autonomic nervous system. <b>2013</b> , 117, 147-60  | 74  |
| 210 | Linear and non-linear analysis of heart rate variability in master athletes and healthy middle-aged non-athletes. <b>2013</b> , 35, 1676-81                                   | 15  |
| 209 | Exercise is the real polypill. <b>2013</b> , 28, 330-58   | 323 |
| 208 | The effects of exposure to environmental factors on Heart Rate Variability: an ecological perspective. <b>2013</b> , 183, 7-13  | 25  |
| 207 | A randomized controlled trial of exercise training on cardiovascular and autonomic function among renal transplant recipients. <b>2013</b> , 28, 1294-305                     | 44  |
| 206 | Autonomic modulation of heart rate in paraplegic wheelchair basketball players: Linear and nonlinear analysis. <b>2013</b> , 31, 396-404                                      | 10  |
| 205 | Cardiac rehabilitation outcomes following a 6-week program of PCI and CABG Patients. 2013, 4, 302   | 22  |
| 204 | Do physiological and pathological stresses produce different changes in heart rate variability?. <b>2013</b> , 4, 197   | 11  |
| 203 | High-intensity interval exercise improves vagal tone and decreases arrhythmias in chronic heart failure. <b>2013</b> , 45, 1861-7   | 39  |
| 202 | The contribution of preintervention blood pressure, VO2max, BMI, autonomic function and gender to exercise-induced changes in heart rate variability. <b>2013</b> , 47, 575-8 | 4   |
| 201 | Strengthening exercises improve symptoms and quality of life but do not change autonomic modulation in fibromyalgia: a randomized clinical trial. <b>2014</b> , 9, e90767     | 51  |
| 200 | Concurrent relations among cigarette smoking status, resting heart rate variability, and erectile response. <b>2014</b> , 11, 1230-9  | 7   |
| 199 | Vagus nerve stimulation: a new bioelectronics approach to treat rheumatoid arthritis?. <b>2014</b> , 28, 625-35   | 65  |
| 198 | Effects of exercise training on heart rate variability in Chagas heart disease. <b>2014</b> , 103, 201-8  | 6   |

| 197 | Low-level laser therapy associated with high intensity resistance training on cardiac autonomic control of heart rate and skeletal muscle remodeling in wistar rats. <b>2014</b> , 46, 796-803                                  | 12  |
|-----|---|-----|
| 196 | A brief review and clinical application of heart rate variability biofeedback in sports, exercise, and rehabilitation medicine. <b>2014</b> , 42, 88-99   | 56  |
| 195 | The impact of aerobic exercise on blood pressure variability. <b>2014</b> , 28, 367-71  | 23  |
| 194 | A novel device based on smart textile to control heart@activity during exercise. 2014, 37, 377-84   | 9   |
| 193 | Prognostic significance of heart rate turbulence parameters in patients with chronic heart failure. <b>2014</b> , 14, 50  | 6   |
| 192 | Heart Rate Variability. <b>2014</b> ,   | 38  |
| 191 | Associations between attention, affect and cardiac activity in a single yoga session for female cancer survivors: an enactive neurophenomenology-based approach. <b>2014</b> , 27, 129-46                                       | 21  |
| 190 | Changes in heart rate circadian rhythm following exercise in middle-aged men. 2015,   |     |
| 189 | Autonomic modulation analysis in active and sedentary kidney transplanted recipients. <b>2015</b> , 42, 1239-44   | 6   |
| 188 | Influence of home-based telemonitored Nordic walking training on autonomic nervous system balance in heart failure patients. <b>2015</b> , 11, 1205-12  | 10  |
| 187 | Variations of high frequency parameter of heart rate variability following osteopathic manipulative treatment in healthy subjects compared to control group and sham therapy: randomized controlled trial. <b>2015</b> , 9, 272 | 51  |
| 186 | Effects of Exercise Training on Autonomic Function in Chronic Heart Failure: Systematic Review. <b>2015</b> , 2015, 591708  | 32  |
| 185 | Heart Rate Variability in Adolescents - Normative Data Stratified by Sex and Physical Activity. <b>2015</b> , 9, CC08-13  | 22  |
| 184 | Mobilization patterns of patients after an acute myocardial infarction: a pilot study. <b>2015</b> , 24, 139-55   | 9   |
| 183 | The effects of physical activity on sleep: a meta-analytic review. <b>2015</b> , 38, 427-49   | 495 |
| 182 | Methods to increase clinical applicability of heart rate variability analysis for noninvasive detecting severity of coronary lesions in patients with coronary heart disease. <b>2015</b> , 15, 431                             | 3   |
| 181 | Heart rate recovery and aerobic endurance capacity in cancer survivors: interdependence and exercise-induced improvements. <b>2015</b> , 23, 3513-20  | 6   |
| 180 | Qigong Effects on Heart Rate Variability and Peripheral Vasomotor Responses. <b>2015</b> , 37, 1383-403   | 13  |

| 179 | Exercise attenuates the major hallmarks of aging. <b>2015</b> , 18, 57-89   | 181 |
|-----|---|-----|
| 178 | Effects of acute and chronic exercise in patients with essential hypertension: benefits and risks. <b>2015</b> , 28, 429-39   | 14  |
| 177 | Influence diagram of physiological and environmental factors affecting heart rate variability: an extended literature overview. <b>2016</b> , 11, e32-e40                                   | 80  |
| 176 | The Difference Between Exercise-Induced Autonomic and Fitness Changes Measured After 12 and 20 Weeks of Medium-to-High Intensity Military Training. <b>2016</b> , 30, 2453-9                | 8   |
| 175 | Positive Effects of the Reversion of Depression on the Sympathovagal Balance after Telerehabilitation in Heart Failure Patients. <b>2016</b> , 21, 358-68                                   | 14  |
| 174 | Effect of a novel two-desk sit-to-stand workplace (ACTIVE OFFICE) on sitting time, performance and physiological parameters: protocol for a randomized control trial. <b>2016</b> , 16, 578 | 9   |
| 173 | Effect of stimulating the auricular branch of the vagus nerve on the heart rate in patients with severe chronic heart failure. <b>2016</b> , 42, 416-420                                    |     |
| 172 | Whole-Body Vibration Exercise Therapy Improves Cardiac Autonomic Function and Blood Pressure in Obese Pre- and Stage 1 Hypertensive Postmenopausal Women. <b>2016</b> , 22, 970-976         | 19  |
| 171 | Incongruent changes in heart rate variability and body weight after discontinuing aerobic exercise in patients with schizophrenia. <b>2016</b> , 109, 132-137                               | 5   |
| 170 | Physical Exercise for Late-Life Depression: Effects on Heart Rate Variability. <b>2016</b> , 24, 989-997  | 19  |
| 169 | The influence of physical activity during pregnancy on maternal, fetal or infant heart rate variability: a systematic review. <b>2016</b> , 16, 326   | 15  |
| 168 | Detailed heart rate variability analysis in athletes. <b>2016</b> , 26, 245-52  | 18  |
| 167 | Reduced heart rate variability in remitted bipolar disorder and recurrent depression. <b>2016</b> , 50, 793-804   | 22  |
| 166 | Nonpharmacological Correction of Hypersympatheticotonia in Patients with Chronic Coronary Insufficiency and Severe Left Ventricular Dysfunction. <b>2016</b> , 21, 548-556                  | 14  |
| 165 | Heart rate and blood pressure control in obesity - how to detect early dysregulation?. <i>Clinical Physiology and Functional Imaging</i> , <b>2016</b> , 36, 337-45                         | 8   |
| 164 | A yoga & exercise randomized controlled trial for vasomotor symptoms: Effects on heart rate variability. <b>2016</b> , 26, 66-71  | 9   |
| 163 | Autonomic Dysfunction Precedes Development of Rheumatoid Arthritis: A Prospective Cohort Study. <b>2016</b> , 6, 231-237  | 64  |
| 162 | A literature review of heart rate variability in depressive and bipolar disorders. <b>2016</b> , 50, 511-9  | 43  |

| 161 | Aerobic exercise improves cardiac autonomic modulation in women with polycystic ovary syndrome. <b>2016</b> , 202, 356-61   | 12  |
|-----|---|-----|
| 160 | A comparison of two methods of heart rate variability assessment at high altitude. <i>Clinical Physiology and Functional Imaging</i> , <b>2017</b> , 37, 582-587  | 5   |
| 159 | Autonomic cardiac regulation, blood pressure and cardiorespiratory fitness responses to different training doses over a 12 week group program in the elderly. <b>2017</b> , 70, 130-135                   | 9   |
| 158 | Effect of Heart Rate Variability Biofeedback on Sport Performance, a Systematic Review. <b>2017</b> , 42, 235-245   | 65  |
| 157 | Cardiovascular autonomic dysfunction and carotid stiffness in adults with repaired tetralogy of Fallot. <b>2017</b> , 27, 185-192   | 7   |
| 156 | Neutrophil-to-Lymphocyte Ratio Correlates with Severity of Extracranial Carotid Stenosis-A Study Using Digital Subtraction Angiography. <b>2017</b> , 26, 1182-1190                                       | 9   |
| 155 | Exercise and mental health. <b>2017</b> , 106, 48-56  | 244 |
| 154 | Physical Exercise Improves Heart Rate Variability in Patients with Type 2 Diabetes: A Systematic Review. <b>2017</b> , 17, 110  | 39  |
| 153 | The Brain, Heart and Human Behaviour. 41-46   |     |
| 152 | Exercise training-induced modification in autonomic nervous system: An update for cardiac patients. <b>2017</b> , 60, 27-35   | 75  |
| 151 | Depressive symptoms, functional measures and long-term outcomes of high-risk ST-elevated myocardial infarction patients treated by primary angioplasty. <b>2017</b> , 12, 31-43                           | 3   |
| 150 | Efficacy of Using Heart Rate Measurements as an Indicator to Monitor Anxiety Disorders: A Scoping Literature Review. <b>2017</b> , 61, 1783-1787  | 2   |
| 149 | Which psychological, psychophysiological, and anthropometric factors are connected with life events, depression, and quality of life in patients with cardiovascular disease. <b>2017</b> , 13, 2093-2104 | 5   |
| 148 | Aerobic exercise improves quality of life, psychological well-being and systemic inflammation in subjects with Alzheimer@ disease. <b>2016</b> , 16, 1045-1055  | 38  |
| 147 | Post-exercise hypotension and heart rate variability response after water- and land-ergometry exercise in hypertensive patients. <b>2017</b> , 12, e0180216   | 19  |
| 146 | Alters- und geschlechterbezogene Referenzwerte füden Einsatz der Herzfrequenzvariabilitüin der Bewegungstherapie. <b>2017</b> , 33, 268-275   | 1   |
| 145 | Ballistic stretch or aerobic warm-up evoke postexercise hypotension after maximal exercise. <b>2017</b> , 19, 416   |     |
| 144 | Neuronal Hormones and the Sympathetic/Parasympathetic Regulation of the Heart. <b>2017</b> , 207-227  | 1   |

## (2018-2018)

Vagus Nerve Stimulation: A Novel Anti-Inflammatory Treatment Option for Psoriasis and Psoriatic 143 Arthritis?. 2018, 3, 54-58 Exercise training in adults with repaired tetralogy of Fallot: A randomized controlled pilot study of 15 continuous versus interval training. 2018, 255, 37-44 Validation of Heart Rate Monitor Polar RS800 for Heart Rate Variability Analysis During Exercise. 61 141 2018, 32, 716-725 Stress measurement in surgeons and residents using a smart patch. 2018, 216, 361-368 140 25 Attachment and telomere length: more evidence for psychobiological connections between close 139 3 relationships, health, and aging. 2018, 41, 333-343 Diabetes Mellitus and Exercise Physiology in the Presence of Diabetic Comorbidities. 2018, 255-287 138 Physical activity and autoimmune diseases: Get moving and manage the disease. 2018, 17, 53-72 137 94 Exercise therapy and autonomic function in heart failure patients: a systematic review and 136 49 meta-analysis. 2018, 23, 91-108 Evidence of reduced parasympathetic autonomic regulation in inflammatory joint disease: A 12 135 meta-analyses study. 2018, 48, 134-140 Resting Autonomic Function in Active and Insufficiently Active People Living with HIV. 2018, 39, 73-78 134 4 Value of Assessing Autonomic Nervous Function by Heart Rate Variability and Heart Rate 10 133 Turbulence in Hypertensive Patients. 2018, 2018, 4067601 The Effects of Passive Simulated Jogging on Short-Term Heart Rate Variability in a Heterogeneous 132 10 Group of Human Subjects. **2018**, 2018, 4340925 Short-term heart rate variability as a predictor of long-term survival in patients with chronic 131 12 hemodialysis: A prospective cohort study. 2018, 117, 1058-1064 Baroreflex sensitivity and heart rate variability are predictors of mortality in patients with 8 130 aneurysmal subarachnoid haemorrhage. 2018, 394, 112-119 Association between cardiac autonomic nervous dysfunction and the severity of coronary lesions in 6 129 patients with stable coronary artery disease. 2018, 46, 3729-3740 Effects of resistance training protocols on nonlinear analysis of heart rate variability in metabolic 128 syndrome. **2018**, 51, e7459 Effects of mechanical-bed massage on exercise-induced back fatigue in athletes. 2018, 30, 365-372 127 4 Cardiac autonomic and left ventricular mechanics following high intensity interval training: a 126 12 randomized crossover controlled study. 2018, 125, 1030-1040

| 125 | Cardiac and gait rhythms in healthy younger and older adults during treadmill walking tasks. <b>2019</b> , 31, 367-375  | 4  |
|-----|---|----|
| 124 | Reducing Psychological Stress in Peripartum Women With Heart Rate Variability Biofeedback: A Systematic Review. <b>2019</b> , 37, 273-285   | 6  |
| 123 | Muscle stretching with deep and slow breathing patterns: a pilot study for therapeutic development. <b>2018</b> , 16,   | 1  |
| 122 | Exercise benefits the cardiac, autonomic and inflammatory responses to organophosphate toxicity. <b>2019</b> , 6, 666-673   | 4  |
| 121 | The Physiological Effect of n-3 Polyunsaturated Fatty Acids (n-3 PUFAs) Intake and Exercise on Hemorheology, Microvascular Function, and Physical Performance in Health and Cardiovascular Diseases; Is There an Interaction of Exercise and Dietary n-3 PUFA Intake?. <b>2019</b> , 10, 1129 | 26 |
| 120 | Short-term effects of a 3-week interval training program on heart rate variability in chronic heart failure. A randomised controlled trial. <b>2019</b> , 62, 321-328   | 11 |
| 119 | Dipeptidyl peptidase-4 inhibitors and aerobic exercise synergistically protect against liver injury in ovariectomized rats. <b>2019</b> , 7, e14191   | 5  |
| 118 | Effects of eight weeks traditional archery training on heart rate variability among sedentary youth. <b>2019</b> ,  |    |
| 117 | Recovery from sauna bathing favorably modulates cardiac autonomic nervous system. <b>2019</b> , 45, 190-197   | 15 |
| 116 | Influence of Horseback Riding and Horse Simulator Riding on Heart Rate Variability: Are There Differences?. <b>2019</b> , 9, 2194   | 6  |
| 115 | Firefighters chasal cardiac autonomic function and its associations with cardiorespiratory fitness. <b>2019</b> , 62, 485-495   | 13 |
| 114 | The role of physiological and subjective measures of emotion regulation in predicting adolescent wellbeing. <b>2019</b> , 9, 66-89  | 4  |
| 113 | Effects of Water-Based Aerobic Interval Training in Patients With COPD: A RANDOMIZED CONTROLLED TRIAL. <b>2019</b> , 39, 105-111  | 5  |
| 112 | The relationship between phobic anxiety and 2-year readmission after Acute Coronary Syndrome: What is the role of heart rate variability?. <b>2019</b> , 247, 73-80   | 5  |
| 111 | Heart Rate Variability in Dental Science. <b>2019</b> , 6, 13   |    |
| 110 | Can high-intensity interval training change cardiac autonomic control? A systematic review. <b>2019</b> , 23, 279-289   | 13 |
| 109 | The effect of level of injury and physical activity on heart rate variability following spinal cord injury. <b>2019</b> , 42, 212-219   | 4  |
| 108 | Comparison of different volumes of high intensity interval training on cardiac autonomic function in sedentary young women. <b>2017</b> , 31,   | 10 |

## (2021-2020)

| 107 | Impact of blood glucose control on sympathetic and vagus nerve functional status in patients with type 2 diabetes mellitus. <b>2020</b> , 57, 141-150   | 5  |
|-----|---|----|
| 106 | 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. <b>2020</b> , 36, 283-290                        | 3  |
| 105 | Autonomic Rehabilitation: Adapting to Change. <b>2020</b> , 31, 633-648   | 2  |
| 104 | Acupuncture at the auricular branch of the vagus nerve enhances heart rate variability in humans: An exploratory study. <b>2020</b> , 1, 215-221  | 1  |
| 103 | Diurnal variation of heart rate variability as a physiological index of mood and emotion regulation processes in Major Depression and Borderline Personality Disorder. <b>2020</b> , 23-24, 100065                        | О  |
| 102 | Effects of exercise training on sleep quality and heart rate variability in middle-aged and older adults with poor sleep quality: a randomized controlled trial. <b>2020</b> , 16, 1483-1492                              | 8  |
| 101 | Ventilatory and chronotropic incompetence during incremental and constant load exercise in end-stage renal disease: a comparative physiology study. <b>2020</b> , 319, F515-F522  | 3  |
| 100 | Acute and chronic effects of high-intensity interval and moderate-intensity continuous exercise on heart rate and its variability after recent myocardial infarction: A randomized controlled trial. <b>2020</b> , 101444 | 1  |
| 99  | Sex-Specific Differences in Percutaneous Coronary Intervention Outcomes After a Cardiac Event: A Cohort Study Examining the Role of Depression, Worry and Autonomic Function. <b>2020</b> , 29, 1449-1458                 | 1  |
| 98  | Heart rate variability and pre-competitive anxiety according to the demanding level of the match in female soccer athletes. <b>2020</b> , 222, 112926   | 6  |
| 97  | Happiness at Your Fingertips: Assessing Mental Health with Smartphone<br>Photoplethysmogram-Based Heart Rate Variability Analysis. <b>2020</b> , 26, 1483-1491  | 8  |
| 96  | Cardiac vagal control mediates the relation between past depression and blood pressure several years later among young adults. <b>2020</b> , 57, e13535   | 1  |
| 95  | Resting Heart Rate and Heart Rate Variability in the Year Following Acute Coronary Syndrome: How Do Women Fare?. <b>2021</b> , 30, 128-134  | О  |
| 94  | Association of physical activity metrics with indicators of cardiovascular function and control in children with and without type 1 diabetes. <b>2021</b> , 22, 320-328   | 1  |
| 93  | Evaluation of heart rate variability using 24-hour Holter electrocardiography in hypertensive patients. <b>2021</b> , 37, 157-164   | 1  |
| 92  | Different physiotherapy protocols after coronary artery bypass graft surgery: A randomized controlled trial. <b>2021</b> , 26, e1882  | 2  |
| 91  | Acute effects of inspiratory muscle training at different intensities in healthy young people. <b>2021</b> , 190, 577-585   | 1  |
| 90  | Effects of Repetitive Transcranial Magnetic Stimulation and Multicomponent Therapy in Patients With Fibromyalgia: A Randomized Controlled Trial. <b>2021</b> , 73, 449-458  | 11 |

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| 88 | Relationship of Cardiac Autonomic Modulation with Cardiovascular Parameters in Adults, According to Body Mass Index and Physical Activity. <b>2021</b> , 14, 975-983  | 2  |
|----|---|----|
| 87 | Blood Flow Restriction Training in Cardiovascular Disease Patients.   | O  |
| 86 | A randomized controlled trial of yoga vs nonaerobic exercise for veterans with PTSD: Understanding efficacy, mechanisms of change, and mode of delivery. <b>2021</b> , 21, 100719   |    |
| 85 | Exercise capacity improvement after cardiac rehabilitation following myocardial infarction and its association with long-term cardiovascular events. <b>2021</b> ,  | 0  |
| 84 | 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 |
| 83 | Autonomic nervous system dysfunction in schizophrenia: impact on cognitive and metabolic health. <b>2021</b> , 7, 22  | 7  |
| 82 | Effect of exercise training on heart rate variability in type 2 diabetes mellitus patients: A systematic review and meta-analysis. <b>2021</b> , 16, e0251863   | 9  |
| 81 | Effect of whole-body vibration after a resistance exercise bout on heart rate variability in hypertensive population. <b>2021</b> ,   | 1  |
| 80 | Which Factors Affect the Stress of Intraoperative Orthopedic Surgeons by Using Electroencephalography Signals and Heart Rate Variability?. <b>2021</b> , 21,  | 1  |
| 79 | Isometric handgrip exercise training reduces resting systolic blood pressure but does not interfere with diastolic blood pressure and heart rate variability in hypertensive subjects: a systematic review and meta-analysis of randomized clinical trials. <b>2021</b> , 44, 1205-1212 | 1  |
| 78 | Relaxation or Regulation: The Acute Effect of Mind-Body Exercise on Heart Rate Variability and Subjective State in Experienced Qi Gong Practitioners. <b>2021</b> , 2021, 6673190   | 1  |
| 77 | Persistent Postural-Perceptual Dizziness in Children and Adolescents. <b>2021</b> , 42, e1093-e1100   | 3  |
| 76 | Associations Between Physiological Signals Captured Using Wearable Sensors and Self-reported Outcomes Among Adults in Alcohol Use Disorder Recovery: Development and Usability Study. <b>2021</b> , 5, e27891   | 1  |
| 75 | Can Exercise Reduce the Autonomic Dysfunction of Patients With Cancer and Its Survivors? A Systematic Review and Meta-Analysis. <b>2021</b> , 12, 712823  | 1  |
| 74 | 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  |
| 73 | 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   | O  |
| 72 | Harnessing Neuroplasticity to Promote Brain Health in Aging Adults: the MOVE-Cog Intervention Study Protocol (Preprint).  |    |

| 71 | The Acute Effects of Aerobic Exercise on Nocturnal and Pre-Sleep Arousal in Patients with Unipolar Depression: Preplanned Secondary Analysis of a Randomized Controlled Trial. <b>2021</b> , 10,   | О  |
|----|--|----|
| 70 | Harnessing Neuroplasticity to Promote Brain Health in Aging Adults: Protocol for the MOVE-Cog<br>Intervention Study. <b>2021</b> , 10, e33589  | O  |
| 69 | Exercise-Based Interventions in Middle-Aged and Older Adults after Myocardial Infarction: A Systematic Review. <b>2021</b> , 11,   | 1  |
| 68 | Exercise, Physical Activity, and Cardiometabolic Health: Insights into the Prevention and Treatment of Cardiometabolic Diseases. <b>2021</b> ,   | 1  |
| 67 | Cultural Influences on Parasympathetic Activity. 345-367   | 3  |
| 66 | Exercise and Cardiovascular Protection. <b>2020</b> , 1228, 205-216  | 6  |
| 65 | Variabilit`de la fr'quence cardiaque : un marqueur de risque cardiomtabolique en sant'publique. <b>2013</b> , 197, 175-186   | О  |
| 64 | Heart Rate Variability Moderates Challenge and Threat Reactivity to Sexism Among Women in STEM. <b>2018</b> , 49, 191-204  | 5  |
| 63 | Effect of Exercise on Cardiovascular Function Following Spinal Cord Injury: A REVIEW. <b>2021</b> , 41, 13-18  | 1  |
| 62 | Implicit Affect, Heart Rate Variability, and the Metabolic Syndrome. <b>2021</b> , 83, 24-32   | 1  |
| 61 | Assessing Heart Rate Variability As a Surrogate Measure of Cardiac Autonomic Function in Chronic Traumatic Spinal Cord Injury. <b>2018</b> , 24, 28-36   | 6  |
| 60 | Diacerein improves left ventricular remodeling and cardiac function by reducing the inflammatory response after myocardial infarction. <b>2015</b> , 10, e0121842  | 19 |
| 59 | Comparison of Autonomic Reactions during Urodynamic Examination in Patients with Spinal Cord Injuries and Able-Bodied Subjects. <b>2016</b> , 11, e0161976   | 5  |
| 58 | Effect of walk training combined with blood flow restriction on resting heart rate variability and resting blood pressure in middle-aged men. <b>2019</b> , 25,  | 3  |
| 57 | Association of 24-Hour Heart Rate Variability and Daytime Physical Activity: ALLSTAR Big Data Analysis. <b>2018</b> , 8, 61-67   | 7  |
| 56 | The effects of low-volume high-intensity interval versus moderate intensity continuous training on heart rate variability, and hemodynamic and echocardiography indices in men after coronary artery bypass grafting: A randomized clinical trial study. <b>2018</b> , 14, 260-271 | 4  |
| 55 | Influence of physical activity on cardiac autonomic control in patients with dyslipidaemia. 2019, 15, 233-241  | 1  |
| 54 | Effect of Yoga on migraine: A comprehensive study using clinical profile and cardiac autonomic functions. <b>2014</b> , 7, 126-32  | 36 |

| 53 | Altered heart rate variability depend on the characteristics of coronary lesions in stable angina pectoris. <b>2015</b> , 15, 496-501   | 11 |
|----|---|----|
| 52 | Influence of resistance exercise on autonomic nervous system and sleep. <b>2018</b> , 69, 6-11  | 1  |
| 51 | Some features of pre-trip medical examination. <b>2021</b> , 2, 66-70   |    |
| 50 | Cardiac Autonomic Modulation in Response to Three Types of Exercise in Patients with Type 2 Diabetic Neuropathy <b>2021</b> , 20, 1469-1478   | O  |
| 49 | Association of Physical Activity and Sedentary Time with Cardio-Autonomic Regulation in Women. <b>2021</b> ,  | О  |
| 48 | Heart Rate Variability Reflects Similar Cardiac Autonomic Function in Explosive and Aerobically Trained Athletes. <b>2021</b> , 18,   |    |
| 47 | Perspective and Direction for Future Research. 2013, 379-398  |    |
| 46 | [The results of rehabilitation of the patients presenting with arterial hypertension: the types of adaptation, the vegetative status, and intracardial hemodynamics]. <b>2016</b> , 93, 10-17 |    |
| 45 | Relationship between Habitual Physical Activity and Variability of Cardiac Frequency in Women with Type 2 Diabetes. <b>2017</b> , 1,  |    |
| 44 | Effect of Yoga as an Add-on Therapy in the Modulation of Heart Rate Variability in Children with Duchenne Muscular Dystrophy. <b>2019</b> , 12, 55-61   | 3  |
| 43 | Herzratenvariabilitt 2019, 181-197  |    |
| 42 | The Effects of 8 Weeks Pilates, Walking, and Combined Pilates and Walking on Heart Arrhythmia. <b>2019</b> , 22,  |    |
| 41 | Encyclopedia of Evolutionary Psychological Science. <b>2020</b> , 1-7   |    |
| 40 | Comprehensive cardiac evaluation to maximal exercise in a contemporary population of prepubertal children. <b>2021</b> ,  | 2  |
| 39 | Cronotropismo no esfor <b>®</b> . Inconsist <b>®</b> cias metodol <b>®</b> icas e conceptuais. <b>2021</b> , 40, 955-955  |    |
| 38 | Effect of a biofeedback intervention on heart rate variability in individuals with panic disorder: A randomized controlled trial. <b>2021</b> ,   | 2  |
| 37 | The effect of 8 weeks of combined yoga and rehabilitation training on salivary levels of alpha-amylase and cortisol in patients after coronary artery bypass grafting. <b>2020</b> , 9, 16    |    |
| 36 | Exercise mitigates homocysteine - <b>2</b> -adrenergic receptor interactions to ameliorate contractile dysfunction in diabetes. <b>2011</b> , 3, 97-106                                       | 13 |

Exercise, inflammation and aging. 2012, 3, 130-40 35 124 Autonomic Function is Associated with Fitness Level in HIV-Infected Individuals. 2015, 1, 34 Author@reply. 2015, 15, 431-2 33 The effect of whole-body high-intensity interval training on heart rate variability in insufficiently 3.1 active adults.. Journal of Exercise Science and Fitness, 2022, 20, 48-53 Effects of Strength Training on Blood Pressure and Heart Rate Variability A Systematic Review. 2 31 Strength and Conditioning Journal, 2021, Publish Ahead of Print, Effects of different exercise interventions on heart rate variability and cardiovascular health factors in older adults: a systematic review. European Review of Aging and Physical Activity, 2021, 30 6.5 18, 24 Impact of Equine-Assisted Interventions on Heart Rate Variability in Two Participants with 22q11.2 2.8 29 Deletion Syndrome: A Pilot Study. Children, 2021, 8, Heart Rate Variability and Cardiovascular Fitness: What We Know so Far. Vascular Health and Risk 28 Management, 2021, 17, 701-711 Low heart rate variability from 10-s electrocardiograms is associated with development of O 27 4.9 non-alcoholic fatty liver disease.. Scientific Reports, 2022, 12, 1062 Postexercise hypotension and heart rate variability response after water- and land-based 26 high-intensity interval exercise in prehypertensive obese men.. Journal of Exercise Rehabilitation, 1.8 2022, 18, 57-67 Healthy Lifestyle, Autonomic Nervous System Activity, and Sleep Status for Healthy Aging. 25 O Association of cardiac autonomic modulation with different intensities of physical activity in a small 3.9 24 Brazilian inner city: a gender analysis.. European Journal of Sport Science, 2022, 1-21 Chronotropism during exercise. Methodological and conceptual inconsistencies.. Revista O 23 Portuguesa De Cardiologia (English Edition), 2021, 40, 955-956 Ten-Second Heart Rate Variability, Its Changes Over Time, and the Development of Hypertension.. 22 8.5 Hypertension, 2022, HYPERTENSIONAHA12118589 Cardiopulmonary exercise testing to observe subclinical abnormalities in cardiopulmonary function 21 2.4 in patients undergoing peritoneal dialysis.. Clinical Physiology and Functional Imaging, 2022, Exercise dose-response relationship with heart rate variability in individuals with overweight and 20 obesity: protocol for a systematic review and meta-analysis of randomised controlled trials.. BMJ Open, **2022**, 12, e047821 The effect of a home-based coaching program on heart rate variability in subacute stroke patients: 1.8 19 a randomized controlled trial.. International Journal of Rehabilitation Research, 2022, Relationship between the number of comorbidities, quality of life, and cardiac autonomic modulation in patients with coronary disease: a cross-sectional study. Revista Da Associalo Midica 18 1.4 Brasileira, 2022, 68, 450-455

| 17 | A Study on Resonance Sound Stimulation Using an Individual@Heart Rate to Improve the Stability and Homeostasis of the Autonomic Nervous System. SSRN Electronic Journal,                               | 1   |
|----|--|-----|
| 16 | Isotemporal Associations of Device-Measured Sedentary Time and Physical Activity with Cardiac-Autonomic Regulation in Previously Pregnant Women. <i>International Journal of Behavioral Medicine</i> , | 2.6 |
| 15 | Effects of a Combined Intradialytic Exercise Training Program and Music on Cardiac Autonomic Nervous System Activity in Hemodialysis Patients. <b>2022</b> , 12, 1276                                  |     |
| 14 | The Effect of Aquatic Exercise Training on Heart Rate Variability in Patients with Coronary Artery Disease. <b>2022</b> , 9, 251   | O   |
| 13 | Exercise training and cardiac autonomic function following coronary artery bypass grafting: a systematic review and meta-analysis. <b>2022</b> , 74,   | О   |
| 12 | On the reliability of wearable technology: A tutorial on measuring heart rate and heart rate variability in the wild.  | O   |
| 11 | Comparative Effectiveness of Multiple Exercise Interventions in the Treatment of Mental Health Disorders: A Systematic Review and Network Meta-Analysis. <b>2022</b> , 8,                              | 1   |
| 10 | Wearable-Derived Maternal Heart Rate Variability As A Novel Digital Biomarker of Preterm Birth.  | O   |
| 9  | SchlafqualitEund kardialer autonomer Tonus bei Leistungssporttreibenden und in einer<br>Referenzgruppe Gesunder.   | 0   |
| 8  | Cardiovascular autonomic modulation differences between moderate-intensity continuous and high-intensity interval aerobic training in women with PCOS: A randomized trial. 13,                         | O   |
| 7  | High-dose chemotherapy impairs cardiac autonomic control of hospitalized cancer patients undergoing autologous hematopoietic stem cell transplantation. <b>2022</b> ,                                  | О   |
| 6  | Autonomic Modulation and the Risk of Dementia in a Middle-aged Cohort: a 17-year Follow-up Study. <b>2022</b> ,  | O   |
| 5  | Validity of a Smartphone Application in Calculating Measures of Heart Rate Variability. <b>2022</b> , 22, 9883   | О   |
| 4  | Long-term exposure to ambient air pollutants and their interaction with physical activity on insomnia: A prospective cohort study. <b>2023</b> , 224, 115495   | O   |
| 3  | Individuals with a previous symptomatic COVID-19 infection have altered heart rate and blood pressure variability during acute exercise. 14,   | О   |
| 2  | Cardiorespiratoire reacties op acute inspanning. <b>2023</b> , 244-271   | O   |
| 1  | High-intensity exercise prescription guided by heart rate variability in breast cancer patients: a study protocol for a randomized controlled trial. <b>2023</b> , 15,                                 | О   |