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Heart Rate Variability and Cardiac Vagal Tone in Psychophysiological Research - Recommendations for Experiment Planning, Data Analysis, and Data Reporting

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156	Civilian moral injury: associations with trauma type and high-frequency heart rate variability in two trauma-exposed community-based samples. 1-10	
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133	Autonomic function predicts cognitive decline in mild cognitive impairment: Evidence from power spectral analysis of heart rate variability in a longitudinal study. 14,	О
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125	The association between heart rate variability and skin conductance: a correlation analysis in healthy individuals and patients with somatic symptom disorder comorbid with depression and anxiety. <b>2022</b> , 50, 030006052211271	O
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118	Psychophysiological Stress Reactivity in Monozygotic Twins with and without Takotsubo Syndrome. <b>2022</b> , 10, 2571	O
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114	Understanding the roles of central and autonomic activity during sleep in the improvement of working memory and episodic memory. <b>2022</b> , 119,	1
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100	Vagus activation by Cold Face Test reduces acute psychosocial stress responses. <b>2022</b> , 12,	O
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97	Biomarkers of stress and disease. <b>2022</b> ,	O
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95	Hourly personal temperature exposure and heart rate variability: A multi-center panel study in populations at intermediate to high-risk of cardiovascular disease. <b>2023</b> , 863, 160983	0
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92	Investigating the Interplay Between Self-Reported and Bio-Behavioral Measures of Stress: A Pilot Study of Civilian Job Interviews with Military Veterans. <b>2022</b> ,	O

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75	Better forbearance, lower depression: Evidence based on heart rate variability. 13,	0
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70	Sex differences in estimates of cardiac autonomic function using heart rate variability: effects of dietary capsaicin.	O
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68	Exploratory Investigation of the Effects of Tactile Stimulation Using Air Pressure at the Auricular Vagus Nerve on Heart Rate Variability.	0
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65	The effects of chemical, nuclear, radiological medical training on first responders: dysfunctional heart rate variably leads to altered physiological and psychological response	О
64	Altered baroreflex sensitivity at rest and during Valsalva maneuver in healthy male offspring of hypertensive patients.	O
63	Distinct components of cardiovascular health are linked with age-related differences in cognitive abilities. <b>2023</b> , 13,	О
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59	Assessment of soundscapes using self-report and physiological measures. 2023, 7, 6	О
58	Effects of non-invasive vagus nerve stimulation on cognitive and autonomic correlates of perseverative cognition.	o
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56	Peripheral blood flow estimated by laser doppler flowmetry provides additional information about sleep state beyond that provided by pulse rate variability. 14,	О

55	Relaxing effects of music and odors on physiological recovery after cognitive stress and unexpected absence of multisensory benefit.	1
54	Resting Heart Rate Variability and Emotion Dysregulation in Adolescents with Autism Spectrum Disorder.	O
53	Enhancing Operational Police Training in High Stress Situations with Virtual Reality: Experiences, Tools and Guidelines. <b>2023</b> , 7, 14	О
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49	Is there a link between heart rate variability and cognitive decline? A cross-sectional study on patients with mild cognitive impairment and cognitively healthy controls. <b>2023</b> , 81, 009-018	0
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47	Common eating habit patterns are associated with a high maximum occlusal force and pre-eating cardiac vagal tone. 11, e15091	0
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45	Heart rate variability in different sleep stages is associated with metabolic function and glycemic control in type 2 diabetes mellitus. 14,	О
44	Performance during presentations: A question of challenge and threat responses?. <b>2023</b> , 73, 102168	О
43	Slow breathing for reducing stress: The effect of extending exhale. <b>2023</b> , 73, 102937	0
42	Identity affirmation is associated with adaptive cardiovascular flexibility in response to stress among sexual and gender minority people of color. <b>2023</b> , 320, 115703	О
41	Neuroimaging Studies of the Neural Correlates of Heart Rate Variability: A Systematic Review. <b>2023</b> , 12, 1016	0
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39	Effectiveness of an Individualized Exergame-Based Motor-Cognitive Training Concept Targeted to Improve Cognitive Functioning in Older Adults With Mild Neurocognitive Disorder: Study Protocol for a Randomized Controlled Trial. 12, e41173	0
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36	Physiological reactivity at rest and in response to social or emotional stimuli after a traumatic brain injury: A systematic review. 14,	0
35	Alterations in heart rate variability and pro-inflammatory cytokine TNF-alpha in individuals with panic disorder. <b>2023</b> , 322, 115107	0
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32	Gastrointestinal Motility Disorders Correlate with Intracranial Bleeding, Opioid Use, and Brainstem Edema in Neurosurgical Patients.	O
31	High vagally mediated resting-state heart rate variability is associated with superior working memory function. 17,	0
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28	Negligible Effects of Nutraceuticals from Beetroot Extract on Cardiovascular and Autonomic Recovery Response following Submaximal Aerobic Exercise in Physically Active Healthy Males: A Randomized Trial. <b>2023</b> , 20, 4019	0
27	Heart Rate Variability in Adults With Substance Use Disorder: A Comprehensive Narrative Review. 107839	0322ф1451
26	The physiology of intraoperative error: using electrokardiograms to understand operator performance during robot-assisted surgery simulations.	0
25	Validity and Reliability of Short-Term Heart Rate Variability Parameters in Older People in Response to Physical Exercise. <b>2023</b> , 20, 4456	0
24	Altered parasympathetic activity during sleep and emotionally arousing wakefulness in frequent nightmare recallers.	0
23	High-trait anxious individuals show positive relationship between HRV and threat vigilance.	0
22	Diurnal variation of cardiac autonomic activity in adolescent non-suicidal self-injury.	O
21	Differentiating shame- and guilt-proneness with heart rate variability in Chinese young adults.	0
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19	Exploring different computational methods for the High-Frequency band of HRV to capture information related to RSA. <b>2023</b> , 84, 104802	O
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17	Assessment and management of pain/nociception in patients with disorders of consciousness or locked-in syndrome: A narrative review. 17,	0
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15	Heart rate variability modifications in adult patients with early versus late-onset temporal lobe epilepsy: A comparative observational study. <b>2023</b> , 53, 102852	O
14	Sex differences in heart rate and heart rate variability in rats: Implications for translational research. 14,	O
13	Model-based concept to extract heart beat-to-beat variations beyond respiratory arrhythmia and baroreflex.	0
12	Effects of Post-awakening Light Exposure on Heart Rate Variability in Healthy Male Individuals.	O
11	Effects of a Stress Management Training in Patients With Lymphedema and Obesity During Rehabilitation.	0
10	Relationship between combat-related traumatic injury and ultrashort term heart rate variability in a UK military cohort: findings from the ADVANCE study. e002316	0
9	Transcutaneous Auricular Vagus Nerve Stimulation Normalizes Induced Gastric Myoelectrical Dysrhythmias in Controls Assessed by Body-Surface Gastric Mapping. <b>2023</b> ,	0
8	Altered interpersonal distance regulation in autism spectrum disorder. <b>2023</b> , 18, e0283761	O
7	Heart rate variability as a strain indicator for psychological stress in emergency medical services personnel during working days: a systematic review. <b>2023</b> , 2023, 51-60	0
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5	At the head and heart of oxytocinâl stress-regulatory neural and cardiac effects: a chronic administration RCT in children with autism.	0
4	Heart Rate Variability and Somatization in Adolescents With Irritable Bowel Syndrome. <b>2023</b> , 29, 208-217	O
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