

Julian F Thayer

List of Publications by Year in descending order

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362
papers

38,801
citations

4370

86
h-index

3394

183
g-index

377
all docs

377
docs citations

377
times ranked

24379
citing authors

#	ARTICLE	IF	CITATIONS
1	A meta-analysis of heart rate variability and neuroimaging studies: Implications for heart rate variability as a marker of stress and health. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 747-756.	2.9	2,180
2	A model of neurovisceral integration in emotion regulation and dysregulation. <i>Journal of Affective Disorders</i> , 2000, 61, 201-216.	2.0	2,126
3	The relationship of autonomic imbalance, heart rate variability and cardiovascular disease risk factors. <i>International Journal of Cardiology</i> , 2010, 141, 122-131.	0.8	1,638
4	Claude Bernard and the heart-brain connection: Further elaboration of a model of neurovisceral integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 81-88.	2.9	1,445
5	Heart Rate Variability, Prefrontal Neural Function, and Cognitive Performance: The Neurovisceral Integration Perspective on Self-regulation, Adaptation, and Health. <i>Annals of Behavioral Medicine</i> , 2009, 37, 141-153.	1.7	1,347
6	The perseverative cognition hypothesis: A review of worry, prolonged stress-related physiological activation, and health. <i>Journal of Psychosomatic Research</i> , 2006, 60, 113-124.	1.2	1,214
7	Heart Rate Variability and Cardiac Vagal Tone in Psychophysiological Research – Recommendations for Experiment Planning, Data Analysis, and Data Reporting. <i>Frontiers in Psychology</i> , 2017, 08, 213.	1.1	1,182
8	The Continuing Problem of False Positives in Repeated Measures ANOVA in Psychophysiology: A Multivariate Solution. <i>Psychophysiology</i> , 1987, 24, 479-486.	1.2	1,024
9	The role of vagal function in the risk for cardiovascular disease and mortality. <i>Biological Psychology</i> , 2007, 74, 224-242.	1.1	832
10	Autonomic characteristics of generalized anxiety disorder and worry. <i>Biological Psychiatry</i> , 1996, 39, 255-266.	0.7	722
11	Neural correlates of heart rate variability during emotion. <i>NeuroImage</i> , 2009, 44, 213-222.	2.1	588
12	Heart rate variability as a transdiagnostic biomarker of psychopathology. <i>International Journal of Psychophysiology</i> , 2015, 98, 338-350.	0.5	583
13	Vagal influence on working memory and attention. <i>International Journal of Psychophysiology</i> , 2003, 48, 263-274.	0.5	579
14	Beyond Heart Rate Variability: Vagal Regulation of Allostatic Systems. <i>Annals of the New York Academy of Sciences</i> , 2006, 1088, 361-372.	1.8	558
15	Autonomic balance revisited: Panic anxiety and heart rate variability. <i>Journal of Psychosomatic Research</i> , 1998, 44, 133-151.	1.2	509
16	Sex differences in healthy human heart rate variability: A meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 288-310.	2.9	505
17	Psychosomatics and psychopathology: looking up and down from the brain. <i>Psychoneuroendocrinology</i> , 2005, 30, 1050-1058.	1.3	491
18	Expanding stress theory: Prolonged activation and perseverative cognition. <i>Psychoneuroendocrinology</i> , 2005, 30, 1043-1049.	1.3	418

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19	Pulse Pressure and Pulse Wave Velocity Are Related to Cognitive Decline in the Baltimore Longitudinal Study of Aging. <i>Hypertension</i> , 2008, 51, 99-104.	1.3	382
20	Daily worry is related to low heart rate variability during waking and the subsequent nocturnal sleep period. <i>International Journal of Psychophysiology</i> , 2007, 63, 39-47.	0.5	373
21	A meta-analysis of fibromyalgia treatment interventions. <i>Annals of Behavioral Medicine</i> , 1999, 21, 180-191.	1.7	355
22	The hierarchical basis of neurovisceral integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 75, 274-296.	2.9	353
23	Neurological bases for balance–anxiety links. <i>Journal of Anxiety Disorders</i> , 2001, 15, 53-79.	1.5	337
24	Physiological concomitants of perseverative cognition: A systematic review and meta-analysis.. <i>Psychological Bulletin</i> , 2016, 142, 231-259.	5.5	324
25	Toward a Causal Model of Cardiovascular Responses to Stress and the Development of Cardiovascular Disease. <i>Psychosomatic Medicine</i> , 2003, 65, 22-35.	1.3	313
26	Stress and Health: A Review of Psychobiological Processes. <i>Annual Review of Psychology</i> , 2021, 72, 663-688.	9.9	305
27	How heart rate variability affects emotion regulation brain networks. <i>Current Opinion in Behavioral Sciences</i> , 2018, 19, 98-104.	2.0	295
28	Acute Stress Affects Heart Rate Variability During Sleep. <i>Psychosomatic Medicine</i> , 2004, 66, 56-62.	1.3	288
29	Resting heart rate variability predicts self-reported difficulties in emotion regulation: a focus on different facets of emotion regulation. <i>Frontiers in Psychology</i> , 2015, 6, 261.	1.1	283
30	Heart rate variability and its relation to prefrontal cognitive function: the effects of training and detraining. <i>European Journal of Applied Physiology</i> , 2004, 93, 263-272.	1.2	279
31	Sex differences in judgement of facial affect: A multivariate analysis of recognition errors. <i>Scandinavian Journal of Psychology</i> , 2000, 41, 243-246.	0.8	260
32	Nonlinear Relations of Blood Pressure to Cognitive Function. <i>Hypertension</i> , 2005, 45, 374-379.	1.3	243
33	Reduced heart rate variability in chronic alcohol abuse: relationship with negative mood, chronic thought suppression, and compulsive drinking. <i>Biological Psychiatry</i> , 2003, 54, 1427-1436.	0.7	239
34	From the heart to the mind: cardiac vagal tone modulates top-down and bottom-up visual perception and attention to emotional stimuli. <i>Frontiers in Psychology</i> , 2014, 5, 278.	1.1	227
35	Anxiety and autonomic flexibility: a cardiovascular approach. Portions of this paper were presented in J.F. Thayer (Chair), New Approaches to Cardiovascular Reactivity Symposium conducted at the 33rd Annual Meeting of the Society for Psychophysiological Research, October 1993, Rottach-Egern, Germany. This study was conducted in partial fulfillment of the requirements of the doctoral dissertation of the first author. <i>Biological Psychology</i> , 1998, 47, 243-263.	1.1	213
36	The quest for the EEG reference revisited: A glance from brain asymmetry research. <i>Psychophysiology</i> , 2001, 38, 847-857.	1.2	211

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37	Relations among psychological trauma, dissociative phenomena, and trauma-related distress A review and integration. <i>Clinical Psychology Review</i> , 1999, 19, 631-657.	6.0	209
38	Depression and resting state heart rate variability in children and adolescents – A systematic review and meta-analysis. <i>Clinical Psychology Review</i> , 2016, 46, 136-150.	6.0	209
39	Low vagal tone is associated with impaired post stress recovery of cardiovascular, endocrine, and immune markers. <i>European Journal of Applied Physiology</i> , 2010, 109, 201-211.	1.2	208
40	Anger inhibition, cardiovascular recovery, and vagal function: A model of the link between hostility and cardiovascular disease. <i>Annals of Behavioral Medicine</i> , 1998, 20, 326-332.	1.7	207
41	Heart rate variability and inflammation: A meta-analysis of human studies. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 219-226.	2.0	204
42	Vagal tone in generalized anxiety disorder and the effects of aversive imagery and worrisome thinking. <i>Behavior Therapy</i> , 1995, 26, 457-466.	1.3	200
43	Central and autonomic nervous system integration in emotion. <i>Brain and Cognition</i> , 2003, 52, 79-87.	0.8	186
44	Autonomic nervous system activity and workplace stressors – A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1810-1823.	2.9	179
45	Heart rate response is longer after negative emotions than after positive emotions. <i>International Journal of Psychophysiology</i> , 2003, 50, 181-187.	0.5	177
46	Heart rate variability is associated with amygdala functional connectivity with MPFC across younger and older adults. <i>NeuroImage</i> , 2016, 139, 44-52.	2.1	175
47	Phasic heart period reactions to cued threat and nonthreat stimuli in generalized anxiety disorder. <i>Psychophysiology</i> , 2000, 37, 361-368.	1.2	174
48	Matters of the variable heart: Respiratory sinus arrhythmia response to marital interaction and associations with marital quality.. <i>Journal of Personality and Social Psychology</i> , 2011, 100, 103-119.	2.6	168
49	Neural aspects of immunomodulation: Focus on the vagus nerve. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1223-1228.	2.0	162
50	Heart Rate and Heart Rate Variability Changes in the Intracarotid Sodium Amobarbital Test. <i>Epilepsia</i> , 2001, 42, 912-921.	2.6	161
51	Attentional and physiological characteristics of patients with dental anxiety. <i>Journal of Anxiety Disorders</i> , 2003, 17, 75-87.	1.5	159
52	Anxiety Predicts Mortality and Morbidity After Coronary Artery and Valve Surgery – A 4-Year Follow-Up Study. <i>Psychosomatic Medicine</i> , 2007, 69, 625-631.	1.3	157
53	Effects of Depression, Anxiety, Comorbidity, and Antidepressants on Resting-State Heart Rate and Its Variability: An ELSA-Brasil Cohort Baseline Study. <i>American Journal of Psychiatry</i> , 2014, 171, 1328-1334.	4.0	156
54	Alcohol use, urinary cortisol, and heart rate variability in apparently healthy men: Evidence for impaired inhibitory control of the HPA axis in heavy drinkers. <i>International Journal of Psychophysiology</i> , 2006, 59, 244-250.	0.5	155

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55	The rhythm of the heart in the blink of an eye: Emotion-modulated startle magnitude covaries with heart rate variability. <i>Psychophysiology</i> , 2003, 40, 306-313.	1.2	146
56	Conscious and unconscious perseverative cognition: Is a large part of prolonged physiological activity due to unconscious stress?. <i>Journal of Psychosomatic Research</i> , 2010, 69, 407-416.	1.2	145
57	Cardiac Effects of Momentary Assessed Worry Episodes and Stressful Events. <i>Psychosomatic Medicine</i> , 2007, 69, 901-909.	1.3	143
58	Gender Differences in the Relationship between Emotional Regulation and Depressive Symptoms. <i>Cognitive Therapy and Research</i> , 2003, 27, 349-364.	1.2	140
59	Ethnic Differences in Resting Heart Rate Variability. <i>Psychosomatic Medicine</i> , 2015, 77, 16-25.	1.3	140
60	The default response to uncertainty and the importance of perceived safety in anxiety and stress: An evolution-theoretical perspective. <i>Journal of Anxiety Disorders</i> , 2016, 41, 22-34.	1.5	132
61	A longitudinal study in youth of heart rate variability at rest and in response to stress. <i>International Journal of Psychophysiology</i> , 2009, 73, 212-217.	0.5	130
62	Generalized Unsafety Theory of Stress: Unsafe Environments and Conditions, and the Default Stress Response. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 464.	1.2	129
63	Sympathetic and parasympathetic activity in cancer-related fatigue: More evidence for a physiological substrate in cancer survivors. <i>Psychoneuroendocrinology</i> , 2011, 36, 1137-1147.	1.3	127
64	Heart period variability and depressive symptoms: gender differences. <i>Biological Psychiatry</i> , 1998, 44, 304-306.	0.7	123
65	Resting vagal activity in schizophrenia: Meta-analysis of heart rate variability as a potential endophenotype. <i>British Journal of Psychiatry</i> , 2016, 208, 9-16.	1.7	122
66	Stop that! Inhibition, sensitization, and their neurovisceral concomitants. <i>Scandinavian Journal of Psychology</i> , 2002, 43, 123-130.	0.8	121
67	Neurovisceral integration in cardiac and emotional regulation. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2002, 21, 24-29.	1.1	117
68	Exposed to events that never happen: Generalized unsafety, the default stress response, and prolonged autonomic activity. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 287-296.	2.9	117
69	Quantifying respiratory sinus arrhythmia: Effects of misspecifying breathing frequencies across development. <i>Development and Psychopathology</i> , 2018, 30, 351-366.	1.4	116
70	When Worries Make you Sick: A Review of Perseverative Cognition, the Default Stress Response and Somatic Health. <i>Journal of Experimental Psychopathology</i> , 2010, 1, jep.009110.	0.4	115
71	When tonic cardiac vagal tone predicts changes in phasic vagal tone: The role of fear and perceptual load. <i>Psychophysiology</i> , 2014, 51, 419-426.	1.2	115
72	Relationship between heart rate variability and cognitive function during threat of shock. <i>Anxiety, Stress and Coping</i> , 2009, 22, 77-89.	1.7	109

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73	Music and Autonomic Nervous System (Dys)Function. <i>Music Perception</i> , 2010, 27, 317-326.	0.5	109
74	Accentuated antagonism in the control of human heart rate. <i>Clinical Autonomic Research</i> , 2000, 10, 107-110.	1.4	108
75	Estimating respiratory frequency from autoregressive spectral analysis of heart period. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2002, 21, 41-45.	1.1	108
76	Individual differences in fear-potentiated startle as a function of resting heart rate variability: Implications for panic disorder. <i>International Journal of Psychophysiology</i> , 2009, 71, 109-117.	0.5	106
77	Assessment of the multiple dimensions of nausea: The Nausea Profile (NP). <i>Journal of Psychosomatic Research</i> , 1996, 40, 511-520.	1.2	105
78	Resting state vagal tone in borderline personality disorder: A meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 18-26.	2.5	104
79	Prolonged Cardiac Effects of Momentary Assessed Stressful Events and Worry Episodes. <i>Psychosomatic Medicine</i> , 2010, 72, 570-577.	1.3	103
80	Ethnic Differences and Heritability of Heart Rate Variability in African- and European American Youth. <i>American Journal of Cardiology</i> , 2005, 96, 1166-1172.	0.7	100
81	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
82	Autonomic characteristics of nonclinical panic and blood phobia. <i>Biological Psychiatry</i> , 1993, 34, 298-310.	0.7	97
83	High-frequency heart rate variability and cortico-striatal activity in men and women with social phobia. <i>NeuroImage</i> , 2009, 47, 815-820.	2.1	95
84	The Rebirth of Neuroscience in Psychosomatic Medicine, Part I: Historical Context, Methods, and Relevant Basic Science. <i>Psychosomatic Medicine</i> , 2009, 71, 117-134.	1.3	95
85	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017, 8, 15805.	5.8	95
86	A meta-analysis of non-invasive brain stimulation and autonomic functioning: Implications for brain-heart pathways to cardiovascular disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 330-341.	2.9	94
87	Tai Chi Chih Acutely Decreases Sympathetic Nervous System Activity in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 1177-1180.	1.7	93
88	The Effect of Brief Situational Awareness Training in a Police Shooting Simulator: An Experimental Study. <i>Military Psychology</i> , 2006, 18, S3-S21.	0.7	93
89	Medial prefrontal cortex damage affects physiological and psychological stress responses differently in men and women. <i>Psychoneuroendocrinology</i> , 2010, 35, 56-66.	1.3	93
90	Focusing neurovisceral integration: Cognition, heart rate variability, and cerebral blood flow. <i>Psychophysiology</i> , 2015, 52, 214-224.	1.2	93

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91	The effects of transcutaneous vagus nerve stimulation on conditioned fear extinction in humans. <i>Neurobiology of Learning and Memory</i> , 2016, 132, 49-56.	1.0	92
92	Cardiac vagal tone is correlated with selective attention to neutral distractors under load. <i>Psychophysiology</i> , 2013, 50, 398-406.	1.2	84
93	From psychological moments to mortality: A multidisciplinary synthesis on heart rate variability spanning the continuum of time. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 547-567.	2.9	84
94	Fish Consumption, Sleep, Daily Functioning, and Heart Rate Variability. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 567-575.	1.4	83
95	Fitness and Gender-Related Differences in Heart Period Variability. <i>Psychosomatic Medicine</i> , 1998, 60, 773-781.	1.3	82
96	Alexithymia predicts attenuated autonomic reactivity, but prolonged recovery to anger recall in young women. <i>International Journal of Psychophysiology</i> , 2004, 53, 183-195.	0.5	82
97	Facets of Psychopathy, Heart Rate Variability and Cognitive Function. <i>Journal of Personality Disorders</i> , 2007, 21, 568-582.	0.8	81
98	The Relationship between Heart Rate Variability and Adiposity Differs for Central and Overall Adiposity. <i>Journal of Obesity</i> , 2012, 2012, 1-8.	1.1	81
99	On the Importance of Inhibition: Central and Peripheral Manifestations of Nonlinear Inhibitory Processes in Neural Systems. <i>Dose-Response</i> , 2006, 4, dose-response.0.	0.7	80
100	The Relationship Between Childhood Trauma and Poor Sleep Health in Adulthood. <i>Psychosomatic Medicine</i> , 2018, 80, 200-207.	1.3	79
101	Heart rate variability mediates the link between rumination and depressive symptoms: A longitudinal study. <i>International Journal of Psychophysiology</i> , 2018, 131, 131-138.	0.5	78
102	Inflammation and cardiorespiratory control: The role of the vagus nerve. <i>Respiratory Physiology and Neurobiology</i> , 2011, 178, 387-394.	0.7	76
103	The relationships among heart rate variability, executive functions, and clinical variables in patients with panic disorder. <i>International Journal of Psychophysiology</i> , 2012, 86, 269-275.	0.5	76
104	Resting high-frequency heart rate variability is related to resting brain perfusion. <i>Psychophysiology</i> , 2015, 52, 277-287.	1.2	76
105	A subtle threat cue, heart rate variability, and cognitive performance. <i>Psychophysiology</i> , 2011, 48, 1340-1345.	1.2	75
106	Individual differences in resting heart rate variability and cognitive control in posttraumatic stress disorder. <i>Frontiers in Psychology</i> , 2014, 5, 758.	1.1	75
107	Effects of the physical work environment on physiological measures of stress. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010, 17, 431-439.	3.1	74
108	Resting cardiac vagal tone predicts intraindividual reaction time variability during an attention task in a sample of young and healthy adults. <i>Psychophysiology</i> , 2016, 53, 1843-1851.	1.2	74

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109	Desynchronization of autonomic response and central autonomic network connectivity in posttraumatic stress disorder. <i>Human Brain Mapping</i> , 2017, 38, 27-40.	1.9	74
110	Association Between Nocturnal Vagal Tone and Sleep Depth, Sleep Quality, and Fatigue in Alcohol Dependence. <i>Psychosomatic Medicine</i> , 2006, 68, 159-166.	1.3	73
111	Structural brain correlates of heart rate variability in a healthy young adult population. <i>Brain Structure and Function</i> , 2017, 222, 1061-1068.	1.2	73
112	Cardiac vagal tone predicts attentional engagement to and disengagement from fearful faces.. <i>Emotion</i> , 2013, 13, 645-656.	1.5	72
113	Measuring post-traumatic stress: A psychometric evaluation of symptom- and coping questionnaires based on a Norwegian sample. <i>Scandinavian Journal of Psychology</i> , 1999, 40, 101-108.	0.8	71
114	Explicit memory bias for threat words in generalized anxiety disorder. <i>Behavior Therapy</i> , 2000, 31, 745-756.	1.3	71
115	Tryptophan Depletion Affects Heart Rate Variability and Impulsivity in Remitted Depressed Patients with a History of Suicidal Ideation. <i>Biological Psychiatry</i> , 2006, 60, 507-514.	0.7	71
116	Capturing worry in daily life: Are trait questionnaires sufficient?. <i>Behaviour Research and Therapy</i> , 2007, 45, 1835-1844.	1.6	71
117	The Rebirth of Neuroscience in Psychosomatic Medicine, Part II: Clinical Applications and Implications for Research. <i>Psychosomatic Medicine</i> , 2009, 71, 135-151.	1.3	71
118	Heart Rate Variability Predicts Control Over Memory Retrieval. <i>Psychological Science</i> , 2014, 25, 458-465.	1.8	70
119	The effect of sensitization and coping style on post-traumatic stress symptoms and quality of life: Two longitudinal studies. <i>Scandinavian Journal of Psychology</i> , 2002, 43, 181-188.	0.8	69
120	Low Educational Attainment, John Henryism, and Cardiovascular Reactivity to and Recovery From Personally Relevant Stress. <i>Psychosomatic Medicine</i> , 2004, 66, 49-55.	1.3	69
121	Brain structural concomitants of resting state heart rate variability in the young and old: evidence from two independent samples. <i>Brain Structure and Function</i> , 2018, 223, 727-737.	1.2	68
122	Resting Heart Rate Variability Predicts Safety Learning and Fear Extinction in an Interoceptive Fear Conditioning Paradigm. <i>PLoS ONE</i> , 2014, 9, e105054.	1.1	68
123	Heart Rate Variability is Associated with Glycemic Status After Controlling for Components of the Metabolic Syndrome. <i>International Journal of Cardiology</i> , 2013, 167, 855-861.	0.8	67
124	Cardiac vagal tone predicts inhibited attention to fearful faces.. <i>Emotion</i> , 2012, 12, 1292-1302.	1.5	67
125	Genetic influences on heart rate variability at rest and during stress. <i>Psychophysiology</i> , 2009, 46, 458-465.	1.2	65
126	A careful look at ECG sampling frequency and R-peak interpolation on short-term measures of heart rate variability. <i>Physiological Measurement</i> , 2015, 36, 1827-1852.	1.2	65

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127	Functional interplay between central and autonomic nervous systems in human fear conditioning. Trends in Neurosciences, 2022, 45, 504-506.	4.2	65
128	Cardiovascular-Emotional Dampening. Psychosomatic Medicine, 2011, 73, 743-750.	1.3	64
129	Subgenual anterior cingulate cortex activity covariation with cardiac vagal control is altered in depression. Journal of Affective Disorders, 2013, 150, 565-570.	2.0	64
130	Hostility and Distraction Have Differential Influences on Cardiovascular Recovery From Anger Recall in Women.. Health Psychology, 2004, 23, 631-640.	1.3	64
131	Sex differences in the neural correlates of autonomic arousal: A pilot PET study. International Journal of Psychophysiology, 2011, 80, 182-191.	0.5	63
132	Resting heart rate variability is associated with inhibition of conditioned fear. Psychophysiology, 2015, 52, 1161-1166.	1.2	63
133	Executive Functioning and Health: Introduction to the Special Series. Annals of Behavioral Medicine, 2009, 37, 101-105.	1.7	61
134	The fruits of ones labor: Effortâ€“reward imbalance but not job strain is related to heart rate variability across the day in 35â€“44-year-old workers. Journal of Psychosomatic Research, 2010, 69, 151-159.	1.2	61
135	Higher locus coeruleus MRI contrast is associated with lower parasympathetic influence over heart rate variability. NeuroImage, 2017, 150, 329-335.	2.1	61
136	Effects of momentary assessed stressful events and worry episodes on somatic health complaints. Psychology and Health, 2012, 27, 141-158.	1.2	60
137	Damned if you do, damned if you don't: The differential effect of expression and inhibition of anger on cardiovascular recovery in Black and White males. International Journal of Psychophysiology, 2007, 66, 125-134.	0.5	59
138	Attentional bias in active smokers, abstinent smokers, and nonsmokers. Addictive Behaviors, 1997, 22, 813-817.	1.7	58
139	Short-term effects of espresso coffee on heart rate variability and blood pressure in habitual and non-habitual coffee consumers â€“ A randomized crossover study. Nutritional Neuroscience, 2016, 19, 169-175.	1.5	58
140	Chronic Pain and Heart Rate Variability in a Cross-Sectional Occupational Sample. Clinical Journal of Pain, 2016, 32, 218-225.	0.8	57
141	Examining the association between perceived discrimination and heart rate variability in African Americans.. Cultural Diversity and Ethnic Minority Psychology, 2017, 23, 5-14.	1.3	57
142	Cortisol Is Significantly Correlated With Cardiovascular Responses During High Levels of Stress in Critical Care Personnel. Psychosomatic Medicine, 2010, 72, 281-289.	1.3	56
143	Sex Differences and Heritability of Two Indices of Heart Rate Dynamics: A Twin Study. Twin Research and Human Genetics, 2007, 10, 364-372.	0.3	55
144	Twoâ€“week testâ€“retest reliability of the ^Polar^{Â®}^{RS}800^{CX}^{â„¢} to record heart rate variability. Clinical Physiology and Functional Imaging, 2017, 37, 776-781.	0.5	55

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145	Cardiac sympathetic-vagal activity initiates a functional brain-body response to emotional arousal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2119599119.	3.3	55
146	Perseverative Thinking and Health: Neurovisceral Concomitants. <i>Psychology and Health</i> , 2002, 17, 685-695.	1.2	54
147	Who benefits from simulator training: Personality and heart rate variability in relation to situation awareness during navigation training. <i>Computers in Human Behavior</i> , 2012, 28, 1262-1268.	5.1	54
148	Stress, autonomic imbalance, and the prediction of metabolic risk: A model and a proposal for research. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 12-20.	2.9	54
149	Craving for alcohol and pre-attentive processing of alcohol stimuli. <i>International Journal of Psychophysiology</i> , 2003, 49, 29-39.	0.5	53
150	Vagally mediated heart rate variability in headache patients—a systematic review and meta-analysis. <i>Cephalalgia</i> , 2016, 36, 265-278.	1.8	53
151	Effect of Autonomic Nervous System Manipulations on Gastric Myoelectrical Activity and Emotional Responses in Healthy Human Subjects. <i>Psychosomatic Medicine</i> , 1999, 61, 297-303.	1.3	52
152	Two-Week Test-Retest Stability of the Cold Pressor Task Procedure at two different Temperatures as a Measure of Pain Threshold and Tolerance. <i>Pain Practice</i> , 2014, 14, E126-35.	0.9	51
153	A Systematic Review and Meta-Analysis of Within-Person Changes in Cardiac Vagal Activity across the Menstrual Cycle: Implications for Female Health and Future Studies. <i>Journal of Clinical Medicine</i> , 2019, 8, 1946.	1.0	51
154	Interacting effects of worry and anxiety on attentional disengagement from threat. <i>Behaviour Research and Therapy</i> , 2009, 47, 146-152.	1.6	50
155	Effects of explicit and implicit perseverative cognition on cardiac recovery after cognitive stress. <i>International Journal of Psychophysiology</i> , 2009, 74, 220-228.	0.5	50
156	Age-related differences in prefrontal control of heart rate in humans: A pharmacological blockade study. <i>International Journal of Psychophysiology</i> , 2009, 72, 81-88.	0.5	49
157	Ambulatory Blood Pressure Responses and the Circumplex Model of Mood. <i>Psychosomatic Medicine</i> , 1999, 61, 319-333.	1.3	48
158	On the existence of discrete classes in personality: Is self-monitoring the correct joint to carve?. <i>Journal of Personality and Social Psychology</i> , 1989, 57, 143-155.	2.6	47
159	Disease and family contributors to adaptation in juvenile rheumatoid arthritis and juvenile diabetes. <i>Arthritis and Rheumatism</i> , 1998, 11, 166-176.	6.7	47
160	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
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