

Julian F Thayer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

348
papers

29,504
citations

78
h-index

165
g-index

377
ext. papers

34,148
ext. citations

4.3
avg, IF

7.65
L-index

#	Paper	IF	Citations
348	A model of neurovisceral integration in emotion regulation and dysregulation. <i>Journal of Affective Disorders</i> , 2000 , 61, 201-16	2	1675
347	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, 747-56	2.3	1584
346	The relationship of autonomic imbalance, heart rate variability and cardiovascular disease risk factors. <i>International Journal of Cardiology</i> , 2010 , 141, 122-31	0.8	1266
345	Claude Bernard and the heart-brain connection: further elaboration of a model of neurovisceral integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2009 , 33, 81-8	2.3	1127
344	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, 141-53	1.1	1030
343	The perseverative cognition hypothesis: a review of worry, prolonged stress-related physiological activation, and health. <i>Journal of Psychosomatic Research</i> , 2006 , 60, 113-24	1.2	980
342	The continuing problem of false positives in repeated measures ANOVA in psychophysiology: a multivariate solution. <i>Psychophysiology</i> , 1987 , 24, 479-86	1.1	931
341	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 , 8, 213	0.9	690
340	The role of vagal function in the risk for cardiovascular disease and mortality. <i>Biological Psychology</i> , 2007 , 74, 224-42	0.7	668
339	Autonomic characteristics of generalized anxiety disorder and worry. <i>Biological Psychiatry</i> , 1996 , 39, 255-66	1.9	646
338	Neural correlates of heart rate variability during emotion. <i>NeuroImage</i> , 2009 , 44, 213-22	1.7	485
337	Vagal influence on working memory and attention. <i>International Journal of Psychophysiology</i> , 2003 , 48, 263-74	0.8	474
336	Autonomic balance revisited: panic anxiety and heart rate variability. <i>Journal of Psychosomatic Research</i> , 1998 , 44, 133-51	1.2	438
335	Beyond heart rate variability: vagal regulation of allostatic systems. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1088, 361-72	1.6	437
334	Heart rate variability as a transdiagnostic biomarker of psychopathology. <i>International Journal of Psychophysiology</i> , 2015 , 98, 338-350	0.8	418
333	Psychosomatics and psychopathology: looking up and down from the brain. <i>Psychoneuroendocrinology</i> , 2005 , 30, 1050-8	1.2	415
332	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	2.4	327

331	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	0.8	318
330	Expanding stress theory: prolonged activation and perseverative cognition. <i>Psychoneuroendocrinology</i> , 2005 , 30, 1043-9	1.2	317
329	Sex differences in healthy human heart rate variability: A meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 64, 288-310	2.3	311
328	A meta-analysis of fibromyalgia treatment interventions. <i>Annals of Behavioral Medicine</i> , 1999 , 21, 180-91	1.1	305
327	Neurological bases for balance-anxiety links. <i>Journal of Anxiety Disorders</i> , 2001 , 15, 53-79	3	280
326	Toward a causal model of cardiovascular responses to stress and the development of cardiovascular disease. <i>Psychosomatic Medicine</i> , 2003 , 65, 22-35	1	266
325	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, 263-72	0.8	242
324	Acute stress affects heart rate variability during sleep. <i>Psychosomatic Medicine</i> , 2004 , 66, 56-62	1	236
323	Physiological concomitants of perseverative cognition: A systematic review and meta-analysis. <i>Psychological Bulletin</i> , 2016 , 142, 231-259	5.4	235
322	The hierarchical basis of neurovisceral integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 75, 274-296	2.3	225
321	Sex differences in judgement of facial affect: a multivariate analysis of recognition errors. <i>Scandinavian Journal of Psychology</i> , 2000 , 41, 243-6	0.5	222
320	Nonlinear relations of blood pressure to cognitive function: the Baltimore Longitudinal Study of Aging. <i>Hypertension</i> , 2005 , 45, 374-9	2.4	209
319	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	0.9	198
318	Reduced heart rate variability in chronic alcohol abuse: relationship with negative mood, chronic thought suppression, and compulsive drinking. <i>Biological Psychiatry</i> , 2003 , 54, 1427-36	1.9	193
317	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, 326-32	1.1	188
316	The quest for the EEG reference revisited: A glance from brain asymmetry research. <i>Psychophysiology</i> , 2001 , 38, 847-857	1.1	188
315	Vagal tone in generalized anxiety disorder and the effects of aversive imagery and worrisome thinking. <i>Behavior Therapy</i> , 1995 , 26, 457-466	1.1	179
314	How heart rate variability affects emotion regulation brain networks. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 19, 98-104	1.5	173

313	Relations among psychological trauma, dissociative phenomena, and trauma-related distress: a review and integration. <i>Clinical Psychology Review</i> , 1999 , 19, 631-57	3.4	172
312	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, 201-11	0.8	163
311	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	0.9	158
310	Phasic heart period reactions to cued threat and nonthreat stimuli in generalized anxiety disorder. <i>Psychophysiology</i> , 2000 , 37, 361-368	1.1	157
309	Central and autonomic nervous system integration in emotion. <i>Brain and Cognition</i> , 2003 , 52, 79-87	0.6	154
308	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, 103-19	1.7	144
307	Anxiety and autonomic flexibility: a cardiovascular approach. <i>Biological Psychology</i> , 1998 , 47, 243-63	0.7	144
306	Autonomic nervous system activity and workplace stressors--a systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 1810-23	2.3	142
305	Heart rate and heart rate variability changes in the intracarotid sodium amobarbital test. <i>Epilepsia</i> , 2001 , 42, 912-21	1.6	140
304	Depression and resting state heart rate variability in children and adolescents - A systematic review and meta-analysis. <i>Clinical Psychology Review</i> , 2016 , 46, 136-50	3.4	139
303	Attentional and physiological characteristics of patients with dental anxiety. <i>Journal of Anxiety Disorders</i> , 2003 , 17, 75-87	3	136
302	Heart rate response is longer after negative emotions than after positive emotions. <i>International Journal of Psychophysiology</i> , 2003 , 50, 181-7	0.8	135
301	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, 244-50	0.8	134
300	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, 306-13	1.1	128
299	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, 1328-34	3.6	119
298	Heart rate variability is associated with amygdala functional connectivity with MPFC across younger and older adults. <i>NeuroImage</i> , 2016 , 139, 44-52	1.7	117
297	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, 407-16	1.2	117
296	Cardiac effects of momentary assessed worry episodes and stressful events. <i>Psychosomatic Medicine</i> , 2007 , 69, 901-9	1	116

295	Anxiety predicts mortality and morbidity after coronary artery and valve surgery--a 4-year follow-up study. <i>Psychosomatic Medicine</i> , 2007 , 69, 625-31	1	114
294	Gender Differences in the Relationship between Emotional Regulation and Depressive Symptoms. <i>Cognitive Therapy and Research</i> , 2003 , 27, 349-364	0.8	108
293	Neural aspects of immunomodulation: focus on the vagus nerve. <i>Brain, Behavior, and Immunity</i> , 2010 , 24, 1223-8	4.4	107
292	A longitudinal study in youth of heart rate variability at rest and in response to stress. <i>International Journal of Psychophysiology</i> , 2009 , 73, 212-7	0.8	107
291	Stop that! Inhibition, sensitization, and their neurovisceral concomitants. <i>Scandinavian Journal of Psychology</i> , 2002 , 43, 123-30	0.5	107
290	Heart period variability and depressive symptoms: gender differences. <i>Biological Psychiatry</i> , 1998 , 44, 304-6	1.9	106
289	Ethnic differences in resting heart rate variability: a systematic review and meta-analysis. <i>Psychosomatic Medicine</i> , 2015 , 77, 16-25	1	101
288	Sympathetic and parasympathetic activity in cancer-related fatigue: more evidence for a physiological substrate in cancer survivors. <i>Psychoneuroendocrinology</i> , 2011 , 36, 1137-47	1.2	101
287	Assessment of the multiple dimensions of nausea: the Nausea Profile (NP). <i>Journal of Psychosomatic Research</i> , 1996 , 40, 511-20	1.2	95
286	When tonic cardiac vagal tone predicts changes in phasic vagal tone: the role of fear and perceptual load. <i>Psychophysiology</i> , 2014 , 51, 419-26	1.1	91
285	Neurovisceral integration in cardiac and emotional regulation. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2002 , 21, 24-9		90
284	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	89
283	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, 109-17	0.8	89
282	Stress and Health: A Review of Psychobiological Processes. <i>Annual Review of Psychology</i> , 2021 , 72, 663-688		89
281	Autonomic characteristics of nonclinical panic and blood phobia. <i>Biological Psychiatry</i> , 1993 , 34, 298-310	1.9	88
280	Heart rate variability and inflammation: A meta-analysis of human studies. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 219-226	4.4	85
279	Relationship between heart rate variability and cognitive function during threat of shock. <i>Anxiety, Stress and Coping</i> , 2009 , 22, 77-89	0.9	83
278	Prolonged cardiac effects of momentary assessed stressful events and worry episodes. <i>Psychosomatic Medicine</i> , 2010 , 72, 570-7	1	83

277	Medial prefrontal cortex damage affects physiological and psychological stress responses differently in men and women. <i>Psychoneuroendocrinology</i> , 2010 , 35, 56-66	1.2	83
276	Estimating respiratory frequency from autoregressive spectral analysis of heart period. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2002 , 21, 41-5		83
275	Accentuated antagonism in the control of human heart rate. <i>Clinical Autonomic Research</i> , 2000 , 10, 107-101		82
274	Quantifying respiratory sinus arrhythmia: Effects of misspecifying breathing frequencies across development. <i>Development and Psychopathology</i> , 2018 , 30, 351-366	0.9	82
273	The rebirth of neuroscience in psychosomatic medicine, Part I: historical context, methods, and relevant basic science. <i>Psychosomatic Medicine</i> , 2009 , 71, 117-34	1	81
272	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	3	81
271	Ethnic differences and heritability of heart rate variability in African- and European American youth. <i>American Journal of Cardiology</i> , 2005 , 96, 1166-72	0.7	79
270	High-frequency heart rate variability and cortico-striatal activity in men and women with social phobia. <i>NeuroImage</i> , 2009 , 47, 815-20	1.7	78
269	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	2.3	77
268	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	77
267	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, 1177-80	1.5	77
266	Resting state vagal tone in borderline personality disorder: A meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016 , 64, 18-26	1.8	76
265	The Effect of Brief Situational Awareness Training in a Police Shooting Simulator: An Experimental Study. <i>Military Psychology</i> , 2006 , 18, S3-S21	0.2	76
264	Alexithymia predicts attenuated autonomic reactivity, but prolonged recovery to anger recall in young women. <i>International Journal of Psychophysiology</i> , 2004 , 53, 183-95	0.8	73
263	Music and Autonomic Nervous System (Dys)function. <i>Music Perception</i> , 2010 , 27, 317-326	0.7	72
262	Focusing neurovisceral integration: cognition, heart rate variability, and cerebral blood flow. <i>Psychophysiology</i> , 2015 , 52, 214-224	1.1	71
261	Facets of psychopathy, heart rate variability and cognitive function. <i>Journal of Personality Disorders</i> , 2007 , 21, 568-82	0.6	70
260	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,	1.6	68

259	Inflammation and cardiorespiratory control: the role of the vagus nerve. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 178, 387-94	0.7	67
258	Fitness and gender-related differences in heart period variability. <i>Psychosomatic Medicine</i> , 1998 , 60, 773-81		67
257	The effects of transcutaneous vagus nerve stimulation on conditioned fear extinction in humans. <i>Neurobiology of Learning and Memory</i> , 2016 , 132, 49-56	0.6	67
256	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, 330-347	2.3	66
255	Explicit memory bias for threat words in generalized anxiety disorder. <i>Behavior Therapy</i> , 2000 , 31, 745-756		66
254	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	1.2	65
253	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, 101-8	0.5	65
252	Individual differences in resting heart rate variability and cognitive control in posttraumatic stress disorder. <i>Frontiers in Psychology</i> , 2014 , 5, 758	0.9	64
251	The relationships among heart rate variability, executive functions, and clinical variables in patients with panic disorder. <i>International Journal of Psychophysiology</i> , 2012 , 86, 269-75	0.8	64
250	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	2.3	63
249	The Relationship between Heart Rate Variability and Adiposity Differs for Central and Overall Adiposity. <i>Journal of Obesity</i> , 2012 , 2012, 149516	0.8	63
248	A subtle threat cue, heart rate variability, and cognitive performance. <i>Psychophysiology</i> , 2011 , 48, 1340-51	1.1	63
247	Tryptophan depletion affects heart rate variability and impulsivity in remitted depressed patients with a history of suicidal ideation. <i>Biological Psychiatry</i> , 2006 , 60, 507-14	1.9	62
246	Fish consumption, sleep, daily functioning, and heart rate variability. <i>Journal of Clinical Sleep Medicine</i> , 2014 , 10, 567-75	0.8	61
245	On the importance of inhibition: central and peripheral manifestations of nonlinear inhibitory processes in neural systems. <i>Dose-Response</i> , 2006 , 4, 2-21	0.8	61
244	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, 181-8	0.5	61
243	Low educational attainment, John Henryism, and cardiovascular reactivity to and recovery from personally relevant stress. <i>Psychosomatic Medicine</i> , 2004 , 66, 49-55	1	61
242	Cardiac vagal tone is correlated with selective attention to neutral distractors under load. <i>Psychophysiology</i> , 2013 , 50, 398-406	1.1	60

241	Genetic influences on heart rate variability at rest and during stress. <i>Psychophysiology</i> , 2009 , 46, 458-65	1.1	60
240	Capturing worry in daily life: are trait questionnaires sufficient?. <i>Behaviour Research and Therapy</i> , 2007 , 45, 1835-44	1.2	59
239	The rebirth of neuroscience in psychosomatic medicine, Part II: clinical applications and implications for research. <i>Psychosomatic Medicine</i> , 2009 , 71, 135-51	1	58
238	Heart rate variability predicts control over memory retrieval. <i>Psychological Science</i> , 2014 , 25, 458-65	2	57
237	Heart rate variability is associated with glycemic status after controlling for components of the metabolic syndrome. <i>International Journal of Cardiology</i> , 2013 , 167, 855-61	0.8	56
236	Resting high-frequency heart rate variability is related to resting brain perfusion. <i>Psychophysiology</i> , 2015 , 52, 277-87	1.1	56
235	Attentional bias in active smokers, abstinent smokers, and nonsmokers. <i>Addictive Behaviors</i> , 1997 , 22, 813-7	1.4	56
234	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. <i>International Journal of Psychophysiology</i> , 2007 , 66, 125-34	0.8	56
233	Association between nocturnal vagal tone and sleep depth, sleep quality, and fatigue in alcohol dependence. <i>Psychosomatic Medicine</i> , 2006 , 68, 159-66	1	56
232	Subgenual anterior cingulate cortex activity covariation with cardiac vagal control is altered in depression. <i>Journal of Affective Disorders</i> , 2013 , 150, 565-70	2	55
231	Cardiac vagal tone predicts attentional engagement to and disengagement from fearful faces. <i>Emotion</i> , 2013 , 13, 645-56	1.1	55
230	The fruits of ones labor: Effort-reward imbalance but not job strain is related to heart rate variability across the day in 35-44-year-old workers. <i>Journal of Psychosomatic Research</i> , 2010 , 69, 151-9	1.2	54
229	Cardiac vagal tone predicts inhibited attention to fearful faces. <i>Emotion</i> , 2012 , 12, 1292-302	1.1	53
228	Sex differences in the neural correlates of autonomic arousal: a pilot PET study. <i>International Journal of Psychophysiology</i> , 2011 , 80, 182-91	0.8	52
227	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, 1827-52	1	51
226	Desynchronization of autonomic response and central autonomic network connectivity in posttraumatic stress disorder. <i>Human Brain Mapping</i> , 2017 , 38, 27-40	1.4	51
225	Cardiovascular-emotional dampening: the relationship between blood pressure and recognition of emotion. <i>Psychosomatic Medicine</i> , 2011 , 73, 743-50	1	51
224	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017 , 8, 15805	5	50

223	Resting heart rate variability predicts safety learning and fear extinction in an interoceptive fear conditioning paradigm. <i>PLoS ONE</i> , 2014 , 9, e105054	1.2	50
222	Hostility and distraction have differential influences on cardiovascular recovery from anger recall in women. <i>Health Psychology</i> , 2004 , 23, 631-40	1.3	50
221	Effects of the physical work environment on physiological measures of stress. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010 , 17, 431-9		49
220	Heart rate variability mediates the link between rumination and depressive symptoms: A longitudinal study. <i>International Journal of Psychophysiology</i> , 2018 , 131, 131-138	0.8	48
219	Executive functioning and health: introduction to the special series. <i>Annals of Behavioral Medicine</i> , 2009 , 37, 101-5	1.1	47
218	Sex differences and heritability of two indices of heart rate dynamics: a twin study. <i>Twin Research and Human Genetics</i> , 2007 , 10, 364-72	0.2	46
217	Craving for alcohol and pre-attentive processing of alcohol stimuli. <i>International Journal of Psychophysiology</i> , 2003 , 49, 29-39	0.8	46
216	Effects of momentary assessed stressful events and worry episodes on somatic health complaints. <i>Psychology and Health</i> , 2012 , 27, 141-58	0.9	45
215	Effects of explicit and implicit perseverative cognition on cardiac recovery after cognitive stress. <i>International Journal of Psychophysiology</i> , 2009 , 74, 220-8	0.8	44
214	Cortisol is significantly correlated with cardiovascular responses during high levels of stress in critical care personnel. <i>Psychosomatic Medicine</i> , 2010 , 72, 281-9	1	44
213	The Relationship Between Childhood Trauma and Poor Sleep Health in Adulthood. <i>Psychosomatic Medicine</i> , 2018 , 80, 200-207	1	44
212	Resting heart rate variability is associated with inhibition of conditioned fear. <i>Psychophysiology</i> , 2015 , 52, 1161-6	1.1	43
211	Interacting effects of worry and anxiety on attentional disengagement from threat. <i>Behaviour Research and Therapy</i> , 2009 , 47, 146-52	1.2	43
210	A dynamical systems interpretation of a dimensional model of emotion. <i>Scandinavian Journal of Psychology</i> , 2001 , 42, 121-33	0.5	41
209	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	41
208	Ambulatory blood pressure responses and the circumplex model of mood: a 4-day study. <i>Psychosomatic Medicine</i> , 1999 , 61, 319-33	1	41
207	Short-term effects of espresso coffee on heart rate variability and blood pressure in habitual and non-habitual coffee consumers--a randomized crossover study. <i>Nutritional Neuroscience</i> , 2016 , 19, 169-75	1.1	40
206	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	1.1	40

205	Structural brain correlates of heart rate variability in a healthy young adult population. <i>Brain Structure and Function</i> , 2017 , 222, 1061-1068	0.9	39
204	The effect of conscious and non-conscious presentation of biologically relevant emotion pictures on emotion modulated startle and phasic heart rate. <i>International Journal of Psychophysiology</i> , 2011 , 79, 341-6	0.8	39
203	Perseverative Thinking and Health: Neurovisceral Concomitants. <i>Psychology and Health</i> , 2002 , 17, 685-695	0.9	39
202	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	3.1	38
201	A Norwegian adaptation of the Penn State Worry Questionnaire: factor structure, reliability, validity and norms. <i>Scandinavian Journal of Psychology</i> , 2006 , 47, 281-91	0.5	37
200	Examining the association between perceived discrimination and heart rate variability in African Americans. <i>Cultural Diversity and Ethnic Minority Psychology</i> , 2017 , 23, 5-14	0.8	37
199	Age-related differences in prefrontal control of heart rate in humans: a pharmacological blockade study. <i>International Journal of Psychophysiology</i> , 2009 , 72, 81-8	0.8	36
198	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	2.3	35
197	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	0.8	35
196	Anxiety and respiratory variability. <i>Physiology and Behavior</i> , 2006 , 89, 189-95	0.9	35
195	Vagally mediated heart rate variability in headache patients--a systematic review and meta-analysis. <i>Cephalalgia</i> , 2016 , 36, 265-78	1.5	34
194	Two-week test-retest reliability of the Polar RS800CX to record heart rate variability. <i>Clinical Physiology and Functional Imaging</i> , 2017 , 37, 776-781	0.6	34
193	Higher locus coeruleus MRI contrast is associated with lower parasympathetic influence over heart rate variability. <i>NeuroImage</i> , 2017 , 150, 329-335	1.7	34
192	Anger in brain and body: the neural and physiological perturbation of decision-making by emotion. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 150-8	1.5	34
191	A sensitive body or a sensitive mind? Associations among somatic sensitization, cognitive sensitization, health worry, and subjective health complaints. <i>Journal of Psychosomatic Research</i> , 2007 , 63, 673-81	1.2	34
190	Trajectories of adaptation in pediatric chronic illness: The importance of the individual.. <i>Journal of Consulting and Clinical Psychology</i> , 1998 , 66, 521-532	1.7	34
189	Altered functional connectivity between medial prefrontal cortex and the inferior brainstem in major depression during appraisal of subjective emotional responses: A preliminary study. <i>Biological Psychology</i> , 2015 , 108, 13-24	0.7	33
188	A Meta-Analysis on Sex Differences in Resting-State Vagal Activity in Children and Adolescents. <i>Frontiers in Physiology</i> , 2017 , 8, 582	1.1	33

187	Rumination as a mediator of chronic stress effects on hypertension: a causal model. <i>International Journal of Hypertension</i> , 2012 , 2012, 453465	0.6	33
186	Shared Mental Models and Operational Effectiveness: Effects on Performance and Team Processes in Submarine Attack Teams. <i>Military Psychology</i> , 2006 , 18, S23-S36	0.2	33
185	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	1.7	33
184	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	0.9	32
183	Decreased heart rate variability correlates to increased cardiovascular risk. <i>International Journal of Cardiology</i> , 2016 , 203, 728-30	0.8	32
182	Chronic Pain and Heart Rate Variability in a Cross-Sectional Occupational Sample: Evidence for Impaired Vagal Control. <i>Clinical Journal of Pain</i> , 2016 , 32, 218-25	0.9	32
181	Disease and family contributors to adaptation in juvenile rheumatoid arthritis and juvenile diabetes. <i>Arthritis and Rheumatism</i> , 1998 , 11, 166-76		31
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18	Social Groups Prioritize Selective Attention to Faces: How Social Identity Shapes Distractor Interference. <i>PLoS ONE</i> , 2016 , 11, e0161426	1.2	1
17	Gender Differences in Cardiac Chronotropic Control: Implications for Heart Rate Variability Research. <i>Applied Psychophysiology Biofeedback</i> , 2021 , 47, 65	1	1
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