

# Frank H Wilhelm

## List of Publications by Year in descending order

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195  
papers

12,905  
citations

23567

58  
h-index

28297

105  
g-index

207  
all docs

207  
docs citations

207  
times ranked

11888  
citing authors

#	ARTICLE	IF	CITATIONS
1	The social consequences of expressive suppression.. Emotion, 2003, 3, 48-67.	1.8	1,073
2	The Tie That Binds? Coherence Among Emotion Experience, Behavior, and Physiology.. Emotion, 2005, 5, 175-190.	1.8	880
3	Fear conditioning in posttraumatic stress disorder: Evidence for delayed extinction of autonomic, experiential, and behavioural responses. Behaviour Research and Therapy, 2007, 45, 2019-2033.	3.1	423
4	Respiratory sinus arrhythmia, emotion, and emotion regulation during social interaction. Psychophysiology, 2006, 43, 612-622.	2.4	421
5	Cell aging in relation to stress arousal and cardiovascular disease risk factors. Psychoneuroendocrinology, 2006, 31, 277-287.	2.7	391
6	Cardiovascular, electrodermal, and respiratory response patterns to fear- and sadness-inducing films. Psychophysiology, 2007, 44, 787-806.	2.4	374
7	Seeing the silver lining: Cognitive reappraisal ability moderates the relationship between stress and depressive symptoms.. Emotion, 2010, 10, 783-795.	1.8	337
8	Glucocorticoids enhance extinction-based psychotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6621-6625.	7.1	273
9	All in the mind's eye? Anger rumination and reappraisal.. Journal of Personality and Social Psychology, 2008, 94, 133-145.	2.8	255
10	Emotions beyond the laboratory: Theoretical fundamentals, study design, and analytic strategies for advanced ambulatory assessment. Biological Psychology, 2010, 84, 552-569.	2.2	244
11	Visual complexity of websites: Effects on users' experience, physiology, performance, and memory. International Journal of Human Computer Studies, 2009, 67, 703-715.	5.6	212
12	Autonomic and Respiratory Characteristics of Posttraumatic Stress Disorder and Panic Disorder. Psychosomatic Medicine, 2007, 69, 935-943.	2.0	210
13	Fear conditioning in panic disorder: Enhanced resistance to extinction.. Journal of Abnormal Psychology, 2007, 116, 612-617.	1.9	190
14	Is there less to social anxiety than meets the eye? Emotion experience, expression, and bodily responding. Cognition and Emotion, 2004, 18, 631-642.	2.0	172
15	Social anxiety and response to touch: incongruence between self-evaluative and physiological reactions. Biological Psychology, 2001, 58, 181-202.	2.2	165
16	Physiologic instability in panic disorder and generalized anxiety disorder. Biological Psychiatry, 2001, 49, 596-605.	1.3	151
17	How to Bite Your Tongue Without Blowing Your Top: Implicit Evaluation of Emotion Regulation Predicts Affective Responding to Anger Provocation. Personality and Social Psychology Bulletin, 2006, 32, 589-602.	3.0	140
18	The LifeShirt. Behavior Modification, 2003, 27, 671-691.	1.6	138

#	ARTICLE	IF	CITATIONS
19	Don't hide your happiness! Positive emotion dissociation, social connectedness, and psychological functioning.. Journal of Personality and Social Psychology, 2011, 100, 738-748.	2.8	138
20	Feedback of end-tidal pCO <sub>2</sub> as a therapeutic approach for panic disorder. Journal of Psychiatric Research, 2008, 42, 560-568.	3.1	133
21	Vagal rebound during resolution of tearful crying among depressed and nondepressed individuals. Psychophysiology, 2003, 40, 1-6.	2.4	131
22	Detecting Moments of Stress from Measurements of Wearable Physiological Sensors. Sensors, 2019, 19, 3805.	3.8	124
23	Enhancing exposure therapy for anxiety disorders with glucocorticoids: From basic mechanisms of emotional learning to clinical applications. Journal of Anxiety Disorders, 2010, 24, 223-230.	3.2	122
24	Crying threshold and intensity in major depressive disorder.. Journal of Abnormal Psychology, 2002, 111, 302-312.	1.9	118
25	Autonomic recovery and habituation in social anxiety. Psychophysiology, 2003, 40, 648-653.	2.4	118
26	Blunted endocrine and cardiovascular reactivity in young healthy women reporting a history of childhood adversity. Psychoneuroendocrinology, 2015, 51, 58-67.	2.7	117
27	Respiratory Dysregulation in Anxiety, Functional Cardiac, and Pain Disorders. Behavior Modification, 2001, 25, 513-545.	1.6	104
28	Slow Recovery From Voluntary Hyperventilation in Panic Disorder. Psychosomatic Medicine, 2001, 63, 638-649.	2.0	102
29	Low levels of estradiol are associated with elevated conditioned responding during fear extinction and with intrusive memories in daily life. Neurobiology of Learning and Memory, 2014, 116, 145-154.	1.9	102
30	No haste, more taste: An EMA study of the effects of stress, negative and positive emotions on eating behavior. Biological Psychology, 2018, 131, 54-62.	2.2	101
31	Respiratory sinus arrhythmia as a predictor of outcome in major depressive disorder. Journal of Affective Disorders, 2002, 71, 265-272.	4.1	99
32	Taking the laboratory to the skies: Ambulatory assessment of self-report, autonomic, and respiratory responses in flying phobia. Psychophysiology, 1998, 35, 596-606.	2.4	98
33	Characteristics of sighing in panic disorder. Biological Psychiatry, 2001, 49, 606-614.	1.3	98
34	Psychophysiological Assessment During Exposure in Driving Phobic Patients.. Journal of Abnormal Psychology, 2005, 114, 126-139.	1.9	98
35	Depression and Stress Reactivity in Metastatic Breast Cancer. Psychosomatic Medicine, 2006, 68, 675-683.	2.0	97
36	Blushing and physiological arousability in social phobia.. Journal of Abnormal Psychology, 2001, 110, 247-258.	1.9	96

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37	The somatic symptom paradox in DSM-IV anxiety disorders: suggestions for a clinical focus in psychophysiology. <i>Biological Psychology</i> , 2001, 57, 105-140.	2.2	95
38	Gender Differences in Psychophysiological Responses to Speech Stress Among Older Social Phobics. <i>Psychosomatic Medicine</i> , 2001, 63, 765-777.	2.0	94
39	Respiratory Biofeedback-Assisted Therapy in Panic Disorder. <i>Behavior Modification</i> , 2001, 25, 584-605.	1.6	93
40	An affective computing approach to physiological emotion specificity: Toward subjectâ€independent and stimulusâ€independent classification of filmâ€induced emotions. <i>Psychophysiology</i> , 2011, 48, 908-922.	2.4	93
41	Effects of relaxation on psychobiological wellbeing during pregnancy: A randomized controlled trial. <i>Psychoneuroendocrinology</i> , 2010, 35, 1348-1355.	2.7	90
42	Binge eating in binge eating disorder: A breakdown of emotion regulatory process?. <i>Psychiatry Research</i> , 2012, 195, 118-124.	3.3	87
43	Salivary Cortisol Response During Exposure Treatment in Driving Phobics. <i>Psychosomatic Medicine</i> , 2003, 65, 679-687.	2.0	82
44	Do Unexpected Panic Attacks Occur Spontaneously?. <i>Biological Psychiatry</i> , 2011, 70, 985-991.	1.3	79
45	ANSLAB: Integrated multichannel peripheral biosignal processing in psychophysiological science. <i>Behavior Research Methods</i> , 2016, 48, 1528-1545.	4.0	78
46	Acute and delayed effects of alprazolam on flight phobics during exposure. <i>Behaviour Research and Therapy</i> , 1997, 35, 831-841.	3.1	76
47	Psychophysiological and Cortisol Responses to Psychological Stress in Depressed and Nondepressed Older Men and Women With Elevated Cardiovascular Disease Risk. <i>Psychosomatic Medicine</i> , 2006, 68, 538-546.	2.0	75
48	Mechanisms of Virtual Reality Exposure Therapy: The Role of the Behavioral Activation and Behavioral Inhibition Systems. <i>Applied Psychophysiology Biofeedback</i> , 2005, 30, 271-284.	1.7	72
49	Eat your troubles away: Electrocortical and experiential correlates of food image processing are related to emotional eating style and emotional state. <i>Biological Psychology</i> , 2014, 96, 94-101.	2.2	72
50	Higher Vagal Activity as Related to Survival in Patients With Advanced Breast Cancer. <i>Psychosomatic Medicine</i> , 2015, 77, 346-355.	2.0	72
51	Clinical Characteristics of Flight Phobia. <i>Journal of Anxiety Disorders</i> , 1997, 11, 241-261.	3.2	70
52	Breathing Training for Treating Panic Disorder. <i>Behavior Modification</i> , 2003, 27, 731-754.	1.6	70
53	Muscle tension in generalized anxiety disorder: A critical review of the literature. <i>Journal of Anxiety Disorders</i> , 2009, 23, 1-11.	3.2	67
54	Voluntary hyperventilation in the treatment of panic disorderâ€functions of hyperventilation, their implications for breathing training, and recommendations for standardization. <i>Clinical Psychology Review</i> , 2005, 25, 285-306.	11.4	65

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55	Relationship between Fear Conditionability and Aversive Memories: Evidence from a Novel Conditioned-Intrusion Paradigm. PLoS ONE, 2013, 8, e79025.	2.5	65
56	Implicit anxiety measure predicts cardiovascular reactivity to an evaluated speaking task.. Emotion, 2002, 2, 3-11.	1.8	64
57	Embarrassment and social phobia: the role of parasympathetic activation. Journal of Anxiety Disorders, 2003, 17, 197-210.	3.2	64
58	High cardiac vagal control is related to better subjective and objective sleep quality. Biological Psychology, 2015, 106, 79-85.	2.2	63
59	Continuous electronic data capture of physiology, behavior and experience in real life: towards ecological momentary assessment of emotion. Interacting With Computers, 2006, 18, 171-186.	1.5	62
60	Influence of stress on fear memory processes in an aversive differential conditioning paradigm in humans. Psychoneuroendocrinology, 2013, 38, 1186-1197.	2.7	62
61	To eat or not to eat: Effects of food availability on reward system activity during food picture viewing. Appetite, 2016, 99, 254-261.	3.7	59
62	Childhood abuse and depression in adulthood: The mediating role of allostatic load. Psychoneuroendocrinology, 2018, 94, 134-142.	2.7	56
63	Reduced heart rate responding to trauma reliving in trauma survivors with PTSD: Correlates and consequences. Journal of Traumatic Stress, 2006, 19, 721-734.	1.8	55
64	Are Current Theories of Panic Falsifiable?. Psychological Bulletin, 2005, 131, 171-192.	6.1	53
65	Estimation of Human Circadian Phase via a Multi-Channel Ambulatory Monitoring System and a Multiple Regression Model. Journal of Biological Rhythms, 2011, 26, 55-67.	2.6	53
66	The efficacy of a short version of a cognitive-behavioral treatment followed by booster sessions for binge eating disorder. Behaviour Research and Therapy, 2009, 47, 628-635.	3.1	52
67	Higher threat avoidance costs reduce avoidance behaviour which in turn promotes fear extinction in humans. Behaviour Research and Therapy, 2017, 96, 37-46.	3.1	52
68	When two paradigms meet: Does evaluative learning extinguish in differential fear conditioning?. Learning and Motivation, 2008, 39, 58-70.	1.2	51
69	An Improved Method for Estimating Human Circadian Phase Derived From Multichannel Ambulatory Monitoring and Artificial Neural Networks. Chronobiology International, 2012, 29, 1078-1097.	2.0	51
70	Pre- to postsleep change in psychophysiological reactivity to emotional films: Late-night REM sleep is associated with attenuated emotional processing. Psychophysiology, 2015, 52, 813-825.	2.4	50
71	Respiratory feedback for treating panic disorder. Journal of Clinical Psychology, 2004, 60, 197-207.	1.9	48
72	Voluntary Breath Holding in Panic and Generalized Anxiety Disorders. Psychosomatic Medicine, 1998, 60, 671-679.	2.0	46

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73	Daily stress, presleep arousal, and sleep in healthy young women: a daily life computerized sleep diary and actigraphy study. <i>Sleep Medicine</i> , 2014, 15, 359-366.	1.6	46
74	High altitudes, anxiety, and panic attacks: is there a relationship?. <i>Depression and Anxiety</i> , 2002, 16, 51-58.	4.1	45
75	Autonomic instability during relaxation in panic disorder. <i>Psychiatry Research</i> , 1998, 80, 155-164.	3.3	44
76	“Don't put me down but don't be too nice to me either” Fear of positive vs. negative evaluation and responses to positive vs. negative social-evaluative films. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2015, 46, 164-169.	1.2	43
77	EEG spectral power and negative symptoms in at-risk individuals predict transition to psychosis. <i>Schizophrenia Research</i> , 2010, 123, 208-216.	2.0	42
78	Improving estimation of cardiac vagal tone during spontaneous breathing using a paced breathing calibration. <i>Biomedical Sciences Instrumentation</i> , 2004, 40, 317-24.	0.2	42
79	Instability of physical anxiety symptoms in daily life of patients with panic disorder and patients with posttraumatic stress disorder. <i>Journal of Anxiety Disorders</i> , 2010, 24, 792-798.	3.2	40
80	Does improving mood in depressed patients alter factors that may affect cardiovascular disease risk?. <i>Journal of Psychiatric Research</i> , 2009, 43, 1246-1252.	3.1	39
81	The Mental Health Professional and the New Technologies. , 0, , .		39
82	End-Tidal pCO <sub>2</sub> in Blood Phobics During Viewing of Emotion- and Disease-Related Films. <i>Psychosomatic Medicine</i> , 2005, 67, 661-668.	2.0	38
83	Accuracy of ventilatory measurement employing ambulatory inductive plethysmography during tasks of everyday life. <i>Biological Psychology</i> , 2010, 84, 121-128.	2.2	37
84	Adverse childhood experiences and autonomic regulation in response to acute stress: the role of the sympathetic and parasympathetic nervous systems. <i>Anxiety, Stress and Coping</i> , 2017, 30, 145-154.	2.9	37
85	Neural activity during traumatic film viewing is linked to endogenous estradiol and hormonal contraception. <i>Psychoneuroendocrinology</i> , 2018, 87, 20-26.	2.7	37
86	Respiratory Pathophysiology of Panic Disorder: An Ambulatory Monitoring Study. <i>Psychosomatic Medicine</i> , 2009, 71, 869-876.	2.0	35
87	Psychophysiological characteristics of PTSD in children and adolescents: A review of the literature. <i>Journal of Traumatic Stress</i> , 2011, 24, 146-154.	1.8	35
88	Separation anxiety disorder in children: disorder-specific responses to experimental separation from the mother. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2012, 53, 178-187.	5.2	35
89	Taking a closer look: autonomic dysregulation in socially anxious children. <i>European Child and Adolescent Psychiatry</i> , 2013, 22, 631-640.	4.7	35
90	Circadian affective, cardiopulmonary, and cortisol variability in depressed and nondepressed individuals at risk for cardiovascular disease. <i>Journal of Psychiatric Research</i> , 2008, 42, 769-777.	3.1	33

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91	Attend or defend? Sex differences in behavioral, autonomic, and respiratory response patterns to emotion-eliciting films. <i>Biological Psychology</i> , 2017, 130, 30-40.	2.2	33
92	Targeting pCO <sub>2</sub> in Asthma: Pilot Evaluation of a Capnometry-Assisted Breathing Training. <i>Applied Psychophysiology Biofeedback</i> , 2007, 32, 99-109.	1.7	32
93	Ecological momentary assessment to evaluate cognitive-behavioral treatment for binge eating disorder. <i>International Journal of Eating Disorders</i> , 2009, 42, 648-657.	4.0	32
94	Change point analysis for longitudinal physiological data: Detection of cardio-respiratory changes preceding panic attacks. <i>Biological Psychology</i> , 2010, 84, 112-120.	2.2	32
95	Using minute ventilation for ambulatory estimation of additional heart rate. <i>Biological Psychology</i> , 1998, 49, 137-150.	2.2	31
96	The influence of state anxiety on the acquisition and extinction of fear. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2011, 42, 46-53.	1.2	31
97	High cardiac vagal control protects against future depressive symptoms under conditions of high social support. <i>Biological Psychology</i> , 2013, 93, 143-149.	2.2	31
98	Sex Differences in Heart Rate Responses to Script-Driven Imagery Soon After Trauma and Risk of Posttraumatic Stress Disorder. <i>Psychosomatic Medicine</i> , 2010, 72, 917-924.	2.0	30
99	Children suffering from separation anxiety disorder (SAD) show increased HPA axis activity compared to healthy controls. <i>Journal of Psychiatric Research</i> , 2011, 45, 452-459.	3.1	30
100	Criticism hurts everybody, praise only some: Common and specific neural responses to approving and disapproving social-evaluative videos. <i>NeuroImage</i> , 2016, 132, 138-147.	4.2	30
101	Respiratory, autonomic, and experiential responses to repeated inhalations of 20% CO <sub>2</sub> enriched air in panic disorder, social phobia, and healthy controls. <i>Biological Psychology</i> , 2010, 84, 104-111.	2.2	29
102	Reappraisal facilitates extinction in healthy and socially anxious individuals. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2015, 46, 141-150.	1.2	29
103	Chronic Smoking, Trait Anxiety, and the Physiological Response to Stress. <i>Substance Use and Misuse</i> , 2016, 51, 1619-1628.	1.4	29
104	Physical activity and respiratory behavior in daily life of patients with panic disorder and healthy controls. <i>International Journal of Psychophysiology</i> , 2010, 78, 42-49.	1.0	28
105	Increased high-frequency heart rate variability during insulin-induced hypoglycaemia in healthy humans. <i>Clinical Science</i> , 2004, 106, 583-588.	4.3	27
106	Do blood phobia patients hyperventilate during exposure by breathing faster, deeper, or both?. <i>Depression and Anxiety</i> , 2009, 26, E60-E67.	4.1	27
107	Distinguishing emotional from physical activation in ambulatory psychophysiological monitoring. <i>Biomedical Sciences Instrumentation</i> , 2006, 42, 458-63.	0.2	27
108	Cardiac vagal control and dynamic responses to psychological stress among patients with coronary artery disease. <i>American Journal of Cardiology</i> , 1996, 78, 1424-1427.	1.6	26

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109	Parental report of infant sleep behavior by electronic versus paper-and-pencil diaries, and their relationship to actigraphic sleep measurement. <i>Journal of Sleep Research</i> , 2011, 20, 598-605.	3.2	26
110	Exposure to social-evaluative video clips: Neural, facial-muscular, and experiential responses and the role of social anxiety. <i>Biological Psychology</i> , 2015, 110, 59-67.	2.2	26
111	A combined mindfulnessâ€“prolonged chewing intervention reduces body weight, food craving, and emotional eating.. <i>Journal of Consulting and Clinical Psychology</i> , 2019, 87, 106-111.	2.0	25
112	Combining alprazolam with systematic desensitization therapy for dental injection phobia. <i>Journal of Anxiety Disorders</i> , 2007, 21, 871-887.	3.2	24
113	Children's vagal regulatory capacity predicts attenuated sympathetic stress reactivity in a socially supportive context: Evidence for a protective effect of the vagal system. <i>Development and Psychopathology</i> , 2012, 24, 677-689.	2.3	24
114	Smartphone Based Stress Prediction. <i>Lecture Notes in Computer Science</i> , 2015, , 240-251.	1.3	24
115	Don't Praise Me, Don't Chase Me: Emotional Reactivity to Positive and Negative Social-Evaluative Videos in Patients With Borderline Personality Disorder. <i>Journal of Personality Disorders</i> , 2017, 31, 75-89.	1.4	24
116	Capturing correlation changes by applying kernel change point detection on the running correlations. <i>Information Sciences</i> , 2018, 447, 117-139.	6.9	24
117	Associations between interoceptive sensitivity, intuitive eating, and body mass index in patients with anorexia nervosa and normalâ€“weight controls. <i>European Eating Disorders Review</i> , 2019, 27, 571-577.	4.1	24
118	Recover your smile: Effects of a beauty care intervention on depressive symptoms, quality of life, and selfâ€“esteem in patients with early breast cancer. <i>Psycho-Oncology</i> , 2019, 28, 401-407.	2.3	24
119	Identifying anxiety states using broad sampling and advanced processing of peripheral physiological information. <i>Biomedical Sciences Instrumentation</i> , 2006, 42, 136-41.	0.2	24
120	Effects of lifestyle modification on the progression of coronary atherosclerosis, autonomic function, and anginaâ€“The role of GNB3 C825T polymorphism. <i>American Heart Journal</i> , 2006, 151, 870-877.	2.7	23
121	Reexperiencing Symptoms, Dissociation, and Avoidance Behaviors in Daily Life of Patients With PTSD and Patients With Panic Disorder With Agoraphobia. <i>Journal of Traumatic Stress</i> , 2013, 26, 443-450.	1.8	23
122	Peritraumatic unconditioned and conditioned responding explains sex differences in intrusions after analogue trauma. <i>Behaviour Research and Therapy</i> , 2019, 116, 19-29.	3.1	23
123	Fear acquisition and extinction deficits in amnesic mild cognitive impairment and early Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 87, 26-34.	3.1	23
124	Fight, Flight, â€“ Or Grab a Bite! Trait Emotional and Restrained Eating Style Predicts Food Cue Responding Under Negative Emotions. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 91.	2.0	23
125	Changes in pCO <sub>2</sub> , Symptoms, and Lung Function of Asthma Patients During Capnometry-assisted Breathing Training. <i>Applied Psychophysiology Biofeedback</i> , 2009, 34, 1-6.	1.7	21
126	Social-evaluative threat: Stress response stages and influences of biological sex and neuroticism. <i>Psychoneuroendocrinology</i> , 2019, 109, 104378.	2.7	21



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127	Frequency of Intrusions and Appraisal of Related Distress After Analogue Trauma: A Comparative Ecological Momentary Assessment Methods Study. <i>Cognitive Therapy and Research</i> , 2019, 43, 174-184.	1.9	21
128	Intrusive memories as conditioned responses to trauma cues: An empirically supported concept?. <i>Behaviour Research and Therapy</i> , 2021, 143, 103848.	3.1	21
129	Airway response to emotion- and disease-specific films in asthma, blood phobia, and health. <i>Psychophysiology</i> , 2011, 48, 121-135.	2.4	20
130	Gender differences in experiential and facial reactivity to approval and disapproval during emotional social interactions. <i>Frontiers in Psychology</i> , 2015, 6, 1372.	2.1	20
131	Reinstatement of fear in humans: Autonomic and experiential responses in a differential conditioning paradigm. <i>Acta Psychologica</i> , 2012, 140, 43-49.	1.5	19
132	Who gets afraid in the MRI-scanner? Neurogenetics of state-anxiety changes during an fMRI experiment. <i>Neuroscience Letters</i> , 2014, 583, 81-86.	2.1	19
133	No praise, please: Depressive symptoms, reactivity to positive social interaction, and fear of positive evaluation. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2017, 54, 186-194.	1.2	19
134	Hypoventilation Therapy Alleviates Panic by Repeated Induction of Dyspnea. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 539-545.	1.5	19
135	Sex differences in emotional concordance. <i>Biological Psychology</i> , 2020, 151, 107845.	2.2	19
136	Experiential, autonomic, and respiratory correlates of CO2 reactivity in individuals with high and low anxiety sensitivity. <i>Psychiatry Research</i> , 2013, 209, 566-573.	3.3	18
137	Blunted responses to reward in remitted post-traumatic stress disorder. <i>Brain and Behavior</i> , 2015, 5, e00357.	2.2	18
138	Psychophysiological characteristics of pediatric posttraumatic stress disorder during script-driven traumatic imagery. <i>HÅgare Utbildning</i> , 2015, 6, 25471.	3.0	18
139	Social Pavlovian conditioning: Short- and long-term effects and the role of anxiety and depressive symptoms. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 329-339.	3.0	18
140	Learning to see the threat: temporal dynamics of ERPs of motivated attention in fear conditioning. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 189-203.	3.0	18
141	Classification of locomotor activity by acceleration measurement: validation in Parkinson disease. <i>Biomedical Sciences Instrumentation</i> , 2005, 41, 329-34.	0.2	18
142	Assessment of heart rate variability during alterations in stress: complex demodulation vs. spectral analysis. <i>Biomedical Sciences Instrumentation</i> , 2005, 41, 346-51.	0.2	18
143	One-session computer-based exposure treatment for spider-fearful individuals – Efficacy of a minimal self-help intervention in a randomised controlled trial. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2011, 42, 179-184.	1.2	17
144	Cortisol administration after extinction in a fear-conditioning paradigm with traumatic film clips prevents return of fear. <i>Translational Psychiatry</i> , 2019, 9, 128.	4.8	17

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145	Acoustic Emotional Processing in Patients With Borderline Personality Disorder: Hyper- or Hyporeactivity?. <i>Journal of Personality Disorders</i> , 2015, 29, 809-827.	1.4	16
146	Quality Predictors of Abdominal Fetal Electrocardiography Recording in Antenatal Ambulatory and Bedside Settings. <i>Fetal Diagnosis and Therapy</i> , 2017, 41, 283-292.	1.4	14
147	Airway constriction in asthma during sustained emotional stimulation with films. <i>Biological Psychology</i> , 2012, 91, 8-16.	2.2	13
148	Additional support for the existence of skin conductance responses at unconditioned stimulus omission. <i>NeuroImage</i> , 2012, 63, 1404-1407.	4.2	13
149	Blood Pressure Responses to Mental Stress in Emotionally Defensive Patients With Stable Coronary Artery Disease. <i>American Journal of Cardiology</i> , 1997, 80, 343-346.	1.6	12
150	Temporal stability and coherence of anxiety, dyspnea, and physiological variables in panic disorder. <i>Biological Psychology</i> , 2010, 85, 226-232.	2.2	12
151	Responses to voluntary hyperventilation in children with separation anxiety disorder: Implications for the link to panic disorder. <i>Journal of Anxiety Disorders</i> , 2013, 27, 627-634.	3.2	12
152	Wearables and the Quantified Self: Systematic Benchmarking of Physiological Sensors. <i>Sensors</i> , 2019, 19, 4448.	3.8	12
153	Fear of negative and positive evaluation and reactivity to social-evaluative videos in social anxiety disorder. <i>Behaviour Research and Therapy</i> , 2019, 116, 140-148.	3.1	12
154	Suppressing images of desire: Neural correlates of chocolate-related thoughts in high and low trait chocolate cravers. <i>Appetite</i> , 2018, 126, 128-136.	3.7	11
155	Differential Effects of REM Sleep on Emotional Processing: Initial Evidence for Increased Short-term Emotional Responses and Reduced Long-term Intrusive Memories. <i>Behavioral Sleep Medicine</i> , 2021, 19, 83-98.	2.1	11
156	Detection of speaking with a new respiratory inductive plethysmography system. <i>Biomedical Sciences Instrumentation</i> , 2003, 39, 136-41.	0.2	11
157	Reliability of respiratory tidal volume estimation by means of ambulatory inductive plethysmography. <i>Biomedical Sciences Instrumentation</i> , 2006, 42, 193-8.	0.2	11
158	Does trait anxiety influence effects of oxytocin on eye-blink startle reactivity? A randomized, double-blind, placebo-controlled crossover study. <i>PLoS ONE</i> , 2018, 13, e0190809.	2.5	10
159	The Role of the Subgenual Anterior Cingulate Cortex and Amygdala in Environmental Sensitivity to Infant Crying. <i>PLoS ONE</i> , 2016, 11, e0161181.	2.5	10
160	Adaptive and wavelet filtering methods for improving accuracy of respiratory measurement. <i>Biomedical Sciences Instrumentation</i> , 2005, 41, 37-42.	0.2	10
161	Neuroscientific evidence for pain being a classically conditioned response to trauma- and pain-related cues in humans. <i>Pain</i> , 2022, Publish Ahead of Print, .	4.2	10
162	Peritraumatic Neural Processing and Intrusive Memories: The Role of Lifetime Adversity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 381-389.	1.5	9

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163	Procedural memory consolidation is associated with heart rate variability and sleep spindles. <i>Journal of Sleep Research</i> , 2020, 29, e12910.	3.2	9
164	Cognitive Vulnerability in the Context of Panic: Assessment of Panic-Related Associations and Interpretations in Individuals with Varying Levels of Anxiety Sensitivity. <i>Cognitive Therapy and Research</i> , 2020, 44, 858-873.	1.9	9
165	Trusting computerized data reduction too much: a critique of Anderson's ambulatory respiratory monitor. <i>Biological Psychology</i> , 1998, 49, 215-219.	2.2	8
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