

A continuous measure of phasic electrodermal activity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The effect of mental stress on psychophysiological parameters. , 2011, , .		15
2	Physiological correlates and emotional specificity of human piloerection. Biological Psychology, 2011, 86, 320-329.	2.2	170
3	Emotional Intelligence and Electro-Dermal Activity. Applied Psychophysiology Biofeedback, 2012, 37, 181-185.	1.7	8
4	Empathic behavioral and physiological responses to dynamic stimuli in depression. Psychiatry Research, 2012, 200, 294-305.	3.3	67
5	Opening the "black box" of electrodermal activity in consumer neuroscience research.. Journal of Neuroscience, Psychology, and Economics, 2012, 5, 238-249.	1.0	42
6	On the deconvolution analysis of electrodermal activity in bipolar patients. , 2012, 2012, 6691-4.		37
7	Functional Neuroimaging in Exercise and Sport Sciences. , 2012, , .		17
8	Assessing Somatosensory Profiles and Autonomic Nervous System Responses in Physical Exercise Studies. , 2012, , 155-168.		0
9	Emotional sweating across the body: Comparing 16 different skin conductance measurement locations. Physiology and Behavior, 2012, 106, 298-304.	2.1	271
10	Social motivation in individuals with isolated cleft lip and palate. Journal of Clinical and Experimental Neuropsychology, 2013, 35, 489-500.	1.3	11
11	Metrological evaluation of skin conductance measurements. Measurement: Journal of the International Measurement Confederation, 2013, 46, 2993-3001.	5.0	35
12	Empathic competencies in violent offenders. Psychiatry Research, 2013, 210, 1168-1175.	3.3	59
13	Waveform difference between skin conductance and skin potential responses in relation to electrical and evaporative properties of skin. Psychophysiology, 2013, 50, 1070-1078.	2.4	30
14	La señal electrodermica mediante Sociograph: metodologÃa para medir la actividad grupal. Revista De Psicología Social, 2013, 28, 333-347.	0.7	27
15	An Experimental Study on Emotional Reactions Towards a Robot. International Journal of Social Robotics, 2013, 5, 17-34.	4.6	201
16	An improved algorithm for model-based analysis of evoked skin conductance responses. Biological Psychology, 2013, 94, 490-497.	2.2	104
18	Psychophysiological evidence for the genuineness of swimming-style colour synaesthesia. Consciousness and Cognition, 2013, 22, 35-46.	1.5	25
19	Model-based analysis of skin conductance responses: Towards causal models in psychophysiology. Psychophysiology, 2013, 50, 15-22.	2.4	107

#	ARTICLE	IF	CITATIONS
20	The neural basis of cognitive change: Reappraisal of emotional faces modulates neural source activity in a frontoparietal attention network. <i>NeuroImage</i> , 2013, 81, 15-25.	4.2	47
21	A risk variant for alcoholism in the NMDA receptor affects amygdala activity during fear conditioning in humans. <i>Biological Psychology</i> , 2013, 94, 74-81.	2.2	19
22	Error detection and error memory in spatial navigation as reflected by electrodermal activity. <i>Cognitive Processing</i> , 2013, 14, 377-389.	1.4	2
23	Physiological Responses to Events during Training. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 2101-2105.	0.3	18
24	Auditory and Visual Aversive Stimuli Modulate the Conscious Experience of Fear. <i>Multisensory Research</i> , 2013, 26, 347-370.	1.1	13
25	Differentiation of cerebral representation of occlusion and swallowing with fMRI. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G847-G854.	3.4	24
26	Pain increases motivational drive to obtain reward, but does not affect associated hedonic responses: A behavioural study in healthy volunteers. <i>European Journal of Pain</i> , 2013, 17, 1093-1103.	2.8	42
27	Importation de la théorie de l'évaluation cognitive et dynamique des processus émotionnels: illustration par la mesure de l'activité du système nerveux autonome. <i>Management & Avenir</i> , 2013, N° 62, 171-187.	0.5	2
28	Neural correlates of the behavioral-autonomic interaction response to potentially threatening stimuli. <i>Frontiers in Human Neuroscience</i> , 2013, 6, 349.	2.0	19
29	Neural activity during free association to conflict-related sentences. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 705.	2.0	26
30	Deficient fear conditioning in psychopathy as a function of interpersonal and affective disturbances. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 706.	2.0	40
31	Psychophysiological Methods to Evaluate User's Response in Human Robot Interaction: A Review and Feasibility Study. <i>Robotics</i> , 2013, 2, 92-121.	3.5	30
32	Habituation of parasympathetic-mediated heart rate responses to recurring acoustic startle. <i>Frontiers in Psychology</i> , 2014, 5, 1288.	2.1	13
33	Inference of human affective states from psychophysiological measurements extracted under ecologically valid conditions. <i>Frontiers in Neuroscience</i> , 2014, 8, 286.	2.8	28
34	Psychophysiology of prospective memory. <i>Memory</i> , 2014, 22, 867-880.	1.7	9
35	A pattern recognition approach based on electrodermal response for pathological mood identification in bipolar disorders. , 2014, , .		14
36	A head-to-head comparison of SCRalyze and Ledalab, two model-based methods for skin conductance analysis. <i>Biological Psychology</i> , 2014, 103, 63-68.	2.2	80
37	Fear Processing in Dental Phobia during Crossmodal Symptom Provocation: An fMRI Study. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	26

#	ARTICLE	IF	CITATIONS
38	Electrodermal Activity in Bipolar Patients during Affective Elicitation. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1865-1873.	6.3	77
39	Predicting arousal with machine learning of EEG signals. , 2014, , .		5
40	Automatic Stress Classification With Pupil Diameter Analysis. International Journal of Human-Computer Interaction, 2014, 30, 220-236.	4.8	127
41	Transcranial direct current stimulation of the prefrontal cortex. NeuroReport, 2014, 25, 480-484.	1.2	54
42	Exploratory Quantum Resonance Spectrometer as a Discriminator for Psychiatric Affective Disorders. Journal of Nervous and Mental Disease, 2014, 202, 287-291.	1.0	4
43	Change in electrodermal activity after acute tryptophan depletion associated with aggression in young people with attention deficit hyperactivity disorder (ADHD). Journal of Neural Transmission, 2014, 121, 451-455.	2.8	16
44	Hemodynamic and affective correlates assessed during performance on the Columbia Card Task (CCT). Brain Imaging and Behavior, 2014, 8, 517-530.	2.1	15
45	Design and preliminary affective characterization of a novel fabric-based tactile display. , 2014, , .		33
46	Sympathetic nerve activity can be estimated from skin conductance responses â€” A comment on Henderson et al. (2012). NeuroImage, 2014, 84, 122-123.	4.2	19
47	Transcranial Direct Current Stimulation Enhances Cognitive Control During Emotion Regulation. Brain Stimulation, 2014, 7, 105-112.	1.6	165
48	Delayed system response times affect immediate physiology and the dynamics of subsequent button press behavior. Psychophysiology, 2014, 51, 1178-1184.	2.4	16
49	Contribution of Neurophysiological Endophenotype, Individual Frequency of EEG Alpha Oscillations, to Mechanisms of Emotional Reactivity. Bulletin of Experimental Biology and Medicine, 2014, 156, 711-716.	0.8	4
50	Physiological and behavioral signatures of reflective exploratory choice. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 1167-1183.	2.0	20
51	Autonomic responses to correct outcomes and interaction errors during single-switch scanning among children with severe spastic quadriplegic cerebral palsy. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 34.	4.6	8
52	Development and validation of an unsupervised scoring system (Autonomate) for skin conductance response analysis. International Journal of Psychophysiology, 2014, 91, 186-193.	1.0	64
53	Talking about social conflict in the MRI scanner: Neural correlates of being empathized with. NeuroImage, 2014, 84, 951-961.	4.2	28
54	Assessing Affective and Deliberative Decision-Making: Adaptation of the Columbia Card Task to Brazilian Portuguese. Spanish Journal of Psychology, 2015, 18, E89.	2.1	7
55	To rank or to classify? Annotating stress for reliable PTSD profiling. , 2015, , .		14

#	ARTICLE	IF	CITATIONS
56	Atypical sympathetic arousal in children with autism spectrum disorder and its association with anxiety symptomatology. <i>Molecular Autism</i> , 2015, 6, 64.	4.9	51
57	Expertise in video game playing is associated with reduced valence-concordant emotional expressivity. <i>Psychophysiology</i> , 2015, 52, 59-66.	2.4	7
58	Sex differences in cognitive regulation of psychosocial achievement stress: Brain and behavior. <i>Human Brain Mapping</i> , 2015, 36, 1028-1042.	3.6	84
59	Doubling Your Payoff: Winning Pain Relief Engages Endogenous Pain Inhibition. <i>ENeuro</i> , 2015, 2, ENEURO.0029-15.2015.	1.9	11
60	A indu��o afetiva em cen�rios de realidade virtual: avalia��o da sensa��o de presen�a. <i>Psicologia Clinica</i> , 2015, 27, 139-160.	0.1	4
61	The framing effect and skin conductance responses. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 188.	2.0	9
62	Baseline and Strategic Effects behind Mindful Emotion Regulation: Behavioral and Physiological Investigation. <i>PLoS ONE</i> , 2015, 10, e0116541.	2.5	26
63	The Neural Correlates of Emotion Regulation by Implementation Intentions. <i>PLoS ONE</i> , 2015, 10, e0119500.	2.5	102
64	Sensitivity towards Fear of Electric Shock in Passive Threat Situations. <i>PLoS ONE</i> , 2015, 10, e0120989.	2.5	9
65	Fear Conditioning Induced by Interpersonal Conflicts in Healthy Individuals. <i>PLoS ONE</i> , 2015, 10, e0125729.	2.5	5
66	Stop Saying That It Is Wrong! Psychophysiological, Cognitive, and Metacognitive Markers of Children's Sensitivity to Punishment. <i>PLoS ONE</i> , 2015, 10, e0133683.	2.5	1
67	Electroencephalographic Correlates of Sensorimotor Integration and Embodiment during the Appreciation of Virtual Architectural Environments. <i>Frontiers in Psychology</i> , 2015, 6, 1944.	2.1	57
68	A Methodology for Introducing Competitive Anxiety and Pressure in VR Sports Training. <i>Frontiers in Robotics and AI</i> , 2015, 2, .	3.2	26
69	Animals may act as social buffers: Skin conductance arousal in children with autism spectrum disorder in a social context. <i>Developmental Psychobiology</i> , 2015, 57, 584-595.	1.6	74
70	Bursts of transcranial electrical stimulation increase arousal in a continuous performance test. <i>Neuropsychologia</i> , 2015, 74, 127-136.	1.6	15
71	Psychophysiological responses to virtual crowds: Implications for wearable computing. , 2015, , .		6
72	Electrodermal activity analysis during affective haptic elicitation. , 2015, 2015, 5777-80.		13
73	Feasibility of an electrodermal activity ring prototype as a research tool. , 2015, 2015, 6433-6.		23

#	ARTICLE	IF	CITATIONS
74	Positive modulation of a neutral declarative memory by a threatening social event. <i>Neurobiology of Learning and Memory</i> , 2015, 126, 56-66.	1.9	3
75	Model- based filtering for artifact and noise suppression with state estimation for electrodermal activity measurements in real time. , 2015, 2015, 2750-3.		12
76	Wavelet-based motion artifact removal for electrodermal activity. , 2015, 2015, 6223-6.		20
77	How the Autonomic Nervous System and Driving Style Change With Incremental Stressing Conditions During Simulated Driving. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015, 16, 1505-1517.	8.0	101
78	Using wearable sensors for semiology-independent seizure detection - towards ambulatory monitoring of epilepsy. , 2015, 2015, 5593-6.		18
79	Impact of COMT Val158Met polymorphism on appetitive conditioning and amygdala/prefrontal effective connectivity. <i>Human Brain Mapping</i> , 2015, 36, 1093-1101.	3.6	35
80	Attentional focus during exposure in spider phobia: The role of Schematic versus non-schematic imagery. <i>Behaviour Research and Therapy</i> , 2015, 65, 86-92.	3.1	7
81	Sparse Representation of Electrodermal Activity With Knowledge-Driven Dictionaries. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 960-971.	4.2	42
82	Biofeedback-based self-alert training reduces alpha activity and stabilizes accuracy in the Sustained Attention to Response Task. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 16-26.	1.3	7
83	Neural substrates underlying the tendency to accept anger-infused ultimatum offers during dynamic social interactions. <i>NeuroImage</i> , 2015, 120, 400-411.	4.2	60
84	Fear conditioning and extinction in anxiety- and depression-prone persons. <i>Memory</i> , 2015, 23, 350-364.	1.7	51
85	Neural representation of swallowing is retained with age. A functional neuroimaging study validated by classical and Bayesian inference. <i>Behavioural Brain Research</i> , 2015, 286, 308-317.	2.2	15
86	Blended Emotion Detection for Decision Support. <i>IEEE Transactions on Human-Machine Systems</i> , 2015, 45, 510-517.	3.5	19
87	Using affective and behavioural sensors to explore aspects of collaborative music making. <i>International Journal of Human Computer Studies</i> , 2015, 82, 31-47.	5.6	14
88	Contextual fear conditioning in humans using feature-identical contexts. <i>Neurobiology of Learning and Memory</i> , 2015, 121, 1-11.	1.9	27
89	Neural Mechanisms of Placebo Anxiolysis. <i>Journal of Neuroscience</i> , 2015, 35, 7365-7373.	3.6	38
90	Susceptibility to social pressure following ventromedial prefrontal cortex damage. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1469-1476.	3.0	6
91	Altered moral decision-making in patients with idiopathic Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1191-1199.	2.2	28

#	ARTICLE	IF	CITATIONS
92	Optimising a model-based approach to inferring fear learning from skin conductance responses. Journal of Neuroscience Methods, 2015, 255, 131-138.	2.5	62
93	Affective Empathy Differs in Male Violent Offenders With High- and Low-Trait Psychopathy. Journal of Personality Disorders, 2015, 29, 42-61.	1.4	38
94	Paths from Mother-Child and Father-Child Relationships to Externalizing Behavior Problems in Children Differing in Electrodermal Reactivity: a Longitudinal Study from Infancy to Age 10. Journal of Abnormal Child Psychology, 2015, 43, 721-734.	3.5	43
95	The neural correlates of emotion alignment in social interaction. Social Cognitive and Affective Neuroscience, 2015, 10, 435-443.	3.0	10
96	Metrological traceability of a system for measuring electrodermal activity. Measurement: Journal of the International Measurement Confederation, 2015, 59, 192-197.	5.0	9
97	Skin Admittance Measurement for Emotion Recognition: A Study over Frequency Sweep. Electronics (Switzerland), 2016, 5, 46.	3.1	34
98	Phasic Electrodermal Activity During the Standardized Assessment of Concussion (SAC). Journal of Athletic Training, 2016, 51, 533-539.	1.8	1
99	Interference Conditions of the Reconsolidation Process in Humans: The Role of Valence and Different Memory Systems. Frontiers in Human Neuroscience, 2016, 10, 641.	2.0	15
100	No Effect of Cathodal Transcranial Direct Current Stimulation on Fear Memory in Healthy Human Subjects. Brain Sciences, 2016, 6, 55.	2.3	25
101	Multi-Sensor Based State Prediction for Personal Mobility Vehicles. PLoS ONE, 2016, 11, e0162593.	2.5	21
102	Effect of Frustration on Brain Activation Pattern in Subjects with Different Temperament. Frontiers in Psychology, 2015, 6, 1989.	2.1	22
103	Interviewing Suspects with Avatars: Avatars Are More Effective When Perceived as Human. Frontiers in Psychology, 2016, 7, 545.	2.1	6
104	Being Moved by Unfamiliar Sad Music Is Associated with High Empathy. Frontiers in Psychology, 2016, 7, 1176.	2.1	81
105	Identifying Urban Mobility Challenges for the Visually Impaired with Mobile Monitoring of Multimodal Biosignals. Lecture Notes in Computer Science, 2016, , 616-627.	1.3	11
106	Universal Access in Human-Computer Interaction. Users and Context Diversity. Lecture Notes in Computer Science, 2016, , .	1.3	3
107	Neural representation of emotion regulation goals. Human Brain Mapping, 2016, 37, 600-620.	3.6	63
108	Alterations in electrodermal activity and cardiac parasympathetic tone during hypnosis. Psychophysiology, 2016, 53, 268-277.	2.4	34
109	Exploring multimodal biosignal features for stress detection during indoor mobility. , 2016, , .		39

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110	Real-Time Sensing of Trust in Human-Machine Interactions**This material is based upon work supported by the National Science Foundation under Award No. 1548616. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.. IFAC-PapersOnLine, 2016, 49, 48-53.	0.9	49
111	A comparison of wearable and stationary sensors for stress detection. , 2016, , .		87
113	Investigating mechanical properties of a fabric-based affective haptic display through electrodermal activity analysis. , 2016, 2016, 407-410.		1
114	Concert halls with strong and lateral sound increase the emotional impact of orchestra music. Journal of the Acoustical Society of America, 2016, 139, 1214-1224.	1.1	26
115	A pilot study on the neurometric evaluation of “effective” and “ineffective” antismoking public service announcements. , 2016, 2016, 4597-4600.		15
116	Towards a novel generation of haptic and robotic interfaces: Integrating affective physiology in human-robot interaction. , 2016, , .		8
117	Seeing pain and pleasure on self and others: behavioral and psychophysiological reactivity in immersive virtual reality. Journal of Neurophysiology, 2016, 116, 2656-2662.	1.8	64
118	Catching a Deceiver in the Act: Processes Underlying Deception in an Interactive Interview Setting. Applied Psychophysiology Biofeedback, 2016, 41, 349-362.	1.7	10
119	ReBreathe: A Calibration Protocol that Improves Stress/Relax Classification by Relabeling Deep Breathing Relaxation Exercises. IEEE Transactions on Affective Computing, 2016, 7, 150-161.	8.3	14
120	Dominant hemisphere lateralization of cortical parasympathetic control as revealed by frontotemporal dementia. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2430-9.	7.1	105
121	No evidence for blocking the return of fear by disrupting reconsolidation prior to extinction learning. Cortex, 2016, 79, 112-122.	2.4	43
122	Power Spectral Density Analysis of Electrodermal Activity for Sympathetic Function Assessment. Annals of Biomedical Engineering, 2016, 44, 3124-3135.	2.5	131
123	Perceived control alters the effect of acute stress on persistence.. Journal of Experimental Psychology: General, 2016, 145, 356-365.	2.1	36
124	Do visual cues intensify the emotional responses evoked by musical performance? A psychophysiological investigation.. Psychomusicology: Music, Mind and Brain, 2016, 26, 179-188.	0.3	18
125	MuDERI: Multimodal Database for Emotion Recognition Among Intellectually Disabled Individuals. Lecture Notes in Computer Science, 2016, , 264-273.	1.3	2
126	Smart environment architecture for emotion detection and regulation. Journal of Biomedical Informatics, 2016, 64, 55-73.	4.3	112
127	Probing the influence of unconscious fear-conditioned visual stimuli on eye movements. Consciousness and Cognition, 2016, 46, 60-70.	1.5	5
128	Deficient fear extinction memory in posttraumatic stress disorder. Neurobiology of Learning and Memory, 2016, 136, 116-126.	1.9	86

#	ARTICLE	IF	CITATIONS
129	Neuroeconomics. Studies in Neuroscience, Psychology and Behavioral Economics, 2016, , .	0.3	10
130	Affective Arousal During Blaming in Couple Therapy: Combining Analyses of Verbal Discourse and Physiological Responses in Two Case Studies. Contemporary Family Therapy, 2016, 38, 373-384.	1.3	20
131	Skin Conductance Measures in Neuroeconomic Research. Studies in Neuroscience, Psychology and Behavioral Economics, 2016, , 345-357.	0.3	2
132	Towards Biometric Assessment of Audience Affect. , 2016, , .		1
133	Neurological damage disrupts normal sex differences in psychophysiological responsiveness to music. Psychophysiology, 2016, 53, 14-20.	2.4	7
134	Forceâ€“Velocity Assessment of Caress-Like Stimuli Through the Electrodermal Activity Processing: Advantages of a Convex Optimization Approach. IEEE Transactions on Human-Machine Systems, 2016, , 1-10.	3.5	16
135	Quantifying audience experience in the wild: Heuristics for developing and deploying a biosensor infrastructure in theaters. , 2016, , .		6
136	Embodied neurofeedback with an anthropomorphic robotic hand. Scientific Reports, 2016, 6, 37696.	3.3	39
137	Advances in Electrodermal Activity Processing with Applications for Mental Health. , 2016, , .		44
138	Automated Functional and Behavioral Health Assessment of Older Adults with Dementia. , 2016, , .		30
139	Pain by Association? Experimental Modulation of Human Pain Thresholds Using Classical Conditioning. Journal of Pain, 2016, 17, 1105-1115.	1.4	32
140	Emotional reactivity monitoring using electrodermal activity analysis in individuals with suicidal behaviors. , 2016, , .		6
141	Investigation of electrophysiological features during mental workload paradigm. , 2016, , .		0
142	Conceptual and direct replications fail to support the stake-likelihood hypothesis as an explanation for the interdependence of utility and likelihood judgments.. Journal of Experimental Psychology: General, 2016, 145, e13-e26.	2.1	7
143	Modulation of fear extinction processes using transcranial electrical stimulation. Translational Psychiatry, 2016, 6, e913-e913.	4.8	62
144	Extracting relevance and affect information from physiological text annotation. User Modeling and User-Adapted Interaction, 2016, 26, 493-520.	3.8	20
145	Psychophysiology in Games. A Practical Guide To Sentiment Analysis, 2016, , 119-137.	0.3	17
146	The Psychophysiology Primer: A Guide to Methods and a Broad Review with a Focus on Humanâ€“Computer Interaction. Foundations and Trends in Human-Computer Interaction, 2016, 9, 151-308.	2.9	76

#	ARTICLE	IF	CITATIONS
147	Gender-specific automatic valence recognition of affective olfactory stimulation through the analysis of the electrodermal activity. , 2016, 2016, 399-402.		4
148	Emotion in Games. A Practical Guide To Sentiment Analysis, 2016, , .	0.3	23
149	An efficient automatic workload estimation method based on electrodermal activity using pattern classifier combinations. International Journal of Psychophysiology, 2016, 110, 91-101.	1.0	29
150	Online Affect Tracking with Multimodal Kalman Filters. , 2016, , .		13
151	Dictionary learning and sparse recovery for electrodermal activity analysis. Proceedings of SPIE, 2016, , .	0.8	1
152	Predicting Learning from Student Affective Response to Tutor Questions. Lecture Notes in Computer Science, 2016, , 154-164.	1.3	41
153	Frequency-domain electrodermal activity index of sympathetic function. , 2016, , .		5
155	Emotional responses to irony and emoticons in written language: Evidence from EDA and facial EMG. Psychophysiology, 2016, 53, 1054-1062.	2.4	61
156	Changes in Effective Connectivity Between Dorsal and Ventral Prefrontal Regions Moderate Emotion Regulation. Cerebral Cortex, 2016, 26, 1923-1937.	2.9	112
157	Size and Viewpoint of an Embodied Virtual Body Affect the Processing of Painful Stimuli. Journal of Pain, 2016, 17, 350-358.	1.4	41
158	The Mask of Sanity: Facial Expressive, Self-Reported, and Physiological Consequences of Emotion Regulation in Psychopathic Offenders. Journal of Personality Disorders, 2016, 30, 828-S8.	1.4	9
159	The arousing power of everyday materials: an analysis of the physiological and behavioral responses to visually and tactually presented textures. Experimental Brain Research, 2016, 234, 1659-1666.	1.5	12
160	cvxEDA: a Convex Optimization Approach to Electrodermal Activity Processing. IEEE Transactions on Biomedical Engineering, 2016, 63, 1-1.	4.2	253
161	24-channel transcutaneous electrical sensory stimulation of the forearm: Effects on cognitive performance and autonomic arousal compared with single-electrode stimulation. Cogent Medicine, 2016, 3, 1149992.	0.7	0
162	Altered Appetitive Conditioning and Neural Connectivity in Subjects with Compulsive Sexual Behavior. Journal of Sexual Medicine, 2016, 13, 627-636.	0.6	70
163	The dynamic nature of the reconsolidation process and its boundary conditions: Evidence based on human tests. Neurobiology of Learning and Memory, 2016, 130, 202-212.	1.9	26
164	Psychophysiological reactivity during uncertainty and ambiguity processing in high and low worriers. Journal of Behavior Therapy and Experimental Psychiatry, 2016, 50, 97-105.	1.2	13
165	Brain morphology correlates of interindividual differences in conditioned fear acquisition and extinction learning. Brain Structure and Function, 2016, 221, 1927-1937.	2.3	24

#	ARTICLE	IF	CITATIONS
166	Effects of prefrontal rTMS on autonomic reactions to affective pictures. Journal of Neural Transmission, 2017, 124, 139-152.	2.8	17
167	Stress in interactive applications: analysis of the valence-arousal space based on physiological signals and self-reported data. Multimedia Tools and Applications, 2017, 76, 5051-5071.	3.9	20
168	Cooperation Induces an Increase in Emotional Response, as Measured by Electrodermal Activity and Mood. Current Psychology, 2017, 36, 366-375.	2.8	9
169	Physiological responses associated with cultural attachment. Behavioural Brain Research, 2017, 325, 214-222.	2.2	13
170	Effects of Acute Stress on Decision Making. Applied Psychophysiology Biofeedback, 2017, 42, 1-12.	1.7	81
171	The effects of cervical sustained natural apophyseal glides on neck range of movement and sympathetic nervous system activity. International Journal of Osteopathic Medicine, 2017, 25, 15-20.	1.0	5
172	Donâ€™t fear â€˜fear conditioningâ€™: Methodological considerations for the design and analysis of studies on human fear acquisition, extinction, and return of fear. Neuroscience and Biobehavioral Reviews, 2017, 77, 247-285.	6.1	543
173	Skin Conductance as an <i>In Situ</i> Marker for Emotional Arousal in Children with Neurodevelopmental Communication Impairments. ACM Transactions on Accessible Computing, 2017, 9, 1-29.	2.4	21
174	Attentional focus during exposure in spider phobia: The effect of valence and schematicity of a partial distractor. Behaviour Research and Therapy, 2017, 93, 104-115.	3.1	1
175	Symbiotic Interaction. Lecture Notes in Computer Science, 2017, , .	1.3	5
176	Mood congruent tuning of reward expectation in positive mood: evidence from FRN and theta modulations. Social Cognitive and Affective Neuroscience, 2017, 12, 765-774.	3.0	38
177	Exploring the effect of vibrotactile feedback through the floor on social presence in an immersive virtual environment. , 2017, , .		19
178	A cascade from disregard for rules of conduct at preschool age to parental power assertion at early school age to antisocial behavior in early preadolescence: Interplay with the child's skin conductance level. Development and Psychopathology, 2017, 29, 875-885.	2.3	11
179	Artifact detection in electrodermal activity using sparse recovery. Proceedings of SPIE, 2017, , .	0.8	7
180	Oxytocin differentially modulates pavlovian cue and context fear acquisition. Social Cognitive and Affective Neuroscience, 2017, 12, 976-983.	3.0	9
181	Sensing and Mining Urban Qualities in Smart Cities. , 2017, , .		9
182	Measuring Neural, Physiological and Behavioral Effects of Frustration. IFMBE Proceedings, 2017, , 43-46.	0.3	2
183	The emotional power of poetry: neural circuitry, psychophysiology and compositional principles. Social Cognitive and Affective Neuroscience, 2017, 12, 1229-1240.	3.0	171

#	ARTICLE	IF	CITATIONS
184	An assessment of the autonomic nervous system in the electrosensitive population: a heart rate variability and skin conductance study. <i>Journal of Applied Physiology</i> , 2017, 123, 1055-1062.	2.5	17
185	Electrodermal responses during appetitive conditioning are sensitive to contingency instruction ambiguity. <i>International Journal of Psychophysiology</i> , 2017, 118, 40-47.	1.0	6
186	Combining D-cycloserine with appetitive extinction learning modulates amygdala activity during recall. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 209-217.	1.9	13
187	Keep the Stress Away with SoDA: Stress Detection and Alleviation System. <i>IEEE Transactions on Multi-Scale Computing Systems</i> , 2017, 3, 269-282.	2.4	97
188	Social, proximal and conditioned threat. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 236-243.	1.9	14
190	Neurophysiological responses during cooking food associated with different emotions. <i>Food Quality and Preference</i> , 2017, 62, 307-316.	4.6	33
191	Improving carbon offsetting appeals in online airplane ticket purchasing: testing new messages, and using new test methods. <i>Journal of Sustainable Tourism</i> , 2017, 25, 955-969.	9.2	56
192	Effective amygdala-prefrontal connectivity predicts individual differences in successful emotion regulation. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 569-585.	3.0	138
193	Comparison between the AC and DC measurement of electrodermal activity. <i>Psychophysiology</i> , 2017, 54, 374-385.	2.4	17
194	Neural correlates of pupil dilation during human fear learning. <i>NeuroImage</i> , 2017, 147, 186-197.	4.2	51
195	Affective feedback in a virtual reality based intelligent supermarket. , 2017, , .		12
196	Deep Structures of Collaboration. , 2017, , .		60
197	Electroencephalographic, Heart Rate, and Galvanic Skin Response Assessment for an Advertising Perception Study: Application to Antismoking Public Service Announcements. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	49
198	Altered appetitive conditioning in overweight and obese women. <i>Behaviour Research and Therapy</i> , 2017, 99, 78-88.	3.1	19
199	The Acquisition and Extinction of Fear of Painful Touch: A Novel Tactile Fear Conditioning Paradigm. <i>Journal of Pain</i> , 2017, 18, 1505-1516.	1.4	9
200	Following the viewers: Investigating television drama engagement through skin conductance measurements. <i>Poetics</i> , 2017, 64, 1-13.	1.3	11
201	Racing Heart and Sweaty Palms. <i>Lecture Notes in Computer Science</i> , 2017, , 83-86.	1.3	4
202	Gender, electrodermal activity, and videogames: Adding a psychophysiological dimension to sociolinguistic methods. <i>Journal of Sociolinguistics</i> , 2017, 21, 547-575.	1.2	4

#	ARTICLE	IF	CITATIONS
203	Continuous coloured light altered human brain haemodynamics and oxygenation assessed by systemic physiology augmented functional near-infrared spectroscopy. Scientific Reports, 2017, 7, 10027.	3.3	29
204	Emotional Beasts. , 2017, , .		43
205	Exposure to and recall of violence reduce short-term memory and cognitive control. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8505-8510.	7.1	24
206	Psychological and physiological human responses to simulated and real environments: A comparison between Photographs, 360° Panoramas, and Virtual Reality. Applied Ergonomics, 2017, 65, 398-409.	3.1	180
207	Development of the Tailored Rett Intervention and Assessment Longitudinal (TRIAL) database and the Rett Evaluation of Symptoms and Treatments (REST) Questionnaire. BMJ Open, 2017, 7, e015342.	1.9	11
208	Don't sweat it: Re-examining the somatic marker hypothesis using variants of the Balloon Analogue Risk Task.. Decision, 2017, 4, 52-65.	0.5	16
209	Scrutinizing the Emotional Nature of Intuitive Coherence Judgments. Journal of Behavioral Decision Making, 2017, 30, 693-707.	1.7	6
210	Arousal and Valence Recognition of Affective Sounds Based on Electrodermal Activity. IEEE Sensors Journal, 2017, 17, 716-725.	4.7	75
211	Go for broke: The role of somatic states when asked to lose in the Iowa Gambling Task. Biological Psychology, 2017, 123, 286-293.	2.2	8
212	Neural correlates of appetitive extinction in humans. Social Cognitive and Affective Neuroscience, 2017, 12, 106-115.	3.0	24
213	Stress Detection Using Wearable Physiological and Sociometric Sensors. International Journal of Neural Systems, 2017, 27, 1650041.	5.2	132
214	Using Biometric Data to Assess Affective Response to Media Experiences. Advances in Intelligent Systems and Computing, 2017, , 471-480.	0.6	0
215	Modulatory effects of happy mood on performance monitoring: Insights from error-related brain potentials. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 106-123.	2.0	22
216	Muscle fatigue assessment through electrodermal activity analysis during isometric contraction. , 2017, 2017, 398-401.		4
217	RankTrace: Relative and unbounded affect annotation. , 2017, , .		39
218	Towards general models of player affect. , 2017, , .		26
219	An exploratory study of population differences based on massive database of physiological responses to music. , 2017, , .		4
220	A device for measuring skin resistance designed for emotional measurement. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
221	Sleep Deprivation in Young and Healthy Subjects Is More Sensitively Identified by Higher Frequencies of Electrodermal Activity than by Skin Conductance Level Evaluated in the Time Domain. <i>Frontiers in Physiology</i> , 2017, 8, 409.	2.8	21
222	Tears Falling on Goosebumps: Co-occurrence of Emotional Lacrimation and Emotional Piloerection Indicates a Psychophysiological Climax in Emotional Arousal. <i>Frontiers in Psychology</i> , 2017, 8, 41.	2.1	58
223	The Influence of State Anxiety on Fear Discrimination and Extinction in Females. <i>Frontiers in Psychology</i> , 2017, 08, 347.	2.1	12
224	Pitch Syntax Violations Are Linked to Greater Skin Conductance Changes, Relative to Timbral Violations – The Predictive Role of the Reward System in Perspective of Cortico-subcortical Loops. <i>Frontiers in Psychology</i> , 2017, 8, 586.	2.1	8
225	The Orienting Response in Healthy Aging: Novelty P3 Indicates No General Decline but Reduced Efficacy for Fast Stimulation Rates. <i>Frontiers in Psychology</i> , 2017, 8, 1780.	2.1	16
226	State of the Art of Interpersonal Physiology in Psychotherapy: A Systematic Review. <i>Frontiers in Psychology</i> , 2017, 8, 2053.	2.1	55
227	Electrodermal Activity Sensor for Classification of Calm/Distress Condition. <i>Sensors</i> , 2017, 17, 2324.	3.8	131
228	Non-invasive Vagal Nerve Stimulation Effects on Hyperarousal and Autonomic State in Patients with Posttraumatic Stress Disorder and History of Mild Traumatic Brain Injury: Preliminary Evidence. <i>Frontiers in Medicine</i> , 2017, 4, 124.	2.6	59
229	The Role of Left Hemispheric Structures for Emotional Processing as a Monitor of Bodily Reaction and Felt Chill – a Case-Control Functional Imaging Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 670.	2.0	6
230	Independent Component Analysis and Source Localization on Mobile EEG Data Can Identify Increased Levels of Acute Stress. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 310.	2.0	15
231	Detection of Stress Levels from Biosignals Measured in Virtual Reality Environments Using a Kernel-Based Extreme Learning Machine. <i>Sensors</i> , 2017, 17, 2435.	3.8	103
232	Cortisol increases the return of fear by strengthening amygdala signaling in men. <i>Psychoneuroendocrinology</i> , 2018, 91, 79-85.	2.7	26
233	Biosignals reflect pair-dynamics in collaborative work: EDA and ECG study of pair-programming in a classroom environment. <i>Scientific Reports</i> , 2018, 8, 3138.	3.3	45
234	Turning negative memories around: Contingency versus devaluation techniques. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2018, 60, 5-12.	1.2	17
235	Evaluation of an Integrated System of Wearable Physiological Sensors for Stress Monitoring in Working Environments by Using Biological Markers. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1748-1758.	4.2	105
236	Sympathetic nervous system activity measured by skin conductance quantifies the challenge of walking adaptability tasks after stroke. <i>Gait and Posture</i> , 2018, 60, 148-153.	1.4	16
237	Altered reward learning and hippocampal connectivity following psychosocial stress. <i>NeuroImage</i> , 2018, 171, 15-25.	4.2	32
238	Stroking and tapping the skin: behavioral and electrodermal effects. <i>Experimental Brain Research</i> , 2018, 236, 453-461.	1.5	17

#	ARTICLE	IF	CITATIONS
239	Neural correlates of subjective <scp>CS/UCS</scp> association in appetitive conditioning. Human Brain Mapping, 2018, 39, 1637-1646.	3.6	15
240	The effects of indoor plants and artificial windows in an underground environment. Building and Environment, 2018, 138, 53-62.	6.9	63
241	Exploring electrodermal activity in water-immersed subjects. , 2018, , .		0
242	Feature Extraction of Galvanic Skin Responses by Nonnegative Sparse Deconvolution. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1385-1394.	6.3	43
243	BioPad: Leveraging off-the-Shelf Video Games for Stress Self-Regulation. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 47-55.	6.3	17
244	Empathy, Einfühlung, and aesthetic experience: the effect of emotion contagion on appreciation of representational and abstract art using fEMG and SCR. Cognitive Processing, 2018, 19, 147-165.	1.4	42
245	The Systemic Interaction of Attachment on Psychophysiological Arousal in Couple Conflict. Journal of Marital and Family Therapy, 2018, 44, 46-60.	1.1	12
246	Using wearable technology to detect the autonomic signature of illness severity in schizophrenia. Schizophrenia Research, 2018, 195, 537-542.	2.0	61
247	Default mode network connectivity of fear- and anxiety-related cue and context conditioning. NeuroImage, 2018, 165, 190-199.	4.2	24
248	Testing a linear time invariant model for skin conductance responses by intraneural recording and stimulation. Psychophysiology, 2018, 55, e12986.	2.4	23
249	Electrodermal Activity in Couple Therapy for Intimate Partner Violence. Contemporary Family Therapy, 2018, 40, 138-152.	1.3	5
250	Applications of sparse recovery and dictionary learning to enhance analysis of ambulatory electrodermal activity data. Biomedical Signal Processing and Control, 2018, 40, 58-70.	5.7	17
251	The effects of electroporation on skin impedance. Biomedical Physics and Engineering Express, 2018, 4, 025012.	1.2	0
252	A multi-compontential methodology for exploring emotions in learning. , 0, , 6-36.		9
253	SweatSponse. , 2018, , .		0
254	Impact of controllability on pain and suffering. Pain Reports, 2018, 3, e694.	2.7	16
255	Emotional ratings and skin conductance response to visual, auditory and haptic stimuli. Scientific Data, 2018, 5, 180120.	5.3	62
256	Using Physiological Responses To Capture Unique Idea Creation In Team Collaborations. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
257	A Point Process Characterization Of Electrodermal Activity. , 2018, 2018, 37-40.		14
258	Wearable Neurophysiological Recordings in Middle-School Classroom Correlate With Students' Academic Performance. Frontiers in Human Neuroscience, 2018, 12, 457.	2.0	29
259	Exploration of Web-Sites Affects Autonomic Responses Related to Unconscious Emotions. , 2018, 2018, 4615-4618.		0
260	Putative Markers of Repression in Patients Suffering From Mental Disorders. Frontiers in Psychology, 2018, 9, 2109.	2.1	4
261	Continuous Pain Intensity Estimation from Autonomic Signals with Recurrent Neural Networks. , 2018, 2018, 5624-5627.		46
262	Attenuating Neural Threat Expression with Imagination. Neuron, 2018, 100, 994-1005.e4.	8.1	74
263	Development of a Novel Wearable Ring-Shaped Biosensor. , 2018, 2018, 3750-3753.		5
264	The influence of acoustic startle probes on fear learning in humans. Scientific Reports, 2018, 8, 14552.	3.3	23
265	Voice Stress Analysis: A New Framework for Voice and Effort in Human Performance. Frontiers in Psychology, 2018, 9, 1994.	2.1	55
266	A Classification Model for Sensing Human Trust in Machines Using EEG and GSR. ACM Transactions on Interactive Intelligent Systems, 2018, 8, 1-20.	3.7	72
267	The dissolution of temporal distance increases risk-taking: experimental evidence. Scientific Reports, 2018, 8, 16565.	3.3	1
268	Let Me Finish before I Take Over. , 2018, , .		46
269	Suppressing the Chills: Effects of Musical Manipulation on the Chills Response. Frontiers in Psychology, 2018, 9, 2046.	2.1	14
270	A comprehensive prediction and evaluation method of pilot workload. Technology and Health Care, 2018, 26, 65-78.	1.2	19
271	Feasibility Study of a Wristband-Type Wearable Sensor to Understand Construction Workers' Physical and Mental Status. , 2018, , .		44
272	Mobility Function and Recovery After Stroke: Preliminary Insights From Sympathetic Nervous System Activity. Journal of Neurologic Physical Therapy, 2018, 42, 224-232.	1.4	11
273	Electrodermal activity measurement within a qualitative methodology. International Journal of Contemporary Hospitality Management, 2018, 30, 3363-3385.	8.0	19
274	A Multimodal Exploration of Engineering Students' Emotions and Electrodermal Activity in Design Activities. Journal of Engineering Education, 2018, 107, 414-441.	3.0	34

#	ARTICLE	IF	CITATIONS
276	A Multimodal Approach for Predicting Changes in PTSD Symptom Severity. , 2018, , .		11
277	Modelling the effects of stress on gap-acceptance decisions combining data from driving simulator and physiological sensors. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 59, 418-435.	3.7	40
278	Critical evaluation of current data analysis strategies for psychophysiological measures of fear conditioning and extinction in humans. International Journal of Psychophysiology, 2018, 134, 95-107.	1.0	39
279	Physiological Impact of Vibro-Acoustic Therapy on Stress and Emotions through Wearable Sensors. , 2018, , .		6
280	Neurophysiological Profile of Antismoking Campaigns. Computational Intelligence and Neuroscience, 2018, 2018, 1-11.	1.7	16
281	Towards Defining a Quality-Metric for Affective Feedback in an Intelligent Environment. , 2018, , .		1
282	Contrast in the circadian behaviors of an electrodermal activity and bioimpedance spectroscopy. Chronobiology International, 2018, 35, 1413-1422.	2.0	8
283	Towards the development of physiological models for emotions evaluation*. , 2018, 2018, 110-113.		4
284	Neurophysiological Responses to Different Product Experiences. Computational Intelligence and Neuroscience, 2018, 2018, 1-10.	1.7	34
285	Neurophysiological Measures of the Perception of Antismoking Public Service Announcements Among Young Population. Frontiers in Human Neuroscience, 2018, 12, 231.	2.0	30
286	VR Job Interview Simulator: Where Virtual Reality Meets Artificial Intelligence for Education. , 2018, , .		19
287	Dry Electrode Optimization for Wrist-based Electrodermal Activity Monitoring. , 2018, , .		8
288	Going beyond performance scores. , 2018, , .		15
289	Psychophysiological modeling: Current state and future directions. Psychophysiology, 2018, 55, e13214.	2.4	52
290	Using sensor technology to capture the structure and content of team interactions in medical emergency teams during stressful moments. , 2018, , 123-147.		8
291	Meaningful Assessment of Robotic Surgical Style using the Wisdom of Crowds. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1037-1048.	2.8	21
292	Profiling sympathetic arousal in a physics course: How active are students?. Journal of Computer Assisted Learning, 2018, 34, 397-408.	5.1	58
293	Cognitive Load Assessment from EEG and Peripheral Biosignals for the Design of Visually Impaired Mobility Aids. Wireless Communications and Mobile Computing, 2018, 2018, 1-9.	1.2	15

#	ARTICLE	IF	CITATIONS
294	Using physiological and behavioral measurements in a picture-based road hazard perception experiment to classify risky and safe drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 58, 93-105.	3.7	26
295	Symbiotic Interaction. <i>Lecture Notes in Computer Science</i> , 2018, , .	1.3	2
296	Transient visual perturbations boost short-term balance learning in virtual reality by modulating electrocortical activity. <i>Journal of Neurophysiology</i> , 2018, 120, 1998-2010.	1.8	34
297	Electrodermal Activity Is Sensitive to Cognitive Stress under Water. <i>Frontiers in Physiology</i> , 2017, 8, 1128.	2.8	47
298	Hot Speech and Exploding Bombs: Autonomic Arousal During Emotion Classification of Prosodic Utterances and Affective Sounds. <i>Frontiers in Psychology</i> , 2018, 9, 228.	2.1	9
299	Effects of Threat Conditioning on the Negative Valenced Systems and Cognitive Systems. <i>Scientific Reports</i> , 2018, 8, 11221.	3.3	1
300	Biobehavioral Insights into Adaptive Behavior in Complex and Dynamic Operational Settings: Lessons learned from the Soldier Performance and Effective, Adaptable Response Task. <i>Frontiers in Medicine</i> , 2018, 4, 217.	2.6	2
301	Effects of virtual reality high heights exposure during beam-walking on physiological stress and cognitive loading. <i>PLoS ONE</i> , 2018, 13, e0200306.	2.5	76
302	Wearable Driver Distraction Identification On-The-Road via Continuous Decomposition of Galvanic Skin Responses. <i>Sensors</i> , 2018, 18, 503.	3.8	30
303	Effect of acute exposure to radiofrequency electromagnetic fields emitted by a mobile phone (GSM) Tj ETQq1 1 0.784314 rgBT /Overbo <i>Biology</i> , 2018, 94, 890-895.	1.8	5
304	The role of physiological arousal for self-reported emotional empathy. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 214, 9-14.	2.8	20
305	Intrapersonal Emotional Responses to the Inquiry and Advocacy Modes of Interaction: A Psychophysiological Study. <i>Group Decision and Negotiation</i> , 2018, 27, 933-948.	3.3	8
306	A Comparison of Different Electrodermal Variables in Response to an Acute Social Stressor. <i>Lecture Notes in Computer Science</i> , 2018, , 7-17.	1.3	8
307	Bilateral Electrodermal Activity in the Activeâ€“Alert Hypnotic Induction. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2018, 66, 282-297.	1.8	14
308	Human Performance Deterioration Due to Prolonged Wakefulness Can Be Accurately Detected Using Time-Varying Spectral Analysis of Electrodermal Activity. <i>Human Factors</i> , 2018, 60, 1035-1047.	3.5	19
309	Time-varying analysis of electrodermal activity during exercise. <i>PLoS ONE</i> , 2018, 13, e0198328.	2.5	43
310	The promise and perils of the peripheral psychophysiology of emotion in retailing and consumer services. <i>Journal of Retailing and Consumer Services</i> , 2019, 50, 305-313.	9.4	35
311	The Added Value of Studying Embodied Responses in Couple Therapy Research: A Case Study. <i>Family Process</i> , 2019, 58, 685-697.	2.6	12

#	ARTICLE	IF	CITATIONS
312	Comparative evaluation of methods for the detection of electrodermal responses to multilevel intensity thermal noxious stimuli. Research on Biomedical Engineering, 2019, 35, 183-192.	2.2	0
313	The parietal operculum preferentially encodes heat pain and not salience. PLoS Biology, 2019, 17, e3000205.	5.6	39
314	An Open-Source Hardware Acquisition Platform for Physiological Measurements. IEEE Sensors Journal, 2019, 19, 11526-11534.	4.7	13
315	Sympathetic arousal in children with oppositional defiant disorder and its relation to emotional dysregulation. Journal of Affective Disorders, 2019, 257, 207-213.	4.1	12
316	The use of electrodermal activity (EDA) measurement to understand consumer emotions – A literature review and a call for action. Journal of Business Research, 2019, 104, 146-160.	10.2	88
317	Stressing the accuracy: Wrist-worn wearable sensor validation over different conditions. Psychophysiology, 2019, 56, e13441.	2.4	94
318	Relationship of sensation seeking with the neural correlates of appetitive conditioning. Social Cognitive and Affective Neuroscience, 2019, 14, 769-775.	3.0	7
319	Motivational intensity and visual word search: Layout matters. PLoS ONE, 2019, 14, e0218926.	2.5	5
320	pyphysio: A physiological signal processing library for data science approaches in physiology. SoftwareX, 2019, 10, 100287.	2.6	41
321	Fear Without Context: Acute Stress Modulates the Balance of Cue-Dependent and Contextual Fear Learning. Psychological Science, 2019, 30, 1123-1135.	3.3	26
322	Exploring the effect of urban features and immediate environment on body responses. Urban Forestry and Urban Greening, 2019, 43, 126365.	5.3	27
323	Neighborhood environments influence emotion and physiological reactivity. Scientific Reports, 2019, 9, 9498.	3.3	28
324	Fairness norm violations in anti-social psychopathic offenders in a repeated trust game. Translational Psychiatry, 2019, 9, 266.	4.8	4
325	Effect of d-cycloserine on fear extinction training in adults with social anxiety disorder. PLoS ONE, 2019, 14, e0223729.	2.5	11
326	Socially Aware Path Planning for a Flying Robot in Close Proximity of Humans. ACM Transactions on Cyber-Physical Systems, 2019, 3, 1-24.	2.5	5
327	Human Memories Can Be Linked by Temporal Proximity. Frontiers in Human Neuroscience, 2019, 13, 315.	2.0	14
328	Virtual reality: A new method to investigate cognitive load during navigation. Journal of Environmental Psychology, 2019, 65, 101338.	5.1	69
329	CorrFeat: Correlation-based Feature Extraction Algorithm using Skin Conductance and Pupil Diameter for Emotion Recognition. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
330	Validation of Wireless Sensors for Psychophysiological Studies. <i>Sensors</i> , 2019, 19, 4824.	3.8	9
331	Combining Electrodermal Activity and Speech Analysis towards a more Accurate Emotion Recognition System. , 2019, 2019, 229-232.		11
332	GSR-based distracted driving identification using discrete & continuous decomposition and wavelet packet transform. <i>Smart Health</i> , 2019, 14, 100085.	3.2	12
333	Subjective and physiological responses to façade and sunlight pattern geometry in virtual reality. <i>Building and Environment</i> , 2019, 150, 144-155.	6.9	68
334	Wearable Sensing Technology Applications in Construction Safety and Health. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019, 145, .	3.8	142
335	Looking Through “Rose-Tinted” Glasses: The Influence of Tint on Visual Affective Processing. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 187.	2.0	5
336	Increased neural reactivity to emotional pictures in men with high hair testosterone concentrations. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 1009-1016.	3.0	6
337	Neurofunctional characterization of early prefrontal processes contributing to interpersonal guilt. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1192-1202.	2.0	5
338	Electrodermal activity sensing using smart eyewear. , 2019, , .		1
339	A race re-imaged, intersectional approach to academic mentoring: Exploring the perspectives and responses of womxn in science and engineering research. <i>Contemporary Educational Psychology</i> , 2019, 59, 101786.	2.9	16
340	Emotion Recognition from Physiological Signal Analysis: A Review. <i>Electronic Notes in Theoretical Computer Science</i> , 2019, 343, 35-55.	0.9	270
341	How Neurophysiological Measures Can be Used to Enhance the Evaluation of Remote Tower Solutions. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 303.	2.0	23
342	Technological Advancements in Post-Traumatic Stress Disorder Detection: A Survey. , 2019, , .		5
343	Identification of Users’ Well-Being Related to External Stimuli: A Preliminary Investigation. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 579-590.	0.4	2
344	Detailed analysis of skin conductance responses during a gambling task: Decision, anticipation, and outcomes. <i>Psychophysiology</i> , 2019, 56, e13338.	2.4	10
345	Best Measures of Attention To Creative Tactics in TV Advertising. <i>Journal of Advertising Research</i> , 2019, 59, 295-311.	2.1	24
346	Interoceptive accuracy predicts nonplanning trait impulsivity. <i>Psychophysiology</i> , 2019, 56, e13339.	2.4	20
347	Attentive User Interfaces to Improve Multitasking and Take-Over Performance in Automated Driving. <i>International Journal of Mobile Human Computer Interaction</i> , 2019, 11, 40-58.	0.4	30

#	ARTICLE	IF	CITATIONS
348	Measuring cooking experience implicitly and explicitly: Physiology, facial expression and subjective ratings. Food Quality and Preference, 2019, 78, 103726.	4.6	11
349	A Perspective on Objective Measurement of the Perceived Challenge of Walking. Frontiers in Human Neuroscience, 2019, 13, 161.	2.0	1
350	Aversive Imagery Causes De Novo Fear Conditioning. Psychological Science, 2019, 30, 1001-1015.	3.3	24
351	Skin conductance responses in anticipation of gains and losses. Journal of the Economic Science Association, 2019, 5, 38-50.	2.3	4
352	Understanding the Brain Function and Emotions. Lecture Notes in Computer Science, 2019, , .	1.3	6
353	In UX We Trust. , 2019, , .		53
354	How do smokers respond to pictorial and threatening tobacco warnings? The role of threat level, repeated exposure, type of packs and warning size. Journal of Consumer Marketing, 2019, 36, 461-471.	2.3	10
355	Public Speaking Anxiety in a Real Classroom. , 2019, , .		10
356	Emotion Detection in Aging Adults Through Continuous Monitoring of Electro-Dermal Activity and Heart-Rate Variability. Lecture Notes in Computer Science, 2019, , 252-261.	1.3	3
357	Detecting Perception of Smartphone Notifications Using Skin Conductance Responses. , 2019, , .		12
358	Impulsivity Moderates Skin Conductance Activity During Decision Making in a Modified Version of the Balloon Analog Risk Task. Frontiers in Neuroscience, 2019, 13, 345.	2.8	11
359	Oxytocin Effects on Pain Perception and Pain Anticipation. Journal of Pain, 2019, 20, 1187-1198.	1.4	17
360	Going beyond performance scores: Understanding cognitiveâ€‘affective states in Kindergarteners and application of framework in classrooms. International Journal of Child-Computer Interaction, 2019, 21, 37-53.	3.5	5
361	Association between sympathoexcitatory changes and symptomatic improvement following cervical mobilisations in participants with neck pain. A double blind placebo controlled trial. Musculoskeletal Science and Practice, 2019, 42, 90-97.	1.3	10
362	Auditory perceptual learning is not affected by anticipatory anxiety in the healthy population except for highly anxious individuals: EEG evidence. Clinical Neurophysiology, 2019, 130, 1135-1143.	1.5	7
363	Wearables and Location Tracking Technologies for Mental-State Sensing in Outdoor Environments. Professional Geographer, 2019, 71, 449-461.	1.8	63
364	Alliance Formations in Couple Therapy: A Multimodal and Multimethod Study. Journal of Couple and Relationship Therapy, 2019, 18, 189-222.	0.8	13
365	Examining Trade-Offs between Social, Psychological, and Energy Potential of Urban Form. ISPRS International Journal of Geo-Information, 2019, 8, 52.	2.9	6

#	ARTICLE	IF	CITATIONS
366	Peak Experiences with Electronic Dance Music. Music Perception, 2019, 36, 371-389.	1.1	12
367	Family-of-origin aggression, dating aggression, and physiological stress reactivity in daily life. Physiology and Behavior, 2019, 206, 85-92.	2.1	13
368	Blending active and passive digital technology methods to improve symptom monitoring in early psychosis. Microbial Biotechnology, 2019, 13, 1271-1275.	1.7	27
369	Feature Extraction and Selection for Emotion Recognition from Electrodermal Activity. IEEE Transactions on Affective Computing, 2021, 12, 857-869.	8.3	119
370	Modelling Impulse Response Function of Functional Infrared Imaging for General Linear Model Analysis of Autonomic Activity. Sensors, 2019, 19, 849.	3.8	21
371	Combining driving simulator and physiological sensor data in a latent variable model to incorporate the effect of stress in car-following behaviour. Analytic Methods in Accident Research, 2019, 22, 100089.	8.2	30
372	Nightmares do result in psychophysiological arousal: A multimeasure ambulatory assessment study. Psychophysiology, 2019, 56, e13366.	2.4	29
373	Assessment of muscle fatigue during isometric contraction using autonomic nervous system correlates. Biomedical Signal Processing and Control, 2019, 51, 42-49.	5.7	24
374	An Innovative, Unobtrusive Approach to Investigate Smartphone Interaction in Nonaddicted Subjects Based on Wearable Sensors: A Pilot Study. Medicina (Lithuania), 2019, 55, 37.	2.0	14
375	The acquisition of survey knowledge for local and global landmark configurations under time pressure. Spatial Cognition and Computation, 2019, 19, 190-219.	1.2	17
376	Skin Conductance in the Study of Politics and Communication. , 2019, , 85-104.		16
377	Influence of theatre hall layout on actorsâ€™ and spectatorsâ€™ emotions. Animal Cognition, 2019, 22, 365-372.	1.8	3
378	Adolescent psychopathy, heart rate, and skin conductance. Psychophysiology, 2019, 56, e13344.	2.4	16
379	Feasibility analysis of electrodermal activity (EDA) acquired from wearable sensors to assess construction workersâ€™ perceived risk. Safety Science, 2019, 115, 110-120.	4.9	84
380	Wearable Sensors to Characterize the Autonomic Nervous System Correlates of Food-Like Odors Perception: A Pilot Study. Electronics (Switzerland), 2019, 8, 1481.	3.1	13
381	Exploring relationships between electrodermal activity, skin temperature, and performance during. , 2019, , .		9
382	A novel, simple and objective method to detect movement artefacts in electrodermal activity. , 2019, , .		1
383	Effect on Social Connectedness and Stress Levels by Using a Huggable Interface in Remote Communication. , 2019, , .		11

#	ARTICLE	IF	CITATIONS
384	Speak Up! Studying the Interplay of Individual and Contextual Factors to Physiological-Based Models of Public Speaking Anxiety. , 2019, , .		5
385	Measuring Cognitive Load and Insight: A Methodology Exemplified in a Virtual Reality Learning Context. , 2019, , .		27
386	Virtual reality interfaces and population-specific models to mitigate public speaking anxiety. , 2019, , .		15
387	Robust Inference of Autonomic Nervous System Activation Using Skin Conductance Measurements: A Multi-Channel Sparse System Identification Approach. IEEE Access, 2019, 7, 173419-173437.	4.2	15
388	Posed and spontaneous smile assessment with wearable skin conductance measured from the neck and head movement. , 2019, , .		1
389	Comparative Evaluation of the Autonomic Response to Cognitive and Sensory Stimulations through Wearable Sensors. Sensors, 2019, 19, 4661.	3.8	8
390	Body Area Networks: Smart IoT and Big Data for Intelligent Health Management. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , .	0.3	4
391	Multi-Modal Acute Stress Recognition Using Off-the-Shelf Wearable Devices. , 2019, 2019, 2196-2201.		30
392	The effect of immersive virtual reality on proximal and conditioned threat. Scientific Reports, 2019, 9, 17407.	3.3	18
393	A Cross-Disciplinary and Multi-Modal Experimental Design for Studying Near-Real-Time Authentic Examination Experiences. Journal of Visualized Experiments, 2019, , .	0.3	4
394	Indian Virtual reality affective database with self-report measures and EDA. , 2019, , .		0
395	A Systematic Method for Preprocessing and Analyzing Electrodermal Activity. , 2019, 2019, 6902-6905.		13
396	What effort is required in retrieving self-defining memories? Specific autonomic responses for integrative and non-integrative memories. PLoS ONE, 2019, 14, e0226009.	2.5	7
397	Are we together or not? The temporal interplay of monitoring, physiological arousal and physiological synchrony during a collaborative exam. International Journal of Computer-Supported Collaborative Learning, 2019, 14, 467-490.	3.0	25
398	Effect of negative motivation on the behavioral and autonomic correlates of deception. Psychophysiology, 2019, 56, e13284.	2.4	6
399	Audio-video emotional response mapping based upon Electrodermal Activity. Biomedical Signal Processing and Control, 2019, 47, 324-333.	5.7	20
400	The role of adolescents' temperament in their positive and negative emotions as well as in psychophysiological reactions during achievement situations. Learning and Individual Differences, 2019, 69, 116-128.	2.7	7
401	Quantifying Human Experience in Architectural Spaces with Integrated Virtual Reality and Body Sensor Networks. Journal of Computing in Civil Engineering, 2019, 33, .	4.7	91

#	ARTICLE	IF	CITATIONS
402	Influence of cognitive stance and physical perspective on subjective and autonomic reactivity to observed pain and pleasure: An immersive virtual reality study. <i>Consciousness and Cognition</i> , 2019, 67, 86-97.	1.5	30
403	Contingency awareness as a prerequisite for differential contextual fear conditioning. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 811-828.	2.0	11
404	Sympathetic arousal commonalities and arousal contagion during collaborative learning: How attuned are triad members?. <i>Computers in Human Behavior</i> , 2019, 92, 188-197.	8.5	32
405	Virtually stressed? A refined virtual reality adaptation of the Trier Social Stress Test (TSST) induces robust endocrine responses. <i>Psychoneuroendocrinology</i> , 2019, 101, 186-192.	2.7	85
406	Computerized Exposure Therapy for Spider Phobia: Effects of Cardiac Timing and Interoceptive Ability on Subjective and Behavioral Outcomes. <i>Psychosomatic Medicine</i> , 2019, 81, 90-99.	2.0	12
407	Comparison of emotional processing assessed with fear conditioning by interpersonal conflicts in patients with depression and schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 116-125.	1.8	13
408	Machine learning approaches to understand the influence of urban environments on human's physiological response. <i>Information Sciences</i> , 2019, 474, 154-169.	6.9	40
409	The Body and the Brain: Measuring Skin Conductance Responses to Understand the Emotional Experience. <i>Organizational Research Methods</i> , 2019, 22, 394-420.	9.1	108
410	Multisensory stress reduction: a neuro-architecture study of paediatric waiting rooms. <i>Building Research and Information</i> , 2020, 48, 269-285.	3.9	28
411	Event-Related Electrodermal Response to Stress: Results From a Realistic Driving Simulator Scenario. <i>Human Factors</i> , 2020, 62, 138-151.	3.5	15
412	Film mood induction and emotion classification using physiological signals for health and wellness promotion in older adults living alone. <i>Expert Systems</i> , 2020, 37, e12425.	4.5	14
413	Investigating the relationship between mental state (workload and affect) and physiology in a control room setting (ship bridge simulator). <i>Cognition, Technology and Work</i> , 2020, 22, 95-108.	3.0	21
414	Communication Error Management in Law Enforcement Interactions: A Sender's Perspective. <i>Criminal Justice and Behavior</i> , 2020, 47, 39-60.	1.8	2
415	Enhanced noradrenergic activity by yohimbine and differential fear conditioning in patients with major depression with and without adverse childhood experiences. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109751.	4.8	11
416	Trees, grass, or concrete? The effects of different types of environments on stress reduction. <i>Landscape and Urban Planning</i> , 2020, 193, 103654.	7.5	111
417	Autism and Reactions to Provocation in a Social and Non-social Context. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 402-414.	2.7	5
418	Experimental and Quantitative Methods in Contemporary Economics. <i>Springer Proceedings in Business and Economics</i> , 2020, , .	0.3	3
419	A standardized validity assessment protocol for physiological signals from wearable technology: Methodological underpinnings and an application to the E4 biosensor. <i>Behavior Research Methods</i> , 2020, 52, 607-629.	4.0	77

#	ARTICLE	IF	CITATIONS
420	Get Ready for Being Chauffeured. Human Factors, 2020, 62, 1322-1338.	3.5	32
421	Social Environment Simulation in VR Elicits a Distinct Reaction in Subjects with Different Levels of Anxiety and Somatoform Dissociation. International Journal of Human-Computer Interaction, 2020, 36, 505-515.	4.8	4
422	Intranasal Oxytocin Administration Reduces Bystanders'™ Acceptance of Online Celebrity Bashing. International Journal of Bullying Prevention, 2020, 2, 29-40.	2.2	2
423	A comparison of methods used for inducing mental fatigue in performance research: individualised, dual-task and short duration cognitive tests are most effective. Ergonomics, 2020, 63, 1-12.	2.1	56
424	Experimental investigation of the impact of a destination promotional video with physiological and self-reported measures. Tourism Management Perspectives, 2020, 33, 100625.	5.2	27
425	Blocking under stress: Sustained attention to stimuli without predictive value?. Neurobiology of Learning and Memory, 2020, 168, 107158.	1.9	4
426	Learning to fear pain after observing another's pain: An experimental study in schoolchildren. European Journal of Pain, 2020, 24, 791-806.	2.8	1
427	The joint influence of social status and personal attitudes in a contact and open versus a noncontact and homophobic culture on the virtual Midas touch. Virtual Reality, 2020, 24, 619-633.	6.1	6
428	Sensors Capabilities, Performance, and Use of Consumer Sleep Technology. Sleep Medicine Clinics, 2020, 15, 1-30.	2.6	62
429	Brain imaging of chill reactions to pleasant and unpleasant sounds. Behavioural Brain Research, 2020, 380, 112417.	2.2	15
430	Quantifying student engagement in learning about climate change using galvanic hand sensors in a controlled educational setting. Climatic Change, 2020, 159, 17-36.	3.6	11
431	Agents' pivotality and reward fairness modulate sense of agency in cooperative joint action. Cognition, 2020, 195, 104117.	2.2	18
432	The advantage of globally visible landmarks for spatial learning. Journal of Environmental Psychology, 2020, 67, 101369.	5.1	20
433	Dissociable neural signatures of passive extinction and instrumental control over threatening events. Social Cognitive and Affective Neuroscience, 2020, 15, 625-634.	3.0	10
434	Cross-Subject Multimodal Emotion Recognition Based on Hybrid Fusion. IEEE Access, 2020, 8, 168865-168878.	4.2	70
435	Consumers Emotional Responses to Functional and Hedonic Products: A Neuroscience Research. Frontiers in Psychology, 2020, 11, 559779.	2.1	20
436	Does inappropriate behavior hurt or stink? The interplay between neural representations of somatic experiences and moral decisions. Science Advances, 2020, 6, .	10.3	12
437	Experimental Inducibility of Supernumerary Phantom Limbs: A Series of Virtual Reality Experiments. Frontiers in Virtual Reality, 2020, 1, .	3.7	3

#	ARTICLE	IF	CITATIONS
438	A Review of Microelectronic Systems and Circuit Techniques for Electrical Neural Recording Aimed at Closed-Loop Epilepsy Control. <i>Sensors</i> , 2020, 20, 5716.	3.8	11
439	An Immersive Self-Report Tool for the Affective Appraisal of 360° VR Videos. <i>Frontiers in Virtual Reality</i> , 2020, 1, .	3.7	10
440	Looking at Aesthetic Emotions in Advertising Research Through a Psychophysiological Perspective. <i>Frontiers in Psychology</i> , 2020, 11, 553100.	2.1	11
441	Physiological investigation of cognitive load in real-life train travelers during information processing. <i>Applied Ergonomics</i> , 2020, 89, 103180.	3.1	9
442	Risk and Trust in artificial intelligence technologies: A case study of Autonomous Vehicles. , 2020, , .		9
443	Expertise reversal effect: Cost of generating new schemas. <i>Computers in Human Behavior</i> , 2020, 111, 106406.	8.5	13
444	Subjective Evaluation of Performance in a Collaborative Task Is Better Predicted From Autonomic Response Than From True Achievements. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 234.	2.0	3
445	Race and ethnic variation in college students' allostatic regulation of racism-related stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31053-31062.	7.1	35
446	Physiological Synchrony in EEG, Electrodermal Activity and Heart Rate Detects Attentionally Relevant Events in Time. <i>Frontiers in Neuroscience</i> , 2020, 14, 575521.	2.8	19
447	Examining physiological and self-report indicators of empathy during learners' interaction with a queer history app. <i>British Journal of Educational Technology</i> , 2020, 51, 1921-1938.	6.3	7
448	An Emotional Roller Coaster: Electrophysiological Evidence of Emotional Engagement during a Roller-Coaster Ride with Virtual Reality Add-On. <i>Journal of Hospitality and Tourism Research</i> , 2022, 46, 29-54.	2.9	27
449	A Vigilance Explanation of Musical Chills? Effects of Loudness and Brightness Manipulations. <i>Music & Science</i> , 2020, 3, 205920432091565.	1.0	5
450	Epileptic Seizure Detection and Experimental Treatment: A Review. <i>Frontiers in Neurology</i> , 2020, 11, 701.	2.4	30
452	A Collaborative Learning Design for Promoting and Analyzing Adaptive Motivation and Emotion Regulation in the Science Classroom. <i>Frontiers in Education</i> , 2020, 5, .	2.1	22
453	Progression of Cognitive-Affective States During Learning in Kindergarteners: Bringing Together Physiological, Observational and Performance Data. <i>Education Sciences</i> , 2020, 10, 177.	2.6	0
454	Measuring Drivers' Physiological Response to Different Vehicle Controllers in Highly Automated Driving (HAD): Opportunities for Establishing Real-Time Values of Driver Discomfort. <i>Information (Switzerland)</i> , 2020, 11, 390.	2.9	8
455	Tears of joy, aesthetic chills and heartwarming feelings: Physiological correlates of Kama Muta. <i>Psychophysiology</i> , 2020, 57, e13662.	2.4	22
456	Wearable sensors and a multisensory music and reminiscence therapies application: To help reduce behavioral and psychological symptoms in person with dementia. <i>Smart Health</i> , 2020, 18, 100140.	3.2	9

#	ARTICLE	IF	CITATIONS
457	Exploration of the physiological response to an online gambling task by frequency domain analysis of the electrodermal activity. , 2020, 2020, 91-94.		2
458	Bilateral comparison of traditional and alternate electrodermal measurement sites. Psychophysiology, 2020, 57, e13645.	2.4	15
459	Detecting excessive load-carrying tasks using a deep learning network with a Gramian Angular Field. Automation in Construction, 2020, 120, 103390.	9.8	44
460	Predicting driver takeover performance in conditionally automated driving. Accident Analysis and Prevention, 2020, 148, 105748.	5.7	42
461	Physical Stimuli and Emotions: EDA Features Analysis from a Wrist-Worn Measurement Sensor. , 2020, , .		17
462	Psychophysiological responses to takeover requests in conditionally automated driving. Accident Analysis and Prevention, 2020, 148, 105804.	5.7	31
463	Immersive virtual reality for supporting complex scientific knowledge: Augmenting our understanding with physiological monitoring. British Journal of Educational Technology, 2020, 51, 2181-2199.	6.3	23
464	Arousal Detection in Elderly People from Electrodermal Activity Using Musical Stimuli. Sensors, 2020, 20, 4788.	3.8	15
465	A Usability Study of Physiological Measurement in School Using Wearable Sensors. Sensors, 2020, 20, 5380.	3.8	20
466	Stress Assessment by Combining Neurophysiological Signals and Radio Communications of Air Traffic Controllers. , 2020, 2020, 851-854.		6
467	Locus of emotion influences psychophysiological reactions to music. PLoS ONE, 2020, 15, e0237641.	2.5	9
468	Can biofeedback-based training alleviate fatigue and vigilance performance in fatigued MS patients?. Neuropsychological Rehabilitation, 2022, 32, 131-147.	1.6	3
469	Effects of Interacting with a Crowd of Emotional Virtual Humans on Usersâ€™ Affective and Non-Verbal Behaviors. , 2020, , .		14
470	Atypical Emotional Electrodermal Activity in Toddlers with Autism Spectrum Disorder. Autism Research, 2020, 13, 1476-1488.	3.8	13
471	Out of the woods: psychophysiological investigations on wood odors to estimate their suitability as ambient scents. Wood Science and Technology, 2020, 54, 1385-1400.	3.2	3
472	Body responses towards a morning walk in a tropical city. Landscape Research, 2020, 45, 966-983.	1.6	6
473	Effects of Interacting with a Crowd of Emotional Virtual Humans on Usersâ€™ Affective and Non-Verbal Behaviors. , 2020, , .		11
474	Does Osteopathic Manipulative Treatment Induce Autonomic Changes in Healthy Participants? A Thermal Imaging Study. Frontiers in Neuroscience, 2020, 14, 887.	2.8	25

#	ARTICLE	IF	CITATIONS
475	Electrodermal Activity Smart Sensor Integration in a Wearable Affective Computing System. , 2020, , .		2
476	Towards Classifying Cognitive Performance by Sensing Electrodermal Activity in Children With Specific Learning Disorders. IEEE Access, 2020, 8, 196187-196196.	4.2	2
477	Emotional Response Increments Induced by Equivalent Enhancement of Different Valence Films. , 2020, , .		2
478	A Novel Mixed Methods Approach to Synthesize EDA Data with Behavioral Data to Gain Educational Insight. Sensors, 2020, 20, 6857.	3.8	0
479	Integrating Biosignals Measurement in Virtual Reality Environments for Anxiety Detection. Sensors, 2020, 20, 7088.	3.8	29
480	What Can Neuromarketing Tell Us about Food Packaging?. Foods, 2020, 9, 1856.	4.3	27
481	Cognitive task performance under (combined) conditions of a metabolic and sensory stressor. Cognition, Technology and Work, 2021, 23, 805-817.	3.0	5
482	Estimating Affective Taste Experience Using Combined Implicit Behavioral and Neurophysiological Measures. IEEE Transactions on Affective Computing, 2023, 14, 849-856.	8.3	3
483	Impacts of Dynamic LED Lighting on the Well-Being and Experience of Office Occupants. International Journal of Environmental Research and Public Health, 2020, 17, 7217.	2.6	30
485	Mind Wandering in a Multimodal Reading Setting: Behavior Analysis & Automatic Detection Using Eye-Tracking and an EDA Sensor. Sensors, 2020, 20, 2546.	3.8	23
486	A multimodal and signals fusion approach for assessing the impact of stressful events on Air Traffic Controllers. Scientific Reports, 2020, 10, 8600.	3.3	23
487	Does audience size influence actorsâ€™ and spectatorsâ€™ emotions the same way?. Psychological Research, 2020, 85, 1814-1822.	1.7	1
488	The influence of facial expression at perceptual threshold on electrodermal activity and social comfort distance. Psychophysiology, 2020, 57, e13600.	2.4	17
489	The influence of attachment styles on autonomic correlates of perspective-taking. Biological Psychology, 2020, 154, 107908.	2.2	3
490	Study of drowsiness from simple physiological signals testing: A signal processing perspective. , 2020, , .		3
491	The Interaction Between Physical and Psychosocial Stressors. Frontiers in Behavioral Neuroscience, 2020, 14, 63.	2.0	7
492	Signal quality and patient experience with wearable devices for epilepsy management. Epilepsia, 2020, 61, S25-S35.	5.1	45
493	Online Celebrity Bashing: Purely Relaxation or Stressful Confrontation? An Experimental Study on the Effects of Exposure to Online Celebrity Bashing on the Emotional Responses and Physiological Arousal Among Adolescent Bystanders. Cyberpsychology, Behavior, and Social Networking, 2020, 23, 588-594.	3.9	2

#	ARTICLE	IF	CITATIONS
494	Evaluating the impact of viewing location on view perception using a virtual environment. Building and Environment, 2020, 180, 106932.	6.9	44
495	Deep Support Vector Machines for the Identification of Stress Condition from Electrodermal Activity. International Journal of Neural Systems, 2020, 30, 2050031.	5.2	29
496	Neuroergonomic Assessment of Hot Beverage Preparation and Consumption: An EEG and EDA Study. Frontiers in Human Neuroscience, 2020, 14, 175.	2.0	13
497	Cognitive Training and Stress Detection in MCI Frail Older People Through Wearable Sensors and Machine Learning. IEEE Access, 2020, 8, 65573-65590.	4.2	50
498	An empirical study of players's™ emotions in VR racing games based on a dataset of physiological data. Multimedia Tools and Applications, 2020, 79, 33657-33686.	3.9	22
499	What does physiological synchrony reveal about metacognitive experiences and group performance?. British Journal of Educational Technology, 2020, 51, 1577-1596.	6.3	35
500	Behavioral and Autonomic Responses in Treating Children with High-Functioning Autism Spectrum Disorder: Clinical and Phenomenological Insights from Two Case Reports. Brain Sciences, 2020, 10, 382.	2.3	5
501	The effects of callous-unemotional traits and aggression subtypes on amygdala activity in response to negative faces. Psychological Medicine, 2022, 52, 476-484.	4.5	18
502	Emotional cue effects on accessing and elaborating upon autobiographical memories. Cognition, 2020, 198, 104217.	2.2	20
503	Psychophysiological Stress Indicators of Heart Rate Variability and Electrodermal Activity With Application in Healthcare Simulation Research. Simulation in Healthcare, 2020, 15, 39-45.	1.2	20
504	Horticultural Activity: Its Contribution to Stress Recovery and Wellbeing for Children. International Journal of Environmental Research and Public Health, 2020, 17, 1229.	2.6	20
505	Psychophysiological modelling and the measurement of fear conditioning. Behaviour Research and Therapy, 2020, 127, 103576.	3.1	44
506	Altered psychophysiological correlates of risk-taking in borderline personality disorder. Psychophysiology, 2020, 57, e13540.	2.4	7
507	Amygdala and nucleus accumbens involvement in appetitive extinction. Human Brain Mapping, 2020, 41, 1833-1841.	3.6	8
508	Heart rate, electrodermal responses and frontal alpha asymmetry to accepted and non-accepted solutions and drinks. Food Quality and Preference, 2020, 82, 103893.	4.6	12
509	Self-Healable Hydrogel“Liquid Metal Composite Platform Enabled by a 3D Printed Stamp for a Multimodular Sensor System. ACS Applied Materials & Interfaces, 2020, 12, 9824-9832.	8.0	56
510	Innovations in Electrodermal Activity Data Collection and Signal Processing: A Systematic Review. Sensors, 2020, 20, 479.	3.8	210
511	A Systematic Exploration of Deep Neural Networks for EDA-Based Emotion Recognition. Information (Switzerland), 2020, 11, 212.	2.9	26

#	ARTICLE	IF	CITATIONS
512	Examination of electrodermal and cardio-vascular reactivity in virtual reality through a combined stress induction protocol. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 6033-6042.	4.9	12
513	On My Own: The Aversion to Being Observed during the Preference-Construction Stage. Journal of Consumer Research, 2020, 47, 475-499.	5.1	22
514	Measurement of High-School Studentsâ€™ Trait Math Anxiety Using Neurophysiological Recordings During Math Exam. IEEE Access, 2020, 8, 57460-57471.	4.2	20
515	An Evolutionarily Threat-Relevant Odor Strengthens Human Fear Memory. Frontiers in Neuroscience, 2020, 14, 255.	2.8	5
516	Can Machine Learning Predict Stress Reduction Based on Wearable Sensorsâ€™ Data Following Relaxation at Workplace? A Pilot Study. Processes, 2020, 8, 448.	2.8	11
517	Application of Supervised Machine Learning for Behavioral Biomarkers of Autism Spectrum Disorder Based on Electrodermal Activity and Virtual Reality. Frontiers in Human Neuroscience, 2020, 14, 90.	2.0	40
518	Touch and social support influence interpersonal synchrony and pain. Social Cognitive and Affective Neuroscience, 2020, 15, 1064-1075.	3.0	45
519	Should I Touch the Customer? Rethinking Interpersonal Touch Effects from the Perspective of the Touch Initiator. Journal of Consumer Research, 2020, 47, 588-607.	5.1	24
520	Impact of Tea and Coffee Consumption on Cognitive Performance: An fNIRS and EDA Study. Applied Sciences (Switzerland), 2020, 10, 2390.	2.5	11
521	Temperatureâ€“Color Interaction: Subjective Indoor Environmental Perception and Physiological Responses in Virtual Reality. Human Factors, 2021, 63, 474-502.	3.5	32
522	Multimodal Classification of Stressful Environments in Visually Impaired Mobility Using EEG and Peripheral Biosignals. IEEE Transactions on Affective Computing, 2021, 12, 203-214.	8.3	18
523	What if versus probabilistic scenarios: a neuroscientific analysis. Annals of Operations Research, 2021, 299, 331-347.	4.1	2
524	Physiological Data Models to Understand the Effectiveness of Drone Operation Training in Immersive Virtual Reality. Journal of Computing in Civil Engineering, 2021, 35, .	4.7	24
525	How hot cognition can lead us astray: The effect of anger on strategic decision making. European Management Journal, 2021, 39, 434-444.	5.1	8
526	A syncing feeling: reductions in physiological arousal in response to observed social synchrony. Social Cognitive and Affective Neuroscience, 2021, 16, 177-184.	3.0	9
527	Physiological and behavioral reactions to renewable energy systems in various landscape types. Renewable and Sustainable Energy Reviews, 2021, 135, 110410.	16.4	21
528	Objective and subjective responses to motion sickness: the group and the individual. Experimental Brain Research, 2021, 239, 515-531.	1.5	33
529	Learning dynamics of electrophysiological brain signals during human fear conditioning. NeuroImage, 2021, 226, 117569.	4.2	25

#	ARTICLE	IF	CITATIONS
530	Identification of Sympathetic Nervous System Activation From Skin Conductance: A Sparse Decomposition Approach With Physiological Priors. IEEE Transactions on Biomedical Engineering, 2021, 68, 1726-1736.	4.2	17
531	When nothing matters: Assessing markers of expectancy violation during omissions of threat. Behaviour Research and Therapy, 2021, 136, 103764.	3.1	15
532	Effects of Language Context and Cultural Identity on the Pain Experience of Spanish-English Bilinguals. Affective Science, 2021, 2, 112-127.	2.6	7
533	Emotion-Regulation in Psychosis: Patients with Psychotic Disorders Apply Reappraisal Successfully. Cognitive Therapy and Research, 2021, 45, 31-45.	1.9	11
534	Use of the Interoperable Artificial Pancreas System for Type 1 Diabetes Management During Psychological Stress. Journal of Diabetes Science and Technology, 2021, 15, 184-185.	2.2	5
535	Multivariate model for cooperation: bridging social physiological compliance and hyperscanning. Social Cognitive and Affective Neuroscience, 2021, 16, 193-209.	3.0	14
536	Physical stress triggers in simulated emergency care situations. Nursing Open, 2021, 8, 156-162.	2.4	3
537	Predicting affective appraisals from facial expressions and physiology using machine learning. Behavior Research Methods, 2021, 53, 574-592.	4.0	3
538	Stress and burnout among attending and resident physicians in the ED: a comparative study. IJSE Transactions on Healthcare Systems Engineering, 2021, 11, 1-10.	1.7	8
539	Chronic Pain is Associated With Reduced Sympathetic Nervous System Reactivity During Simple and Complex Walking Tasks: Potential Cerebral Mechanisms. Chronic Stress, 2021, 5, 247054702110302.	3.4	8
540	Assessing the Emotional Reaction to Negative Pictures Through Electrodermal Activity Data. Lecture Notes in Networks and Systems, 2021, , 116-124.	0.7	0
541	Monitoring Stress Level Through EDA by Using Convex Optimization. Lecture Notes in Electrical Engineering, 2021, , 97-105.	0.4	0
542	Electrodermal Activity-Based Stress Measurement Using Continuous Deconvolution Analysis Method. Lecture Notes in Electrical Engineering, 2021, , 85-95.	0.4	0
543	UBFC-Phys: A Multimodal Database For Psychophysiological Studies of Social Stress. IEEE Transactions on Affective Computing, 2023, 14, 622-636.	8.3	29
544	A Systematic Review of Sensing and Differentiating Dichotomous Emotional States Using Audio-Visual Stimuli. IEEE Access, 2021, 9, 124434-124451.	4.2	6
545	Physiological responses to proposals during dyadic decision-making conversations. PLoS ONE, 2021, 16, e0244929.	2.5	6
546	Study of Human Comfort in Autonomous Vehicles Using Wearable Sensors. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11490-11504.	8.0	10
547	A comparative analysis of neuromarketing methods for brand purchasing predictions among young adults. Journal of Brand Management, 2021, 28, 171-185.	3.5	20

#	ARTICLE	IF	CITATIONS
548	Acute Stress State Classification Based on Electrodermal Activity Modeling. IEEE Transactions on Affective Computing, 2023, 14, 788-799.	8.3	26
549	Exploring Individual Differences of Public Speaking Anxiety in Real-Life and Virtual Presentations. IEEE Transactions on Affective Computing, 2022, 13, 1168-1182.	8.3	11
552	Being emotionally moved is associated with phasic physiological calming during tonic physiological arousal from pleasant tears. International Journal of Psychophysiology, 2021, 159, 47-59.	1.0	7
553	An Immersive Virtual Reality Game for Predicting Risk Taking through the Use of Implicit Measures. Applied Sciences (Switzerland), 2021, 11, 825.	2.5	7
554	Predicting Task Difficulty Through Psychophysiology. , 2021, , 55-70.		0
555	Individual Differences in Hemodynamic Responses Measured on the Head Due to a Long-Term Stimulation Involving Colored Light Exposure and a Cognitive Task: A SPA-fNIRS Study. Brain Sciences, 2021, 11, 54.	2.3	22
556	Impact of the Stroop Effect on Cognitive Load Using Subjective and Psychophysiological Measures. Lecture Notes in Computer Science, 2021, , 180-196.	1.3	3
557	Human-Technology Frontier: Measuring Student Performance-Related Responses to Authentic Engineering Education Activities via Physiological Sensing. Lecture Notes in Networks and Systems, 2021, , 338-345.	0.7	3
558	Do trait psychological characteristics moderate sympathetic arousal to racial discrimination exposure in a natural setting?. Psychophysiology, 2021, 58, e13763.	2.4	11
559	Effects of Autonomic Nervous System Functioning and Tornado Exposure on Long-Term Outcomes of Aggressive Children. Research on Child and Adolescent Psychopathology, 2021, 49, 471-489.	2.3	4
560	NeuroDante: Poetry Mentally Engages More Experts but Moves More Non-Experts, and for Both the Cerebral Approach Tendency Goes Hand in Hand with the Cerebral Effort. Brain Sciences, 2021, 11, 281.	2.3	6
561	A Non-Invasive Context-Aware Dehydration Alert System. , 2021, , .		7
562	The Psychophysiological Experience of Solving Moral Dilemmas Together: An Interdisciplinary Comparison Between Participants With and Without Depression. Frontiers in Communication, 2021, 6, .	1.2	0
563	Chronic non-medical prescription opioid use and empathy for pain: Does pain make the difference?. Psychophysiology, 2021, 58, e13776.	2.4	5
564	NeuroKit2: A Python toolbox for neurophysiological signal processing. Behavior Research Methods, 2021, 53, 1689-1696.	4.0	369
565	Revealing the hidden structure of physiological states during metacognitive monitoring in collaborative learning. Journal of Computer Assisted Learning, 2021, 37, 861-874.	5.1	12
566	Measuring Public Speaking Anxiety: Self-report, behavioral, and physiological. Behavior Modification, 2022, 46, 782-798.	1.6	10
567	Noradrenergic stimulation increases fear memory expression. European Neuropsychopharmacology, 2021, 43, 71-81.	0.7	4

#	ARTICLE	IF	CITATIONS
568	Acute stress leaves fear generalization in healthy individuals intact. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 372-389.	2.0	2
569	The Cognitive-Emotional Design and Study of Architectural Space: A Scoping Review of Neuroarchitecture and Its Precursor Approaches. <i>Sensors</i> , 2021, 21, 2193.	3.8	46
570	Electrophysiological effects of mindfulness meditation in a concentration test. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 759-773.	2.8	11
571	Wearable Technologies for Mental Workload, Stress, and Emotional State Assessment during Working-Like Tasks: A Comparison with Laboratory Technologies. <i>Sensors</i> , 2021, 21, 2332.	3.8	30
572	You canâ€™t beat the feeling: How emotional responses to exemplars in news stories affect perceptions of expert sources and the message of the news story. <i>Journal of Applied Journalism and Media Studies</i> , 2021, 00, 1-22.	0.2	1
573	Comparing Explicit and Implicit Measures for Assessing Cross-Cultural Food Experience. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	1.1	5
574	Deep Neural Networks and Transfer Learning on a Multivariate Physiological Signal Dataset. <i>Bioengineering</i> , 2021, 8, 35.	3.5	16
575	Reliability assessment of temporal discounting measures in virtual reality environments. <i>Scientific Reports</i> , 2021, 11, 7015.	3.3	15
576	Cultural differences in vocal emotion recognition: a behavioural and skin conductance study in Portugal and Guinea-Bissau. <i>Psychological Research</i> , 2022, 86, 597-616.	1.7	6
579	Defensive functions provoke similar psychophysiological reactions in reaching and comfort spaces. <i>Scientific Reports</i> , 2021, 11, 5170.	3.3	15
580	Threat-anticipatory psychophysiological response is enhanced in youth with anxiety disorders and correlates with prefrontal cortex neuroanatomy. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E212-E221.	2.4	14
581	Collaborative Learning Quality Classification Through Physiological Synchrony Recorded by Wearable Biosensors. <i>Frontiers in Psychology</i> , 2021, 12, 674369.	2.1	10
582	Relationship between rework of engineering drawing tasks and stress level measured from physiological signals. <i>Automation in Construction</i> , 2021, 124, 103560.	9.8	17
584	Testing the applicability of a virtual reality simulation platform for stress training of first responders. <i>Military Psychology</i> , 2021, 33, 182-196.	1.1	17
585	Experimental Induction of Micro- and Macrosomatognosia: A Virtual Hand Illusion Study. <i>Frontiers in Virtual Reality</i> , 2021, 2, .	3.7	2
586	Endogenous opioids contribute to the feeling of pain relief in humans. <i>Pain</i> , 2021, 162, 2821-2831.	4.2	8
587	Exercise Thermal Sensation: Physiological Response to Dynamicâ€“Static Steps at Moderate Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4239.	2.6	7
590	Potentiated perceptual neural responses to learned threat during Pavlovian fear acquisition and extinction in adolescents. <i>Developmental Science</i> , 2021, 24, e13107.	2.4	4

#	ARTICLE	IF	CITATIONS
591	On the processing of optimal performances: Studying arousal evoked by being correct and fast. <i>Brain and Behavior</i> , 2021, 11, e02162.	2.2	2
592	The effect of augmented reality versus traditional advertising: a comparison between neurophysiological and self-reported measures. <i>Marketing Letters</i> , 2022, 33, 113-128.	2.9	16
593	Towards a model of arousal change after affective word pronunciation based on electrodermal activity and speech analysis. <i>Biomedical Signal Processing and Control</i> , 2021, 67, 102517.	5.7	4
594	A Critique of Electrodermal Activity Practices at CHI. , 2021, , .		23
595	Experiencing musical beauty: Emotional subtypes and their physiological and musico-acoustic correlates.. <i>Psychology of Aesthetics, Creativity, and the Arts</i> , 2021, 15, 197-215.	1.3	9
596	The Concept of Advanced Multi-Sensor Monitoring of Human Stress. <i>Sensors</i> , 2021, 21, 3499.	3.8	10
597	Color-dependent changes in humans during a verbal fluency task under colored light exposure assessed by SPA-fNIRS. <i>Scientific Reports</i> , 2021, 11, 9654.	3.3	16
598	Body in the face of uncertainty: The role of autonomic arousal and interoception in decisionâ€making under risk and ambiguity. <i>Psychophysiology</i> , 2021, 58, e13840.	2.4	12
599	Physiological arousal variability accompanying relations-oriented behaviors of effective leaders: Triangulating skin conductance, video-based behavior coding and perceived effectiveness. <i>Leadership Quarterly</i> , 2021, 32, 101493.	5.8	9
600	Validation of Affect-tag Affective and Cognitive Indicators. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 535542.	2.5	4
601	Prefrontal tDCS attenuates counterfactual thinking in female individuals prone to self-critical rumination. <i>Scientific Reports</i> , 2021, 11, 11601.	3.3	7
602	Loss aversion in hotel choice: Psychophysiological evidence. <i>Journal of Hospitality and Tourism Research</i> , 2022, 46, 6-28.	2.9	6
603	AmbientBreath. , 2021, 5, 1-30.		8
604	Digital Technologies for Emotion-Regulation Assessment and Intervention: A Conceptual Review. <i>Clinical Psychological Science</i> , 2022, 10, 3-26.	4.0	28
605	Emotional Behavioural and Autonomic Dysregulation (EBAD) in Rett Syndrome â€“ EDA and HRV monitoring using wearable sensor technology. <i>Journal of Psychiatric Research</i> , 2021, 138, 186-193.	3.1	14
606	When the parts of the sum are greater than the whole: Assessing the peak-and-end-theory for a heterogeneous, multi-episodic tourism experience. <i>Journal of Destination Marketing & Management</i> , 2021, 20, 100607.	5.3	16
607	Correlation Analysis of Different Measurement Places of Galvanic Skin Response in Test Groups Facing Pleasant and Unpleasant Stimuli. <i>Sensors</i> , 2021, 21, 4210.	3.8	15
608	Engineering digital biomarkers of interstitial glucose from noninvasive smartwatches. <i>Npj Digital Medicine</i> , 2021, 4, 89.	10.9	28

#	ARTICLE	IF	CITATIONS
609	Message framing, non-conscious perception and effectiveness in non-profit advertising. Contribution by neuromarketing research. International Review on Public and Nonprofit Marketing, 2022, 19, 53-75.	2.0	10
610	A Systematic Review of Physiological Measurements, Factors, Methods, and Applications in Virtual Reality. Frontiers in Virtual Reality, 2021, 2, .	3.7	37
611	Situated emotion and its constructive role in collaborative design: A mixed-method study of experienced designers. Design Studies, 2021, 75, 101020.	3.1	10
612	Playing Tetris Lets You Rate Odors as Less Intense. Frontiers in Psychology, 2021, 12, 657188.	2.1	2
613	The song, not the singer: Infants prefer to listen to familiar songs, regardless of singer identity. Developmental Science, 2022, 25, e13149.	2.4	6
615	Elementary integrate-and-fire process underlies pulse amplitudes in Electrodermal activity. PLoS Computational Biology, 2021, 17, e1009099.	3.2	1
616	Tax compliance is not fundamentally influenced by incidental emotions: An experiment. Economics of Governance, 2021, 22, 345-362.	1.5	2
617	The emotion trajectory of self-selected jazz music with lyrics: A psychophysiological perspective. Psychology of Music, 0, , 030573562110243.	1.6	3
618	Taste Responses to Chocolate Pudding with Different Sucrose Concentrations through Physiological and Explicit Self-Reported Measures. Foods, 2021, 10, 1527.	4.3	2
619	Machine Learning Methods for Fear Classification Based on Physiological Features. Sensors, 2021, 21, 4519.	3.8	9
621	Being moved by listening to unfamiliar sad music induces reward-related hormonal changes in empathic listeners. Annals of the New York Academy of Sciences, 2021, 1502, 121-131.	3.8	11
622	Forensic Aspects of Voice Analysis in India. International Journal for Research in Applied Science and Engineering Technology, 2021, 9, 1990-1993.	0.1	0
623	It does (not) get better: Reference income violation and altruism. Journal of Economic Psychology, 2021, 85, 102380.	2.2	5
624	When the arts are not your cup of tea: Participation frequency and experience in cultural activities. Journal of Leisure Research, 2022, 53, 229-252.	1.4	3
625	Evaluating the effectiveness of biometric sensors and their signal features for classifying human experience in virtual environments. Advanced Engineering Informatics, 2021, 49, 101358.	8.0	6
626	Virtual reality-based conflict resolution: The impact of immersive 360° video on changing view points and moral judgment in the context of violent intergroup conflict. New Media and Society, 2021, 23, 2255-2278.	5.0	17
627	Design and Implementation of an Emergency Undocking Curriculum for Robotic Surgery. Simulation in Healthcare, 2021, Publish Ahead of Print, .	1.2	8
628	Wearable devices for seizure detection: Practical experiences and recommendations from the Wearables for Epilepsy And Research (WEAR) International Study Group. Epilepsia, 2021, 62, 2307-2321.	5.1	24

#	ARTICLE	IF	CITATIONS
629	Evaluating the Temporal Dynamics of a Structured Experience: Real-Time Skin Conductance and Experience Reconstruction Measures. <i>Leisure Sciences</i> , 0, , 1-25.	3.1	8
630	Validation of Gazepoint low-cost eye-tracking and psychophysiology bundle. <i>Behavior Research Methods</i> , 2022, 54, 1027-1049.	4.0	13
631	Cardiac response in aversive and appetitive olfactory conditioning: Evidence for a valence-independent CS-elicited bradycardia. <i>Psychophysiology</i> , 2021, 58, e13912.	2.4	3
633	Overgeneralization of fear, but not avoidance, following acute stress. <i>Biological Psychology</i> , 2021, 164, 108151.	2.2	7
634	Quantifying Occupational Stress in Intensive Care Unit Nurses: An Applied Naturalistic Study of Correlations Among Stress, Heart Rate, Electrodermal Activity, and Skin Temperature. <i>Human Factors</i> , 2022, 64, 159-172.	3.5	8
635	Exposure to social suffering in virtual reality boosts compassion and facial synchrony. <i>Computers in Human Behavior</i> , 2021, 122, 106781.	8.5	14
636	Electrodermal Response to Mirror Exposure in Relation to Subjective Emotional Responses, Emotional Competences and Affectivity in Adolescent Girls With Restrictive Anorexia and Healthy Controls. <i>Frontiers in Psychology</i> , 2021, 12, 673597.	2.1	6
637	Proactive vs. Reactive Aggression Within Two Modified Versions of the Taylor Aggression Paradigm. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 749041.	2.0	4
638	Good vibrations: Bilateral tactile stimulation decreases startle magnitude during negative imagination and increases skin conductance response for positive imagination in an affective startle reflex paradigm. <i>European Journal of Trauma and Dissociation</i> , 2021, 5, 100197.	1.3	3
639	Nothing to Fear but Fear Itself: A Mechanistic Test of Unconscious Exposure. <i>Biological Psychiatry</i> , 2022, 91, 294-302.	1.3	8
640	A Model-Based Framework for Assessing the Physiologic Structure of Electrodermal Activity. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2833-2845.	4.2	6
641	The Sample Size Matters: To What Extent the Participant Reduction Affects the Outcomes of a Neuroscientific Research. A Case-Study in Neuromarketing Field. <i>Sensors</i> , 2021, 21, 6088.	3.8	28
642	Oscillatory brain activity associated with skin conductance responses in the context of risk. <i>Journal of Neurophysiology</i> , 2021, 126, 924-933.	1.8	1
643	Autonomic factors do not underlie the elevated self-disgust levels in Parkinson's disease. <i>PLoS ONE</i> , 2021, 16, e0256144.	2.5	1
644	Baseline levels of alertness influence tES effects along different age-related directions. <i>Neuropsychologia</i> , 2021, 160, 107966.	1.6	2
645	Using Smart Eyewear to Sense Electrodermal Activity While Reading. , 2021, , .		0
646	Emotional Responses to the Visual Patterns of Urban Streets: Evidence from Physiological and Subjective Indicators. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9677.	2.6	17
648	Development of a prototype for the analysis of multiple responses of the autonomic nervous system. <i>Biomedical Signal Processing and Control</i> , 2021, 70, 102994.	5.7	1

#	ARTICLE	IF	CITATIONS
649	Numbers (but not words) make math anxious individuals sweat: Physiological evidence. Biological Psychology, 2021, 165, 108187.	2.2	7
650	Influence of visual food cues on autonomic activity and craving. Biological Psychology, 2021, 165, 108197.	2.2	4
651	Investigation of eye tracking, electrodermal activity and facial expressions as biometric signatures of food reward and intake in normal weight adults. Food Quality and Preference, 2021, 93, 104248.	4.6	11
652	Psychological and physiological effects of a green wall on occupants: A cross-over study in virtual reality. Building and Environment, 2021, 204, 108134.	6.9	48
653	Biophilic office design: Exploring the impact of a multisensory approach on human well-being. Journal of Environmental Psychology, 2021, 77, 101682.	5.1	31
654	Sensitive Physiological Indices of Pain Based on Differential Characteristics of Electrodermal Activity. IEEE Transactions on Biomedical Engineering, 2021, 68, 3122-3130.	4.2	21
655	Assessment of construction workers' perceived risk using physiological data from wearable sensors: A machine learning approach. Journal of Building Engineering, 2021, 42, 102824.	3.4	36
656	IMVEST, an immersive multimodal virtual environment stress test for humans that adjusts challenge to individual's performance. Neurobiology of Stress, 2021, 15, 100382.	4.0	4
657	Self-regulation of stress-related large-scale brain network balance using real-time fMRI neurofeedback. NeuroImage, 2021, 243, 118527.	4.2	10
658	A head mounted augmented reality design practice for maintenance assembly: Toward meeting perceptual and cognitive needs of AR users. Applied Ergonomics, 2022, 98, 103597.	3.1	38
659	Psychophysiological modelling of trust in technology: Comparative analysis of algorithm ensemble methods. , 2021, , .		0
660	Feature and Time Series Extraction in Artificial Neural Networks for Arousal Detection from Electrodermal Activity. Lecture Notes in Computer Science, 2021, , 265-276.	1.3	0
661	Interpersonal Synchrony Protocol for Cooperative Team Dynamics During Competitive E-Gaming. Lecture Notes in Networks and Systems, 2021, , 149-156.	0.7	0
662	Assessing the Impact of Ad Characteristics on Consumer Behavior and Electrodermal Activity. Lecture Notes in Networks and Systems, 2021, , 157-165.	0.7	0
663	An Immersive Computer-Mediated Caregiver-Child Interaction System for Young Children With Autism Spectrum Disorder. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 884-893.	4.9	13
664	Assessing Individual VR Sickness Through Deep Feature Fusion of VR Video and Physiological Response. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2895-2907.	8.3	15
665	Wearable Sensors for Assessing the Role of Olfactory Training on the Autonomic Response to Olfactory Stimulation. Sensors, 2021, 21, 770.	3.8	25
666	Electrodermal Activity in Ambulatory Settings: A Narrative Review of Literature. Advances in Intelligent Systems and Computing, 2020, , 91-102.	0.6	19

#	ARTICLE	IF	CITATIONS
667	Significant Moments in a Couple Therapy Session: Towards the Integration of Different Modalities of Analysis. European Family Therapy Association Series, 2020, , 55-73.	0.3	7
669	The PERFORM Mask: A Psychophysiological sEnsoRs Mask FOr Real-Life Cognitive Monitoring. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 86-93.	0.3	2
670	Evaluating Effects of Environmental and Financial-Savings Messaging on Decision-Making Using Electrodermal Activity. Advances in Intelligent Systems and Computing, 2021, , 175-182.	0.6	1
671	Experimental Evidences on Healthy Subjects and Bipolar Patients. Series in Bioengineering, 2014, , 85-123.	0.6	1
672	Evaluation of CDA and CvxEDA Models. , 2016, , 35-43.		3
673	The "NeuroDante Project": Neurometric Measurements of Participant's Reaction to Literary Auditory Stimuli from Dante's "Divina Commedia". Lecture Notes in Computer Science, 2017, , 52-64.	1.3	4
674	Classification of Physiological Data for Emotion Recognition. Lecture Notes in Computer Science, 2017, , 619-627.	1.3	6
675	Psychopharmacology of Neurodevelopmental Disorders in Children. , 2016, , 325-362.		3
676	Computational Methods for the Assessment of Empathic Synchrony. Smart Innovation, Systems and Technologies, 2021, , 555-564.	0.6	9
677	Exploring the Subjective Feeling of Fluency. Experimental Psychology, 2016, 63, 45-58.	0.7	19
678	Watching Closely. Journal of Media Psychology, 2018, 30, 150-159.	1.0	13
679	Assessing Suffering in Experimental Pain Models. Zeitschrift Fur Psychologie / Journal of Psychology, 2017, 225, 45-53.	1.0	8
680	Challenges of Fear Conditioning Research in the Age of RDoC. Zeitschrift Fur Psychologie / Journal of Psychology, 2017, 225, 189-199.	1.0	11
681	Effects of an Anxiety-Specific Psychometric Factor on Fear Conditioning and Fear Generalization. Zeitschrift Fur Psychologie / Journal of Psychology, 2017, 225, 200-213.	1.0	6
682	Interplay between children's biobehavioral plasticity and interparental relationship in the origins of internalizing problems.. Journal of Family Psychology, 2017, 31, 1040-1050.	1.3	3
683	Distress tolerance and physiological reactivity to stress predict women's problematic alcohol use.. Experimental and Clinical Psychopharmacology, 2017, 25, 156-165.	1.8	24
684	It's all about gains: Risk preferences in problem gambling.. Journal of Experimental Psychology: General, 2018, 147, 1241-1255.	2.1	13
685	The language of lies: Behavioral and autonomic costs of lying in a native compared to a foreign language.. Journal of Experimental Psychology: General, 2018, 147, 734-746.	2.1	13

#	ARTICLE	IF	CITATIONS
686	Beyond arousal: Prediction error related to aversive events promotes episodic memory formation.. Journal of Experimental Psychology: Learning Memory and Cognition, 2020, 46, 234-246.	0.9	15
687	Point process temporal structure characterizes electrodermal activity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26422-26428.	7.1	18
688	Physiological synchrony in EEG, electrodermal activity and heart rate reflects shared selective auditory attention. Journal of Neural Engineering, 2020, 17, 046028.	3.5	31
689	Exploring the neural basis of fear produced by mental imagery: imaginal exposure in individuals fearful of spiders. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190690.	4.0	21
695	Towards Real-Time Recognition of Users Mental Workload Using Integrated Physiological Sensors Into a VR HMD. , 2020, , .		20
696	Multimodal learning analytics to investigate cognitive load during online problem solving. British Journal of Educational Technology, 2020, 51, 1548-1562.	6.3	39
697	Breaking The Experience: Effects of Questionnaires in VR User Studies. , 2020, , .		56
698	Predicting Takeover Performance in Conditionally Automated Driving. , 2020, , .		5
699	Investigating Multi-Modal Measures for Cognitive Load Detection in E-Learning. , 2020, , .		11
700	Text Comprehension. , 2019, , .		18
701	In AI We Trust: Investigating the Relationship between Biosignals, Trust and Cognitive Load in VR. , 2019, , .		27
702	PIV. ACM Transactions on Computer-Human Interaction, 2020, 27, 1-44.	5.7	20
703	A Comparison between Laboratory and Wearable Sensors in the Context of Physiological Synchrony. , 2020, , .		9
704	Going with our Guts. , 2020, , .		10
705	WAKE. , 2020, , .		29
706	Prompto. , 2020, 4, 1-23.		18
707	Breathe Easy EDA: A MATLAB toolbox for psychophysiology data management, cleaning, and analysis. F1000Research, 2018, 7, 216.	1.6	4
708	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions. PLoS Biology, 2020, 18, e3000900.	5.6	15

#	ARTICLE	IF	CITATIONS
709	Can the Neural Basis of Repression Be Studied in the MRI Scanner? New Insights from Two Free Association Paradigms. PLoS ONE, 2013, 8, e62358.	2.5	29
710	Deceptive Intentions: Can Cues to Deception Be Measured before a Lie Is Even Stated?. PLoS ONE, 2015, 10, e0125237.	2.5	11
711	Negativity Bias in Media Multitasking: The Effects of Negative Social Media Messages on Attention to Television News Broadcasts. PLoS ONE, 2016, 11, e0153712.	2.5	35
712	The influence of threatening visual warnings on tobacco packaging: Measuring the impact of threat level, image size, and type of pack through psychophysiological and self-report methods. PLoS ONE, 2017, 12, e0184415.	2.5	23
713	“Choking Under Pressure” in Older Drivers. , 2013, , .		2
714	Challenges and Opportunities in Collecting and Modeling Ambulatory Electrodermal Activity Data. JMIR Biomedical Engineering, 2020, 5, e17106.	1.2	4
715	Stress Tracker“Detecting Acute Stress From a Trackpad: Controlled Study. Journal of Medical Internet Research, 2020, 22, e22743.	4.3	4
716	The Multimodal Assessment of Adult Attachment Security: Developing the Biometric Attachment Test. Journal of Medical Internet Research, 2017, 19, e100.	4.3	16
717	The Role of Ethnicity and Environment in the Regulation of Response to Sensory Stimulus in Children: Protocol and Pilot Findings of a Neurophysiological Study. JMIR Research Protocols, 2018, 7, e7.	1.0	6
718	Revealing Unconscious Consumer Reactions to Advertisements That Include Visual Metaphors. A Neurophysiological Experiment. Frontiers in Psychology, 2020, 11, 760.	2.1	25
719	The Effect of Co-Verbal Remote Touch on Electrodermal Activity and Emotional Response in Dyadic Discourse. Sensors, 2021, 21, 168.	3.8	5
721	Fixation-pattern similarity analysis reveals adaptive changes in face-viewing strategies following aversive learning. ELife, 2019, 8, .	6.0	4
722	Prediction errors for aversive events shape long-term memory formation through a distinct neural mechanism. Cerebral Cortex, 2022, 32, 3081-3097.	2.9	2
723	Smart Bracelet for Emotional Enhancement in Children with Autism Spectrum Disorder. Engineering Proceedings, 2021, 7, .	0.4	0
724	The pivotal role of monitoring for collaborative problem solving seen in interaction, performance, and interpersonal physiology. Metacognition and Learning, 2022, 17, 241-268.	2.7	11
725	To Drive or to Be Driven? The Impact of Autopilot, Navigation System, and Printed Maps on Driver’s Cognitive Workload and Spatial Knowledge. ISPRS International Journal of Geo-Information, 2021, 10, 668.	2.9	4
726	Impaired differential learning of fear versus safety signs in obsessive-compulsive disorder. Psychophysiology, 2022, 59, e13956.	2.4	3
727	Physiological Characterization of Student Engagement in the Naturalistic Classroom: A Mixed-Methods Approach. Mind, Brain, and Education, 2021, 15, 322-343.	1.9	3

#	ARTICLE	IF	CITATIONS
728	The role of feedback in shaping responses to risky road scenarios: Evidence from electrodermal activity. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 83, 130-147.	3.7	0
729	Kinship structure, stress, and the gender gap in competition. Journal of Economic Behavior and Organization, 2021, 192, 36-57.	2.0	10
730	Physiological Effects of Delayed System Response Time on Skin Conductance. Lecture Notes in Computer Science, 2013, , 52-62.	1.3	3
731	Advanced Signal Processing and Modeling for ANS Data. Series in Bioengineering, 2014, , 45-82.	0.6	0
733	Games for Treating and Diagnosing Post Traumatic Stress Disorder. A Practical Guide To Sentiment Analysis, 2016, , 257-274.	0.3	0
734	Modeling for the Analysis of the EDA. , 2016, , 19-33.		5
735	Electrodermal Activity at the Left Palm and Finger in Accordance with the Pressure Stimuli Applied to the Left Scapula. Journal of Sensor Science and Technology, 2016, 25, 235-242.	0.2	1
736	Electrodermal Activity at Palms according to Pressure Stimuli applied to the Scapula. Journal of Korea Multimedia Society, 2016, 19, 1137-1145.	0.2	1
737	Marketing Meets Neuroscience. Advances in Business Strategy and Competitive Advantage Book Series, 2017, , 163-190.	0.3	5
740	Dreadful Virtualities: A Comparative Case Study of Player Responses to a Horror Game in Virtual Reality and Flat Screen. Lecture Notes in Computer Science, 2018, , 239-260.	1.3	4
741	Marketing Meets Neuroscience. , 2018, , 391-412.		0
742	Wine Tasting: How Much Is the Contribution of the Olfaction?. Springer Proceedings in Business and Economics, 2018, , 199-209.	0.3	2
743	Simulation Sickness Evaluation While Using a Fully Autonomous Car in a Head Mounted Display Virtual Environment. Lecture Notes in Computer Science, 2018, , 155-167.	1.3	3
744	Breathe Easy EDA: A MATLAB toolbox for psychophysiology data management, cleaning, and analysis. F1000Research, 2018, 7, 216.	1.6	1
747	An Approach to Analysis of Physiological Responses to Stimulus. Lecture Notes in Computer Science, 2019, , 492-509.	1.3	3
748	Using fNIRS and EDA to Investigate the Effects of Messaging Related to a Dimensional Theory of Emotion. Advances in Intelligent Systems and Computing, 2020, , 59-67.	0.6	3
749	A Path Planning Framework for a Flying Robot in Close Proximity of Humans. , 2019, , .		1
751	Physiological changes during first encounters and their role in determining the perceived interaction quality. Interaction Studies, 2019, 20, 275-306.	0.6	2

#	ARTICLE	IF	CITATIONS
754	Assessment of Athletes'™ Attitude: Physiological Evaluation via Wearable Sensors during Grappling Competitions. , 2020, 2020, 584-587.		2
756	Fire evacuation supported by centralized and decentralized visual guidance systems. Safety Science, 2022, 145, 105451.	4.9	24
757	One-dimensional convolutional neural networks for low/high arousal classification from electrodermal activity. Biomedical Signal Processing and Control, 2022, 71, 103203.	5.7	14
758	Heart Rate Variability and Electrodermal Activity Biosignal Processing: Predicting the Autonomous Nervous System Response in Mental Stress. Communications in Computer and Information Science, 2020, , 328-351.	0.5	2
759	Measuring Neurophysiological Signals, Fixations and Self-report Data for Product Placement Effectiveness Assessment in Music Videos. Springer Proceedings in Business and Economics, 2020, , 251-263.	0.3	2
761	Measures for Well-Being in Highly Automated Vehicles: The Effect of Prior Experience. Lecture Notes in Computer Science, 2020, , 166-180.	1.3	1
764	Exploring Relationships between Cerebral and Peripheral Biosignals with Neural Networks. , 2021, , .		0
765	Stimulus-Based Extinction Generalization: Neural Correlates and Modulation by Cortisol. International Journal of Neuropsychopharmacology, 2021, 24, 354-365.	2.1	6
766	Physiological Synchrony, Stress and Communication of Paramedic Trainees During Emergency Response Training. , 2020, , .		2
767	Comparisons of the Sensitivity and Reliability of Multiple Measures of Listening Effort. Ear and Hearing, 2021, 42, 465-474.	2.1	12
768	"CHOKING UNDER PRESSURE" IN OLDER DRIVERS. , 2013, 2013, 432-438.		2
769	Effects of a Virtual Pointer on Trainees' Cognitive Load and Communication Efficiency in Surgical Training. AMIA ... Annual Symposium proceedings, 2019, 2019, 1197-1206.	0.2	1
770	Chiropractic care for hypertension: Review of the literature and study of biological and genetic bases. Acta Biomedica, 2020, 91, e2020017.	0.3	3
771	Psychophysiological Effect of Immersive Spatial Audio Experience Enhanced Using Sound Field Synthesis. , 2021, , .		1
772	Risk Assessment by a Passenger of an Autonomous Vehicle Among Pedestrians: Relationship Between Subjective and Physiological Measures. Frontiers in Neuroergonomics, 2021, 2, .	1.1	3
773	Synchrony in the periphery: inter-subject correlation of physiological responses during live music concerts. Scientific Reports, 2021, 11, 22457.	3.3	23
774	Schizotypal personality traits and the social learning of fear. Scientific Reports, 2021, 11, 23048.	3.3	1
775	Detecting Emotions through Electrodermal Activity in Learning Contexts: A Systematic Review. Sensors, 2021, 21, 7869.	3.8	35

#	ARTICLE	IF	CITATIONS
777	Dopamine and fear memory formation in the human amygdala. <i>Molecular Psychiatry</i> , 2022, 27, 1704-1711.	7.9	14
778	Sensitivity of Electrodermal Activity Features for Driver Arousal Measurement in Cognitive Load: The Application in Automated Driving Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 14954-14967.	8.0	10
779	In the Flow of Life: Capturing Affective Socializing Dynamics Using a Wearable Sensor and Intensive Daily Diaries. <i>Socius</i> , 2021, 7, 237802312110640.	2.0	0
780	Threat imminence reveals links among unfolding of anticipatory physiological response, cortical-subcortical intrinsic functional connectivity, and anxiety. <i>Neurobiology of Stress</i> , 2022, 16, 100428.	4.0	10
781	Physiological Responses to a Haunted-House Threat Experience: Distinct Tonic and Phasic Effects. <i>Psychological Science</i> , 2022, 33, 236-248.	3.3	7
782	Negative affect impedes perceptual filling-in in the uniformity illusion. <i>Consciousness and Cognition</i> , 2022, 98, 103258.	1.5	3
783	Capturing Environmental Distress of Pedestrians Using Multimodal Data: The Interplay of Biosignals and Image-Based Data. <i>Journal of Computing in Civil Engineering</i> , 2022, 36, .	4.7	7
784	Effects of interacting with facial expressions and controllers in different virtual environments on presence, usability, affect, and neurophysiological signals. <i>International Journal of Human Computer Studies</i> , 2022, 160, 102762.	5.6	3
785	Time-Dependency-Aware Driver Distraction Detection Using Linear-Chain Conditional Random Fields. , 2020,, .		0
786	A Neurophysiological Approach for Measuring Presence in Immersive Virtual Environments. , 2020,, .		8
787	Virtual reality sickness detection: an approach based on physiological signals and machine learning. , 2020,, .		18
788	An Affect as Interaction Approach for Stress Management Among Paramedics. , 2021,, .		0
789	ESD wrist strap-based EDA sensor cum ESD strap integrity monitor. , 2021,, .		1
790	Get Ready for Take-Overs: Using Head-Up Display for Drivers to Engage in Non-Driving-Related Tasks in Automated Vehicles. <i>Human Factors</i> , 2023, 65, 1759-1775.	3.5	3
791	Biomarkers and Detection Platforms for Human Health and Performance Monitoring: A Review. <i>Advanced Science</i> , 2022, 9, e2104426.	11.2	48
792	Unsupervised Clustering of Individuals Sharing Selective Attentional Focus Using Physiological Synchrony. <i>Frontiers in Neuroergonomics</i> , 2022, 2, .	1.1	3
794	Time pressure in translation. <i>Target</i> , 2022, 34, 601-626.	1.2	4
795	Towards Human Stress and Activity Recognition: A Review and a First Approach Based on Low-Cost Wearables. <i>Electronics (Switzerland)</i> , 2022, 11, 155.	3.1	11

#	ARTICLE	IF	CITATIONS
796	More than a feeling? An expanded investigation of emotional responsiveness in young children with conduct problems and callous-unemotional traits. <i>Development and Psychopathology</i> , 2023, 35, 494-508.	2.3	3
797	Current trends and opportunities in the methodology of electrodermal activity measurement. <i>Physiological Measurement</i> , 2022, 43, 02TR01.	2.1	21
798	Trialâ€wise exposure to visual emotional cues increases physiological arousal but not temporal discounting. <i>Psychophysiology</i> , 2022, 59, e13996.	2.4	6
799	A psychophysiological investigation of mourning: There are two sides to the story. <i>Motivation and Emotion</i> , 2022, 46, 276.	1.3	1
800	How to identify the take-over criticality in conditionally automated driving? An examination using driversâ€™ physiological parameters and situational factors. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2022, 85, 161-178.	3.7	11
801	Detecting shared physiological arousal events in collaborative problem solving. <i>Contemporary Educational Psychology</i> , 2022, 69, 102050.	2.9	16
802	Making Food Decisions Together: Physiological and Affective Underpinnings of Relinquishing Preferences and Reaching Decisions. <i>SAGE Open</i> , 2022, 12, 215824402210780.	1.7	0
804	Virtual reality induces symptoms of depersonalization and derealization: A longitudinal randomised control trial. <i>Computers in Human Behavior</i> , 2022, 131, 107233.	8.5	9
806	A Preliminary Study on Automatic Motion Artifact Detection in Electrodermal Activity Data Using Machine Learning. , 2021, 2021, 6920-6923.		9
807	Transdermal Electrical Neuromodulation for Anxiety and Sleep Problems in High-Functioning Autism Spectrum Disorder: Feasibility and Preliminary Findings. <i>Journal of Personalized Medicine</i> , 2021, 11, 1307.	2.5	4
809	Evaluating the Individual-Level Impacts of In-Vehicle Warnings on Mental Stress and Safety Performance Based on Galvanic Skin Response (Gsr) Decomposition. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
811	The impact of contextual information regarding the origin of food on consumersâ€™ judgments. <i>Current Research in Food Science</i> , 2022, 5, 423-431.	5.8	5
812	Genetic influences on central and peripheral nervous system activity during fear conditioning. <i>Translational Psychiatry</i> , 2022, 12, 95.	4.8	2
813	Biometric Signals Reveal How Audiences Engage With Stories. <i>Smpte Motion Imaging Journal</i> , 2022, 131, 29-39.	0.2	0
814	Dynamic Tracking of State Anxiety via Multi-Modal Data and Machine Learning. <i>Frontiers in Psychiatry</i> , 2022, 13, 757961.	2.6	6
815	How does ambivalence affect young consumersâ€™ response to risky products?. <i>Journal of the Academy of Marketing Science</i> , 2022, 50, 841-863.	11.2	4
816	A Wearable Exam Stress Dataset for Predicting Grades using Physiological Signals. , 2022, , .		6
817	A tradeoff between musical tension perception and declarative memory. <i>Psychonomic Bulletin and Review</i> , 2022, , 1.	2.8	3

#	ARTICLE	IF	CITATIONS
818	Modelling perceived risk and trust in driving automation reacting to merging and braking vehicles. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 86, 178-195.	3.7	19
819	Navigating the manyverse of skin conductance response quantification approaches – A direct comparison of <scp>trough–peak</scp>, baseline correction, and model–based approaches in Ledalab and <scp>PsPM</scp>. Psychophysiology, 2022, 59, e14058.	2.4	16
820	Emognition dataset: emotion recognition with self-reports, facial expressions, and physiology using wearables. Scientific Data, 2022, 9, 158.	5.3	23
821	Neuroscientific Methods for Exploring User Perceptions While Dealing With Mobile Advertising: A Novel and Integrated Approach. Frontiers in Neuroergonomics, 2022, 3, .	1.1	4
822	Synthesizing advancements in methodology and technology to understand affective expression and music stimuli: a literature review. SN Social Sciences, 2022, 2, 1.	0.7	2
823	Autonomic responses during Gambling: the Effect of Outcome Type and Sex in a large community sample of young adults. Journal of Gambling Studies, 2023, 39, 159-182.	1.6	4
824	Exploring psychophysiological indices of disruptive behavior disorders and their subtypes of aggression. International Journal of Psychophysiology, 2022, 175, 24-31.	1.0	3
825	Regulating negative emotions of others reduces own stress: Neurobiological correlates and the role of individual differences in empathy. NeuroImage, 2022, 254, 119134.	4.2	5
826	Cognitive and emotional engagement while learning with VR: The perspective of multimodal methodology. Computers and Education, 2022, 183, 104495.	8.3	45
827	Preschoolers’ electrodermal activity and story comprehension during print and digital shared reading. Computers and Education, 2022, 183, 104506.	8.3	2
828	A Multimodal Framework for Large-Scale Emotion Recognition by Fusing Music and Electrodermal Activity Signals. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-23.	4.3	16
829	Validation of Spectral Indices of Electrodermal Activity with a Wearable Device. , 2021, 2021, 6991-6994.		1
830	Ictal Periods Detection in Photoplethysmographic and Electrodermal Signals. , 2021, , .		0
831	ReLearn: A Robust Machine Learning Framework in Presence of Missing Data for Multimodal Stress Detection from Physiological Signals. , 2021, 2021, 535-541.		5
832	Architecture, biometrics, and virtual environments triangulation: a research review. Architectural Science Review, 2022, 65, 504-521.	2.2	10
833	Phase-Synchronized Stimulus Presentation Augments Contingency Knowledge and Affective Evaluation in a Fear-Conditioning Task. ENeuro, 2022, 9, ENEURO.0538-20.2021.	1.9	4
834	Phasic Electrodermal Activity Indicates Changes in Workload and Affective States. , 2021, , .		0
835	A neuroimaging study of interpersonal distance in identical and fraternal twins. Human Brain Mapping, 2022, , .	3.6	1

#	ARTICLE	IF	CITATIONS
836	Physiological indicators of driver workload during car-following scenarios and takeovers in highly automated driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2022, 87, 149-163.	3.7	17
852	Mobile Brain/Body Imaging: Challenges and opportunities for the implementation of research programs based on the 4E perspective to cognition. <i>Adaptive Behavior</i> , 2023, 31, 423-448.	1.9	3
853	Comparison of Electrodermal Activity from Multiple Body Locations Based on Standard EDA Indicesâ€™ Quality and Robustness against Motion Artifact. <i>Sensors</i> , 2022, 22, 3177.	3.8	9
854	Facilitating relaxation and stress reduction in healthy participants through a virtual reality intervention: study protocol for a non-inferiority randomized controlled trial. <i>Trials</i> , 2022, 23, 380.	1.6	3
855	Selection of Noninvasive Features in Wrist-Based Wearable Sensors to Predict Blood Glucose Concentrations Using Machine Learning Algorithms. <i>Sensors</i> , 2022, 22, 3534.	3.8	2
856	New insights on the correspondence between subjective affective experience and physiological responses from representational similarity analysis. <i>Psychophysiology</i> , 2022, 59, e14088.	2.4	5
857	The human insula processes both modality-independent and pain-selective learning signals. <i>PLoS Biology</i> , 2022, 20, e3001540.	5.6	15
858	Assessing exposure to slip, trip, and fall hazards based on abnormal gait patterns predicted from confidence interval estimation. <i>Automation in Construction</i> , 2022, 139, 104253.	9.8	10
859	Challenges in Evaluating Technological Interventions for Affect Regulation. <i>IEEE Transactions on Affective Computing</i> , 2023, 14, 2430-2442.	8.3	0
860	AMSER: Adaptive Multimodal Sensing for Energy Efficient and Resilient eHealth Systems. , 2022, , .		4
862	Top-Down Influence Leads to a Reduced Sense of Body Ownership in Individuals With Depersonalization Tendencies: A Focus on Full Body Illusion. <i>Frontiers in Psychology</i> , 0, 13, .	2.1	0
863	The heart, brain, and body of marketing: Complementary roles of neurophysiological measures in tracking emotions, memory, and ad effectiveness. <i>Psychology and Marketing</i> , 2022, 39, 1979-1991.	8.2	13
864	`Secret in Their Eyes': Incorporating Eye-Tracking and Stress Indicator Data into Travel Behaviour Models. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
866	Watching Nature Videos Promotes Physiological Restoration: Evidence From the Modulation of Alpha Waves in Electroencephalography. <i>Frontiers in Psychology</i> , 0, 13, .	2.1	12
867	A Person-Centered Approach to Study Studentsâ€™ Socio-Emotional Interaction Profiles and Regulation of Collaborative Learning. <i>Frontiers in Education</i> , 0, 7, .	2.1	3
869	Top-Down Processing and Nature Connectedness Predict Psychological and Physiological Effects of Nature. <i>Environment and Behavior</i> , 2022, 54, 917-945.	4.7	9
870	Affective states and regulation of learning during <scp>socioâ€™emotional</scp> interactions in secondary school collaborative groups. <i>British Journal of Educational Psychology</i> , 2023, 93, 48-70.	2.9	14
871	Subjective and physiological responses towards daylight spaces with contemporary faÃ§ade patterns in virtual reality: Influence of sky type, space function, and latitude. <i>Journal of Environmental Psychology</i> , 2022, 82, 101839.	5.1	11

#	ARTICLE	IF	CITATIONS
872	Wearables: An R Package With Accompanying Shiny Application for Signal Analysis of a Wearable Device Targeted at Clinicians and Researchers. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	2.0	5
873	Prefrontal cortex oxygenation and autonomic nervous system activity under transcutaneous auricular vagus nerve stimulation in adolescents. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2022, 241, 103008.	2.8	9
874	Personality trait prediction by machine learning using physiological data and driving behavior. <i>Machine Learning With Applications</i> , 2022, 9, 100353.	4.4	7
875	Importance of Testing with Independent Subjects and Contexts for Machine-Learning Models to Monitor Construction Workersâ€™ Psychophysiological Responses. <i>Journal of Construction Engineering and Management - ASCE</i> , 2022, 148, .	3.8	5
876	Stress Level Estimation Based on Physiological Signals for Virtual Reality Applications. <i>IEEE Access</i> , 2022, 10, 68755-68767.	4.2	4
877	Enhancing self-management in type 1 diabetes with wearables and deep learning. <i>Npj Digital Medicine</i> , 2022, 5, .	10.9	23
878	Personal Analytics in the Science of Learning. , 2022, , 377-390.		0
880	Do People Get Used to Insulting Language?. <i>Frontiers in Communication</i> , 0, 7, .	1.2	1
882	Being in-sync: A multimodal framework on the emotional and cognitive synchronization of collaborative learners. <i>Frontiers in Education</i> , 0, 7, .	2.1	1
884	Head hemodynamics and systemic responses during auditory stimulation. <i>Physiological Reports</i> , 2022, 10, .	1.7	3
885	A data multiverse analysis investigating nonâ€model based <sc>SCR</sc> quantification approaches. <i>Psychophysiology</i> , 2022, 59, .	2.4	7
886	Investigating the negative bias towards artificial intelligence: Effects of prior assignment of AI-authorship on the aesthetic appreciation of abstract paintings. <i>Computers in Human Behavior</i> , 2022, 137, 107406.	8.5	14
887	On-road trust and perceived risk in Level 2 automation. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2022, 89, 355-370.	3.7	3
888	Low-invasive multisensor real-time acquisition system for the assessment of cardiorespiratory and skin conductance parameters. , 2022, , .		1
889	Identification and Classification of Driving-Related Stress Using Electrocardiogram and Skin Conductance Signals. , 2022, , .		0
890	Physiological characterization of electrodermal activity enables scalable near real-time autonomic nervous system activation inference. <i>PLoS Computational Biology</i> , 2022, 18, e1010275.	3.2	14
891	Wearable Sensing and Mining of the Informativeness of Older Adultsâ€™ Physiological, Behavioral, and Cognitive Responses to Detect Demanding Environmental Conditions. <i>Environment and Behavior</i> , 2022, 54, 1005-1057.	4.7	6
892	The Effects of Pedestrian Environment on Ambulation with a Walking Frame in Elderly Individuals: A Survey and Experimental Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9327.	2.6	0

#	ARTICLE	IF	CITATIONS
893	Control, anxiety and test performance: <scp>Self-reported</scp> and physiological indicators of anxiety as mediators. British Journal of Educational Psychology, 2023, 93, 72-89.	2.9	9
894	A Critical Review of Multimodal-multisensor Analytics for Anxiety Assessment. ACM Transactions on Computing for Healthcare, 2022, 3, 1-42.	5.0	5
895	Cognitive performance, creativity and stress levels of neurotypical young adults under different white noise levels. Scientific Reports, 2022, 12, .	3.3	11
896	Physical workplaces and human well-being: A mixed-methods study to quantify the effects of materials, windows, and representation on biobehavioral outcomes. Building and Environment, 2022, 224, 109516.	6.9	8
897	Emotional numbing in PTSD is associated with lower amygdala reactivity to pain. Neuropsychopharmacology, 2022, 47, 1913-1921.	5.4	2
900	Electrodermal activity measure: A methodological review. Annals of Tourism Research, 2022, 96, 103460.	6.4	10
901	Autonomic tone in children and adults: Pupillary, electrodermal and cardiac activity at rest. International Journal of Psychophysiology, 2022, 180, 68-78.	1.0	4
902	Take my advice: Physiological measures reveal that intrinsic emotion regulation is more effective under external guidance. International Journal of Psychophysiology, 2022, 180, 49-59.	1.0	1
903	Detecting and recognizing driver distraction through various data modality using machine learning: A review, recent advances, simplified framework and open challenges (2014â€“2021). Engineering Applications of Artificial Intelligence, 2022, 115, 105309.	8.1	13
904	Detecting stressful older adults-environment interactions to improve neighbourhood mobility: A multimodal physiological sensing, machine learning, and risk hotspot analysis-based approach. Building and Environment, 2022, 224, 109533.	6.9	2
905	Advanced prediction model for individual thermal comfort considering blood glucose and salivary cortisol. Building and Environment, 2022, 224, 109551.	6.9	13
906	Physiological computing for occupational health and safety in construction: Review, challenges and implications for future research. Advanced Engineering Informatics, 2022, 54, 101729.	8.0	4
907	Distinctive types of aversiveness are represented as the same in a portion of the dorsal anterior cingulate cortex: An fMRI study with the cue paradigm. Neuroscience, 2022, 503, 28-44.	2.3	0
908	Subtle interactions for distress regulation: Efficiency of a haptic wearable according to personality. International Journal of Human Computer Studies, 2022, 168, 102923.	5.6	3
909	Electrodermal activity for measuring cognitive and emotional stress level. Journal of Medical Signals and Sensors, 2022, 12, 155.	1.0	13
910	Integrating Self-Reports and Electrodermal Activity (EDA) Measurement in Studying Emotions in Professional Learning. Professional and Practice-based Learning, 2022, , 87-109.	0.4	3
911	Work-in-Progressâ€”Stress and Flow Assessment during a Virtual Reality Fire Extinguishing Training. , 2022, , .		0
912	Real-time Pilot Crew's Mental Workload and Arousal Assessment During Simulated Flights for Training Evaluation: a Case Study. , 2022, , .		3

#	ARTICLE	IF	CITATIONS
913	Exploring the connection between task difficulty, task perceptions, physiological arousal and learning outcomes in collaborative learning situations. <i>Metacognition and Learning</i> , 2022, 17, 793-811.	2.7	6
914	Systematic review: Wearable remote monitoring to detect nonalcohol/nonnicotine-related substance use disorder symptoms. <i>American Journal on Addictions</i> , 2022, 31, 535-545.	1.4	4
915	User Experience and Physiological Response in Human-Robot Collaboration: A Preliminary Investigation. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2022, 106, .	3.4	16
916	Toward Mental Effort Measurement Using Electrodermal Activity Features. <i>Sensors</i> , 2022, 22, 7363.	3.8	6
917	An Exploratory Study on the Effect of Virtual Environments on Cognitive Performances and Psychophysiological Responses. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2022, 25, 666-671.	3.9	7
918	Electrodermal Orienting Response During Active-Alert Hypnosis: Do Verbal Suggestions Influence Automatic Attentional Processes?. <i>International Journal of Clinical and Experimental Hypnosis</i> , 0, , 1-11.	1.8	1
919	ComEDA: A new tool for stress assessment based on electrodermal activity. <i>Computers in Biology and Medicine</i> , 2022, 150, 106144.	7.0	9
920	Passenger Experience of Simulated Urban Air Mobility Ride Quality: Responses to Large-Scale Motion. <i>IFAC-PapersOnLine</i> , 2022, 55, 138-143.	0.9	0
921	Modeling the Complex Interplay Between Monitoring Events for Regulated Learning with Psychological Networks. , 2022, , 79-104.		1
922	Electrodermal Activity Wrist-Based Systems. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2022, , 198-216.	0.3	0
923	The effects of visual context on visual-vestibular mismatch revealed by electrodermal and postural response measures. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2022, 19, .	4.6	1
924	Measuring the perceptual, physiological and environmental factors that impact stress in the construction industry. <i>Construction Innovation</i> , 2022, ahead-of-print, .	2.7	1
925	Social cognition deficits and biometric signatures in the behavioural variant of Alzheimer's disease. <i>Brain</i> , 2023, 146, 2163-2174.	7.6	4
926	An automated approach to estimate player experience in game events from psychophysiological data. <i>Multimedia Tools and Applications</i> , 0, , .	3.9	0
927	Graphene e-tattoos for unobstructive ambulatory electrodermal activity sensing on the palm enabled by heterogeneous serpentine ribbons. <i>Nature Communications</i> , 2022, 13, .	12.8	29
928	A mobile EEG study on the psychophysiological effects of walking and crowding in indoor and outdoor urban environments. <i>Scientific Reports</i> , 2022, 12, .	3.3	7
929	Constant installation of present orientation and safety (CIPOS) - subjective and physiological effects of an ultrashort-term intervention combining both stabilizing and confrontational elements. <i>Frontiers in Psychology</i> , 0, 13, .	2.1	1
930	An ecological investigation of the capacity to follow simultaneous speech and preferential detection of one's own name. <i>Cerebral Cortex</i> , 2023, 33, 5361-5374.	2.9	4

#	ARTICLE	IF	CITATIONS
931	Instructions and experiential learning have similar impacts on pain and pain-related brain responses but produce dissociations in value-based reversal learning. <i>ELife</i> , 0, 11, .	6.0	4
932	Is stress colorblind? Exploring endocrine stress responses in intergroup contexts using a virtual reality-based Trier Social Stress Test (TSST-VR). <i>Psychoneuroendocrinology</i> , 2023, 147, 105970.	2.7	3
933	Electrodermal response and its relationship with explicit response in controlled and real contexts: A case study with different beer styles. <i>Journal of Sensory Studies</i> , 0, , .	1.6	0
934	Prediction and Analysis of Stress Using Machine Learning: A Review. <i>Lecture Notes in Networks and Systems</i> , 2023, , 419-432.	0.7	1
935	On the influence of social robot in cognitive multitasking. <i>International Journal of Humanoid Robotics</i> , 0, , .	1.1	1
936	Food Evaluation in Augmented Reality Environments: Can AR Affect Behavioral and Psychophysiological Responses?. <i>Presence: Teleoperators and Virtual Environments</i> , 2020, 29, 201-222.	0.6	2
937	Machine Learning Techniques for Arousal Classification from Electrodermal Activity: A Systematic Review. <i>Sensors</i> , 2022, 22, 8886.	3.8	6
938	The causal role of affect sharing in driving vicarious fear learning. <i>PLoS ONE</i> , 2022, 17, e0277793.	2.5	3
939	The effects of illuminance on students' memory. A neuroarchitecture study. <i>Building and Environment</i> , 2023, 228, 109833.	6.9	15
940	The moderating role of creativity and the effect of virtual reality on stress and cognitive demand during preservice teacher learning. , 2022, 1, 100003.		0
941	Evaluating the mechanisms of social cognition intervention in schizophrenia: A proof-of-concept trial. <i>Psychiatry Research</i> , 2023, 319, 114963.	3.3	1
942	Greater place attachment to urban parks enhances relaxation: Examining affective and cognitive responses of locals and bi-cultural migrants to virtual park visits. <i>Landscape and Urban Planning</i> , 2023, 232, 104650.	7.5	8
943	Changes in Cerebral Oxygenation and Systemic Physiology During a Verbal Fluency Task: Differences Between Men and Women. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 17-22.	1.6	0
944	Exploring Affective Dimension Perception from Bodily Expressions and Electrodermal Activity in Paramedic Simulation Training. , 2022, , .		0
945	Investigating the Interplay Between Self-Reported and Bio-Behavioral Measures of Stress: A Pilot Study of Civilian Job Interviews with Military Veterans. , 2022, , .		0
946	Whole brain correlates of individual differences in skin conductance responses during discriminative fear conditioning to social cues. <i>ELife</i> , 0, 11, .	6.0	3
947	The effect of the modality principle to support learning with virtual reality: An eye-tracking and electrodermal activity study. <i>Journal of Computer Assisted Learning</i> , 2023, 39, 547-557.	5.1	7
948	Deconstructing Immersion in the Experience Economy Framework for Immersive Dining Experiences through Mixed Reality. <i>Foods</i> , 2022, 11, 3780.	4.3	2

#	ARTICLE	IF	CITATIONS
949	Electrodermal and postural responses in dizzy adults: Diagnostic indicators of vestibular migraine. Journal of Vestibular Research: Equilibrium and Orientation, 2022, , 1-12.	2.0	0
950	A review of studies on internet of everything as an enabler of neuromarketing methods and techniques. Journal of Supercomputing, 2023, 79, 7835-7876.	3.6	4
951	Horticultural Therapy May Reduce Psychological and Physiological Stress in Adolescents with Anorexia Nervosa: A Pilot Study. Nutrients, 2022, 14, 5198.	4.1	3
952	Embodying the avatar of an omnipotent agent modulates the perception of one's own abilities and enhances feelings of invulnerability. Scientific Reports, 2022, 12, .	3.3	3
954	Atypical Response to Affective Touch in Children with Autism: Multi-Parametric Exploration of the Autonomic System. Journal of Clinical Medicine, 2022, 11, 7146.	2.4	1
955	Sympathetic Arousal Detection in Horses Using Electrodermal Activity. Animals, 2023, 13, 229.	2.3	0
956	Memory representation of aversive social experiences in Social Anxiety Disorder. Journal of Anxiety Disorders, 2023, , 102669.	3.2	3
957	Does partial blockade of dopamine D2 receptors with Amisulpride cause anhedonia? An experimental study in healthy volunteers. Journal of Psychiatric Research, 2023, 158, 409-416.	3.1	2
958	The perils of acting rashly: Risk-taking propensity impeding emotion-based learning in entrepreneurs. Journal of International Entrepreneurship, 0, , .	3.0	2
959	A comparative evaluation of resting state proxies of sympathetic and parasympathetic nervous system activity in adolescent major depression. Journal of Neural Transmission, 2023, 130, 135-144.	2.8	2
960	Effect of emotion on galvanic skin response and vehicle control data during simulated driving. Transportation Research Part F: Traffic Psychology and Behaviour, 2023, 93, 90-105.	3.7	1
961	Inferring Takeover in SAE Level 2 Automated Vehicles Using Driver-Based Behavioral and Psychophysiological Signals. IFAC-PapersOnLine, 2022, 55, 7-12.	0.9	0
962	Increased pupil and heart rate responses to sexual stimuli in men after physical exertion. Psychophysiology, 0, , .	2.4	0
963	Consumer Neuroscience: A Neural Engineering Approach. , 2023, , 2861-2889.		0
964	An experimental focus on learning effect and interaction quality in human-robot collaboration. Production Engineering, 2023, 17, 355-380.	2.3	3
965	A blockchain-based secure Internet of medical things framework for stress detection. Information Sciences, 2023, 628, 377-390.	6.9	19
966	Neuroendocrine and psychophysiological investigation of the evolutionary roots of gossip. Scientific Reports, 2023, 13, .	3.3	0
967	More than a feeling: physiological measures of affect index the integration of effort costs and rewards during anticipatory effort evaluation. Cognitive, Affective and Behavioral Neuroscience, 2023, 23, 1129-1140.	2.0	3

#	ARTICLE	IF	CITATIONS
968	Examining the indirect effects of indoor environmental quality on task performance: The mediating roles of physiological response and emotion. <i>Building and Environment</i> , 2023, 236, 110298.	6.9	4
969	Quantitative evaluation of attraction intensity of highway landscape visual elements based on dynamic perception. <i>Environmental Impact Assessment Review</i> , 2023, 100, 107081.	9.2	7
970	Temporal stability of neurophysiological drug cue reactivity before and after acute stress in cannabis users: A test of incentive sensitization. <i>Drug and Alcohol Dependence</i> , 2023, 247, 109862.	3.2	0
971	The neurophysiological mechanisms underlying brand personality consumer attraction: EEG and GSR evidence. <i>Journal of Retailing and Consumer Services</i> , 2023, 73, 103296.	9.4	3
972	Virtual reality-based analysis of the effect of construction noise exposure on masonry work productivity. <i>Automation in Construction</i> , 2023, 150, 104844.	9.8	3
973	Stressed or engaged? Addressing the mixed significance of physiological activity during constructivist learning. <i>Computers and Education</i> , 2023, 199, 104784.	8.3	1
974	Self-Adjustable Galvanic Skin Response Sensor for Physiological Monitoring. <i>IEEE Sensors Journal</i> , 2023, 23, 3005-3019.	4.7	3
975	Context effects, skin conductance responses and personality traits “ Influencing variables on risk-taking within a modified version of the balloon analog risk task. <i>Biological Psychology</i> , 2023, 177, 108498.	2.2	2
976	Electrodermal Activity Implicating a Sympathetic Nervous System Response under the Perception of Sensing a Divine Presence”A Psychophysiological Analysis. <i>Psych</i> , 2023, 5, 102-112.	1.6	1
977	Virtual reality exposure therapy for reducing social anxiety in stuttering: A randomized controlled pilot trial. <i>Frontiers in Digital Health</i> , 0, 5, .	2.8	2
978	Towards a Protocol for Preference Evaluation of Cosmetic Products Using Physiological Sensors. , 2022, , .		0
979	Onsite restorative effect of a rural ecological farm versus an urban public greenery space. <i>Landscape and Ecological Engineering</i> , 0, , .	1.5	1
980	Using Wearable Sensors to Form a Relationship Between Driver Stress and Aggressive Driving Habits. <i>Lecture Notes in Mechanical Engineering</i> , 2023, , 333-342.	0.4	0
981	Detection of dynamic changes of electrodermal activity to predict the classroom performance of college students. <i>Cognitive Neurodynamics</i> , 2024, 18, 173-184.	4.0	0
982	A Computational Approach to Examining Team Coordination Breakdowns During Crisis Situations. <i>Journal of Cognitive Engineering and Decision Making</i> , 2023, 17, 256-278.	2.3	3
983	Oscillatory and non-oscillatory brain activity reflects fear expression in an immediate and delayed fear extinction task. <i>Psychophysiology</i> , 2023, 60, .	2.4	3
984	Pupil dilation tracks divergent learning processes in aware versus unaware Pavlovian conditioning. <i>Psychophysiology</i> , 2023, 60, .	2.4	1
985	Robustness of Physiological Synchrony in Wearable Electrodermal Activity and Heart Rate as a Measure of Attentional Engagement to Movie Clips. <i>Sensors</i> , 2023, 23, 3006.	3.8	3

#	ARTICLE	IF	CITATIONS
986	Phantom Undulations: Remote Physiological Sensing in Abstract Installation Works. , 2023, , .		1
987	Affective Umbrella â€“ A Wearable System to Visualize Heart and Electrodermal Activity, towards Emotion Regulation through Somaesthetic Appreciation. , 2023, , .		2
988	Tolerancia a Entornos Virtuales Inmersivos multisensoriales y medida electrodermal Ratio como identificador de poblaciÃ³n TEA. , 2023, 54, 115-133.		1
989	Pain perception and physiological responses are modulated by active support from a romantic partner. Psychophysiology, 2023, 60, .	2.4	1
990	Feeling Small or Standing Tall? Height Manipulation Affects Speech Anxiety and Arousal in Virtual Reality. Cyberpsychology, Behavior, and Social Networking, 2023, 26, 246-254.	3.9	0
991	Wearable Multisensor Ring-Shaped Probe for Assessing Stress and Blood Oxygenation: Design and Preliminary Measurements. Biosensors, 2023, 13, 460.	4.7	4
992	Cognitive Stress Regulation in Schizophrenia Patients and Healthy Individuals: Brain and Behavior. Journal of Clinical Medicine, 2023, 12, 2749.	2.4	0
993	Virtual and Reality: A Neurophysiological Pilot Study of the Sarcophagus of the Spouses. Brain Sciences, 2023, 13, 635.	2.3	1
994	A COMPARATIVE ANALYSIS OF EDA DECOMPOSITION METHODS FOR IMPROVED EMOTION RECOGNITION. Journal of Mechanics in Medicine and Biology, 2023, 23, .	0.7	2
995	ELECTRODERMAL ACTIVITY-BASED ANALYSIS OF EMOTION RECOGNITION USING TEMPORAL-MORPHOLOGICAL FEATURES AND MACHINE LEARNING ALGORITHMS. Journal of Mechanics in Medicine and Biology, 2023, 23, .	0.7	2
996	Assessing the Impact of AR HUDs and Risk Level on User Experience in Self-Driving Cars: Results from a Realistic Driving Simulation. Applied Sciences (Switzerland), 2023, 13, 4952.	2.5	2
997	Wearable Sensors to Evaluate Autonomic Response to Olfactory Stimulation: The Influence of Short, Intensive Sensory Training. Biosensors, 2023, 13, 478.	4.7	4
998	Evaluation of a collaborative reading annotation system through multimodal data analysis. , 2023, , .		1
999	Bias-Aware Systems: Exploring Indicators for the Occurrences of Cognitive Biases when Facing Different Opinions. , 2023, , .		3
1000	Investigating the Physiological and Psychological Effect of an Interactive Musical Interface for Stress and Anxiety Reduction. , 2023, , .		0
1001	Altered interaction of physiological activity and behavior affects risky decision-making in ADHD. Frontiers in Human Neuroscience, 0, 17, .	2.0	0
1002	Quantification of visual thermal perception changes in a wooden interior environment using physiological responses and immersive virtual environment. Building and Environment, 2023, 240, 110420.	6.9	9
1003	Deviations in continuously monitored electrodermal activity before severe clinical complications: a clinical prospective observational explorative cohort study. Journal of Clinical Monitoring and Computing, 0, , .	1.6	1

#	ARTICLE	IF	CITATIONS
1004	Synchrony in psychotherapy: High physiological positive concordance predicts symptom reduction and negative concordance predicts symptom aggravation. International Journal of Methods in Psychiatric Research, 2024, 33, .	2.1	2
1005	Mindful Coping Power Effects on Children's Autonomic Nervous System Functioning and Long-Term Behavioral Outcomes. Journal of Clinical Medicine, 2023, 12, 3621.	2.4	0
1006	SentiTrust: A New Trust Model for Decentralized Online Social Media. IEEE Access, 2023, 11, 53401-53417.	4.2	0
1007	Sensor-based detection of individual walkability perception to promote healthy communities. Smart Health, 2023, 29, 100414.	3.2	0
1008	Rapid Unconscious Acquisition of Conditioned Fear with Low-Spatial-Frequency but Emotionally Neutral Stimuli. Research, 2023, 6, .	5.7	0
1009	Systematic Review: Emotion Recognition Based on Electrophysiological Patterns for Emotion Regulation Detection. Applied Sciences (Switzerland), 2023, 13, 6896.	2.5	1
1010	Neural correlates of immediate versus delayed extinction when simultaneously varying the time of the test in humans. Cerebral Cortex, 0, , .	2.9	1
1011	Human ventromedial prefrontal cortex lesions enhance the effect of expectations on pain perception. Cortex, 2023, 166, 188-206.	2.4	1
1012	Neurophysiological Evidence for Semantic Processing of Irrelevant Speech and Own-Name Detection in a Virtual Café. Journal of Neuroscience, 2023, 43, 5045-5056.	3.6	2
1013	Physiological and Socio-Behavioral Determinants of Viral Video User Engagement. , 2023, , .		0
1014	Physiological synchrony in electrodermal activity predicts decreased vigilant attention induced by sleep deprivation. Frontiers in Neuroergonomics, 0, 4, .	1.1	0
1015	Cognitive Reflection and Decision-Making Accuracy: Examining Their Relation and Boundary Conditions in the Context of Evidence-based Management. Journal of Business and Psychology, 2024, 39, 249-273.	4.0	1
1016	Measuring Physiological Responses to Visualizations of Urban Planning Scenarios in Immersive Virtual Reality. KN - Journal of Cartography and Geographic Information, 2023, 73, 117-126.	2.4	4
1017	The Effect of Demanding Mental Tasks on Electrodermal Activity and Heart Rate During Physical Activity: A Pilot Study. IEEE Access, 2023, 11, 46665-46677.	4.2	0
1018	A proof-of-concept investigation of multi-modal physiological signal responses to acute mental stress. Biomedical Signal Processing and Control, 2023, 85, 105001.	5.7	2
1020	Impacts of Stress on Workers's Risk-Taking Behaviors: Cognitive Tunneling and Impaired Selective Attention. Journal of Construction Engineering and Management - ASCE, 2023, 149, .	3.8	5
1022	Automatic artifact recognition and correction for electrodermal activity based on LSTM-CNN models. Expert Systems With Applications, 2023, 230, 120581.	7.6	1
1023	Electrodermal Activity in the Evaluation of Engagement for Telemedicine Applications. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
1024	Wearable Technologies for Electrodermal and Cardiac Activity Measurements: A Comparison between Fitbit Sense, Empatica E4 and Shimmer GSR3+. <i>Sensors</i> , 2023, 23, 5847.	3.8	2
1026	Using a haptic dynamic clamp to reduce arousal: preference, arousal, and coordination stability are related. <i>Experimental Brain Research</i> , 0, , .	1.5	0
1027	Exploring Emotional and Physiological Reactions to Linguistic Racism: A Case Study in Higher Education. <i>Communications in Computer and Information Science</i> , 2023, , 529-535.	0.5	0
1028	Mindfulness-Oriented Recovery Enhancement reduces post-traumatic stress via reappraisal among patients with chronic pain and co-occurring opioid misuse. , 2023, 1, 489-500.		1
1029	Conflict experience and resolution underlying obedience to authority. <i>Scientific Reports</i> , 2023, 13, .	3.3	1
1030	Examining the effects of tempo in background music on adolescent learnersâ€™ reading comprehension performance: employing a multimodal approach. <i>Instructional Science</i> , 2024, 52, 71-88.	2.0	0
1031	Aesthetic and physiological effects of naturalistic multimodal music listening. <i>Cognition</i> , 2023, 239, 105537.	2.2	2
1032	Listening Effort in Tinnitus: A Pilot Study Employing a Light EEG Headset and Skin Conductance Assessment during the Listening to a Continuous Speech Stimulus under Different SNR Conditions. <i>Brain Sciences</i> , 2023, 13, 1084.	2.3	1
1033	Open-office noise and information processing. <i>Journal of Managerial Psychology</i> , 2023, 38, 404-418.	2.2	1
1034	Testing the somatic marker hypothesis in decisions-from-experience with non-stationary outcome probabilities. <i>Frontiers in Psychology</i> , 0, 14, .	2.1	0
1035	The effect of background audio and audiovisual stimuli on students' autonomic responses during and after an experimental academic examination. <i>Brain and Behavior</i> , 2023, 13, .	2.2	1
1036	Outdoor Worker Stress Monitoring Electronics with Nanofabric Radiative Coolerâ€™Based Thermal Management. <i>Advanced Healthcare Materials</i> , 2023, 12, .	7.6	2
1037	Enhancing precision in human neuroscience. <i>ELife</i> , 0, 12, .	6.0	4
1039	The psychophysiological reactivity to beaches vs. to green and urban environments: insights from a virtual reality experiment. <i>Journal of Environmental Psychology</i> , 2023, 91, 102103.	5.1	0
1040	Stress recovery at home: Effects of the indoor visual and auditory stimuli in buildings. <i>Building and Environment</i> , 2023, 244, 110752.	6.9	0
1041	Exploring emotional stimulation to better address BPSD: Analysis of heart rate variability, electrodermal activity, mood alterations and its ethical implications of in dementia care. , 2022, , .		0
1042	Time-Dependent Analysis of Human Neurophysiological Activities during an Ecological Olfactory Experience. <i>Brain Sciences</i> , 2023, 13, 1242.	2.3	0
1043	Facial functional networks during resting state revealed by thermal infrared imaging. <i>Physical and Engineering Sciences in Medicine</i> , 0, , .	2.4	0

#	ARTICLE	IF	CITATIONS
1044	Psychophysiological stress influences temporal accuracy. Experimental Brain Research, 2023, 241, 2229-2240.	1.5	1
1045	Exploring Biosignals for Quantitative Pain Assessment in Cancer Patients: A Proof of Concept. Electronics (Switzerland), 2023, 12, 3716.	3.1	0
1046	Nocebo effects in visceral pain: concept and design of the experimental randomized-controlled pain study â€˜NoVisâ€™. Frontiers in Psychiatry, 0, 14, .	2.6	0
1047	Motivation moderates gender differences in navigation performance. Scientific Reports, 2023, 13, .	3.3	4
1048	Audience synchronies in live concerts illustrate the embodiment of music experience. Scientific Reports, 2023, 13, .	3.3	1
1049	Effects of environmental colours in virtual reality: Physiological arousal affected by lightness and hue. Royal Society Open Science, 2023, 10, .	2.4	3
1050	Adapting Visual Complexity Based on Electrodermal Activity Improves Working Memory Performance in Virtual Reality. Proceedings of the ACM on Human-Computer Interaction, 2023, 7, 1-26.	3.3	9
1051	Real-Time Trust Prediction in Conditionally Automated Driving Using Physiological Measures. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 14642-14650.	8.0	3
1052	LSTM-based network churn classification from EDA phasic data. , 2023, , .		0
1053	Monitoring Inattention in Construction Workers Caused by Physical Fatigue Using Electrocardiograph (ECG) and Galvanic Skin Response (GSR) Sensors. Sensors, 2023, 23, 7405.	3.8	0
1054	Research on Emotion Recognition Method of Flight Training Based on Multimodal Fusion. International Journal of Human-Computer Interaction, 0, , 1-14.	4.8	0
1055	Tourism destination advertising: effect of storytelling and sensory stimuli on arousal and memorability. Tourism Review, 0, , .	6.4	0
1056	Federated learning inspired privacy sensitive emotion recognition based on multi-modal physiological sensors. Cluster Computing, 0, , .	5.0	1
1057	What and When to Explain?. , 2023, 7, 1-26.		1
1058	Predicting video virality and viewer engagement: a biometric data and machine learning approach. Behaviour and Information Technology, 0, , 1-27.	4.0	0
1059	Modular vertically-integrated skin patch for biosignal measurements. Flexible and Printed Electronics, 2023, 8, 045002.	2.7	0
1060	Understanding the Physiological Arousal of Novice Performance Drivers for the Design of Intelligent Driving Systems. , 2023, , .		0
1061	Pain-preferential thalamocortical neural dynamics across species. Nature Human Behaviour, 0, , .	12.0	0

#	ARTICLE	IF	CITATIONS
1062	Simulation of ambulatory electrodermal activity and the handling of low-quality segments. Computer Methods and Programs in Biomedicine, 2023, 242, 107859.	4.7	1
1063	The Electrodermal Activity of Player Experience in Virtual Reality Games: An Extended Evaluation of the Phasic Component. Communications in Computer and Information Science, 2023, , 203-221.	0.5	0
1065	Analyzing physiological signals recorded with a wearable sensor across the menstrual cycle using circular statistics. Frontiers in Network Physiology, 0, 3, .	1.8	0
1066	Emotional arousal in customer experience: A dynamic view. Journal of Business Research, 2024, 170, 114344.	10.2	0
1067	A video-game-based method to induce states of high and low flow. Behavior Research Methods, 0, , .	4.0	0
1068	The effects of human-robot interaction modality on workers' mental stress. Proceedings of the Human Factors and Ergonomics Society, 0, , .	0.3	0
1069	Predicting Office Workers' Productivity: A Machine Learning Approach Integrating Physiological, Behavioral, and Psychological Indicators. Sensors, 2023, 23, 8694.	3.8	2
1070	Evaluation of Data Processing and Artifact Removal Approaches Used for Physiological Signals Captured Using Wearable Sensing Devices during Construction Tasks. Journal of Construction Engineering and Management - ASCE, 2024, 150, .	3.8	0
1071	Interfaces of Dialogue: A Mixed Methods Approach to Investigating Intersubjectivity in Dyadic Improvisations. Music & Science, 2023, 6, .	1.0	0
1072	How multi-modal approaches support engineering and computing education research. Australasian Journal of Engineering Education, 2023, 28, 124-139.	1.4	3
1073	Emotion Recognition from Physiological Signals Collected with a Wrist Device and Emotional Recall. Bioengineering, 2023, 10, 1308.	3.5	0
1074	An explorative single-arm clinical study to assess craving in patients with alcohol use disorder using Virtual Reality exposure (CRAVE)' study protocol. BMC Psychiatry, 2023, 23, .	2.6	0
1075	Assessment of the human response to acute mental stress'An overview and a multimodal study. PLoS ONE, 2023, 18, e0294069.	2.5	2
1076	Neurophysiological mental fatigue assessment for developing user-centered Artificial Intelligence as a solution for autonomous driving. Frontiers in Neurorobotics, 0, 17, .	2.8	1
1077	Comparative Analysis of ECG-derived Skin Nerve Activity and Electrodermal Activity for Assessing Sympathetic Activity. , 2023, , .		0
1078	The Invisible ' Experienced: Developing and Verifying a VR Application for Understanding Air Pollution Perception and Attitudes. , 2023, , .		0
1079	Understanding the combined effects of sleep deprivation and acute social stress on cognitive performance using a comprehensive approach. Brain, Behavior, & Immunity - Health, 2023, 34, 100706.	2.5	0
1080	Sparse Multichannel Decomposition of Electrodermal Activity With Physiological Priors. IEEE Open Journal of Engineering in Medicine and Biology, 2023, 4, 234-250.	2.3	0

#	ARTICLE	IF	CITATIONS
1081	Temporal Summation of the Thermal Grill Illusion is Comparable to That Observed Following Noxious Heat. <i>Journal of Pain</i> , 2023, , .	1.4	1
1082	Modeling Online Adaptive Navigation in Virtual Environments Based on PID Control. <i>Communications in Computer and Information Science</i> , 2024, , 325-346.	0.5	0
1083	The impact of past childhood adversity and recent life events on neural responses during fear conditioning. <i>Journal of Neuroimaging</i> , 0, , .	2.0	0
1084	How Behavioral, Photographic, and Interactional Realism Influence the Sense of Co-Presence in VR. An Investigation with Psychophysiological Measurement. <i>International Journal of Human-Computer Interaction</i> , 0, , 1-16.	4.8	1
1085	Taste the emotions – Pilot for a novel, sensors-based approach to emotional analysis during coffee tasting. <i>Journal of the Science of Food and Agriculture</i> , 0, , .	3.5	0
1086	Exploring quantitative assessment of cybersickness in virtual reality using EEG signals and a CNN-ECA-LSTM network. <i>Displays</i> , 2024, 81, 102602.	3.7	0
1087	Well-being in Isolation: Exploring Artistic Immersive Virtual Environments in a Simulated Lunar Habitat to Alleviate Asthenia Symptoms. , 2023, , .		0
1088	Explainable stress type classification captures physiologically relevant responses in the Maastricht Acute Stress Test. <i>Frontiers in Neuroergonomics</i> , 0, 4, .	1.1	0
1090	Investigation of different ML approaches in classification of emotions induced by acute stress. <i>Heliyon</i> , 2024, 10, e23611.	3.2	0
1091	The Facts or the Story? It Takes Both to Sensitize People About Unknown Health Hazards. <i>Journal of Health Communication</i> , 2024, 29, 107-118.	2.4	0
1092	On the Distribution of Electrodermal Activity Properties as a Tool for Teaching Soft Skills. , 2023, , .		0
1093	Detecting deceit within a predominantly true statement using two parallel assessment methods: A pilot study. <i>Journal of Military Studies</i> , 2023, , .	0.4	0
1094	Personalized virtual reality exposure for panic disorder and agoraphobia: A preliminary neurophysiological study. <i>Comprehensive Psychiatry</i> , 2024, 129, 152447.	3.1	0
1095	Electro-oculographic Discrimination of Gazing Motion to a Smartphone Notification Tone. <i>Communications in Computer and Information Science</i> , 2023, , 187-200.	0.5	0
1098	Assessing biodiversity's impact on stress and affect from urban to conservation areas: A virtual reality study. <i>Ecological Indicators</i> , 2024, 158, 111532.	6.3	0
1099	Electrodermal activity as an index of food neophobia outside the lab. <i>Frontiers in Neuroergonomics</i> , 0, 4, .	1.1	0
1100	Emotion beliefs, emotion regulation strategies, and test anxiety of Chinese adolescents in grade 8: Evidence from physiological recordings during an exam. <i>Stress and Health</i> , 0, , .	2.6	0
1101	Behavioral and physiological responses to takeovers in different scenarios during conditionally automated driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2024, 101, 320-331.	3.7	0

#	ARTICLE	IF	CITATIONS
1102	Stress appraisal in the workplace and its associations with productivity and mood: Insights from a multimodal machine learning analysis. PLoS ONE, 2024, 19, e0296468.	2.5	0
1103	Emotional State Evaluation in Driving Simulations: PC Versus Virtual Theater. IFMBE Proceedings, 2024, , 108-113.	0.3	0
1105	Exploring the impact of human-robot interaction on workers' mental stress in collaborative assembly tasks. Applied Ergonomics, 2024, 116, 104224.	3.1	0
1106	Understanding the role of emotion in decision making process: using machine learning to analyze physiological responses to visual, auditory, and combined stimulation. Frontiers in Human Neuroscience, 0, 17, .	2.0	0
1108	Social exclusion evokes different psychophysiological responses in individuals high on the psychopathy facets fearless dominance and self-centered impulsivity. Frontiers in Psychiatry, 0, 14, .	2.6	0
1109	Social Presence Mediates Audience Behavior Effects on Social Stress in Virtual Public Speaking. , 2023, , .		0
1110	Cerebral, systemic physiological and behavioral responses to colored light exposure during a cognitive task: A SPA-fNIRS study. Behavioural Brain Research, 2024, 462, 114884.	2.2	0
1111	Comparative analysis of electrodermal activity metrics and their association with child behavior in autism spectrum disorder. Developmental Psychobiology, 2024, 66, .	1.6	0
1112	Measurements of Electrodermal Activity, Tissue Oxygen Saturation, and Visual Analog Scale for Different Cuff Pressures. Sensors, 2024, 24, 917.	3.8	0
1113	Multimodal measurements enhance insights into emotional responses to immediate feedback. Frontiers in Psychology, 0, 14, .	2.1	0
1114	Comparison of Electrodermal Activity Signal Decomposition Techniques for Emotion Recognition. IEEE Access, 2024, 12, 19952-19966.	4.2	0
1115	The role of urban green space in promoting health and well-being is related to nature connectedness and biodiversity: Evidence from a two-factor mixed-design experiment. Landscape and Urban Planning, 2024, 245, 105020.	7.5	0
1116	Objective Measurement of Experiences in Tourism and Hospitality: A Systematic Review of Methodological Approaches and Best Practices. Journal of Hospitality and Tourism Research, 0, , .	2.9	0
1117	Systemic neurophysiological signals of auditory predictive coding. Psychophysiology, 0, , .	2.4	0
1118	Designing for Trust: How Human-Machine Interface Can Shape the Future of Urban Air Mobility. International Journal of Human-Computer Interaction, 0, , 1-14.	4.8	0
1119	Prototyping and Evaluation of Emotionally Resonant Vibrotactile Comfort Objects as a Calming Social Anxiety Intervention. ACM Transactions on Computer-Human Interaction, 0, , .	5.7	0
1120	Physiological Signals based Student Grades Prediction using Machine Learning. , 2023, , .		0
1121	Quantifying Exam Stress Progressions Using Electrodermal Activity and Machine Learning. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
1122	The Role of Eco-Driving and Wearable Sensors in Industry 4.0. Engineering Asset Management Review, 2024, , 207-230.	0.1	0
1123	A Visual Protocol Analysis Method for Collecting Driving Cognitions in Multi-user Driving Simulator Studies. , 2023, , .		0
1124	Like a human: The social facilitation/inhibition effect in presence of a virtual observer depends on arousal. Virtual Reality, 2024, 28, .	6.1	0
1125	Comparative feasibility study of physiological signals from wristband-type wearable sensors to assess occupants' thermal comfort. Energy and Buildings, 2024, 308, 114032.	6.7	0
1126	Experimenting with audio description. Translation, Cognition and Behavior, 2023, 6, 211-229.	1.1	0
1127	Detection of arousal and valence from facial expressions and physiological responses evoked by different types of stressors. Frontiers in Neuroergonomics, 0, 5, .	1.1	0
1128	From lab to life: Evaluating the reliability and validity of psychophysiological data from wearable devices in laboratory and ambulatory settings. Behavior Research Methods, 0, , .	4.0	0
1130	Decoupling the role of verbal and non-verbal audience behavior on public speaking anxiety in virtual reality using behavioral and psychological measures. Frontiers in Virtual Reality, 0, 5, .	3.7	0