## ADJUST: An automatic EEG artifact detector based on tl features

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**Citation Report** 

#	Article	IF	CITATIONS
1	Probing the cortical network underlying the psychological refractory period: A combined EEG–fMRI study. NeuroImage, 2011, 56, 1608-1621.	4.2	44
2	In the blink of an eye: The contribution of microsaccadic activity to the induced gamma band response. International Journal of Psychophysiology, 2011, 79, 73-82.	1.0	22
3	Automatic Classification of Artifactual ICA-Components for Artifact Removal in EEG Signals. Behavioral and Brain Functions, 2011, 7, 30.	3.3	532
4	Assessment of artefact suppression by ICA and spatial filtering on reduced sets of EEG signals. , 2011, 2011, 4422-5.		3
5	Common <scp>N</scp> 1 and mismatch negativity neural evoked components are revealed by independent component modelâ€based clustering analysis. Psychophysiology, 2012, 49, 1622-1631.	2.4	6
6	Spatial cueing modulates the monitoring of correct responses. Neuroscience Letters, 2012, 506, 225-228.	2.1	7
7	Is the rapid adaptation paradigm too rapid? Implications for face and object processing. NeuroImage, 2012, 61, 812-822.	4.2	23
8	Let's face it, from trial to trial: Comparing procedures for N170 single-trial estimation. NeuroImage, 2012, 63, 1196-1202.	4.2	39
9	Neurological Evidence Linguistic Processes Precede Perceptual Simulation in Conceptual Processing. Frontiers in Psychology, 2012, 3, 385.	2.1	36
10	Time Course of Information Processing in Visual and Haptic Object Classification. Frontiers in Human Neuroscience, 2012, 6, 49.	2.0	19
11	Personality and error monitoring: an update. Frontiers in Human Neuroscience, 2012, 6, 171.	2.0	17
12	Probing neural activations from continuous EEG in a real-world task: Time-frequency independent component analysis. Journal of Neuroscience Methods, 2012, 209, 22-34.	2.5	43
13	An ERP study of structural anomalies in native and semantic free artificial grammar: Evidence for shared processing mechanisms. Brain Research, 2013, 1527, 149-160.	2.2	16
14	Automatic and Direct Identification of Blink Components from Scalp EEG. Sensors, 2013, 13, 10783-10801.	3.8	37
15	Alleviating Memory Impairment through Distraction. Journal of Neuroscience, 2013, 33, 19012-19022.	3.6	10
16	Investigation of independent components based EEG metrics for mental fatigue in simulated ATC task. , 2013, , .		4
17	Effect-size-based electrode and feature selection for emotion recognition from EEG. , 2013, , .		13
18	Measure projection analysis: A probabilistic approach to EEG source comparison and multi-subject inference. NeuroImage, 2013, 72, 287-303.	4.2	80

#	Article	IF	CITATIONS
19	Electrophysiological correlates of block-wise strategic adaptations to consciously and unconsciously triggered conflict. Neuropsychologia, 2013, 51, 2791-2798.	1.6	18
20	Brain connectivity of patients with Alzheimer's disease by coherence and cross mutual information of electroencephalograms during photic stimulation. Medical Engineering and Physics, 2013, 35, 241-252.	1.7	10
21	The role of outcome expectations in the generation of the feedbackâ€related negativity. Psychophysiology, 2013, 50, 125-133.	2.4	37
22	A novel approach to predict subjective pain perception from single-trial laser-evoked potentials. NeuroImage, 2013, 81, 283-293.	4.2	113
23	Splitting of the P3 component during dual-task processing in a patient with posterior callosal section. Cortex, 2013, 49, 730-747.	2.4	4
24	Differentiated Brain Activity in Response to Faces of "Own―Versus "Unfamiliar―Babies in Primipara Mothers: An Electrophysiological Study. Developmental Neuropsychology, 2013, 38, 365-385.	1.4	36
25	Detection of artifacts from high energy bursts in neonatal EEG. Computers in Biology and Medicine, 2013, 43, 1804-1814.	7.0	22
26	TMS-induced EEG Artifacts Removal Methods based on Cross-Correlation Coefficients of ICA Components. International Journal of Bio-Science and Bio-Technology, 2013, 5, 161-170.	0.2	2
27	Gyroscope-Driven Mouse Pointer with an EMOTIV® EEG Headset and Data Analysis Based on Empirical Mode Decomposition. Sensors, 2013, 13, 10561-10583.	3.8	20
28	EOG Artifact Correction from EEG Recording Using Stationary Subspace Analysis and Empirical Mode Decomposition. Sensors, 2013, 13, 14839-14859.	3.8	68
29	Cocaine Dependent Individuals and Gamblers Present Different Associative Learning Anomalies in Feedback-Driven Decision Making: A Behavioral and ERP Study. Frontiers in Psychology, 2013, 4, 122.	2.1	26
30	A Comparison of Evaluation Measures for Emotion Recognition in Dimensional Space. , 2013, , .		3
31	EyeCatch: Data-mining over half a million EEG independent components to construct a fully-automated eye-component detector. , 2013, 2013, 5845-8.		52
32	Integrative EEG biomarkers predict progression to Alzheimer's disease at the MCI stage. Frontiers in Aging Neuroscience, 2013, 5, 58.	3.4	143
33	Emotional and non-emotional pathways to impulsive behavior and addiction. Frontiers in Human Neuroscience, 2013, 7, 43.	2.0	74
34	The Amsterdam Resting-State Questionnaire reveals multiple phenotypes of resting-state cognition. Frontiers in Human Neuroscience, 2013, 7, 446.	2.0	130
35	Electrophysiological Responses to Alcohol Cues Are Not Associated with Pavlovian-to-Instrumental Transfer in Social Drinkers. PLoS ONE, 2014, 9, e94605.	2.5	59
36	Removal of EOG Artifacts from EEG Recordings Using Stationary Subspace Analysis. Scientific World Journal, The, 2014, 2014, 1-9.	2.1	12

#	Article	IF	CITATIONS
37	The effects of automated artifact removal algorithms on electroencephalography-based Alzheimer's disease diagnosis. Frontiers in Aging Neuroscience, 2014, 6, 55.	3.4	55
38	ERPLAB: an open-source toolbox for the analysis of event-related potentials. Frontiers in Human Neuroscience, 2014, 8, 213.	2.0	1,678
39	Common Mechanisms of Spatial Attention in Memory and Perception: A Tactile Dual-Task Study. Cerebral Cortex, 2014, 24, 707-718.	2.9	16
40	Viewer perspective in the mirroring of actions. Experimental Brain Research, 2014, 232, 3665-3674.	1.5	18
41	A Wearable Neuro-Feedback System With EEG-Based Mental Status Monitoring and Transcranial Electrical Stimulation. IEEE Transactions on Biomedical Circuits and Systems, 2014, 8, 755-764.	4.0	38
42	Dynamic modulation of shared sensory and motor cortical rhythms mediates speech and non-speech discrimination performance. Frontiers in Psychology, 2014, 5, 366.	2.1	24
43	Sequential effects in continued visual search: Using fixationâ€related potentials to compare distractor processing before and after target detection. Psychophysiology, 2014, 51, 385-395.	2.4	27
44	Effect of synchronized or desynchronized music listening during osteopathic treatment: An <scp>EEG</scp> study. Psychophysiology, 2014, 51, 52-59.	2.4	3
45	Connectivity based feature-level filtering for single-trial EEG BCIs. , 2014, , .		3
46	Does electroencephalogram phase variability account for reduced P3 brain potential in externalizing disorders?. Clinical Neurophysiology, 2014, 125, 2007-2015.	1.5	20
47	Delirium Detection Based on Monitoring of Blinks and Eye Movements. American Journal of Geriatric Psychiatry, 2014, 22, 1575-1582.	1.2	11
48	Emotional modulation of attention affects time perception: Evidence from event-related potentials. Acta Psychologica, 2014, 149, 148-156.	1.5	35
49	The Ground Side of an Object. Psychological Science, 2014, 25, 256-264.	3.3	30
50	An EEGLAB plugin to analyze individual EEG alpha rhythms using the "channel reactivity-based method― Computer Methods and Programs in Biomedicine, 2014, 113, 853-861.	4.7	11
51	Preparation for action: Psychophysiological activity preceding a motor skill as a function of expertise, performance outcome, and psychological pressure. Psychophysiology, 2014, 51, 374-384.	2.4	76
52	Robust artifactual independent component classification for BCI practitioners. Journal of Neural Engineering, 2014, 11, 035013.	3.5	244
53	Bayesian correlated component analysis for inference of joint EEG activation. , 2014, , .		0
54	PureEEG: Automatic EEG artifact removal for epilepsy monitoring. Neurophysiologie Clinique, 2014, 44, 479-490.	2.2	29

#	Article	IF	CITATIONS
55	Differential contributions of worry, anxiety, and obsessive compulsive symptoms to ERN amplitudes in response monitoring and reinforcement learning tasks. Neuropsychologia, 2014, 61, 197-209.	1.6	40
56	Single-Trial EEG Classification Using Logistic Regression Based on Ensemble Synchronization. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1074-1080.	6.3	24
57	Disruption of sensory gating by moderate alcohol doses. Psychopharmacology, 2014, 231, 4393-4402.	3.1	13
58	Effects of negative content on the processing of gender information: An event-related potential study. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 1286-1299.	2.0	23
59	Automatic Identification and Removal of Ocular Artifacts in EEG—Improved Adaptive Predictor Filtering for Portable Applications. IEEE Transactions on Nanobioscience, 2014, 13, 109-117.	3.3	63
60	Age-related changes of frontal-midline theta is predictive of efficient memory maintenance. Neuroscience, 2014, 273, 152-162.	2.3	45
61	Frontal midline theta connectivity is related to efficiency of WM maintenance and is affected by aging. Neurobiology of Learning and Memory, 2014, 114, 58-69.	1.9	55
62	Effects of eye artifact removal methods on single trial P300 detection, a comparative study. Journal of Neuroscience Methods, 2014, 221, 41-47.	2.5	35
63	18.5 A 2.14mW EEG neuro-feedback processor with transcranial electrical stimulation for mental-health management. , 2014, , .		6
64	Premovement highâ€alpha power is modulated by previous movement errors: Indirect evidence to endorse highâ€alpha power as a marker of resource allocation during motor programming. Psychophysiology, 2015, 52, 977-981.	2.4	31
65	Spatioâ€ŧemporal distribution of brain activity associated with audioâ€visually congruent and incongruent speech and the McGurk Effect. Brain and Behavior, 2015, 5, e00407.	2.2	5
66	How to Measure Rhetorical Impact of Teaching and their Levels of Persuasion: A Neuro-rhetoric Approach. Annals of Data Science, 2015, 2, 403-419.	3.2	0
67	EEG biometric identification: a thorough exploration of the time-frequency domain. Journal of Neural Engineering, 2015, 12, 056019.	3.5	69
68	Effects of user mental state on EEG-BCI performance. Frontiers in Human Neuroscience, 2015, 9, 308.	2.0	142
69	The PREP pipeline: standardized preprocessing for large-scale EEG analysis. Frontiers in Neuroinformatics, 2015, 9, 16.	2.5	730
70	EEG resolutions in detecting and decoding finger movements from spectral analysis. Frontiers in Neuroscience, 2015, 9, 308.	2.8	15
71	When Problem Size Matters: Differential Effects of Brain Stimulation on Arithmetic Problem Solving and Neural Oscillations. PLoS ONE, 2015, 10, e0120665.	2.5	26
72	Intonation processing deficits of emotional words among Mandarin Chinese speakers with congenital amusia: an ERP study. Frontiers in Psychology, 2015, 6, 385.	2.1	18

#	Article	IF	CITATIONS
73	Principles of time–frequency feature extraction for change detection in non-stationary signals: Applications to newborn EEG abnormality detection. Pattern Recognition, 2015, 48, 616-627.	8.1	90
74	Selective Attention Modulates Early Human Evoked Potentials during Emotional Face–Voice Processing. Journal of Cognitive Neuroscience, 2015, 27, 798-818.	2.3	41
75	Efficient Labeling of EEG Signal Artifacts Using Active Learning. , 2015, , .		12
76	Investigating effects of different artefact types on motor imagery BCI. , 2015, 2015, 1942-5.		8
77	Effect of imperceptible vibratory noise applied to wrist skin on fingertip touch evoked potentials - an EEG study. Physiological Reports, 2015, 3, e12624.	1.7	34
78	PhySyQX: A database for physiological evaluation of synthesised speech quality-of-experience. , 2015, , .		11
79	Cortical Source Localization for Analysing Single-Trial Motor Imagery EEG. , 2015, , .		9
80	The comparison of automatic artifact removal methods with robust classification strategies in terms of EEG classification accuracy. , 2015, , .		4
81	Use of multiscale entropy to facilitate artifact detection in electroencephalographic signals. , 2015, 2015, 7869-72.		5
82	A temporo-spatial analysis of the neural correlates of extrinsic perceptual grouping in vision. Neuropsychologia, 2015, 69, 118-129.	1.6	8
83	Alpha and Beta Band Event-Related Desynchronization Reflects Kinematic Regularities. Journal of Neuroscience, 2015, 35, 1627-1637.	3.6	62
84	An ICA/HHT Hybrid Approach for Automatic Ocular Artifact Correction. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1558001.	1.2	11
85	Elementary sensory deficits in schizophrenia indexed by impaired visual mismatch negativity. Schizophrenia Research, 2015, 166, 164-170.	2.0	29
86	ERP correlates of priming in language and stimulus equivalence: Evidence of similar N400 effects in absence of semantic content. International Journal of Psychophysiology, 2015, 96, 74-83.	1.0	11
87	The role of the extended MNS in emotional and nonemotional judgments of human song. Cognitive, Affective and Behavioral Neuroscience, 2015, 15, 32-44.	2.0	8
88	A practical guide to the selection of independent components of the electroencephalogram for artifact correction. Journal of Neuroscience Methods, 2015, 250, 47-63.	2.5	633
89	Conflict awareness dissociates theta-band neural dynamics of the medial frontal and lateral frontal cortex during trial-by-trial cognitive control. NeuroImage, 2015, 116, 102-111.	4.2	47
90	An EEG-based perceptual function integration network for application to drowsy driving. Knowledge-Based Systems, 2015, 80, 143-152.	7.1	72

		CITATION REPORT		
#	Article		IF	CITATIONS
91	EEG artifact removalâ $\in$ "state-of-the-art and guidelines. Journal of Neural Engineering, 20	)15, 12, 031001.	3.5	629
92	Stopping is not an option: the evolution of unstoppable motion elements (primitives). Jo Neurophysiology, 2015, 114, 846-856.	burnal of	1.8	15
93	Mortality salience modulates cortical responses to painful somatosensory stimulation: E from slow wave and delta band activity. NeuroImage, 2015, 120, 12-24.	ividence	4.2	10
94	The role of prominence in Spanish sentence comprehension: An ERP study. Brain and La 150, 22-35.	nguage, 2015,	1.6	9
95	Identifying Problem Solving Strategies for Learning Styles in Engineering Students Subje Intelligence Test and EEG Monitoring. Procedia Computer Science, 2015, 55, 18-27.	ected to	2.0	10
96	Predicting Advertising success beyond Traditional Measures: New Insights from Neuropl Methods and Market Response Modeling. Journal of Marketing Research, 2015, 52, 436	nysiological -452.	4.8	348
97	The relationship between somatic and cognitive-affective depression symptoms and erro Journal of Affective Disorders, 2015, 172, 89-95.	or-related ERPs.	4.1	20
98	Investigating the efficacy of neurofeedback training for expediting expertise and excelle Psychology of Sport and Exercise, 2015, 16, 118-127.	nce in sport.	2.1	63
99	Classification of independent components of <scp>EEG</scp> into multiple artifact clas Psychophysiology, 2015, 52, 32-45.	sses.	2.4	46
100	Worry and Discrimination of Threat and Safety Cues: An Event-Related Potential Investi Behavior Therapy, 2015, 46, 652-660.	gation.	2.4	17
101	How the physical similarity of avatars can influence the learning of emotion regulation s teenagers. Computers in Human Behavior, 2015, 43, 101-111.	trategies in	8.5	38
102	Measuring the Plasticity of Social Approach: A Randomized Controlled Trial of the Effect PEERS Intervention on EEG Asymmetry in Adolescents with Autism Spectrum Disorders. Autism and Developmental Disorders, 2015, 45, 316-335.		2.7	73
103	Assessing brain activations associated with emotional regulation during virtual reality m induction procedures. Expert Systems With Applications, 2015, 42, 1699-1709.	lood	7.6	48
104	Incremental learning of Chinese orthography: ERP indicators of animated and static stro on character form and meaning acquisition. Journal of Neurolinguistics, 2015, 33, 78-95		1.1	11
105	Embedded Implementation of Second-Order Blind Identification (SOBI) for Real-Time Ap Neuroscience. Cognitive Computation, 2015, 7, 56-63.	plications in	5.2	6
106	Enhanced functional connectivity properties of human brains during in-situ nature expe 2016, 4, e2210.	rience. PeerJ,	2.0	38
107	Classifying EEG Signals during Stereoscopic Visualization to Estimate Visual Comfort. Co Intelligence and Neuroscience, 2016, 2016, 1-11.	omputational	1.7	29
108	PWC-ICA: A Method for Stationary Ordered Blind Source Separation with Application to Computational Intelligence and Neuroscience, 2016, 2016, 1-20.	EEG.	1.7	11

ARTICLE IF CITATIONS Image classification based on ICA-WP feature of EEG signal. Technology and Health Care, 2016, 24, 109 1.2 0 S551-S559. A Comparison of Physiological Signal Analysis Techniques and Classifiers for Automatic Emotional 2.1 Evaluation of Audiovisual Contents. Frontiers in Computational Neuroscience, 2016, 10, 74. Age-Sensitive Effects of Enduring Work with Alternating Cognitive and Physical Load. A Study Applying 111 2.0 28 Mobile EEG in a Real Life Working Scenario. Frontiers in Human Neuroscience, 2015, 9, 711. Hybrid ICAâ€"Regression: Automatic Identification and Removal of Ocular Artifacts from Electroencephalographic Signals. Frontiers in Human Neuroscience, 2016, 10, 193. From Capture to Inhibition: How does Irrelevant Information Influence Visual Search? Evidence from a 113 2.0 18 Spatial Cuing Paradigm. Frontiers in Human Neuroscience, 2016, 10, 232. Hybrid EEGâ€"Eye Tracker: Automatic Identification and Removal of Eye Movement and Blink Artifacts 3.8 from Electroencephalographic Signal. Sensors, 2016, 16, 241. Resting-State Subjective Experience and EEG Biomarkers Are Associated with Sleep-Onset Latency. 115 2.1 23 Frontiers in Psychology, 2016, 7, 492. An unsupervised eye blink artifact detection method for real-time electroencephalogram processing. 2.1 Physiological Measurement, 2016, 37, 401-417. Age-related characteristics of risky decision-making and progressive expectation formation. 117 2.2 19 Behavioural Brain Research, 2016, 312, 405-414. Movement-related phase locking in the deltaâ€"theta frequency band. NeuroImage, 2016, 139, 439-449. 4.2 49 Effective connectivity measuring of ERP signals in recognition memory process by Generalized Partial 119 3 Directed Coherence., 2016, , . A hybrid ICA-wavelet transform for automated artefact removal in EEG-based emotion recognition. , 2016,,. The time course of visuo-spatial working memory updating revealed by a retro-cuing paradigm. 121 3.3 49 Scientific Reports, 2016, 6, 21442. Spatiotemporal Dynamics of Attention Networks Revealed by Representational Similarity Analysis of EEG and fMRI. Cerebral Cortex, 2016, 28, 549-560. 123 Visual processing during natural reading. Scientific Reports, 2016, 6, 26902. 3.3 26 Fooling the brain by mirroring the hand: Brain correlates of the perceptual capture of limb 124 ownership. Restorative Neurology and Neuroscience, 2016, 34, 721-732. Enhancement of BCI classifiers through domain adaptation., 2016, , . 125 0 Perception of hand movement by mirror reflection evokes brain activation in the motor cortex 2.4 contralateral to a non-moving hand. Cortex, 2016, 81, 118-125.

#	Article	IF	CITATIONS
127	Theta oscillations accompanying concurrent auditory stream segregation. International Journal of Psychophysiology, 2016, 106, 141-151.	1.0	3
128	VOG-enhanced ICA for removing blink and eye-movement artefacts from EEG. , 2016, , .		2
129	Finger flexion imagery: EEG classification through physiologically-inspired feature extraction and hierarchical voting. , 2016, , .		6
130	The relation of hedonic hunger and restrained eating to lateralized frontal activation. Physiology and Behavior, 2016, 163, 64-69.	2.1	10
131	Improving bit rate in an auditory BCI: Exploiting error-related potentials. Brain-Computer Interfaces, 2016, 3, 75-87.	1.8	23
132	The influence of visual information on auditory processing in individuals with congenital amusia: An ERP study. NeuroImage, 2016, 135, 142-151.	4.2	11
133	Automatic ERP classification in EEG recordings from task-related independent components. , 2016, , .		1
134	Distinct electroencephalographic responses to disturbances and distractors during continuous reaching movements. Brain Research, 2016, 1652, 178-187.	2.2	4
135	Methods for artifact detection and removal from scalp EEG: A review. Neurophysiologie Clinique, 2016, 46, 287-305.	2.2	302
136	Pattern Classification and Analysis of Memory Processing in Depression Using EEG Signals. Lecture Notes in Computer Science, 2016, , 124-137.	1.3	3
137	Specialized Brains Performing Specialized Tasks: Beta/Gamma EEG Non-linear Analysis Reveals Discriminative Differences between the Chaos/no-chaos Content of Specialized Brain's Dynamics. Procedia Computer Science, 2016, 91, 813-822.	2.0	5
138	Automatic EEG Processing for the Early Diagnosis of Traumatic Brain Injury. Procedia Computer Science, 2016, 96, 703-712.	2.0	25
139	Mother-Infant Face-to-Face Interaction: The Communicative Value of Infant-Directed Talking and Singing. Psychopathology, 2016, 49, 217-227.	1.5	6
140	A Comprehensive Feature and Data Mining Study on Musician Memory Processing Using EEG Signals. Lecture Notes in Computer Science, 2016, , 138-148.	1.3	2
141	Automatic EEG processing for the early diagnosis of Traumatic Brain Injury. , 2016, , .		6
142	3D hand motion trajectory prediction from EEG mu and beta bandpower. Progress in Brain Research, 2016, 228, 71-105.	1.4	20
143	Effects of Age and Acute Moderate Alcohol Administration on Electrophysiological Correlates of Working Memory Maintenance. Alcoholism: Clinical and Experimental Research, 2016, 40, 1874-1883.	2.4	6
144	The effects of self-focus on attentional biases in social anxiety:An ERP study. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 393-405.	2.0	27

#	Article	IF	CITATIONS
145	Abnormal frontal theta oscillations underlie the cognitive flexibility deficits in children with high-functioning autism spectrum disorders Neuropsychology, 2016, 30, 281-295.	1.3	39
146	Design of a Decision-making Tool to Identify Cross-correlation Brain Dominances. Procedia Computer Science, 2016, 91, 65-74.	2.0	4
147	Effects of Age and Acute Moderate Alcohol Administration on Neurophysiology During Simulated Driving. Alcoholism: Clinical and Experimental Research, 2016, 40, 2519-2527.	2.4	13
148	Towards psychologically adaptive brain–computer interfaces. Journal of Neural Engineering, 2016, 13, 066022.	3.5	15
149	Enhancing Event-Related Potentials Based on Maximum a Posteriori Estimation with a Spatial Correlation Prior. IEICE Transactions on Information and Systems, 2016, E99.D, 1437-1446.	0.7	1
150	A Multimodal Imaging- and Stimulation-based Method of Evaluating Connectivity-related Brain Excitability in Patients with Epilepsy. Journal of Visualized Experiments, 2016, , .	0.3	2
151	Oneâ€year developmental stability and covariance among oddball, novelty, go/noâ€go, and flanker eventâ€related potentials in adolescence: A monozygotic twin study. Psychophysiology, 2016, 53, 991-1007.	2.4	19
152	Mu desynchronization during observation and execution of facial expressions in 30-month-old children. Developmental Cognitive Neuroscience, 2016, 19, 279-287.	4.0	82
153	Automatic Identification of Artifact-Related Independent Components for Artifact Removal in EEG Recordings. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 73-81.	6.3	76
154	Feature clustering for robust frequency-domain classification of EEG activity. Journal of Neuroscience Methods, 2016, 262, 77-84.	2.5	9
155	Electrocortical Evidence of Enhanced Performance Monitoring in Social Anxiety. Behavior Therapy, 2016, 47, 274-285.	2.4	16
156	Driver state examination—Treading new paths. Accident Analysis and Prevention, 2016, 91, 157-165.	5.7	37
157	Contingent negative variation (CNV) associated with sensorimotor timing error correction. NeuroImage, 2016, 127, 58-66.	4.2	18
158	Patterns of alpha asymmetry in those with elevated worry, trait anxiety, and obsessive-compulsive symptoms: A test of the worry and avoidance models of alpha asymmetry. Neuropsychologia, 2016, 85, 118-126.	1.6	32
159	Common EEG features for behavioral estimation in disparate, real-world tasks. Biological Psychology, 2016, 114, 93-107.	2.2	27
160	Folate and long-chain polyunsaturated fatty acid supplementation during pregnancy has long-term effects on the attention system of 8.5-y-old offspring: a randomized controlled trial. American Journal of Clinical Nutrition, 2016, 103, 115-127.	4.7	33
161	Using Wireless EEG Signals to Assess Memory Workload in the <inline-formula> <tex-math notation="LaTeX"&gt; \$n\$ </tex-math </inline-formula> -Back Task. IEEE Transactions on Human-Machine Systems, 2016, 46, 424-435.	3.5	132
162	Increased alpha band activity indexes inhibitory competition across a border during figure assignment. Vision Research, 2016, 126, 120-130.	1.4	15

#	Article	IF	CITATIONS
163	Detection of eye blink artifacts from single prefrontal channel electroencephalogram. Computer Methods and Programs in Biomedicine, 2016, 124, 19-30.	4.7	59
164	Objective selection of epilepsy-related independent components from EEG data. Journal of Neuroscience Methods, 2016, 258, 67-78.	2.5	11
165	A Computer-Aided Diagnosis System With EEG Based on the P3b Wave During an Auditory Odd-Ball Task in Schizophrenia. IEEE Transactions on Biomedical Engineering, 2017, 64, 395-407.	4.2	61
166	Age-dependent characteristics of feedback evaluation related to monetary gains and losses. International Journal of Psychophysiology, 2017, 122, 42-49.	1.0	16
167	Long-Term Evolution Electromagnetic Fields Exposure Modulates the Resting State EEG on Alpha and Beta Bands. Clinical EEG and Neuroscience, 2017, 48, 168-175.	1.7	25
168	Sensorimotor synchronization: neurophysiological markers of the asynchrony in a finger-tapping task. Psychological Research, 2017, 81, 143-156.	1.7	14
169	A Passive EEG-BCI for Single-Trial Detection of Changes in Mental State. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 345-356.	4.9	71
170	Average activity, but not variability, is the dominant factor in the representation of object categories in the brain. Neuroscience, 2017, 346, 14-28.	2.3	23
171	Electrocortical consequences of image processing: The influence of working memory load and worry. Psychiatry Research - Neuroimaging, 2017, 261, 1-8.	1.8	9
172	Different spatioâ€ŧemporal electroencephalography features drive the successful decoding of binaural and monaural cues for sound localization. European Journal of Neuroscience, 2017, 45, 679-689.	2.6	15
173	Localized component filtering for electroencephalogram artifact rejection. Psychophysiology, 2017, 54, 608-619.	2.4	5
174	Towards sign language recognition using EEG-based motor imagery brain computer interface. , 2017, , .		11
175	Compliance instead of flexibility? On age-related differences in cognitive control during visual search. Neurobiology of Aging, 2017, 53, 169-180.	3.1	18
176	Error-Induced Blindness: Error Detection Leads to Impaired Sensory Processing and Lower Accuracy at Short Response–Stimulus Intervals. Journal of Neuroscience, 2017, 37, 2895-2903.	3.6	51
177	Evaluating the efficacy of fully automated approaches for the selection of eyeblink ICA components. Psychophysiology, 2017, 54, 780-791.	2.4	51
178	Regularity of approaching visual stimuli influences spatial expectations for subsequent somatosensory stimuli. Experimental Brain Research, 2017, 235, 1657-1663.	1.5	4
179	Distinct roles of theta and alpha oscillations in the involuntary capture of goal-directed attention. NeuroImage, 2017, 152, 171-183.	4.2	46
180	A point process modeling approach for investigating the effect of online brain activity on perceptual switching. Neurolmage, 2017, 152, 50-59.	4.2	3

#	Article	IF	CITATIONS
181	Electrophysiological indices of aberrant error-processing in adults with ADHD: a new region of interest. Brain Imaging and Behavior, 2017, 11, 1616-1628.	2.1	12
182	A new method for quantifying the performance of EEG blind source separation algorithms by referencing a simultaneously recorded ECoG signal. Neural Networks, 2017, 93, 1-6.	5.9	33
183	Hard-wired feed-forward visual mechanisms of the brain compensate for affine variations in object recognition. Neuroscience, 2017, 349, 48-63.	2.3	25
184	Quantitative EEG for Predicting Upper Limb Motor Recovery in Chronic Stroke Robot-Assisted Rehabilitation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1058-1067.	4.9	55
185	Visual stimuli approaching toward the body influence temporal expectations about subsequent somatosensory stimuli. Brain Research, 2017, 1664, 95-101.	2.2	6
186	The interconnection of mental fatigue and aging: An EEG study. International Journal of Psychophysiology, 2017, 117, 17-25.	1.0	49
187	Automatic minimization of ocular artifacts from electroencephalogram: A novel approach by combining Complete EEMD with Adaptive Noise and Renyi's Entropy. Biomedical Signal Processing and Control, 2017, 36, 63-75.	5.7	18
188	Neurophysiologic Correlates of Ketamine Sedation and Anesthesia. Anesthesiology, 2017, 127, 58-69.	2.5	83
189	EEG Microstate Correlates of Fluid Intelligence and Response to Cognitive Training. Brain Topography, 2017, 30, 502-520.	1.8	58
190	Discriminative Ocular Artifact Correction for Feature Learning in EEG Analysis. IEEE Transactions on Biomedical Engineering, 2017, 64, 1906-1913.	4.2	30
191	EEG source space analysis of the supervised factor analytic approach for the classification of multi-directional arm movement. Journal of Neural Engineering, 2017, 14, 046008.	3.5	19
192	Automated EEG artifact elimination by applying machine learning algorithms to ICA-based features. Journal of Neural Engineering, 2017, 14, 046004.	3.5	98
193	Development of the error-monitoring system from ages 9–35: Unique insight provided by MRI-constrained source localization of EEG. NeuroImage, 2017, 157, 13-26.	4.2	73
194	Neural dynamics of two players when using nonverbal cues to gauge intentions to cooperate during the Prisoner's Dilemma Game. NeuroImage, 2017, 157, 263-274.	4.2	77
195	On the neural mechanisms underlying the protective function of retroactive cuing against perceptual interference: Evidence by event-related potentials of the EEG. Biological Psychology, 2017, 124, 47-56.	2.2	31
196	Nicotine Withdrawal Induces Neural Deficits in Reward Processing. Nicotine and Tobacco Research, 2017, 19, 686-693.	2.6	6
197	Painful engrams: Oscillatory correlates of working memory for phasic nociceptive laser stimuli. Brain and Cognition, 2017, 115, 21-32.	1.8	6
198	EEC-based alpha neurofeedback training for mood enhancement. Australasian Physical and Engineering Sciences in Medicine. 2017. 40. 325-336.	1.3	30

#	Article	IF	CITATIONS
199	Polychromatic SSVEP stimuli with subtle flickering adapted to brain-display interactions. Journal of Neural Engineering, 2017, 14, 016018.	3.5	36
200	Variability of ICA decomposition may impact EEG signals when used to remove eyeblink artifacts. Psychophysiology, 2017, 54, 386-398.	2.4	45
201	Multimodal Physiological Quality-of-Experience Assessment of Text-to-Speech Systems. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 22-36.	10.8	7
202	Testing the effects of adolescent alcohol use on adult conflict-related theta dynamics. Clinical Neurophysiology, 2017, 128, 2358-2368.	1.5	9
203	An integrated EEG and eye-tracking approach for the study of responding and initiating joint attention in Autism Spectrum Disorders. Scientific Reports, 2017, 7, 13560.	3.3	42
204	On the contribution of motor planning to the retroactive cuing benefit in working memory: Evidence by mu and beta oscillatory activity in the EEG. NeuroImage, 2017, 162, 73-85.	4.2	52
205	Visual reminders of death enhance nociceptive-related cortical responses and event-related alpha desynchronisation. Biological Psychology, 2017, 129, 121-130.	2.2	9
206	Removing eye blink artefacts from EEG—A single-channel physiology-based method. Journal of Neuroscience Methods, 2017, 291, 213-220.	2.5	31
207	Decoding emotional valence from electroencephalographic rhythmic activity. , 2017, 2017, 4143-4146.		2
208	Online EEG Classification of Covert Speech for Brain–Computer Interfacing. International Journal of Neural Systems, 2017, 27, 1750033.	5.2	67
209	Resting-state mu activity modulations are associated with aloofness. Personality and Individual Differences, 2017, 116, 366-371.	2.9	4
210	On robust parameter estimation in brain–computer interfacing. Journal of Neural Engineering, 2017, 14, 061001.	3.5	15
211	Atypical interference control in children with AD/HD with elevated theta/beta ratio. Biological Psychology, 2017, 128, 82-88.	2.2	27
212	Pre-movement planning processes in people with congenital mirror movements. Clinical Neurophysiology, 2017, 128, 1985-1993.	1.5	9
213	Frequency-specific modulation of connectivity in the ipsilateral sensorimotor cortex by different forms of movement initiation. NeuroImage, 2017, 159, 248-260.	4.2	25
214	Automatic EEG Artifact Removal Techniques by Detecting Influential Independent Components. IEEE Transactions on Emerging Topics in Computational Intelligence, 2017, 1, 270-279.	4.9	34
215	Temporal dynamics of eyeâ€tracking and EEG during reading and relevance decisions. Journal of the Association for Information Science and Technology, 2017, 68, 2299-2312.	2.9	37
216	Cortical control of objectâ€specific grasp relies on adjustments of both activity and effective connectivity: a common marmoset study. Journal of Physiology, 2017, 595, 7203-7221.	2.9	27

#	Article	IF	Citations
π 217	Dynamics of EEG functional connectivity during statistical learning. Neurobiology of Learning and Memory, 2017, 144, 216-229.	1.9	41
218	Choice predicts the feedback negativity. Psychophysiology, 2017, 54, 1800-1811.	2.4	4
219	Context Sensitivity of EEG-based Workload Classification under different Affective Valence. IEEE Transactions on Affective Computing, 2017, , 1-1.	8.3	11
220	Online denoising of eye-blinks in electroencephalography. Neurophysiologie Clinique, 2017, 47, 371-391.	2.2	20
221	Cross-modality interaction between EEG signals and facial expression. , 2017, , .		4
222	Brain networks predict metabolism, diagnosis and prognosis at the bedside in disorders of consciousness. Brain, 2017, 140, 2120-2132.	7.6	225
223	A machine learning approach for automated wide-range frequency tagging analysis in embedded neuromonitoring systems. Methods, 2017, 129, 96-107.	3.8	8
224	Theta―and deltaâ€band EEG network dynamics during a novelty oddball task. Psychophysiology, 2017, 54, 1590-1605.	2.4	49
225	Self-Grounded Vision: Hand Ownership Modulates Visual Location through Cortical $\hat{I}^2$ and $\hat{I}^3$ Oscillations. Journal of Neuroscience, 2017, 37, 11-22.	3.6	30
226	Assessing and conceptualizing frontal EEG asymmetry: An updated primer on recording, processing, analyzing, and interpreting frontal alpha asymmetry. International Journal of Psychophysiology, 2017, 111, 98-114.	1.0	185
227	Artifact Elimination in Neurosciences. Advances in Intelligent Systems and Computing, 2017, , 751-759.	0.6	3
228	Decoding Dynamic Brain Patterns from Evoked Responses: A Tutorial on Multivariate Pattern Analysis Applied to Time Series Neuroimaging Data. Journal of Cognitive Neuroscience, 2017, 29, 677-697.	2.3	490
229	Mu rhythm suppression is associated with the classification of emotion in faces. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 224-234.	2.0	22
230	Visually guided auditory attention in a dynamic "cocktail-party―speech perception task: ERP evidence for age-related differences. Hearing Research, 2017, 344, 98-108.	2.0	13
231	Trends in EEG-BCI for daily-life: Requirements for artifact removal. Biomedical Signal Processing and Control, 2017, 31, 407-418.	5.7	216
232	Prediction of individual finger movements for motor execution and imagery: An EEG study. , 2017, , .		6
233	Individual differences in EEG correlates of recognition memory due to DAT polymorphisms. Brain and Behavior, 2017, 7, e00870.	2.2	9
234	Evidence for causal top-down frontal contributions to predictive processes in speech perception. Nature Communications, 2017, 8, 2154.	12.8	107

#	Article	IF	CITATIONS
235	EEG Classification of Covert Speech Using Regularized Neural Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 2292-2300.	5.8	85
236	A flexible method for the automated offline-detection of artifacts in multi-channel electroencephalogram recordings. , 2017, 2017, 3793-3796.		2
237	Sequential Modulations in a Combined Horizontal and Vertical Simon Task: Is There ERP Evidence for Feature Integration Effects?. Frontiers in Psychology, 2017, 8, 1094.	2.1	10
238	Consumer Neuroscience-Based Metrics Predict Recall, Liking and Viewing Rates in Online Advertising. Frontiers in Psychology, 2017, 8, 1808.	2.1	73
239	Feature Weight Driven Interactive Mutual Information Modeling for Heterogeneous Bio-Signal Fusion to Estimate Mental Workload. Sensors, 2017, 17, 2315.	3.8	16
240	Mismatch Negativity as an Indicator of Cognitive Sub-Domain Dysfunction in Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2017, 8, 395.	2.4	24
241	Concealed Around-the-Ear EEG Captures Cognitive Processing in a Visual Simon Task. Frontiers in Human Neuroscience, 2017, 11, 290.	2.0	27
242	Isolating Discriminant Neural Activity in the Presence of Eye Movements and Concurrent Task Demands. Frontiers in Human Neuroscience, 2017, 11, 357.	2.0	8
243	Electroencephalography Based Analysis of Working Memory Load and Affective Valence in an N-back Task with Emotional Stimuli. Frontiers in Human Neuroscience, 2017, 11, 616.	2.0	43
244	The Patient Repository for EEG Data + Computational Tools (PRED+CT). Frontiers in Neuroinformatics, 2017, 11, 67.	2.5	42
245	BLINKER: Automated Extraction of Ocular Indices from EEG Enabling Large-Scale Analysis. Frontiers in Neuroscience, 2017, 11, 12.	2.8	54
246	ICA-Derived EEG Correlates to Mental Fatigue, Effort, and Workload in a Realistically Simulated Air Traffic Control Task. Frontiers in Neuroscience, 2017, 11, 297.	2.8	51
247	Emotional Intensity Modulates the Integration of Bimodal Angry Expressions: ERP Evidence. Frontiers in Neuroscience, 2017, 11, 349.	2.8	6
248	Mental Task Evaluation for Hybrid NIRS-EEG Brain-Computer Interfaces. Computational Intelligence and Neuroscience, 2017, 2017, 1-24.	1.7	22
249	Noninvasive Brain Machine Interfaces for Assistive and Rehabilitation Robotics. , 2017, , 187-216.		6
250	Review of Artifact Rejection Methods for Electroencephalographic Systems. , 0, , .		7
251	Spatiospectral Decomposition of Multi-subject EEG: Evaluating Blind Source Separation Algorithms on Real and Realistic Simulated Data. Brain Topography, 2018, 31, 47-61.	1.8	28
252	Working memory alpha–beta band oscillatory signatures in adolescents and young adults. European Journal of Neuroscience, 2018, 48, 2527-2536.	2.6	14

ARTICLE IF CITATIONS # Disruption in neural phase synchrony is related to identification of inattentional deafness in 253 3.6 32 realâ€world setting. Human Brain Mapping, 2018, 39, 2596-2608. Emotion lies in the eye of the listener: Emotional arousal to novel sounds is reflected in the sympathetic contribution to the pupil dilation response and the P3. Biological Psychology, 2018, 133, 254 2.2 10-17. Limited value of temporo-parietal hemodynamic signals in an optical-electric auditory brain-computer 255 1.2 1 interface. Biomedical Physics and Engineering Express, 2018, 4, 045035. Attenuation of deep semantic processing during mind wandering. NeuroReport, 2018, 29, 380-384. 1.2 Differential recruitment of brain networks in single-digit addition and multiplication: Evidence from EEG oscillations in theta and lower alpha bands. International Journal of Psychophysiology, 2018, 128, 257 1.0 7 81-92. The role of resting-state EEG localized activation and central nervous system arousal in executive function performance in children with Attention-Deficit/Hyperactivity Disorder. Clinical 1.5 Neurophysiology, 2018, 129, 1192-1200. Decreased Event-Related Beta Synchronization During Memory Maintenance Marks Early Cognitive 259 2.6 18 Decline in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2018, 63, 489-502. Surrogate-Based Artifact Removal From Single-Channel EEG. IEEE Transactions on Neural Systems and 260 4.9 Rehabilitation Engineering, 2018, 26, 540-550. Errors can elicit an error positivity in the absence of an error negativity: Evidence for independent 262 4.2 71 systems of human error monitoring. NeuroImage, 2018, 172, 427-436. A generic EEG artifact removal algorithm based on the multi-channel Wiener filter. Journal of Neural 3.5 174 Engineering, 2018, 15, 036007. Automatic bad channel detection in intracranial electroencephalographic recordings using ensemble 31 264 1.5 machine learning. Clinical Neurophysiology, 2018, 129, 548-554. ARTIST: A fully automated artifact rejection algorithm for singleâ€pulse TMSâ€EEG data. Human Brain 3.6 Mapping, 2018, 39, 1607-1625. Manipulating the focus of attention in working memory: Evidence for a protection of multiple items 266 2.4 18 against perceptual interference. Psychophysiology, 2018, 55, e13062. An automatic pre-processing pipeline for EEG analysis (APP) based on robust statistics. Clinical Neurophysiology, 2018, 129, 1427-1437. 1.5 Emergence of breath testing as a new non-invasive diagnostic modality for neurodegenerative 268 2.2 12 diseases. Brain Research, 2018, 1691, 75-86. Artifact Rejection Methodology Enables Continuous, Noninvasive Measurement of Gastric 69 Myoelectric Activity in Ambulatory Subjects. Scientific Reports, 2018, 8, 5019. He catapulted his words from the dais: An ERP investigation of novel verbal metaphors. Journal of 270 1.1 13 Neurolinguistics, 2018, 47, 59-70. 271 Neural oscillations during conditional associative learning. NeuroImage, 2018, 174, 485-493. 4.2

#	Article	IF	CITATIONS
272	Event-related potential correlates of stimulus equivalence classes: A study of task order of the equivalence based priming probes with respect to the stimulus equivalence tests, and among the distinct trial types with each other. Behavioural Brain Research, 2018, 347, 242-254.	2.2	3
273	Age-related Differences in Prestimulus Subsequent Memory Effects Assessed with Event-related Potentials. Journal of Cognitive Neuroscience, 2018, 30, 829-850.	2.3	19
274	Changes in brain connectivity following exposure to bilateral eye movements. Brain and Cognition, 2018, 123, 142-153.	1.8	9
275	The approach of visual stimuli influences expectations about stimulus types for subsequent somatosensory stimuli. Experimental Brain Research, 2018, 236, 1563-1571.	1.5	6
276	Impact of alcohol use on EEG dynamics of response inhibition: a cotwin control analysis. Addiction Biology, 2018, 23, 256-267.	2.6	21
277	The Brain's Reward Response Occurs Even Without Actual Reward!. Journal of Gambling Studies, 2018, 34, 449-463.	1.6	7
278	Evidence of a Task-Independent Neural Signature in the Spectral Shape of the Electroencephalogram. International Journal of Neural Systems, 2018, 28, 1750035.	5.2	10
279	Behavioral, Modeling, and Electrophysiological Evidence for Supramodality in Human Metacognition. Journal of Neuroscience, 2018, 38, 263-277.	3.6	86
280	Driving behavior recognition using EEG data from a simulated car-following experiment. Accident Analysis and Prevention, 2018, 116, 30-40.	5.7	125
281	Effect of sensory attenuation on cortical movement-related oscillations. Journal of Neurophysiology, 2018, 119, 971-978.	1.8	8
282	Discrimination of stroke-related mild cognitive impairment and vascular dementia using EEG signal analysis. Medical and Biological Engineering and Computing, 2018, 56, 137-157.	2.8	45
283	Unsupervised Eye Blink Artifact Identification in Electroencephalogram. , 2018, , .		3
284	Analysis of Electroencephalography (EEG) Signals and Its Experimental Design. , 2018, , .		1
285	Powering Up Attentional Focus: Validating a School-Based Deep Breathing Intervention with Mobile EEG—A Pilot Exploration. , 2018, , .		0
286	Enhanced Error Decoding from Error-Related Potentials using Convolutional Neural Networks. , 2018, 2018, 360-363.		16
287	A new ICA-based fingerprint method for the automatic removal of physiological artifacts from EEG recordings. PeerJ, 2018, 6, e4380.	2.0	38
288	A Growth-Curve Analysis of the Effects of Future-Thought Priming on Insight and Analytical Problem-Solving. Frontiers in Psychology, 2018, 9, 1311.	2.1	4
289	Exploiting error-related potentials in cognitive task based BCI. Biomedical Physics and Engineering Express, 2018, 5, 015023.	1.2	13

#	Article	IF	CITATIONS
290	A Blind Source-Based Method for Automated Artifact-Correction in Standard Sleep EEG. , 2018, 2018, 6010-6013.		5
291	Behavioral inhibition and activation as a modifier process in autism spectrum disorder: Examination of selfâ€reported BIS/BAS and alpha EEG asymmetry. Autism Research, 2018, 11, 1653-1666.	3.8	17
292	Comparison of the Effectiveness of AICA-WT Technique in Discriminating Vascular Dementia EEGs. , 2018, , .		3
293	Exploring representations of human grasping in neural, muscle and kinematic signals. Scientific Reports, 2018, 8, 16669.	3.3	32
294	Retroactive Attentional Shifts Predict Performance in a Working Memory Task: Evidence by Lateralized EEG Patterns. Frontiers in Human Neuroscience, 2018, 12, 428.	2.0	8
295	Automatic Independent Component Scalp Map Analysis of Electroencephalogram During Motor Preparation. , 2018, 2018, 4689-4692.		0
296	Examination of evaluative threat in worry: Insights from the Error-Related Negativity (ERN). Psychiatry Research - Neuroimaging, 2018, 282, 40-46.	1.8	4
297	Single-Trial Detection of Semantic Anomalies From EEG During Listening to Spoken Sentences. , 2018, 2018, 977-980.		2
298	Studying the integrated functional cognitive basis of sustained attention with a Primed Subjective-Illusory-Contour Attention Task. Scientific Reports, 2018, 8, 13514.	3.3	3
299	Resting-state brain oscillations predict trait-like cognitive styles. Neuropsychologia, 2018, 120, 1-8.	1.6	24
300	Chaotic and Fast Audiovisuals Increase Attentional Scope but Decrease Conscious Processing. Neuroscience, 2018, 394, 83-97.	2.3	18
301	Investigation of the changes in oscillatory power during task switching after mild traumatic brain injury. European Journal of Neuroscience, 2018, 48, 3498-3513.	2.6	4
302	Neural correlates of visual awareness at stimulus low vs. high-levels of processing. Neuropsychologia, 2018, 121, 144-152.	1.6	19
303	Conflict-related medial frontal theta as an endophenotype for alcohol use disorder. Biological Psychology, 2018, 139, 25-38.	2.2	5
304	Alpha and beta band correlates of haptic perceptual grouping: Results from an orientation detection task. PLoS ONE, 2018, 13, e0201194.	2.5	4
305	Depression Detection Using Relative EEG Power Induced by Emotionally Positive Images and a Conformal Kernel Support Vector Machine. Applied Sciences (Switzerland), 2018, 8, 1244.	2.5	43
306	The contribution of selective spatial attention to sound detection and sound localization: Evidence from event-related potentials and lateralized alpha oscillations. Biological Psychology, 2018, 138, 133-145.	2.2	30
307	Symmetry perception for patterns defined by color and luminance. Journal of Vision, 2018, 18, 4.	0.3	20

#	Article	IF	CITATIONS
308	Quantifying fast optical signal and event-related potential relationships during a visual oddball task. NeuroImage, 2018, 178, 119-128.	4.2	9
309	Brief Introduction to Electroencephalography. Methods in Enzymology, 2018, 603, 257-277.	1.0	7
310	Behavioral and neurophysiological abnormalities during cued continuous performance tasks in patients with mild traumatic brain injury. Brain and Behavior, 2018, 8, e00966.	2.2	9
311	Automated detection of electroencephalography artifacts in human, rodent and canine subjects using machine learning. Journal of Neuroscience Methods, 2018, 307, 53-59.	2.5	22
312	Real-Time EEG Signal Enhancement Using Canonical Correlation Analysis and Gaussian Mixture Clustering. Journal of Healthcare Engineering, 2018, 2018, 1-11.	1.9	33
313	Searching for auditory targets in external space and in working memory: Electrophysiological mechanisms underlying perceptual and retroactive spatial attention. Behavioural Brain Research, 2018, 353, 98-107.	2.2	21
314	Transient visual perturbations boost short-term balance learning in virtual reality by modulating electrocortical activity. Journal of Neurophysiology, 2018, 120, 1998-2010.	1.8	34
315	Age-Related Differences in Pro-active Driving Behavior Revealed by EEG Measures. Frontiers in Human Neuroscience, 2018, 12, 321.	2.0	24
316	Neural Activity Is Dynamically Modulated by Memory Load During the Maintenance of Spatial Objects. Frontiers in Psychology, 2018, 9, 1071.	2.1	7
317	Parsing a mental program: Fixation-related brain signatures of unitary operations and routines in natural visual search. Neurolmage, 2018, 183, 73-86.	4.2	19
318	Quality prediction of synthesized speech based on tensor structured EEG signals. PLoS ONE, 2018, 13, e0193521.	2.5	5
319	EEG-Informed fMRI: A Review of Data Analysis Methods. Frontiers in Human Neuroscience, 2018, 12, 29.	2.0	115
320	Functional Dissociation of Latency-Variable, Stimulus- and Response-Locked Target P3 Sub-components in Task-Switching. Frontiers in Human Neuroscience, 2018, 12, 60.	2.0	32
321	Automatic Removal of Physiological Artifacts in EEG: The Optimized Fingerprint Method for Sports Science Applications. Frontiers in Human Neuroscience, 2018, 12, 96.	2.0	28
322	Subtle Distinctions: How Attentional Templates Influence EEG Parameters of Cognitive Control in a Spatial Cuing Paradigm. Frontiers in Human Neuroscience, 2018, 12, 113.	2.0	6
323	Evaluating Pro- and Re-Active Driving Behavior by Means of the EEG. Frontiers in Human Neuroscience, 2018, 12, 205.	2.0	16
324	The Harvard Automated Processing Pipeline for Electroencephalography (HAPPE): Standardized Processing Software for Developmental and High-Artifact Data. Frontiers in Neuroscience, 2018, 12, 97.	2.8	290
325	Improving the Performance of an Auditory Brain-Computer Interface Using Virtual Sound Sources by Shortening Stimulus Onset Asynchrony. Frontiers in Neuroscience, 2018, 12, 108.	2.8	11

#	Article	IF	CITATIONS
326	Decoding Imagined 3D Hand Movement Trajectories From EEG: Evidence to Support the Use of Mu, Beta, and Low Gamma Oscillations. Frontiers in Neuroscience, 2018, 12, 130.	2.8	69
327	Computational Testing for Automated Preprocessing 2: Practical Demonstration of a System for Scientific Data-Processing Workflow Management for High-Volume EEG. Frontiers in Neuroscience, 2018, 12, 236.	2.8	10
328	Using a multichannel Wiener filter to remove eye-blink artifacts from EEG data. Biomedical Signal Processing and Control, 2018, 45, 246-255.	5.7	31
329	Contrasting dynamics of memory consolidation for novel word forms and meanings revealed by behavioral and neurophysiological markers. Neuropsychologia, 2018, 117, 472-482.	1.6	15
330	Exploring the Relationship between Electroencephalography (EEG) and Ordinary Driving Behavior: A Simulated Driving Study. Transportation Research Record, 2018, 2672, 172-180.	1.9	9
331	Delta activity encodes taste information in the human brain. Neurolmage, 2018, 181, 471-479.	4.2	20
332	Three-stage processing of category and variation information by entangled interactive mechanisms of peri-occipital and peri-frontal cortices. Scientific Reports, 2018, 8, 12213.	3.3	16
333	Timeâ€frequency approaches to investigating changes in feedback processing during childhood and adolescence. Psychophysiology, 2018, 55, e13208.	2.4	23
334	A comparison between scalp- and source-reconstructed EEG networks. Scientific Reports, 2018, 8, 12269.	3.3	101
335	A Study on Using Blink Parameters from EEG Data for Lie Detection. , 2018, , .		9
335 336	A Study on Using Blink Parameters from EEG Data for Lie Detection. , 2018, , . Online classification of the near-infrared spectroscopy fast optical signal for brain-computer interfaces. Biomedical Physics and Engineering Express, 2018, 4, 065010.	1.2	9
	Online classification of the near-infrared spectroscopy fast optical signal for brain-computer	1.2	
336	Online classification of the near-infrared spectroscopy fast optical signal for brain-computer interfaces. Biomedical Physics and Engineering Express, 2018, 4, 065010.		5
336 337	Online classification of the near-infrared spectroscopy fast optical signal for brain-computer interfaces. Biomedical Physics and Engineering Express, 2018, 4, 065010. Preprocessing of EEG. Biological and Medical Physics Series, 2018, , 15-33. EEG Resting State Functional Connectivity in Adult Dyslexics Using Phase Lag Index and Graph Analysis.	0.4	5 16
336 337 338	<ul> <li>Online classification of the near-infrared spectroscopy fast optical signal for brain-computer interfaces. Biomedical Physics and Engineering Express, 2018, 4, 065010.</li> <li>Preprocessing of EEG. Biological and Medical Physics Series, 2018, , 15-33.</li> <li>EEG Resting State Functional Connectivity in Adult Dyslexics Using Phase Lag Index and Graph Analysis. Frontiers in Human Neuroscience, 2018, 12, 341.</li> <li>Proactive vs. reactive car driving: EEG evidence for different driving strategies of older drivers. PLoS</li> </ul>	0.4 2.0	5 16 52
336 337 338 339	<ul> <li>Online classification of the near-infrared spectroscopy fast optical signal for brain-computer interfaces. Biomedical Physics and Engineering Express, 2018, 4, 065010.</li> <li>Preprocessing of EEG. Biological and Medical Physics Series, 2018, , 15-33.</li> <li>EEG Resting State Functional Connectivity in Adult Dyslexics Using Phase Lag Index and Graph Analysis. Frontiers in Human Neuroscience, 2018, 12, 341.</li> <li>Proactive vs. reactive car driving: EEG evidence for different driving strategies of older drivers. PLoS ONE, 2018, 13, e0191500.</li> <li>Identification and Removal of Physiological Artifacts From Electroencephalogram Signals: A Review.</li> </ul>	0.4 2.0 2.5	5 16 52 20
<ul> <li>336</li> <li>337</li> <li>338</li> <li>339</li> <li>340</li> </ul>	<ul> <li>Online classification of the near-infrared spectroscopy fast optical signal for brain-computer interfaces. Biomedical Physics and Engineering Express, 2018, 4, 065010.</li> <li>Preprocessing of EEG. Biological and Medical Physics Series, 2018, , 15-33.</li> <li>EEG Resting State Functional Connectivity in Adult Dyslexics Using Phase Lag Index and Graph Analysis. Frontiers in Human Neuroscience, 2018, 12, 341.</li> <li>Proactive vs. reactive car driving: EEG evidence for different driving strategies of older drivers. PLoS ONE, 2018, 13, e0191500.</li> <li>Identification and Removal of Physiological Artifacts From Electroencephalogram Signals: A Review. IEEE Access, 2018, 6, 30630-30652.</li> <li>Age-by-Emotion Interactions in Memory Retrieval Processes: An Event-Related Potential Study. Journals</li> </ul>	0.4 2.0 2.5 4.2	5 16 52 20 126

#	Article	IF	CITATIONS
345	Performance Comparison of Automated EEG Enhancement Algorithms for Mental Workload Assessment of Ambulant Users. , 2019, , .		9
346	Alteration of perceived emotion and brain functional connectivity by changing the musical rhythmic pattern. Experimental Brain Research, 2019, 237, 2607-2619.	1.5	8
347	Neural based assessment of mind wandering during a fatigueinducing motor task: Is task failure due to fatigue or distraction?. , 2019, , .		2
348	Action Intention-based and Stimulus Regularity-based Predictions: Same or Different?. Journal of Cognitive Neuroscience, 2019, 31, 1917-1932.	2.3	18
349	Motion sickness-susceptible participants exposed to coherent rotating dot patterns show excessive N2 amplitudes and impaired theta-band phase synchronization. NeuroImage, 2019, 202, 116028.	4.2	14
350	The ICLabel dataset of electroencephalographic (EEG) independent component (IC) features. Data in Brief, 2019, 25, 104101.	1.0	72
351	Development of a robust asynchronous brain-switch using ErrP-based error correction. Journal of Neural Engineering, 2019, 16, 066042.	3.5	12
352	Measuring Affective Sharing between Two People by EEG Hyperscanning. , 2019, , .		3
353	<code>EEG-based Mental Fatigue Detection Using Cognitive Tests and RVM Classification.</code> , 2019, , .		3
354	Decoding Relative Pitch Imagery Using Functional Connectivity: An Electroencephalographic Study. , 2019, , .		2
355	Role of the cortex in visuomotor control of arm stability. Journal of Neurophysiology, 2019, 122, 2156-2172.	1.8	4
356	Congruent audiovisual speech enhances auditory attention decoding with EEG. Journal of Neural Engineering, 2019, 16, 066033.	3.5	11
357	Emotion Recognition and EEG Analysis Using ADMM-Based Sparse Group Lasso. IEEE Transactions on Affective Computing, 2022, 13, 199-210.	8.3	8
358	Artefacts Removal to Detect Visual Evoked Potentials in Brain Computer Interface Systems. Journal of Biomimetics, Biomaterials and Biomedical Engineering, 2019, 41, 91-103.	0.5	6
359	Effect of Mechanical Resistance on Cognitive Conflict in Physical Human-Robot Collaboration. , 2019, ,		9
360	Brain connectivity evaluation during selective attention using EEG-based brain-computer interface. Brain-Computer Interfaces, 2019, 6, 25-35.	1.8	12
361	Motion direction representation in multivariate electroencephalography activity for smooth pursuit eye movements. NeuroImage, 2019, 202, 116160.	4.2	5
362	Perceptual and Semantic Phases of Face Identification Processing: A Multivariate Electroencephalography Study. Journal of Cognitive Neuroscience, 2019, 31, 1827-1839.	2.3	Ο

#	Article	IF	CITATIONS
363	Event-related potentials during Chinese single-character and two-character word reading in children. Brain and Cognition, 2019, 136, 103589.	1.8	15
364	Encoding Pleasant and Unpleasant Expression of the Architectural Window Shapes: An ERP Study. Frontiers in Behavioral Neuroscience, 2019, 13, 186.	2.0	8
365	Recording mobile EEG in an outdoor environment reveals cognitive-motor interference dependent on movement complexity. Scientific Reports, 2019, 9, 13086.	3.3	54
366	Comparison among driving state prediction models for car-following condition based on EEG and driving features. Accident Analysis and Prevention, 2019, 133, 105296.	5.7	35
367	No evidence of associations between ADHD and event-related brain potentials from a continuous performance task in a population-based sample of adolescent twins. PLoS ONE, 2019, 14, e0223460.	2.5	8
368	Processing of natural scenery is associated with lower attentional and cognitive load compared with urban ones. Journal of Environmental Psychology, 2019, 62, 1-11.	5.1	76
369	Social hierarchies in third-party punishment: A behavioral and ERP study. Biological Psychology, 2019, 146, 107722.	2.2	16
370	Automagic: Standardized preprocessing of big EEG data. NeuroImage, 2019, 200, 460-473.	4.2	147
371	From basic perception deficits to facial affect recognition impairments in schizophrenia. Scientific Reports, 2019, 9, 8958.	3.3	17
372	Action Observation of Own Hand Movement Enhances Event-Related Desynchronization. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1407-1415.	4.9	36
373	Decoding electroencephalographic signals for direction in brain-computer interface using echo state network and Gaussian readouts. Computers in Biology and Medicine, 2019, 110, 254-264.	7.0	11
374	Motor resonance during linguistic processing as shown by EEG in a naturalistic VR environment. Brain and Cognition, 2019, 134, 44-57.	1.8	8
375	Processing verb–noun compound words in Spanish: Evidence from event-related potentials. Cognitive Neuropsychology, 2019, 36, 265-281.	1.1	3
376	An intra-individual approach for detecting evaluation with event-related potentials. International Journal of Psychophysiology, 2019, 141, 65-75.	1.0	1
377	Pattern matters: Snakes exhibiting triangular and diamond-shaped skin patterns modulate electrophysiological activity in human visual cortex. Neuropsychologia, 2019, 131, 62-72.	1.6	9
378	IQ estimation by means of EEG-fNIRS recordings during a logical-mathematical intelligence test. Computers in Biology and Medicine, 2019, 110, 218-226.	7.0	16
379	Online detection of error-related potentials in multi-class cognitive task-based BCIs. Brain-Computer Interfaces, 2019, 6, 1-12.	1.8	8
380	Driving Style Recognition Based on Electroencephalography Data From a Simulated Driving Experiment. Frontiers in Psychology, 2019, 10, 1254.	2.1	32

	CITA	ation Report	
#	Article	IF	CITATIONS
381	Adolescent cognitive control, theta oscillations, and social observation. NeuroImage, 2019, 198, 13-30.	. 4.2	37
382	ICLabel: An automated electroencephalographic independent component classifier, dataset, and website. Neurolmage, 2019, 198, 181-197.	4.2	917
383	Event-Related Potential Analysis of ADHD and Control Adults During a Sustained Attention Task. Clinical EEG and Neuroscience, 2019, 50, 389-403.	1.7	13
384	Temporal boundary of auditory event formation: An electrophysiological marker. International Journal of Psychophysiology, 2019, 140, 53-61.	1.0	5
385	Age-Related Decreases in the Retrieval Practice Effect Directly Relate to Changes in Alpha-Beta Oscillations. Journal of Neuroscience, 2019, 39, 4344-4352.	3.6	12
386	Mobile EEG in research on neurodevelopmental disorders: Opportunities and challenges. Developmental Cognitive Neuroscience, 2019, 36, 100635.	4.0	123
387	The Cortical Network of Emotion Regulation: Insights From Advanced EEG-fMRI Integration Analysis. IEEE Transactions on Medical Imaging, 2019, 38, 2423-2433.	8.9	37
388	Beta band oscillatory deficits during working memory encoding in adolescents with attentionâ€deficit hyperactive disorder. European Journal of Neuroscience, 2019, 50, 2905-2920.	2.6	9
389	Robustness of functional connectivity metrics for EEC-based personal identification over task-induced intra-class and inter-class variations. Pattern Recognition Letters, 2019, 125, 49-54.	4.2	41
390	Presentation Probability of Visual–Auditory Pairs Modulates Visually Induced Auditory Predictions. Journal of Cognitive Neuroscience, 2019, 31, 1110-1125.	2.3	7
391	Confidence Representation of Perceptual Decision by EEG and Eye Data in a Random Dot Motion Task. Neuroscience, 2019, 406, 510-527.	2.3	17
392	Measuring network disruption in neurodegenerative diseases: New approaches using signal analysis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 1011-1020.	1.9	45
393	Theta-Band Functional Connectivity and Single-Trial Cognitive Control in Sports-Related Concussion: Demonstration of Proof-of-Concept for a Potential Biomarker of Concussion. Journal of the International Neuropsychological Society, 2019, 25, 314-323.	1.8	4
394	Multi-modal physiological sensing approach for distinguishing high workload events in remotely piloted aircraft simulation. Human-Intelligent Systems Integration, 2019, 1, 89-99.	2.5	3
395	Frontal alpha asymmetry in alcohol-related intimate partner violence. Social Cognitive and Affective Neuroscience, 2019, 14, 1209-1217.	3.0	4
396	Implementation of EEG Approach for Detection of Upper Limb Movement. , 2019, , .		0
397	ICA-Based EEG Feature Analysis and Classification of Learning Styles. , 2019, , .		2
398	Higuchi's fractal dimension, but not frontal or posterior alpha asymmetry, predicts PID-5 anxiousne: more than depressivity. Scientific Reports, 2019, 9, 19666.	SS 3.3	15

.

#	Article	IF	CITATIONS
399	EEG analytics: benefits and challenges of data driven EEG biomarkers for neurodegenerative diseases. , 2019, , .		4
400	Detecting Human Trust Calibration in Automation: A Deep Learning Approach. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 88-90.	0.3	3
401	Artifacts in Simultaneous hdEEG/fMRI Imaging: A Nonlinear Dimensionality Reduction Approach. Sensors, 2019, 19, 4454.	3.8	8
402	Behavioral and Neural Changes Induced by a Blended Essential Oil on Human Selective Attention. Behavioural Neurology, 2019, 2019, 1-8.	2.1	4
403	Ten challenges for EEG-based affective computing. Brain Science Advances, 2019, 5, 1-20.	0.9	62
404	ICA-Evolution Based Data Augmentation with Ensemble Deep Neural Networks Using Time and Frequency Kernels for Emotion Recognition from EEG-Data. IEEE Transactions on Affective Computing, 2022, 13, 616-627.	8.3	17
405	Improved EOG Artifact Removal Using Wavelet Enhanced Independent Component Analysis. Brain Sciences, 2019, 9, 355.	2.3	38
406	Development of a ternary hybrid fNIRS-EEG brain–computer interface based on imagined speech. Brain-Computer Interfaces, 2019, 6, 128-140.	1.8	34
407	EEG-based Classification of Microsleep by Means of Feature Selection: An Application in Aviation. , 2019, 2019, 4060-4063.		5
408	Actionâ€associated modulation of visual eventâ€related potentials evoked by abstract and ecological stimuli. Psychophysiology, 2019, 56, e13289.	2.4	6
409	Electroencephalographic time-frequency patterns of braking and acceleration movement preparation in car driving simulation. Brain Research, 2019, 1716, 16-26.	2.2	18
410	Frontal alpha asymmetry moderates the relations between behavioral inhibition and social-effect ERN. Biological Psychology, 2019, 141, 10-16.	2.2	10
411	Analysis of Stimuli Discrimination in Indian Patients with Chronic Schizophrenia. Advances in Intelligent Systems and Computing, 2019, , 49-59.	0.6	0
412	Do emojis influence social interactions? Neural and behavioral responses to affective emojis in bargaining situations. Psychophysiology, 2019, 56, e13321.	2.4	22
413	The Riemannian Potato Field: A Tool for Online Signal Quality Index of EEG. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 244-255.	4.9	23
414	Single-Trial Recognition of Imagined Forces and Speeds of Hand Clenching Based on Brain Topography and Brain Network. Brain Topography, 2019, 32, 240-254.	1.8	4
415	Use of imperceptible wrist vibration to modulate sensorimotor cortical activity. Experimental Brain Research, 2019, 237, 805-816.	1.5	35
416	Spatiotemporal analysis of category and target-related information processing in the brain during object detection. Behavioural Brain Research, 2019, 362, 224-239.	2.2	17

ARTICLE IF CITATIONS Synchronization of Slow Cortical Rhythms During Motor Imagery-Based Brain–Machine Interface 417 5.2 15 Control. International Journal of Neural Systems, 2019, 29, 1850045. Freely chosen and instructed actions are terminated by different neural mechanisms revealed by 4.2 kinematics-informed EEG. NeuroImage, 2019, 188, 26-42. Learning Spatial–Spectral–Temporal EEG Features With Recurrent 3D Convolutional Neural Networks 419 for Cross-Task Mental Workload Assessment. IEEE Transactions on Neural Systems and Rehabilitation 4.9 155 Engineering, 2019, 27, 31-42. Time Effects on Resting EEG in Children With/Without AD/HD. Brain Topography, 2019, 32, 286-294. 1.8 Visuospatial sequence learning on the serial reaction time task modulates the P1 eventâ€related 421 2.4 13 potential. Psychophysiology, 2019, 56, e13292. Mu rhythm desynchronization is specific to action execution and observation: Evidence from time-frequency and connectivity analysis. NeuroImage, 2019, 184, 496-507. 4.2 109 Electroencephalogram Theta/Beta Ratio and Spectral Power Correlates of Executive Functions in 423 2.6 18 Children and Adolescents With AD/HD. Journal of Attention Disorders, 2019, 23, 721-732. Alterations in resting-state gamma activity in patients with schizophrenia: a high-density EEG study. 424 3.2 European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 429-437. Event-related potentials as indices of mental workload while using an in-vehicle information system. 425 3.0 23 Cognition, Technology and Work, 2019, 21, 55-67. The longâ€term effects of institutional rearing, foster care intervention and disruptions in care on 2.4 brain electrical activity in adolescence. Developmental Science, 2020, 23, e12872. An improved algorithm for efficient ocular artifact suppression from frontal EEG electrodes using 427 5.930 VMD. Biocybernetics and Biomedical Engineering, 2020, 40, 148-161. Automatic and tunable algorithm for EEG artifact removal using wavelet decomposition with applications in predictive modeling during auditory tasks. Biomedical Signal Processing and Control, 5.7 2020, 55, 101624. Phase Space Reconstruction of EEG Signals for Classification of ADHD and Control Adults. Clinical 429 1.7 27 EEG and Neuroscience, 2020, 51, 102-113. The value of a real face: Differences between affective faces and emojis in neural processing and their 1.3 23 social influence on decision-making. Social Neuroscience, 2020, 15, 255-268. Electrophysiological Correlates of Racial In-group Bias in Observing Nonverbal Social Encounters. 431 2.33 Journal of Cognitive Neuroscience, 2020, 32, 167-186. Where is the cocktail party? Decoding locations of attended and unattended moving sound sources using EEG. Neurolmage, 2020, 205, 116283. Changes in EEG signals during the cognitive activity at varying air temperature and relative humidity. 433 3.9 51 Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 285-298. Reading Comprehension and Predictability Effects on Sentence Processing: An Eventâ€Related Potential 434 Study. Mind, Brain, and Education, 2020, 14, 32-50.

#	Article	IF	CITATIONS
435	Optimizing the ICA-based removal of ocular EEG artifacts from free viewing experiments. NeuroImage, 2020, 207, 116117.	4.2	123
436	Developmental pathways to social anxiety and irritability: The role of the ERN. Development and Psychopathology, 2020, 32, 897-907.	2.3	17
437	Smiling as negative feedback affects social decision-making and its neural underpinnings. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 160-171.	2.0	11
438	Delta phase reset predicts conflict-related changes in P3 amplitude and behavior. Brain Research, 2020, 1730, 146662.	2.2	17
439	"Free won't―after a beer or two: chronic and acute effects of alcohol on neural and behavioral indices of intentional inhibition. BMC Psychology, 2020, 8, 2.	2.1	2
440	A comparison between power spectral density and network metrics: An EEG study. Biomedical Signal Processing and Control, 2020, 57, 101760.	5.7	35
441	Fast and effective removal of contamination from scalp electrical recordings. Clinical Neurophysiology, 2020, 131, 6-24.	1.5	7
442	Paying out one versus paying out all trials and the decrease in behavioral and brain activity in the Balloon Analogue Risk Task. Psychophysiology, 2020, 57, e13510.	2.4	15
443	Cracking the Black Box: Capturing the Role of Expectation States in Status Processes. Social Psychology Quarterly, 2020, 83, 26-48.	2.1	12
444	Skipping a Beat: Heartbeat-Evoked Potentials Reflect Predictions during Interoceptive-Exteroceptive Integration. Cerebral Cortex Communications, 2020, 1, tgaa060.	1.6	18
445	Effects of High-Definition Transcranial Direct-Current Stimulation on Resting-State Functional Connectivity in Patients With Disorders of Consciousness. Frontiers in Human Neuroscience, 2020, 14, 560586.	2.0	19
446	A CNN-based personalized system for attention detection in wayfinding tasks. Advanced Engineering Informatics, 2020, 46, 101180.	8.0	7
447	EEG correlates of spatial shifts of attention in a dynamic multi-talker speech perception scenario in younger and older adults. Hearing Research, 2020, 398, 108077.	2.0	17
448	Spectral power of interictal EEG in the diagnosis and prognosis of idiopathic generalized epilepsies. Epilepsy and Behavior, 2020, 112, 107427.	1.7	24
449	Robust EEG-Based Decoding of Auditory Attention With High-RMS-Level Speech Segments in Noisy Conditions. Frontiers in Human Neuroscience, 2020, 14, 557534.	2.0	6
450	Exploring approach motivation: Correlating self-report, frontal asymmetry, and performance in the Effort Expenditure for Rewards Task. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 1234-1247.	2.0	2
451	How depressive symptoms and fear of negative evaluation affect feedback evaluation in social decision-making. Journal of Affective Disorders Reports, 2020, 1, 100004.	1.7	9
452	Cold pressor pain assessment based on EEG power spectrum. SN Applied Sciences, 2020, 2, 1.	2.9	7

#	Article	IF	CITATIONS
453	Event-related potentials reflect prediction errors and pop-out during comprehension of degraded speech. Neuroscience of Consciousness, 2020, 2020, niaa022.	2.6	7
454	Salient distractors open the door of perception: alpha desynchronization marks sensory gating in a working memory task. Scientific Reports, 2020, 10, 19179.	3.3	14
455	Differences in Power Spectral Densities and Phase Quantities Due to Processing of EEG Signals. Sensors, 2020, 20, 6285.	3.8	17
456	Electrophysiological correlates of the spatial temporal order judgment task. Biological Psychology, 2020, 156, 107947.	2.2	1
457	External rewards and positive stimuli promote different cognitive control engagement strategies in children. Developmental Cognitive Neuroscience, 2020, 44, 100806.	4.0	11
458	Neural indices of orienting, discrimination, and conflict monitoring after contextual fear and safety learning. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 917-927.	2.0	5
459	Changes in Spectral Power and Functional Connectivity of Response-Conflict Task After Neurofeedback Training. IEEE Access, 2020, 8, 139444-139459.	4.2	9
460	Novel eyeâ€blink artefact detection algorithm from raw EEG signals using FCNâ€based semantic segmentation method. IET Signal Processing, 2020, 14, 489-494.	1.5	8
461	Adaptiveness in proactive control engagement in children and adults. Developmental Cognitive Neuroscience, 2020, 46, 100870.	4.0	14
462	Sequential Attention-based Detection of Semantic Incongruities from EEG While Listening to Speech. , 2020, 2020, 268-271.		3
463	Stronger resting-state neural oscillations associated with wiser advising from the 2nd- but not the 3rd-person perspective. Scientific Reports, 2020, 10, 12677.	3.3	7
464	Physiological correlates of cognitive load in laparoscopic surgery. Scientific Reports, 2020, 10, 12927.	3.3	13
465	A dual mechanism underlying retroactive shifts of auditory spatial attention: dissociating target- and distractor-related modulations of alpha lateralization. Scientific Reports, 2020, 10, 13860.	3.3	12
466	Fast fronto-parietal cortical dynamics of conflict detection and context updating in a flanker task. Cognitive Neurodynamics, 2020, 14, 795-814.	4.0	7
467	Brain Activity Reveals Multiple Motor-Learning Mechanisms in a Real-World Task. Frontiers in Human Neuroscience, 2020, 14, 354.	2.0	30
468	A Machine Learning approach for Recognizing Intellectual Development Disorder using EEG. , 2020, , .		3
469	Haptic Perception in Extreme Obesity: qEEG Study Focused on Predictive Coding and Body Schema. Brain Sciences, 2020, 10, 908.	2.3	9
470	Cross-Frequency Power-Power Coupling Analysis: A Useful Cross-Frequency Measure to Classify ICA-Decomposed EEG. Sensors, 2020, 20, 7040.	3.8	10

#	ARTICLE	IF	CITATIONS
471	Characterization of Individual Alpha Frequency of EEG Signals as an Indicator of Cognitive Fatigue. Journal of Physics: Conference Series, 2020, 1505, 012068.	0.4	0
472	Reward processing electrophysiology in schizophrenia: Effects of age and illness phase. NeuroImage: Clinical, 2020, 28, 102492.	2.7	10
473	Age differences in the neural correlates of the specificity of recollection: An event-related potential study. Neuropsychologia, 2020, 140, 107394.	1.6	13
474	Prediction Error Negativity in Physical Human-Robot Collaboration. , 2020, , .		3
475	Decoding auditory and tactile attention for use in an EEG-based brain-computer interface. , 2020, , .		7
476	An End-to-End Deep Learning Approach for Epileptic Seizure Prediction. , 2020, , .		36
477	Indexing Mental Workload During Simulated Air Traffic Control Tasks by Means of Dual Frequency Head Maps. Frontiers in Physiology, 2020, 11, 300.	2.8	11
478	Tendency to ruminate and anxiety are associated with altered alpha and beta oscillatory power dynamics during memory for contextual details. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 698-716.	2.0	7
479	EEG dataset of individuals with intellectual and developmental disorder and healthy controls under rest and music stimuli. Data in Brief, 2020, 30, 105488.	1.0	12
480	Neural oscillations and event-related potentials reveal how semantic congruence drives long-term memory in both young and older humans. Scientific Reports, 2020, 10, 9116.	3.3	10
481	Effects of Age and Acute Moderate Alcohol Consumption on Electrophysiological Indices of Attention. Journal of Studies on Alcohol and Drugs, 2020, 81, 372-383.	1.0	4
482	No effect of target probability on P3b amplitudes. International Journal of Psychophysiology, 2020, 153, 107-115.	1.0	3
483	Brain Network Constancy and Participant Recognition: an Integrated Approach to Big Data and Complex Network Analysis. Frontiers in Psychology, 2020, 11, 1003.	2.1	5
484	Mental Workload Classification Method Based on EEG Independent Component Features. Applied Sciences (Switzerland), 2020, 10, 3036.	2.5	27
485	Adjusting ADJUST: Optimizing the ADJUST algorithm for pediatric data using geodesic nets. Psychophysiology, 2020, 57, e13566.	2.4	51
486	Attention restoration during environmental exposure via alpha-theta oscillations and synchronization. Journal of Environmental Psychology, 2020, 68, 101406.	5.1	29
487	The Weakened Relationship Between Prestimulus Alpha Oscillations and Response Time in Older Adults With Mild Cognitive Impairment. Frontiers in Human Neuroscience, 2020, 14, 48.	2.0	5
488	Neural differences between chromatic- and luminance-driven attentional salience in visual search. Journal of Vision, 2020, 20, 5.	0.3	3

#	Article	IF	CITATIONS
489	An insight-related neural reward signal. NeuroImage, 2020, 214, 116757.	4.2	40
490	It's costly punishment, not altruistic: Low midfrontal theta and state anger predict punishment. Psychophysiology, 2020, 57, e13557.	2.4	19
491	A Visual Analytic in Deep Learning Approach to Eye Movement for Human-Machine Interaction Based on Inertia Measurement. IEEE Access, 2020, 8, 45924-45937.	4.2	24
492	The Effect of Visual Articulatory Information on the Neural Correlates of Non-native Speech Sound Discrimination. Frontiers in Human Neuroscience, 2020, 14, 25.	2.0	0
493	EEC-Based Maritime Object Detection for IoT-Driven Surveillance Systems in Smart Ocean. IEEE Internet of Things Journal, 2020, 7, 9678-9687.	8.7	15
494	Associations among the home language environment and neural activity during infancy. Developmental Cognitive Neuroscience, 2020, 43, 100780.	4.0	22
495	Stimulus valence influences the evaluative processing of action outcome. NeuroReport, 2020, 31, 840-844.	1.2	1
496	Individual differences of conflict monitoring and feedback processing during reinforcement learning in a mock forensic context. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 408-426.	2.0	3
497	Congruency of intervening events and self-induced action influence prediction of final results. Experimental Brain Research, 2020, 238, 575-586.	1.5	2
498	Multiclass covert speech classification using extreme learning machine. Biomedical Engineering Letters, 2020, 10, 217-226.	4.1	27
499	Dual-process contributions to creativity in jazz improvisations: An SPM-EEG study. Neurolmage, 2020, 213, 116632.	4.2	31
500	Unraveling the Relation between EEG Correlates of Attentional Orienting and Sound Localization Performance: A Diffusion Model Approach. Journal of Cognitive Neuroscience, 2020, 32, 945-962.	2.3	12
501	Tracing the physiological response and behavioral performance of drivers at different levels of mental workload using driving simulators. Journal of Safety Research, 2020, 72, 213-223.	3.6	24
502	Feedback-Related Negativity and Frontal Midline Theta Reflect Dissociable Processing of Reinforcement. Frontiers in Human Neuroscience, 2019, 13, 452.	2.0	19
503	Influence of traffic congestion on driver behavior in post-congestion driving. Accident Analysis and Prevention, 2020, 141, 105508.	5.7	110
504	The quest for the genuine visual mismatch negativity (vMMN): Eventâ€related potential indications of deviance detection for lowâ€level visual features. Psychophysiology, 2020, 57, e13576.	2.4	24
505	EEG fingerprinting: Subject-specific signature based on the aperiodic component of power spectrum. Computers in Biology and Medicine, 2020, 120, 103748.	7.0	52
506	Multivariate patterns of EEG microstate parameters and their role in the discrimination of patients with schizophrenia from healthy controls. Psychiatry Research, 2020, 288, 112938.	3.3	45

#	Article	IF	CITATIONS
507	A reappraisal of the value of video-EEG recording in the emergency department. Expert Review of Neurotherapeutics, 2020, 20, 459-475.	2.8	7
508	Predicting Trial-by-Trial Variation in Oculomotor Behavior Using Multivariate Electroencephalography Theta Phase. IEEE Access, 2020, 8, 65544-65553.	4.2	3
509	Encoding, storage, and response preparation—Distinct EEG correlates of stimulus and action representations in working memory. Psychophysiology, 2020, 57, e13577.	2.4	9
510	Closed-Loop Attention Restoration Theory for Virtual Reality-Based Attentional Engagement Enhancement. Sensors, 2020, 20, 2208.	3.8	15
511	Adolescent cognitive control and mediofrontal theta oscillations are disrupted by neglect: Associations with transdiagnostic risk for psychopathology in a randomized controlled trial. Developmental Cognitive Neuroscience, 2020, 43, 100777.	4.0	18
512	Infants of mothers with higher physiological stress show alterations in brain function. Developmental Science, 2020, 23, e12976.	2.4	25
513	The Effect of Planning, Strategy Learning, and Working Memory Capacity on Mental Workload. Scientific Reports, 2020, 10, 7096.	3.3	12
514	Warmer Environments Increase Implicit Mental Workload Even If Learning Efficiency Is Enhanced. Frontiers in Psychology, 2020, 11, 568.	2.1	9
515	Ld-EEG Effective Brain Connectivity in Patients With Cheyne-Stokes Respiration. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1216-1225.	4.9	6
516	Chemosensory Event-Related Potentials and Power Spectrum Could Be a Possible Biomarker in 3M Syndrome Infants?. Brain Sciences, 2020, 10, 201.	2.3	3
517	The Maryland analysis of developmental EEG (MADE) pipeline. Psychophysiology, 2020, 57, e13580.	2.4	106
518	Enhanced Attention Using Head-mounted Virtual Reality. Journal of Cognitive Neuroscience, 2020, 32, 1438-1454.	2.3	31
519	Signal Artifacts and Techniques for Artifacts and Noise Removal. Intelligent Systems Reference Library, 2021, , 23-79.	1.2	11
520	Dynamic Adjustments of Midfrontal Control Signals in Adults and Adolescents. Cerebral Cortex, 2021, 31, 795-808.	2.9	6
521	Investigating brain electrical activity and functional connectivity in adolescents with clinically elevated levels of ADHD symptoms in alpha frequency band. Brain Research, 2021, 1750, 147142.	2.2	13
522	Sensor-based indicators of performance changes between sessions during robotic surgery training. Applied Ergonomics, 2021, 90, 103251.	3.1	24
523	Boosting working memory with accelerated clocks. NeuroImage, 2021, 226, 117601.	4.2	2
524	An electroencephalographic examination of the autonomous sensory meridian response (ASMR). Consciousness and Cognition, 2021, 87, 103053.	1.5	26

#	Article	IF	Citations
525	Theta activity from frontopolar cortex, mid-cingulate cortex and anterior cingulate cortex shows different roles in cognitive planning performance. NeuroImage, 2021, 226, 117557.	4.2	20
526	Electroencephalography decoding of Chinese characters in primary school children and its prediction for word reading performance and development. Developmental Science, 2021, 24, e13060.	2.4	5
527	Don't stop me now: Hampered retrieval of action plans following interruptions. Psychophysiology, 2021, 58, e13725.	2.4	8
528	Validation of SOBIâ€DANS method for automatic identification of horizontal and vertical eye movement components from EEG. Psychophysiology, 2021, 58, e13731.	2.4	5
529	EEG Integrated Platform Lossless (EEG-IP-L) pre-processing pipeline for objective signal quality assessment incorporating data annotation and blind source separation. Journal of Neuroscience Methods, 2021, 347, 108961.	2.5	37
530	The impact of hand movement velocity on cognitive conflict processing in a 3D object selection task in virtual reality. NeuroImage, 2021, 226, 117578.	4.2	8
531	Spectral Power in Marmoset Frontal Motor Cortex during Natural Locomotor Behavior. Cerebral Cortex, 2021, 31, 1077-1089.	2.9	8
532	Standardization and Personalized Medicine Using Quantitative EEG in Clinical Settings. Clinical EEG and Neuroscience, 2021, 52, 82-89.	1.7	17
533	A Temporal–Spatial Deep Learning Approach for Driver Distraction Detection Based on EEG Signals. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2665-2677.	5.2	39
534	Modulation of early auditory processing by visual information: Prediction or bimodal integration?. Attention, Perception, and Psychophysics, 2021, 83, 1538-1551.	1.3	4
535	Cognitive Workload Recognition Using EEG Signals and Machine Learning: A Review. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 799-818.	3.8	42
536	Classifying Imaginary Vowels from Frontal Lobe EEG via Deep Learning. , 2021, , .		1
537	EEG correlates of verbal and conscious processing of motor control in sport and human movement: a systematic review. International Review of Sport and Exercise Psychology, 2023, 16, 396-427.	5.7	10
538	Neural Correlates of Single-Task Versus Cognitive-Motor Dual-Task Training. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 532-540.	3.8	3
539	The Effect of Media Professionalization on Cognitive Neurodynamics During Audiovisual Cuts. Frontiers in Systems Neuroscience, 2021, 15, 598383.	2.5	9
540	A Trend on Autism Spectrum Disorder Research: Eye Tracking-EEG Correlative Analytics. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 1232-1244.	3.8	4
541	Brain-Computer Interface for Stroke Rehabilitation. , 2021, , 1-31.		1
542	Is Brain Dynamics Preserved in the EEG After Automated Artifact Removal? A Validation of the Fingerprint Method and the Automatic Removal of Cardiac Interference Approach Based on Microstate Analysis. Frontiers in Neuroscience, 2020, 14, 577160.	2.8	7

#	Article	IF	CITATIONS
543	A Deep Learning Approach for Brain Computer Interaction-Motor Execution EEG Signal Classification. IEEE Access, 2021, 9, 101513-101529.	4.2	13
544	Electromyogram (EMG) Removal by Adding Sources of EMG (ERASE)—A Novel ICA-Based Algorithm for Removing Myoelectric Artifacts From EEG. Frontiers in Neuroscience, 2020, 14, 597941.	2.8	15
545	Monetary payoffs modulate reciprocity expectations in outcome evaluations: An eventâ€related potential study. European Journal of Neuroscience, 2021, 53, 902-915.	2.6	4
546	Mobile EEG reveals functionally dissociable dynamic processes supporting realâ€world ambulatory obstacle avoidance: Evidence for early proactive control. European Journal of Neuroscience, 2021, 54, 8106-8119.	2.6	21
547	Changes in Brain Functional Network Connectivity in Adult Moyamoya Diseases. Cognitive Neurodynamics, 2021, 15, 861-872.	4.0	7
548	Change detection of auditory tonal patterns defined by absolute versus relative pitch information. A combined behavioural and EEG study. PLoS ONE, 2021, 16, e0247495.	2.5	2
550	Abnormally Large Baseline P300 Amplitude Is Associated With Conversion to Psychosis in Clinical High Risk Individuals With a History of Autism: A Pilot Study. Frontiers in Psychiatry, 2021, 12, 591127.	2.6	10
552	Interactions of Emotion and Self-reference in Source Memory: An ERP Study. Cognitive, Affective and Behavioral Neuroscience, 2021, 21, 172-190.	2.0	5
553	Approach of visual stimuli facilitates the prediction of tactile events and suppresses beta band oscillations around the primary somatosensory area. NeuroReport, 2021, 32, 631-635.	1.2	4
554	Estimation of the independent components reliability of EEG signal in a clinical application. Biomedical Signal Processing and Control, 2021, 65, 102336.	5.7	2
555	Event-Related Potentials During Decision-Making in a Mixed-Strategy Game. Frontiers in Neuroscience, 2021, 15, 552750.	2.8	0
556	Analyses of Stroop EEG using Event Related Potentials and Time-Frequency Decomposition. , 2021, , .		0
557	Multiple Spatial Coordinates Influence the Prediction of Tactile Events Facilitated by Approaching Visual Stimuli. Multisensory Research, 2021, 34, 1-21.	1.1	1
558	Continuous theta-burst stimulation modulates language-related inhibitory processes in bilinguals: evidence from event-related potentials. Brain Structure and Function, 2021, 226, 1453-1466.	2.3	4
559	Crossâ€modal predictive processing depends on context rather than local contingencies. Psychophysiology, 2021, 58, e13811.	2.4	3
560	Resting-state functional brain connectivity predicts cognitive performance: An exploratory study on a time-based prospective memory task. Behavioural Brain Research, 2021, 402, 113130.	2.2	6
561	EEG-Based Sleep Staging Analysis with Functional Connectivity. Sensors, 2021, 21, 1988.	3.8	18
562	Electroencephalography restingâ€state networks in people with Stroke. Brain and Behavior, 2021, 11, e02097.	2.2	20

#	Article	IF	CITATIONS
564	Facial Emotions Are Accurately Encoded in the Neural Signal of Those With Autism Spectrum Disorder: A Deep Learning Approach. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 688-695.	1.5	2
565	Open science in psychophysiology: An overview of challenges and emerging solutions. International Journal of Psychophysiology, 2021, 162, 69-78.	1.0	20
566	A new automated multi-stage system of non-local means and multi-kernel adaptive filtering techniques for EEG noise and artifacts suppression. Journal of Neural Engineering, 2021, 18, 036023.	3.5	9
567	The Effects of Dynamic and Static Emotional Facial Expressions of Humans and Their Avatars on the EEG: An ERP and ERD/ERS Study. Frontiers in Neuroscience, 2021, 15, 651044.	2.8	11
568	The influence of monetary reward on proactive and reactive control in adolescent males. Developmental Cognitive Neuroscience, 2021, 48, 100934.	4.0	5
570	Adaptive Filtering for Improved EEC-Based Mental Workload Assessment of Ambulant Users. Frontiers in Neuroscience, 2021, 15, 611962.	2.8	22
571	Unraveling the Electrophysiological Activity Behind Recognition Memory. Journal of Psychophysiology, 2021, 35, 76-88.	0.7	2
572	EEG Decoding of Dynamic Facial Expressions of Emotion: Evidence from SSVEP and Causal Cortical Network Dynamics. Neuroscience, 2021, 459, 50-58.	2.3	9
573	Atypical Mediofrontal Theta Oscillations Underlying Cognitive Control in Kindergarteners With Autism Spectrum Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 566-575.	1.5	3
574	Neural signatures of vigilance decrements predict behavioural errors before they occur. ELife, 2021, 10, .	6.0	14
575	Neural and Behavioral Evidence for Vibrotactile Beat Perception and Bimodal Enhancement. Journal of Cognitive Neuroscience, 2021, 33, 635-650.	2.3	3
576	Potentiated perceptual neural responses to learned threat during Pavlovian fear acquisition and extinction in adolescents. Developmental Science, 2021, 24, e13107.	2.4	4
577	Decoding Covert Speech From EEG-A Comprehensive Review. Frontiers in Neuroscience, 2021, 15, 642251.	2.8	50
579	Electrophysiological investigation of reward anticipation and outcome evaluation during slot machine play. NeuroImage, 2021, 232, 117874.	4.2	8
580	Monitoring distraction of construction workers caused by noise using a wearable Electroencephalography (EEG) device. Automation in Construction, 2021, 125, 103598.	9.8	48
581	Overt and covert attention shifts to emotional faces: Combining EEG, eye tracking, and a go/noâ€go paradigm. Psychophysiology, 2021, 58, e13838.	2.4	3
582	A fast and scalable framework for automated artifact recognition from EEG signals represented in scalp topographies of Independent Components. Computers in Biology and Medicine, 2021, 132, 104347.	7.0	11
583	Physiological responses to elevated carbon dioxide concentration and mental workload during performing MATB tasks. Building and Environment, 2021, 195, 107752.	6.9	20

#	Article	IF	CITATIONS
584	The modulation of attentional deployment on regret: an event-related potential study. NeuroReport, 2021, 32, 621-630.	1.2	9
586	EEG-based auditory attention decoding using speech-level-based segmented computational models. Journal of Neural Engineering, 2021, 18, 046066.	3.5	2
587	Vocalizing and singing reveal complex patterns of corollary discharge function in schizophrenia. International Journal of Psychophysiology, 2021, 164, 30-40.	1.0	3
588	Cortical entrainment to hierarchical contextual rhythms recomposes dynamic attending in visual perception. ELife, 2021, 10, .	6.0	6
589	Topography of Movement-Related Delta and Theta Brain Oscillations. Brain Topography, 2021, 34, 608-617.	1.8	8
591	Removal of eye blink artifacts from EEG signal using morphological modeling and orthogonal projection. Signal, Image and Video Processing, 2022, 16, 19-27.	2.7	7
592	Using electrophysiological measures to evaluate the sense of presence in immersive virtual environments: An eventâ€related potential study. Brain and Behavior, 2021, 11, e2269.	2.2	10
594	Fearful faces modulate spatial processing in peripersonal space: An ERP study. Neuropsychologia, 2021, 156, 107827.	1.6	7
596	Perceptual difficulty modulates the direction of information flow in familiar face recognition. NeuroImage, 2021, 233, 117896.	4.2	36
597	Age-related differences in alpha and beta band activity in sensory association brain areas during challenging sensory tasks. Behavioural Brain Research, 2021, 408, 113279.	2.2	2
598	Neuroplasticity in the phonological system: The PMN and the N400 as markers for the perception of non-native phonemic contrasts by late second language learners. Neuropsychologia, 2021, 156, 107831.	1.6	5
599	EPOS: EEG Processing Open-Source Scripts. Frontiers in Neuroscience, 2021, 15, 660449.	2.8	29
600	Social and Non-social Brain Areas in Risk Behaviour: The Role of Social Context. Neuroscience, 2021, 465, 177-186.	2.3	4
601	Ocular artifact elimination from electroencephalography signals: A systematic review. Biocybernetics and Biomedical Engineering, 2021, 41, 960-996.	5.9	29
602	Self-reported daily sleep quality modulates the impact of the framing effect on outcome evaluation in decision-making under uncertainty: An ERP study. Neuropsychologia, 2021, 157, 107864.	1.6	3
603	Review of challenges associated with the EEG artifact removal methods. Biomedical Signal Processing and Control, 2021, 68, 102741.	5.7	58
604	An improved MAMA-EMD for the automatic removal of EOG artifacts. Biocybernetics and Biomedical Engineering, 2021, 41, 1182-1196.	5.9	3
605	EEC based visual cognitive workload analysis using multirate IIR filters. Biomedical Signal Processing and Control, 2021, 68, 102819.	5.7	6

#	Article	IF	CITATIONS
606	The aversion positivity: Mediofrontal cortical potentials reflect parametric aversive prediction errors and drive behavioral modification following negative reinforcement. Cortex, 2021, 140, 26-39.	2.4	7
607	Is second best good enough? An EEG study on the effects of word expectancy in sentence comprehension. Language, Cognition and Neuroscience, 2022, 37, 209-223.	1.2	4
609	Midfrontal theta as moderator between beta oscillations and precision control. NeuroImage, 2021, 235, 118022.	4.2	9
611	Frontal midline theta differentiates separate cognitive control strategies while still generalizing the need for cognitive control. Scientific Reports, 2021, 11, 14641.	3.3	21
612	Automated pipeline for EEG artifact reduction (APPEAR) recorded during fMRI. Journal of Neural Engineering, 2021, 18, 0460b4.	3.5	13
613	Orthogonal neural codes for speech in the infant brain. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
614	Love Your Country: EEG Evidence of Actor Preferences of Audiences in Patriotic Movies. Frontiers in Psychology, 2021, 12, 717025.	2.1	1
615	MCI Detection Using Kernel Eigen-Relative-Power Features of EEG Signals. Actuators, 2021, 10, 152.	2.3	7
617	Concealing Untrustworthiness: The Role of Conflict Monitoring in a Social Deception Task. Frontiers in Psychology, 2021, 12, 718334.	2.1	1
618	Do congruent lip movements facilitate speech processing in a dynamic audiovisual multi-talker scenario? An ERP study with older and younger adults. Behavioural Brain Research, 2021, 412, 113436.	2.2	14
619	The impact of reading fluency level on interactive information retrieval. Universal Access in the Information Society, 2023, 22, 51-67.	3.0	1
620	Parametric Cortical Representations of Complexity and Preference for Artistic and Computer-Generated Fractal Patterns Revealed by Single-Trial EEG Power Spectral Analysis. NeuroImage, 2021, 236, 118092.	4.2	4
621	Altered Cerebellar Oscillations in Parkinson's Disease Patients during Cognitive and Motor Tasks. Neuroscience, 2021, 475, 185-196.	2.3	13
623	EEG microstate in obstructive sleep apnea patients. Scientific Reports, 2021, 11, 17178.	3.3	5
624	Perceptual and cognitive processes in augmented reality – comparison between binocular and monocular presentations. Attention, Perception, and Psychophysics, 2022, 84, 490-508.	1.3	1
625	Automatic subject-specific spatiotemporal feature selection for subject-independent affective BCI. PLoS ONE, 2021, 16, e0253383.	2.5	5
626	Cognitive network hyperactivation and motor cortex decline correlate with ALS prognosis. Neurobiology of Aging, 2021, 104, 57-70.	3.1	13
627	Identifying Individuals With Mild Cognitive Impairment Using Working Memory-Induced Intra-Subject Variability of Resting-State EEGs. Frontiers in Computational Neuroscience, 2021, 15, 700467.	2.1	7

#	Article	IF	CITATIONS
628	Resting state EEG network modularity predicts literacy skills in L1 Chinese but not in L2 English. Brain and Language, 2021, 220, 104984.	1.6	7
629	Automated Detection and Removal of Cardiac and Pulse Interferences from Neonatal EEG Signals. Sensors, 2021, 21, 6364.	3.8	2
630	Taskâ€dependent neural representations of visual object categories. European Journal of Neuroscience, 2021, 54, 6445-6462.	2.6	7
631	Wielding and evaluating the removal composition of common artefacts in EEG signals for driving behaviour analysis. Accident Analysis and Prevention, 2021, 159, 106223.	5.7	6
632	Automatic Removal of Eye Blink Artefacts from EEG Data Using Spatio-Temporal Features. Advances in Intelligent Systems and Computing, 2022, , 1-10.	0.6	0
633	TMS Bursts Can Modulate Local and Networks Oscillations During Lower-Limb Movement. Journal of Clinical Neurophysiology, 2023, 40, 371-377.	1.7	1
634	Inter trial coherence of low-frequency oscillations in the course of stroke recovery. Clinical Neurophysiology, 2021, 132, 2447-2455.	1.5	4
635	Negative urgency as a risk factor for hazardous alcohol use: Dual influences of cognitive control and reinforcement processing. Neuropsychologia, 2021, 161, 108009.	1.6	4
637	Emotion-movement relationship: A study using functional brain network and cortico-muscular coupling. Journal of Neuroscience Methods, 2021, 362, 109320.	2.5	7
638	Self–other discrepancies in electrophysiological response to outcome evaluation in the Balloon Analogue Risk Task. International Journal of Psychophysiology, 2021, 170, 6-11.	1.0	7
639	Social context shapes neural processing of others' actions in 9-month-old infants. Journal of Experimental Child Psychology, 2022, 213, 105260.	1.4	8
640	Brain-inspired spiking neural networks for decoding and understanding muscle activity and kinematics from electroencephalography signals during hand movements. Scientific Reports, 2021, 11, 2486.	3.3	34
641	Neural signatures of syntactic variation in speech planning. PLoS Biology, 2021, 19, e3001038.	5.6	13
642	Spatiotemporal Processing of Bimodal Odor Lateralization in the Brain Using Electroencephalography Microstates and Source Localization. Frontiers in Neuroscience, 2020, 14, 620723.	2.8	4
643	Viewer's Attention Flow When Watching Audiovisual Cuts. Advances in Cognitive Neurodynamics, 2021, , 115-123.	0.1	0
644	Synchronization and Granger Causality Associated to Audiovisual Cuts. Advances in Cognitive Neurodynamics, 2021, , 147-153.	0.1	0
645	Feeling the Pain of Others in Need: Studying the Effect of VR on Donation Behavior Using EEG. Lecture Notes in Information Systems and Organisation, 2020, , 172-180.	0.6	2
646	Calibrating Independent Component Analysis with Laplacian Reference for Real-Time EEG Artifact Removal. Lecture Notes in Computer Science, 2014, , 68-75.	1.3	18

#	Article	IF	CITATIONS
647	Monitoring Cognitive Workload in Online Videos Learning Through an EEG-Based Brain-Computer Interface. Lecture Notes in Computer Science, 2017, , 64-73.	1.3	9
648	Mining Spatio-Spectro-Temporal Cortical Dynamics: A Guideline for Offline and Online Electrocorticographic Analyses. , 2013, , 39-55.		3
650	Beyond BCI—Validating a wireless, consumer-grade EEG headset against a medical-grade system for evaluating EEG effects of a test anxiety intervention in school. Advanced Engineering Informatics, 2020, 45, 101106.	8.0	11
651	Exploring the valence-framing effect: Gain frame enhances behavioral and brain sensitivity to the failure of decision-making under uncertainty. International Journal of Psychophysiology, 2020, 153, 166-172.	1.0	15
652	Brief Report: Some Remarks About the Response Relatedness of the Error Negativity. Journal of Psychophysiology, 2014, 28, 22-31.	0.7	1
653	An ERP comparison of derived relations in stimulus equivalence classes Psychology and Neuroscience, 2015, 8, 509-528.	0.8	7
654	Lower left temporal-frontal connectivity characterizes expert and accurate performance: High-alpha T7-Fz connectivity as a marker of conscious processing during movement Sport, Exercise, and Performance Psychology, 2016, 5, 14-24.	0.8	40
672	Multiway analysis of EEG artifacts based on Block Term Decomposition. , 2016, , .		10
673	AR2, a novel automatic muscle artifact reduction software method for ictal EEG interpretation: Validation and comparison of performance with commercially available software. F1000Research, 2017, 6, 30.	1.6	5
674	DETECT: A MATLAB Toolbox for Event Detection and Identification in Time Series, with Applications to Artifact Detection in EEG Signals. PLoS ONE, 2013, 8, e62944.	2.5	39
675	Suppression of the µ Rhythm during Speech and Non-Speech Discrimination Revealed by Independent Component Analysis: Implications for Sensorimotor Integration in Speech Processing. PLoS ONE, 2013, 8, e72024.	2.5	36
676	Neural Responses in Parietal and Occipital Areas in Response to Visual Events Are Modulated by Prior Multisensory Stimuli. PLoS ONE, 2013, 8, e84331.	2.5	9
677	Decoding Individual Finger Movements from One Hand Using Human EEG Signals. PLoS ONE, 2014, 9, e85192.	2.5	121
678	EEG Single-Trial Detection of Gait Speed Changes during Treadmill Walk. PLoS ONE, 2015, 10, e0125479.	2.5	51
679	As Soon as You Taste It: Evidence for Sequential and Parallel Processing of Gustatory Information. ENeuro, 2018, 5, ENEURO.0269-18.2018.	1.9	20
680	Self-Grounded Vision: Hand Ownership Modulates Visual Location through Cortical $\hat{I}^2$ and $\hat{I}^3$ Oscillations. Journal of Neuroscience, 2017, 37, 11-22.	3.6	6
681	Automatic ECG Artefact Removal from EEG Signals. Measurement Science Review, 2019, 19, 101-108.	1.0	11
682	On the Variability of Functional Connectivity and Network Measures in Source-Reconstructed EEG Time-Series. Entropy, 2021, 23, 5.	2.2	7

#	Article	IF	CITATIONS
683	Comparative Study of Dimensionality Reduction Techniques for Spectral–Temporal Data. Information (Switzerland), 2021, 12, 1.	2.9	7
684	Improving Accuracy of Event-Related Potentials Classification by Channel Selection Using Independent Component Analysis and Least Square Methods. International Journal of Software Science and Computational Intelligence, 2016, 8, 1-18.	3.0	4
685	Computational testing for automated preprocessing: a Matlab toolbox to enable large scale electroencephalography data processing. PeerJ Computer Science, 0, 3, e108.	4.5	17
686	Fully automated discrimination of Alzheimer's disease using resting-state electroencephalography signals. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1063-1078.	2.0	16
687	Prediction-Error Negativity to Assess Singularity Avoidance Strategies in Physical Human-Robot Collaboration. , 2021, , .		3
688	Neural correlates of semantic integration in Spanish verb-noun compounds: an ERP study. Language, Cognition and Neuroscience, 2022, 37, 315-329.	1.2	1
689	Intention-based and sensory-based predictions. Scientific Reports, 2021, 11, 19899.	3.3	7
690	Electrophysiological Correlates of Social Decision-making: An EEG Investigation of a Modified Ultimatum Game. Journal of Cognitive Neuroscience, 2021, 34, 54-78.	2.3	8
691	How to refocus attention on working memory representations following interruptions—Evidence from frontal theta and posterior alpha oscillations. European Journal of Neuroscience, 2021, 54, 7820-7838.	2.6	11
692	Resting-state occipital alpha power is associated with treatment outcome in patients with chronic migraine. Pain, 2022, 163, 1324-1334.	4.2	4
694	Behavioral response bias and eventâ€related brain potentials implicate elevated incentive salience attribution to alcohol cues in emerging adults with lower sensitivity to alcohol. Addiction, 2022, 117, 892-904.	3.3	9
695	Instantaneous radiated power of brain activity: application to prepulse inhibition and facilitation for body dysmorphic disorder. BioMedical Engineering OnLine, 2021, 20, 108.	2.7	2
696	On the Effectiveness of ICA based Eye Artifact Removal from EEG Windows of Different Lengths. , 2014, , .		0
697	Study of the removal of TMS induced artifacts on human EEG based on the partial cross-correlations. , 2014, , .		0
698	AR2, a novel automatic artifact reduction software method for ictal EEG interpretation: Validation and comparison of performance with commercially available software. F1000Research, 2017, 6, 30.	1.6	4
699	Hands-Free EEC-Based Control of a Computer Interface Based on Online Detection of Clenching of Jaw. Lecture Notes in Computer Science, 2017, , 497-507.	1.3	2
707	How Many Channels are Enough? Evaluation of Tonic Cranial Muscle Artefact Reduction Using ICA with Different Numbers of EEG Channels. , 2018, , .		4
711	Time-series cross-correlation of physiological responses during emotion induction: A frontal alpha asymmetry and heart rate study. Japanese Journal of Research on Emotions, 2019, 26, 62-70.	0.0	0

#	Article	IF	CITATIONS
718	Movement-Related EEG Oscillations of Contralesional Hemisphere Discloses Compensation Mechanisms of Severely Affected Motor Chronic Stroke Patients. International Journal of Neural Systems, 2021, 31, 2150053.	5.2	6
719	The state of memory-matched distractor in working memory influence the visual attention. PLoS ONE, 2020, 15, e0242721.	2.5	0
725	Relying on System 1ÂThinking Leaves You Susceptible to the Peril of Misinformation. Lecture Notes in Information Systems and Organisation, 2020, , 42-48.	0.6	0
728	Feature Overlap and Relevance Determine Sequential Modulations in the Simon Task. Journal of Psychophysiology, 2020, 34, 81-98.	0.7	0
730	Quantifying Cognitive Load in Wayfinding Information Review Using EEG. , 2020, , .		1
732	Strategic and Non-Strategic Semantic Expectations Hierarchically Modulate Neural Processing. ENeuro, 2020, 7, .	1.9	0
733	On EEG Preprocessing Role inÂDeep Learning Effectiveness forÂMental Workload Classification. Communications in Computer and Information Science, 2021, , 81-98.	0.5	6
734	Dissociating value-based neurocomputation from subsequent selection-related activations in human decision-making. Cerebral Cortex, 2022, 32, 4141-4155.	2.9	8
735	Distractor filtering and its electrophysiological correlates in schizophrenia. Clinical Neurophysiology, 2022, 133, 71-82.	1.5	2
736	MMAI - Mobile Moods AI; Electroencephalography Artifact Detection; Towards Objective Assessment of Mental States. , 2021, , .		0
737	Mobile Electroencephalography for Studying Neural Control of Human Locomotion. Frontiers in Human Neuroscience, 2021, 15, 749017.	2.0	4
738	Midfrontal theta oscillations and conflict monitoring in children and adults. Developmental Psychobiology, 2021, 63, e22216.	1.6	10
739	Electroencephalogram Source Imaging and Brain Network Based Natural Grasps Decoding. Frontiers in Neuroscience, 2021, 15, 797990.	2.8	3
740	Graph Analysis of EEG Functional Connectivity Networks During a Letter-Speech Sound Binding Task in Adult Dyslexics. Frontiers in Psychology, 2021, 12, 767839.	2.1	7
741	EEG-Based Classification Between Individuals with Mild Cognitive Impairment and Healthy Controls Using Conformal Kernel-Based Fuzzy Support Vector Machine. International Journal of Fuzzy Systems, 2021, 23, 2432-2448.	4.0	7
742	Internal consistency and test–retest reliability of the P3 eventâ€related potential (ERP) elicited by alcoholic and nonâ€elcoholic beverage pictures. Psychophysiology, 2022, 59, e13967.	2.4	10
743	Predicting upper extremity motor improvement following therapy using EEG-based connectivity in chronic stroke. NeuroRehabilitation, 2022, 50, 105-113.	1.3	6
744	Mental Calculation Drives Reliable and Weak Distant Connectivity While Music Listening Induces Dense Local Connectivity. Phenomics, 0, , 1.	2.9	2

#	Article	IF	CITATIONS
745	The Developmental Change of Print‶uned <scp>N170</scp> in Highly Transparent Writing Systems <sup>1</sup> . Japanese Psychological Research, 2024, 66, 82-89.	1.1	1
746	Comparing the Transfer Effects of Three Neurocognitive Training Protocols in Children With Attention-Deficit/Hyperactivity Disorder: A Single-Case Experimental Design. Behaviour Change, 2023, 40, 11-29.	1.3	2
747	WeBrain: A web-based brainformatics platform of computational ecosystem for EEG big data analysis. NeuroImage, 2021, 245, 118713.	4.2	11
748	A Toolbox and Crowdsourcing Platform for Automatic Labeling of Independent Components in Electroencephalography. Frontiers in Neuroinformatics, 2021, 15, 720229.	2.5	17
749	Automatic Electroencephalogram Artifact Removal Using Deep Convolutional Neural Networks. IEEE Access, 2021, 9, 149955-149970.	4.2	15
750	Modality-specific and modality-general electrophysiological correlates of visual and auditory awareness: Evidence from a bimodal ERP experiment. Neuropsychologia, 2022, 166, 108154.	1.6	2
751	Strategic and Non-Strategic Semantic Expectations Hierarchically Modulate Neural Processing. ENeuro, 2020, 7, ENEURO.0229-20.2020.	1.9	3
752	Combining Audio and Brain Activity for Predicting Speech Quality. , 0, , .		4
753	Cross-Task Cognitive Workload Recognition Based on EEG and Domain Adaptation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 50-60.	4.9	19
754	A survey on EEG-based imagined speech classification. , 2022, , 251-270.		3
755	Prediction of Recovery from Traumatic Brain Injury with EEG Power Spectrum in Combination of Independent Component Analysis and RUSBoost Model. BioMedInformatics, 2022, 2, 106-123.	2.0	2
757	The Effect of Music Listening on EEG Functional Connectivity of Brain: A Short-Duration and Long-Duration Study. Mathematics, 2022, 10, 349.	2.2	13
759	Automated Pipeline for Infants Continuous EEG (APICE): A flexible pipeline for developmental cognitive studies. Developmental Cognitive Neuroscience, 2022, 54, 101077.	4.0	21
760	High-resolution virtual brain modeling personalizes deep brain stimulation for treatment-resistant depression: Spatiotemporal response characteristics following stimulation of neural fiber pathways. NeuroImage, 2022, 249, 118848.	4.2	9
761	Detection and analysis of cortical beta bursts in developmental EEG data. Developmental Cognitive Neuroscience, 2022, 54, 101069.	4.0	15
762	NEAR: An artifact removal pipeline for human newborn EEG data. Developmental Cognitive Neuroscience, 2022, 54, 101068.	4.0	18
763	Design of an EEG analytical methodology for the analysis and interpretation of cerebral connectivity signals. Procedia Computer Science, 2022, 199, 1401-1408.	2.0	2
764	Documenting the Late Positive Potential towards Self-imagery within Social Anxiety. Psychiatry Research - Neuroimaging, 2022, 321, 111457.	1.8	Ο

#	Article	IF	Citations
" 765	Hypofunction of directed brain network within alpha frequency band in depressive patients: a	4.0	7
700	graph-theoretic analysis. Cognitive Neurodynamics, 2022, 16, 1059-1071.	1.0	,
766	Behavioural and EEG evidence for inter-individual variability in late encoding stages of word production. Language, Cognition and Neuroscience, 2022, 37, 902-924.	1.2	Ο
767	Efficient Artifact Removal from Low-Density Wearable EEG using Artifacts Subspace Reconstruction. , 2021, 2021, 333-336.		11
768	Ensemble Deep Neural Network for Automatic Classification of EEG Independent Components. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 559-568.	4.9	4
769	On second thought … the influence of a second stage in the ultimatum game on decision behavior, electroâ€cortical correlates and their trait interrelation. Psychophysiology, 2022, 59, e14023.	2.4	5
770	Comparing impacts of meditation training in focused attention, open monitoring, and mindfulnessâ€based cognitive therapy on emotion reactivity and regulation: Neural and subjective evidence from a dismantling study. Psychophysiology, 2022, 59, e14024.	2.4	9
771	Deciding on Optical Illusions: Reduced Alpha Power in Body Dysmorphic Disorder. Brain Sciences, 2022, 12, 293.	2.3	2
773	Gammaâ€band neural coupling during conceptual alignment. Human Brain Mapping, 2022, 43, 2992-3006.	3.6	9
774	All-or-none neural mechanisms underlying face categorization: evidence from the N170. Cerebral Cortex, 2023, 33, 777-793.	2.9	1
775	Brain dynamics in alpha and beta frequencies underlies response activation during readiness of goal-directed hand movement. Neuroscience Research, 2022, , .	1.9	0
776	Prediction of seizure recurrence using electroencephalogram analysis with multiscale deep neural networks before withdrawal of antiepileptic drugs. Pediatrics and Neonatology, 2022, 63, 283-290.	0.9	2
777	Viewing neurovascular coupling through the lens of combined <scp>EEG</scp> – <scp>fNIRS</scp> : A systematic review of current methods. Psychophysiology, 2022, 59, e14054.	2.4	10
778	Neural correlates of enhancing question asking and initiations in children with autism spectrum disorders: A Randomized Clinical Trial. Social Neuroscience, 2022, 17, 181-192.	1.3	0
779	Total Sleep Deprivation Triggers Greater Activation in the Parietal Brain in the Visual Working Memory Updating Processes: An Event-Related Potentials Study. Frontiers in Neuroscience, 2022, 16, 736437.	2.8	6
780	Independent evaluation of the harvard automated processing pipeline for Electroencephalography 1.0 using multi-site EEG data from children with Fragile X Syndrome. Journal of Neuroscience Methods, 2022, 371, 109501.	2.5	0
781	Evaluating the Modulation of the Acoustic Startle Reflex in Children and Adolescents via Vertical EOG and EEG: Sex, Age, and Behavioral Effects. Frontiers in Neuroscience, 2022, 16, 798667.	2.8	3
782	A randomized controlled trial into the effects of probiotics on electroencephalography in preschoolers with autism. Autism, 2023, 27, 117-132.	4.1	10
783	Neural correlates of familiar and unfamiliar action in infancy. Journal of Experimental Child Psychology, 2022, 220, 105415.	1.4	4

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#	Article	IF	CITATIONS
784	Interpretable SincNet-based Deep Learning for Emotion Recognition from EEG brain activity. , 2021, 2021, 412-415.		7
785	Wearable EEG Entropy and Spectral Measures for Classification of Consumer Reward-based Evaluation of Odor Stimuli. , 2021, 2021, 5999-6002.		2
786	Brain-Inspired Image Quality Assessment Method based on Electroencephalography Feature Learning. , 2021, , .		3
787	A multi-step blind source separation approach for the attenuation of artifacts in mobile high-density electroencephalography data. Journal of Neural Engineering, 2021, 18, 066041.	3.5	4
788	Do Attentional Lapses Account for the Worst Performance Rule?. Journal of Intelligence, 2022, 10, 2.	2.5	2
789	The Influence of Mental Imagery Expertise of Pen and Paper Players versus Computer Gamers upon Performance and Electrocortical Correlates in a Difficult Mental Rotation Task. Symmetry, 2021, 13, 2337.	2.2	0
790	EEG Data Analysis for Intellectual Developmental Disorder. , 2021, , .		1
791	Investigation of Certainty in High-Level Decisions by Analyzing Behavioral Data. The Neuroscience Journal of Shefaye Khatam, 2021, 10, 56-64.	0.4	0
792	An event-related potential study of the testing effect: Electrophysiological evidence for context-dependent processes changing throughout repeated practice. Biological Psychology, 2022, 171, 108341.	2.2	0
793	Improved Cognitive Vigilance Assessment after Artifact Reduction with Wavelet Independent Component Analysis. Sensors, 2022, 22, 3051.	3.8	5
794	Heterogeneous overtaking and learning styles with varied EEG patterns in a reinforced driving task. Accident Analysis and Prevention, 2022, 171, 106665.	5.7	2
811	The Importance of Ocular Artifact Removal in Single-Trial ERP Analysis: The Case of the N250 in Face Learning. SSRN Electronic Journal, 0, , .	0.4	0
812	EEG-TNet: An End-To-End Brain Computer Interface Framework for Mental Workload Estimation. Frontiers in Neuroscience, 2022, 16, 869522.	2.8	9
813	Structured sparse multiset canonical correlation analysis of simultaneous fNIRS and EEG provides new insights into the human action-observation network. Scientific Reports, 2022, 12, 6878.	3.3	7
815	Sparse representations of high dimensional neural data. Scientific Reports, 2022, 12, 7295.	3.3	1
816	Visual competition attenuates emotion effects during overt attention shifts. Psychophysiology, 2022, 59, e14087.	2.4	2
818	Resting state electroencephalography (EEG) correlates with children's language skills: Evidence from sentence repetition. Brain and Language, 2022, 230, 105137.	1.6	4
819	Preprocessing Pipelines for EEG. SHS Web of Conferences, 2022, 139, 03029.	0.2	0

#	Article	IF	CITATIONS
820	Analysis of brain signal processing and real-time EEG signal enhancement. Multimedia Tools and Applications, 2022, 81, 41013-41033.	3.9	5
822	The Effects of a Virtual Reality Rehabilitation Task on Elderly Subjects: An Experimental Study Using Multimodal Data. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1684-1692.	4.9	2
823	Action effect predictions in â€~what', â€~when', and â€~whether' intentional actions. Brain Research, 147992.	2022, , 2.2	1
824	An exploratory study of drivers' EEG response during emergent collision avoidance. Journal of Safety Research, 2022, 82, 241-250.	3.6	3
825	Relationship Between the Practice of Tai Chi for More Than 6 Months With Mental Health and Brain in University Students: An Exploratory Study. Frontiers in Human Neuroscience, 0, 16, .	2.0	3
826	Partial event coincidence analysis for distinguishing direct and indirect coupling in functional network construction. Chaos, 2022, 32, 063134.	2.5	2
827	Pattern reinstatement and attentional control overlap during episodic long-term memory retrieval. Scientific Reports, 2022, 12, .	3.3	2
828	New interdependence feature of EEG signals as a biomarker of timing deficits evaluated in Attention-Deficit/Hyperactivity Disorder detection. Measurement: Journal of the International Measurement Confederation, 2022, 199, 111468.	5.0	13
829	Abnormal Brain Topological Structure of Mild Depression During Visual Search Processing Based on EEG Signals. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1705-1715.	4.9	4
830	Preparing for the unknown: How working memory provides a link between perception and anticipated action. NeuroImage, 2022, 260, 119466.	4.2	6
831	Right Frontal Theta: Is It a Response Biomarker for Ketamine's Therapeutic Action in Anxiety Disorders?. Frontiers in Neuroscience, 0, 16, .	2.8	0
832	Stress diminishes outcome but enhances response representations during instrumental learning. ELife, 0, 11, .	6.0	9
833	HAPPILEE: HAPPE In Low Electrode Electroencephalography, a standardized pre-processing software for lower density recordings. NeuroImage, 2022, 260, 119390.	4.2	12
834	Ten challenges for EEG-based affective computing. Brain Science Advances, 2019, 5, 1-20.	0.9	8
835	The HAPPE plus Event-Related (HAPPE+ER) software: A standardized preprocessing pipeline for event-related potential analyses. Developmental Cognitive Neuroscience, 2022, 57, 101140.	4.0	11
836	Towards safe and collaborative aerodrome operations: Assessing shared situational awareness for adverse weather detection with EEG-enabled Bayesian neural networks. Advanced Engineering Informatics, 2022, 53, 101698.	8.0	13
837	Cognitive workload classification: Towards generalization through innovative pipeline interface using HMM. Biomedical Signal Processing and Control, 2022, 78, 104010.	5.7	3
838	Standardizing continuous data classifications in a virtual T-maze using two-layer feedforward networks. Scientific Reports, 2022, 12, .	3.3	2

		CITATION REPORT		
#	ARTICLE		IF	CITATIONS
839	EPIC: Annotated epileptic EEG independent components for artifact reduction. Scientific D	'ata, 2022, 9, .	5.3	2
840	Source localization and functional network analysis in emotion cognitive reappraisal with I integration. Frontiers in Human Neuroscience, 0, 16, .	EEG-fMRI	2.0	5
841	A Review on Machine Learning Approaches in Identification of Pediatric Epilepsy. SN Comp 2022, 3, .	uter Science,	3.6	8
842	Extracting and supplementing method for EEG signal in manufacturing workshop based or learning of timeâ $\in$ "frequency correlation. Journal of Intelligent Manufacturing, 0, , .	n deep	7.3	1
844	Electroencephalogram microstates and functional connectivity of cybersickness. Frontiers Neuroscience, 0, 16, .	in Human	2.0	3
845	Challenges and new perspectives of developmental cognitive EEG studies. NeuroImage, 20 119508.	22, 260,	4.2	6
846	The modulation of attentional deployment on emotional sensitivity to missed opportunity depressive individuals: An event-related potential study. Journal of Affective Disorders, 202	in 22, 317, 29-36.	4.1	2
847	The importance of ocular artifact removal in single-trial ERP analysis: The case of the N250 learning. Biomedical Signal Processing and Control, 2023, 79, 104115.	in face	5.7	2
848	Improved Manual Annotation of EEG Signals through Convolutional Neural Network Guida ENeuro, 2022, 9, ENEURO.0160-22.2022.	nce.	1.9	3
849	Representational structure of fMRI/EEG responses to dynamic facial expressions. NeuroIma 263, 119631.	age, 2022,	4.2	0
850	Detection of Motor Activity in Visual Cognitive Task Using Autoregressive Modelling and D Recurrent Network. Lecture Notes in Electrical Engineering, 2022, , 371-381.	leep	0.4	1
851	Detection and Estimation of Cognitive Conflict During Physical Human–Robot Collabora Transactions on Cognitive and Developmental Systems, 2023, 15, 959-968.	tion. IEEE	3.8	2
852	Human Perception Measurement by Electroencephalography for Facial Image Compression Processing Letters, 2022, 29, 2148-2152.	1. IEEE Signal	3.6	1
853	Measuring The Fatigue of Persons Based on EOG Signal Processing Mmethods. , 2022, , .			0
854	Energy-Efficient Tree-Based EEG Artifact Detection. , 2022, , .			7
855	Multilayer Network Framework Reveals Cross-Frequency Coupling Hubs in Cortical Olfactor Perception. , 2022, , .	iry		2
856	Brain Symmetry in Alpha Band When Watching Cuts in Movies. Symmetry, 2022, 14, 1980	).	2.2	0
857	Adaptable and Robust EEG Bad Channel Detection Using Local Outlier Factor (LOF). Sensc 7314.	rs, 2022, 22,	3.8	3

#	Article	IF	CITATIONS
858	Resting-state EEG reveals global network deficiency in prelingually deaf children with late cochlear implantation. Frontiers in Pediatrics, 0, 10, .	1.9	1
859	Dynamic alpha-gamma phase-amplitude coupling signatures during sevoflurane-induced loss and recovery of consciousness. Neuroscience Research, 2022, , .	1.9	1
861	Neural basis of implicit motor sequence learning: Modulation of cortical power. Psychophysiology, 2023, 60, .	2.4	6
862	An outlier detection-based method for artifact removal of few-channel EEGs. Journal of Neural Engineering, 2022, 19, 056028.	3.5	3
863	Money priming enhances sensitivity to the outcome feedback of decision-making under uncertainty: Evidence from an ERP study. Neuropsychologia, 2022, 176, 108390.	1.6	3
864	Neural responses to social partners' facial expressions are modulated by their social status in an international Journal of Psychophysiology, 2022, 182, 32-38.	1.0	0
866	The influence of self-focused attention on emotional picture processing: An ERP study. Cognitive, Affective and Behavioral Neuroscience, 0, , .	2.0	0
867	Explaining integration of evidence separated by temporal gaps with frontoparietal circuit models. Neuroscience, 2022, , .	2.3	1
868	Acute sensitization of the P3 event-related potential response to beverage images and the risk for alcohol use disorder. Addiction Neuroscience, 2022, 4, 100041.	1.3	2
869	A quantitative model reveals a frequency ordering of prediction and prediction-error signals in the human brain. Communications Biology, 2022, 5, .	4.4	6
871	The automated preprocessing pipe-line for the estimation of scale-wise entropy from EEG data (APPLESEED): Development and validation for use in pediatric populations. Developmental Cognitive Neuroscience, 2022, 58, 101163.	4.0	5
872	Recovery of brain network integration and segregation during the loss and recovery of consciousness induced by sevoflurane. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, , 1-1.	4.9	2
873	Neuroaesthetic exploration on the cognitive processing behind repeating graphics. Frontiers in Neuroscience, 0, 16, .	2.8	0
874	Resting-state electroencephalogram microstate to evaluate post-stroke rehabilitation and associate with clinical scales. Frontiers in Neuroscience, 0, 16, .	2.8	3
875	EEG-based covert speech decoding using random rotation extreme learning machine ensemble for intuitive BCI communication. Biomedical Signal Processing and Control, 2023, 80, 104379.	5.7	7
877	Evidence for predictions established by phantom sound. NeuroImage, 2022, 264, 119766.	4.2	0
878	Removing ocular artifacts from magnetoencephalographic data on naturalistic reading of continuous texts. Frontiers in Neuroscience, 0, 16, .	2.8	3
879	Quantitative EEG features and machine learning classifiers for eye-blink artifact detection: A comparative study. Neuroscience Informatics, 2023, 3, 100115.	4.5	2

#	Article	IF	CITATIONS
880	Experience with pointing gestures facilitates infant vocabulary growth through enhancement of sensorimotor brain activity Developmental Psychology, 2023, 59, 676-690.	1.6	4
882	Probing fMRI brain connectivity and activity changes during emotion regulation by EEG neurofeedback. Frontiers in Human Neuroscience, 0, 16, .	2.0	6
883	Alpha Event-Related Desynchronization During Reward Processing in Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2023, 8, 551-559.	1.5	2
884	Decoding of EEG signals reveals non-uniformities in the neural geometry of colour. NeuroImage, 2023, 268, 119884.	4.2	3
885	Source Localization and Spectrum Analyzing of EEG in Stuttering State upon Dysfluent Utterances. Clinical EEG and Neuroscience, 2024, 55, 371-383.	1.7	1
886	Efficient use of peripheral information for temporal prediction. Biological Psychology, 2023, 177, 108484.	2.2	1
887	Multimodal Sensing and Computational Intelligence for Situation Awareness Classification in Autonomous Driving. IEEE Transactions on Human-Machine Systems, 2023, 53, 270-281.	3.5	5
888	Brain-Computer Interface for Stroke Rehabilitation. , 2023, , 1285-1315.		0
890	Multivariate EEG activity reflects the Bayesian integration and the integrated Galilean relative velocity of sensory motion during sensorimotor behavior. Communications Biology, 2023, 6, .	4.4	0
891	Schizo-Net: A <i>novel</i> Schizophrenia Diagnosis Framework Using Late Fusion Multimodal Deep Learning on Electroencephalogram-Based Brain Connectivity Indices. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2023, 31, 464-473.	4.9	9
892	Actively open-minded thinking is key to combating fake news: A multimethod study. Information and Management, 2023, 60, 103761.	6.5	1
893	Reduction in right lateralized N2 error response to stroke order violations in poor Chinese word spellers: A study on event-related potential markers for Chinese reading and spelling. Journal of Experimental Child Psychology, 2023, 229, 105625.	1.4	0
894	Age-related trends in aperiodic EEG activity and alpha oscillations during early- to middle-childhood. NeuroImage, 2023, 269, 119925.	4.2	8
895	Neural dynamics underlying the processing of implicit form-meaning connections: The dissociative roles of theta and alpha oscillations. International Journal of Psychophysiology, 2023, 186, 10-23.	1.0	0
896	Auditory evoked response to an oddball paradigm in children wearing cochlear implants. Clinical Neurophysiology, 2023, 149, 133-145.	1.5	4
897	Transcranial focused ultrasound modulates the emergence of learned helplessness via midline theta modification. Journal of Affective Disorders, 2023, 329, 273-284.	4.1	4
898	Cerebellar oscillatory dysfunction during lower-limb movement in Parkinson's disease with freezing of gait. Brain Research, 2023, 1808, 148334.	2.2	3
899	Trigeminal stimulation is required for neural representations of bimodal odor localization: A time-resolved multivariate EEG and fNIRS study. NeuroImage, 2023, 269, 119903.	4.2	1

#	Article	IF	CITATIONS
900	Single trial variability in neural activity during a working memory task reveals multiple distinct information processing sequences. Neurolmage, 2023, 269, 119895.	4.2	3
901	Frontal-to-visual information flow explains predictive motion tracking. NeuroImage, 2023, 269, 119914.	4.2	2
902	Rating by detection: an artifact detection protocol for rating EEG quality with average event duration. Journal of Neural Engineering, 2023, 20, 026020.	3.5	1
903	EEG-based major depressive disorder recognition by selecting discriminative features via stochastic search. Journal of Neural Engineering, 2023, 20, 026021.	3.5	8
904	Preserved electrophysiological markers of confidence in schizophrenia spectrum disorder. , 2023, 9, .		0
905	Motor-effector dependent modulation of sensory-motor processes identified by the multivariate pattern analysis of EEG activity. Scientific Reports, 2023, 13, .	3.3	0
906	Total sleep deprivation selectively impairs motor preparation sub-stages in visual search task: Evidence from lateralized readiness potentials. Frontiers in Neuroscience, 0, 17, .	2.8	0
907	Revisiting Neurological Aspects ofÂRelevance: An EEG Study. Lecture Notes in Computer Science, 2023, , 549-563.	1.3	1
908	On Time Series Cross-Validation forÂDeep Learning Classification Model ofÂMental Workload Levels Based onÂEEG Signals. Lecture Notes in Computer Science, 2023, , 402-416.	1.3	6
909	Different oscillatory rhythms anticipate failures in executive and arousal vigilance. , 0, 2, .		2
910	Simultaneous multimodal fNIRS-EEG recordings reveal new insights in neural activity during motor execution, observation, and imagery. Scientific Reports, 2023, 13, .	3.3	6
911	Neural correlates of performance monitoring vary as a function of competition between automatic and controlled processes: An ERP study. Consciousness and Cognition, 2023, 110, 103505.	1.5	1
912	Spatiotemporal consistency of neural responses to repeatedly presented video stimuli accounts for population preferences. Scientific Reports, 2023, 13, .	3.3	2
913	Electrophysiological Evidence for Interhemispheric Connectivity and Communication in Young Human Infants. Brain Sciences, 2023, 13, 647.	2.3	0
914	Evaluation of EEG Oscillatory Patterns and Classification of Compound Limb Tactile Imagery. Brain Sciences, 2023, 13, 656.	2.3	13
915	Effect of the level of task abstraction on the transfer of knowledge from virtual environments in cognitive and motor tasks. Frontiers in Behavioral Neuroscience, 0, 17, .	2.0	0
916	Within-subject reproducibility varies in multi-modal, longitudinal brain networks. Scientific Reports, 2023, 13, .	3.3	2
917	Stability, change, and reliable individual differences in electroencephalography measures: A lifespan perspective on progress and opportunities. NeuroImage, 2023, 275, 120116.	4.2	8

#	Article	IF	CITATIONS
919	Relaxed Alert Electroencephalography Screening for Mild Traumatic Brain Injury in Athletes. International Journal of Sports Medicine, 0, , .	1.7	0
920	Effect of Visual Feedback on Behavioral Control and Functional Activity During Bilateral Hand Movement. Brain Topography, 2023, 36, 517-534.	1.8	0
921	Basic Taste Sensation Recognition From EEG Based on Multiscale Convolutional Neural Network With Residual Learning. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-10.	4.7	4
922	Associating Functional Neural Connectivity and Specific Aspects of Sensorimotor Control in Chronic Stroke. Sensors, 2023, 23, 5398.	3.8	1
923	Investigating the role of the right inferior frontal gyrus in control perception: A double-blind cross-over study using ultrasonic neuromodulation. Neuropsychologia, 2023, 187, 108589.	1.6	2
924	Enhanced motor imagery of digits within the same hand via vibrotactile stimulation. Frontiers in Neuroscience, 0, 17, .	2.8	0
925	Reliability of the P3 component in a 3-stimulus concealed information test with known and unknown stimuli. Brain and Cognition, 2023, 170, 106004.	1.8	0
926	The effect of combining action observation in virtual reality with kinesthetic motor imagery on cortical activity. Frontiers in Neuroscience, 0, 17, .	2.8	15
927	Attention is required for canonical brain signature of prediction error despite early encoding of the stimuli. PLoS Biology, 2023, 21, e3001866.	5.6	3
929	Long-term sport experience influences general action-related lexical semantic processing: ERP evidence. Language, Cognition and Neuroscience, 0, , 1-14.	1.2	0
930	Physiological Metrics of Surgical Difficulty and Multi-Task Requirement during Robotic Surgery Skills. Sensors, 2023, 23, 4354.	3.8	2
931	Bimodal Fusion Network for Basic Taste Sensation Recognition from Electroencephalography and Electromyography. , 2023, , .		0
932	Impact of social knowledge about the speaker on irony understanding: Evidence from neural oscillations. Social Neuroscience, 2023, 18, 28-45.	1.3	1
933	Topological EEG-Based Functional Connectivity Analysis for Mental Workload State Recognition. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-14.	4.7	1
934	Evaluation of interpretability for deep learning algorithms in EEG emotion recognition: A case study in autism. Artificial Intelligence in Medicine, 2023, 143, 102545.	6.5	6
935	Unravelling brain connectivity patterns in body dysmorphic disorder during decision-making on visual illusions: A graph theoretical approach. Psychiatry Research, 2023, 325, 115256.	3.3	0
937	A meta-analysis of event-related potential correlates of recognition memory. Psychonomic Bulletin and Review, 2023, 30, 2083-2105.	2.8	1
938	Effect of lower limb exoskeleton on the modulation of neural activity and gait classification. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2023, , 1-1.	4.9	Ο

#	Article	IF	CITATIONS
939	Motion sickness resistant people showed suppressed steady-state visually evoked potential (SSVEP) under vection-inducing stimulation. Cognitive Neurodynamics, 0, , .	4.0	1
940	Comparison of the effects of indoor and outdoor exercise on creativity: an analysis of EEG alpha power. Frontiers in Psychology, 0, 14, .	2.1	1
941	The role of middle frontal gyrus in working memory retrieval by the effect of target detection tasks: a simultaneous EEC-fMRI study. Brain Structure and Function, 0, , .	2.3	1
942	Eventâ€Related Spectral Perturbation, Inter Trial Coherence, and Functional Connectivity in motor execution: A comparative EEG study of old and young subjects. Brain and Behavior, 2023, 13, .	2.2	1
944	Temporal Signature of Taskâ€Specificity in Isolated Focal Laryngeal Dystonia. Movement Disorders, 2023, 38, 1925-1935.	3.9	0
945	Moderating effects of self-perceived knowledge in a relevance assessment task: An EEG study. Computers in Human Behavior Reports, 2023, 11, 100295.	4.0	0
946	Enhancing precision in human neuroscience. ELife, 0, 12, .	6.0	4
947	Neural specialization to English words in Chinese children: Joint contribution of age and English reading abilities. Developmental Cognitive Neuroscience, 2023, 63, 101292.	4.0	0
948	Continual Deep Learning for Time Series Modeling. Sensors, 2023, 23, 7167.	3.8	2
949	Visual stimuli in the peripersonal space facilitate the spatial prediction of tactile events—A comparison between approach and nearness effects. Frontiers in Human Neuroscience, 0, 17, .	2.0	0
950	Attention based 1D-CNN for Mental Workload Classification using EEG. , 2023, , .		0
951	Study protocol for a preliminary optimization trial of transcutaneous electrical acupoint stimulation device simulating acupuncture Deqi. European Journal of Integrative Medicine, 2023, 63, 102296.	1.7	0
952	Lateralization and Time-Course of Cortical Phonological Representations during Syllable Production. ENeuro, 2023, 10, ENEURO.0474-22.2023.	1.9	0
953	Alpha/beta-gamma decoupling in methylphenidate medicated ADHD patients. Frontiers in Neuroscience, 0, 17, .	2.8	0
954	Bursting with Potential: How Sensorimotor Beta Bursts Develop from Infancy to Adulthood. Journal of Neuroscience, 2023, 43, 8487-8503.	3.6	2
955	Changes in behavior and neural dynamics across adolescent development. Journal of Neuroscience, 0, , JN-RM-0462-23.	3.6	0
956	Decoding reach-to-grasp from EEG using classifiers trained with data from the contralateral limb. Frontiers in Human Neuroscience, 0, 17, .	2.0	0
957	Recognition of motor intentions from EEGs of the same upper limb by signal traceability and Riemannian geometry features. Frontiers in Neuroscience, 0, 17, .	2.8	0

#	Article	IF	CITATIONS
958	Audiovisual integration in children with cochlear implants revealed through EEG and fNIRS. Brain Research Bulletin, 2023, 205, 110817.	3.0	0
959	Divergent electroencephalogram resting-state functional network alterations in subgroups of autism spectrum disorder: a symptom-based clustering analysis. Cerebral Cortex, 0, , .	2.9	1
960	Pitfalls in scalp EEG: Current obstacles and future directions. Epilepsy and Behavior, 2023, 149, 109500.	1.7	0
961	Toward an Educative EEG-Based neuroIIR System for Adapting Contents. International Journal of Human-Computer Interaction, 0, , 1-15.	4.8	0
963	Cortical activation and BCI performance during brief tactile imagery: A comparative study with motor imagery. Behavioural Brain Research, 2024, 459, 114760.	2.2	0
966	EEG Amplitude Modulation Analysis across Mental Tasks: Towards Improved Active BCIs. Sensors, 2023, 23, 9352.	3.8	0
968	EEG-Based Evaluation of Aesthetic Experience Using BiLSTM Network. International Journal of Human-Computer Interaction, 0, , 1-14.	4.8	0
969	Gait Pattern Recognition Based on Supervised Contrastive Learning Between EEG and EMG. , 2023, , .		0
970	Cortical effects of wrist tendon vibration during an arm tracking task in chronic stroke survivors: An EEG study. PLoS ONE, 2023, 18, e0266586.	2.5	0
971	The bibliometric analysis of EEGLAB software in the Web of Science indexed articles. Neuroscience Informatics, 2024, 4, 100154.	4.5	0
972	High and low pitch sound stimuli effects on heart-brain coupling. Biomedical Engineering Letters, 2024, 14, 331-339.	4.1	0
973	Selecting methods for a modular EEG pre-processing pipeline: An objective comparison. Biomedical Signal Processing and Control, 2024, 90, 105830.	5.7	0
974	EEG connectivity analysis in infants: A Beginner's Guide on Preprocessing and Processing Techniques. Brain Science Advances, 2023, 9, 242-274.	0.9	0
976	The role of co-speech gestures in retrieval and prediction during naturalistic multimodal narrative processing. Language, Cognition and Neuroscience, 0, , 1-16.	1.2	1
978	Effects of green walls on thermal perception and cognitive performance: An indoor study. Building and Environment, 2024, 250, 111180.	6.9	1
979	Predicting the therapeutic response to valproic acid in childhood absence epilepsy through electroencephalogram analysis using machine learning. Epilepsy and Behavior, 2024, 151, 109647.	1.7	0
980	Towards better video services: An EEG-based interpretable model for functional quality of experience evaluation. Displays, 2024, 82, 102657.	3.7	0
981	PLI-Based Connectivity in Resting-EEG is a Robust and Generalizable Feature for Detecting MCI and AD: A Validation on a Diverse Multisite Clinical Dataset. , 2023, , .		0

#	Article	IF	CITATIONS
982	Ongoing EEG artifact correction using blind source separation. Clinical Neurophysiology, 2024, 158, 149-158.	1.5	0
983	EEG-based assessment of driver trust in automated vehicles. Expert Systems With Applications, 2024, 246, 123196.	7.6	1
986	The impact of social hierarchies on neural response to feedback evaluations after advice giving. Human Brain Mapping, 2024, 45, .	3.6	0
987	On Channel Selection forÂEEG-Based Mental Workload Classification. Lecture Notes in Computer Science, 2024, , 403-417.	1.3	0
988	Creative flow as optimized processing: Evidence from brain oscillations during jazz improvisations by expert and non-expert musicians. Neuropsychologia, 2024, 196, 108824.	1.6	0
989	A tutorial on fitting joint models of M/EEG and behavior to understand cognition. Behavior Research Methods, 0, , .	4.0	0
990	The Effect of Tactile Stimulation and Imagery for a Brief Vibratory Stimulus on Fingertip. , 2023, , .		0
991	Exploration of the influence of the quantification method and reference scheme on feedback-related negativity and standardized measurement error of feedback-related negativity amplitudes in a trust game. Cortex, 2024, , .	2.4	0
992	Speech-induced suppression during natural dialogues. Communications Biology, 2024, 7, .	4.4	0
993	Orientation and contrast deviance examined: Contrast effects mimic deviant-related negativity yet neither produce the canonical neural correlate of prediction error. PLoS ONE, 2024, 19, e0299948.	2.5	0
994	Neural correlates involved in perspective-taking in early childhood. Developmental Cognitive Neuroscience, 2024, 66, 101366.	4.0	0
995	Effects of outdoor activity intensities on college students' indoor thermal perception and cognitive performance. Journal of Building Engineering, 2024, 87, 109017.	3.4	0
996	Parkinson's disease impairs cortical sensori-motor decision-making cascades. Brain Communications, 2024, 6, .	3.3	0