## Assessing the accuracy of topographic EEG mapping for

Electroencephalography and Clinical Neurophysiology 107, 408-414 DOI: 10.1016/s0013-4694(98)00092-3

**Citation Report** 

#	Article	IF	CITATIONS
1	Relationship between brain electrical activity and cortical perfusion in normal subjects. Psychiatry Research - Neuroimaging, 1999, 90, 125-140.	1.8	144
2	Neurophysiologic predictors of treatment response to fluoxetine in major depression. Psychiatry Research, 1999, 85, 263-273.	3.3	75
3	Determinants of Quantitative Spectral Electroencephalography in Early Alzheimer's Disease: Cognitive Function, Regional Cerebral Blood Flow, and Computed Tomography. Dementia and Geriatric Cognitive Disorders, 2000, 11, 81-89.	1.5	35
4	Effects of nitroglycerine on cerebral blood flow velocity, quantitative electroencephalogram and cognitive performance. European Journal of Clinical Investigation, 2000, 30, 832-837.	3.4	12
5	Theoretical Implications of EEG Reference Choice and Related Methodology Issues. Journal of Neurotherapy, 2000, 4, 77-87.	0.9	4
6	Is Resting Anterior EEG Alpha Asymmetry a Trait Marker for Depression?. Neuropsychobiology, 2000, 41, 31-37.	1.9	310
7	The quest for the EEG reference revisited: A glance from brain asymmetry research. Psychophysiology, 2001, 38, 847-857.	2.4	211
8	Linkage disequilibrium between the beta frequency of the human EEG and a GABA <sub>A</sub> receptor gene locus. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3729-3733.	7.1	288
9	Changes in Brain Function of Depressed Subjects During Treatment With Placebo. American Journal of Psychiatry, 2002, 159, 122-129.	7.2	365
10	Proneness to hypomania/mania symptoms or depression symptoms and asymmetrical frontal cortical responses to an anger-evoking event Journal of Personality and Social Psychology, 2002, 82, 610-618.	2.8	155
11	Beta power in the EEG of alcoholics. Biological Psychiatry, 2002, 52, 831-842.	1.3	278
12	Early Changes in Prefrontal Activity Characterize Clinical Responders to Antidepressants. Neuropsychopharmacology, 2002, 27, 120-131.	5.4	176
13	Cortical hypoactivation during resting EEG in schizophrenics but not in depressives and schizotypal subjects as revealed by low resolution electromagnetic tomography (LORETA). Psychiatry Research - Neuroimaging, 2002, 116, 95-111.	1.8	111
14	Linkage mapping of beta 2 EEG waves via non-parametric regression. American Journal of Medical Genetics Part A, 2003, 118B, 66-71.	2.4	31
15	Theta Power in the EEG of Alcoholics. Alcoholism: Clinical and Experimental Research, 2003, 27, 607-615.	2.4	83
16	Clarifying the emotive functions of asymmetrical frontal cortical activity. Psychophysiology, 2003, 40, 838-848.	2.4	459
17	Neurophysiologic correlates of psychiatric disorders and potential applications in epilepsy. Epilepsy and Behavior, 2003, 4, 375-385.	1.7	5
18	Neurofeedback as a Treatment for ADHD: A Methodological Review with Implications for Future Research. Journal of Neurotherapy, 2004, 8, 53-82.	0.9	76

#	Article	IF	CITATIONS
19	Frequency Domain Simultaneous Source and Source Coherence Estimation With an Application to MEG. IEEE Transactions on Biomedical Engineering, 2004, 51, 45-55.	4.2	14
20	Pretreatment neurophysiological and clinical characteristics of placebo responders in treatment trials for major depression. Psychopharmacology, 2004, 177, 15-22.	3.1	43
21	On the relationship of frontal brain activity and anger: Examining the role of attitude toward anger. Cognition and Emotion, 2004, 18, 337-361.	2.0	116
22	Contributions from research on anger and cognitive dissonance to understanding the motivational functions of asymmetrical frontal brain activity. Biological Psychology, 2004, 67, 51-76.	2.2	349
23	Individual differences in anterior EEG asymmetry: methodological problems and solutions. Biological Psychology, 2004, 67, 157-182.	2.2	175
24	Issues and assumptions on the road from raw signals to metrics of frontal EEG asymmetry in emotion. Biological Psychology, 2004, 67, 183-218.	2.2	499
25	What does the prefrontal cortex "do―in affect: perspectives on frontal EEG asymmetry research. Biological Psychology, 2004, 67, 219-234.	2.2	791
26	Resting EEG in offspring of male alcoholics: beta frequencies. International Journal of Psychophysiology, 2004, 51, 239-251.	1.0	138
27	Pretreatment Neurophysiologic Function and ECT Response in Depression. Journal of ECT, 2004, 20, 142-144.	0.6	13
28	The Effect of Manipulated Sympathy and Anger on Left and Right Frontal Cortical Activity Emotion, 2004, 4, 95-101.	1.8	120
29	Effects of mental fatigue on attention: An ERP study. Cognitive Brain Research, 2005, 25, 107-116.	3.0	735
30	Changes in prefrontal activity characterize clinical response in SSRI nonresponders: a pilot study. Journal of Psychiatric Research, 2005, 39, 461-466.	3.1	73
31	Change in the power of EEG activity in the ? range in response to tonic nociceptive stimulation of the distal joint of the little finger. Human Physiology, 2005, 31, 188-194.	0.4	4
32	Neurofeedback and the Brain. Journal of Adult Development, 2005, 12, 93-98.	1.4	41
33	Neurophysiologic Correlates of Side Effects in Normal Subjects Randomized to Venlafaxine or Placebo. Neuropsychopharmacology, 2005, 30, 792-799.	5.4	34
34	Influence of Age, Gender, Health Status, and Depression on Quantitative EEG. Neuropsychobiology, 2005, 52, 71-76.	1.9	33
35	Reference-free quantification of EEG spectra: Combining current source density (CSD) and frequency principal components analysis (fPCA). Clinical Neurophysiology, 2005, 116, 2826-2846.	1.5	159
36	ERPs correlates of EEG relative beta training in ADHD children. International Journal of Psychophysiology, 2005, 55, 23-34.	1.0	124

#	Article	IF	CITATIONS
37	Clinical Database Development: Characterization of EEG Phenotypes. Clinical EEG and Neuroscience, 2005, 36, 99-107.	1.7	80
38	The Prepared Mind. Psychological Science, 2006, 17, 882-890.	3.3	347
39	Depression, anxiety, and resting frontal EEG asymmetry: A meta-analytic review Journal of Abnormal Psychology, 2006, 115, 715-729.	1.9	474
40	The relation of cortical activity and BIS/BAS on the trait level. Biological Psychology, 2006, 71, 42-53.	2.2	100
41	Genetic and environmental influences on frontal EEG asymmetry: A twin study. Biological Psychology, 2006, 71, 289-295.	2.2	88
42	Changes in Brain Function (Quantitative EEG Cordance) During Placebo Lead-In and Treatment Outcomes in Clinical Trials for Major Depression. American Journal of Psychiatry, 2006, 163, 1426-1432.	7.2	64
43	Variation in Neurophysiological Function and Evidence of Quantitative Electroencephalogram Discordance: Predicting Cocaine-Dependent Treatment Attrition. Journal of Neuropsychiatry and Clinical Neurosciences, 2006, 18, 208-216.	1.8	11
44	Increased local and decreased remote functional connectivity at EEG alpha and beta frequency bands in opioid-dependent patients. Psychopharmacology, 2006, 188, 42-52.	3.1	54
45	Correlation of PET and qEEG in normal subjects. Psychiatry Research - Neuroimaging, 2006, 146, 271-282.	1.8	59
46	The Effect of Personal Relevance and Approach-Related Action Expectation on Relative Left Frontal Cortical Activity. Psychological Science, 2006, 17, 434-440.	3.3	153
47	Changes in EEG Spectrograms, Event-Related Potentials and Event-Related Desynchronization Induced by Relative Beta Training in ADHD Children. Journal of Neurotherapy, 2007, 11, 3-11.	0.9	23
48	The relation between frontal EEG asymmetry and the risk for anxiety and depression. Biological Psychology, 2007, 74, 26-33.	2.2	120
49	The effect of a naturalistic stressor on frontal EEG asymmetry, stress, and health. Biological Psychology, 2007, 75, 239-247.	2.2	151
50	Neurophysiologic changes during estrogen augmentation in perimenopausal depression. Maturitas, 2007, 56, 54-60.	2.4	25
51	Genetic influences on bipolar EEG power spectra. International Journal of Psychophysiology, 2007, 65, 2-9.	1.0	28
52	Trait anger predicts relative left frontal cortical activation to anger-inducing stimuli. International Journal of Psychophysiology, 2007, 66, 154-160.	1.0	102
53	Impaired functional connectivity at EEG alpha and theta frequency bands in major depression. Human Brain Mapping, 2007, 28, 247-261.	3.6	212
54	Quantitative EEG Asymmetry Correlates with Clinical Severity in Unilateral Sturge-Weber Syndrome. Epilepsia, 2007, 48, 191-5.	5.1	46

#	Article	IF	CITATIONS
55	Changes in QEEG prefrontal cordance as a predictor of response to antidepressants in patients with treatment resistant depressive disorder: A pilot study. Journal of Psychiatric Research, 2007, 41, 319-325.	3.1	107
56	Heritability of Bipolar EEG Spectra in a Large Sib-pair Population. Behavior Genetics, 2007, 37, 302-313.	2.1	10
57	Motivation, emotion, and their inhibitory control mirrored in brain oscillations. Neuroscience and Biobehavioral Reviews, 2007, 31, 377-395.	6.1	696
58	Effect of cold stimulation of the arm fingers on the spectral/coherent EEG characteristics in humans. Neurophysiology, 2008, 40, 228-230.	0.3	4
59	The effect of induced compliance on relative left frontal cortical activity: a test of the action-based model of dissonance. European Journal of Social Psychology, 2008, 38, 35-45.	2.4	42
60	The frontal laterality of emotion: a historical overview. Netherlands Journal of Psychology, 2008, 64, 112-118.	0.5	5
61	Uncovering genes for cognitive (dys)function and predisposition for alcoholism spectrum disorders: A review of human brain oscillations as effective endophenotypes. Brain Research, 2008, 1235, 153-171.	2.2	61
62	Effect of Bipolar Disorder on Left Frontal Cortical Responses to Goals Differing in Valence and Task Difficulty. Biological Psychiatry, 2008, 63, 693-698.	1.3	117
63	EEG alterations in non-demented individuals related to apolipoprotein E genotype and to risk of Alzheimer disease. Neurobiology of Aging, 2008, 29, 819-827.	3.1	125
64	Early reduction in prefrontal theta QEEG cordance value predicts response to venlafaxine treatment in patients with resistant depressive disorder. European Psychiatry, 2008, 23, 350-355.	0.2	120
65	Ancient Architectural Acoustic Resonance Patterns and Regional Brain Activity. Time and Mind, 2008, 1, 95-104.	0.5	19
66	Hypofunction of Right Temporoparietal Cortex During Emotional Arousal in Depression. Archives of General Psychiatry, 2008, 65, 532.	12.3	117
67	Left frontal cortical activation and spreading of alternatives: Tests of the action-based model of dissonance Journal of Personality and Social Psychology, 2008, 94, 1-15.	2.8	126
68	Changes in Brain Electrical Activity After Cognitive Behavioral Therapy for Posttraumatic Stress Disorder in Patients Injured in Motor Vehicle Accidents. Psychosomatic Medicine, 2008, 70, 13-19.	2.0	41
69	Midline and right frontal brain function as a physiologic biomarker of remission in major depression. Psychiatry Research - Neuroimaging, 2009, 174, 152-157.	1.8	50
70	Brain functional changes during placebo leadâ€in and changes in specific symptoms during pharmacotherapy for major depression. Acta Psychiatrica Scandinavica, 2009, 119, 266-273.	4.5	14
71	Brain Functional Changes and Duloxetine Treatment Response in Fibromyalgia: A Pilot Study. Pain Medicine, 2009, 10, 730-738.	1.9	15
73	States vs. Traits. Journal of Individual Differences, 2009, 30, 87-99.	1.0	6

#	Article	IF	CITATIONS
74	EEG Power Spectra at Early Stages of Depressive Disorders. Journal of Clinical Neurophysiology, 2009, 26, 401-406.	1.7	97
75	Microstate analysis of alpha-event brain topography during chan meditation. , 2009, , .		1
76	Stress-induced asymmetric frontal brain activity and aggression risk Journal of Abnormal Psychology, 2009, 118, 131-145.	1.9	61
77	Biomarkers to Predict Antidepressant Response. Current Psychiatry Reports, 2010, 12, 553-562.	4.5	136
78	Antidepressant response trajectories and quantitative electroencephalography (QEEG) biomarkers in major depressive disorder. Journal of Psychiatric Research, 2010, 44, 90-98.	3.1	59
79	Brain functional changes (QEEG cordance) and worsening suicidal ideation and mood symptoms during antidepressant treatment. Acta Psychiatrica Scandinavica, 2010, 122, 461-469.	4.5	32
80	Short-Term EEG Spectral Pattern as a Single Event in EEG Phenomenology. Open Neuroimaging Journal, 2010, 4, 130-156.	0.2	35
81	ELECTROENCEPHALOGRAPHIC ASSESSMENT OF HUMAN RELIABILITY ON VISUAL RESPONSE TASK. Biomedical Engineering - Applications, Basis and Communications, 2010, 22, 61-70.	0.6	0
82	Case Report: Impaired Memory and Disorientation Induced by Delta Band Down-Training Over the Temporal Brain Regions by Neurofeedback Treatment. Journal of Neurotherapy, 2010, 14, 153-155.	0.9	9
83	EEG Hemispheric Asymmetries during Cognitive Tasks in Depressed Patients with High versus Low Trait Anxiety. Clinical EEG and Neuroscience, 2010, 41, 196-202.	1.7	30
84	Amygdala Lateralization at Rest and during Viewing of Neutral Faces in Major Depressive Disorder Using Low-Resolution Brain Electromagnetic Tomography. Clinical EEG and Neuroscience, 2010, 41, 19-23.	1.7	10
85	Anger, Motivation, and Asymmetrical Frontal Cortical Activations. , 2010, , 61-78.		18
86	Morphology and dynamic repertoire of EEG short-term spectral patterns in rest: Explorative study. Neuroscience Research, 2010, 66, 299-312.	1.9	8
87	Topographic mapping of rapid transitions in EEG multiple frequencies: EEG frequency domain of operational synchrony. Neuroscience Research, 2010, 68, 207-224.	1.9	13
88	The role of asymmetric frontal cortical activity in emotion-related phenomena: A review and update. Biological Psychology, 2010, 84, 451-462.	2.2	675
89	Vigilance and intrinsic maintenance of alert state: An ERP study. Behavioural Brain Research, 2010, 211, 185-190.	2.2	48
90	Independent component approach to the analysis of EEG recordings at early stages of depressive disorders. Clinical Neurophysiology, 2010, 121, 281-289.	1.5	148
91	The change of prefrontal QEEG theta cordance as a predictor of response to bupropion treatment in patients who had failed to respond to previous antidepressant treatments. European Neuropsychopharmacology, 2010, 20, 459-466.	0.7	81

#	Article	IF	CITATIONS
92	Current Source Density Measures of Electroencephalographic Alpha Predict Antidepressant Treatment Response. Biological Psychiatry, 2011, 70, 388-394.	1.3	132
93	Persistent operational synchrony within brain default-mode network and self-processing operations in healthy subjects. Brain and Cognition, 2011, 75, 79-90.	1.8	61
94	Brain function with complex decision making using electroencephalography. International Journal of Psychophysiology, 2011, 79, 175-183.	1.0	36
95	Biological Alterations in Depression. , 0, , .		3
96	Mental Fatigue Measurement Using EEG. , 0, , .		37
97	Typical performance measures of emotion regulation and emotion perception and frontal EEG asymmetry in an emotional contagion paradigm. Personality and Individual Differences, 2011, 51, 1018-1022.	2.9	48
98	Transient changes in frontal alpha asymmetry as a measure of emotional and physical distress during sleep. Brain Research, 2011, 1367, 234-249.	2.2	25
99	Electroencephalograms of patients with initial signs of depression: Independent component analysis. Human Physiology, 2011, 37, 39-48.	0.4	1
100	Regional brain activation with advertising images Journal of Neuroscience, Psychology, and Economics, 2011, 4, 147-160.	1.0	34
101	The Effect of Commitment on Relative Left Frontal Cortical Activity: Tests of the Action-Based Model of Dissonance. Personality and Social Psychology Bulletin, 2011, 37, 395-408.	3.0	39
102	Elevated left mid-frontal cortical activity prospectively predicts conversion to bipolar I disorder Journal of Abnormal Psychology, 2012, 121, 592-601.	1.9	57
103	Asymmetric Spatial Pattern for EEG-based emotion detection. , 2012, , .		62
104	Does prior antidepressant treatment of major depression impact brain function during current treatment?. European Neuropsychopharmacology, 2012, 22, 711-720.	0.7	14
105	Topographic Mapping, Frequency Analysis, and Other Quantitative Techniques in Electroencephalography. , 2012, , 187-206.		1
107	Parieto-temporal alpha EEG band power at baseline as a predictor of antidepressant treatment response with repetitive Transcranial Magnetic Stimulation: A preliminary study. Journal of Affective Disorders, 2012, 137, 156-160.	4.1	56
108	The change of QEEG prefrontal cordance as a response predictor to antidepressive intervention in bipolar depression. A pilot study. Journal of Psychiatric Research, 2012, 46, 219-225.	3.1	26
109	Asymmetric frontal brain activity and parental rejection predict altruistic behavior: Moderation of oxytocin effects. Cognitive, Affective and Behavioral Neuroscience, 2012, 12, 382-392.	2.0	33
110	Asymmetrical hemisphere activation enhances global–local processing. Brain and Cognition, 2013, 83, 337-341.	1.8	46

#	Article	IF	CITATIONS
111	Neurophysiologic effects of repeated exposure to antidepressant medication: Are brain functional changes during antidepressant administration influenced by learning processes?. Medical Hypotheses, 2013, 81, 1004-1011.	1.5	7
112	The relation between electroencephalogram asymmetry and attention biases to threat at baseline and under stress. Brain and Cognition, 2013, 82, 337-343.	1.8	95
113	Using QEEG parameters (asymmetry, coherence, and P3a Novelty response) to track improvement in depression after choir therapy. Advances in Mental Health, 2013, 11, 257-267.	0.7	15
114	Predicting purchase decision: The role of hemispheric asymmetry over the frontal cortex Journal of Neuroscience, Psychology, and Economics, 2013, 6, 1-13.	1.0	80
115	Evaluating the Effectiveness of Using Electroencephalogram Power Indices to Measure Visual Fatigue. Perceptual and Motor Skills, 2013, 116, 235-252.	1.3	38
116	Impaired Prefronto-Thalamic Functional Connectivity as a Key Feature of Treatment-Resistant Depression: A Combined MEG, PET and rTMS Study. PLoS ONE, 2013, 8, e70089.	2.5	46
117	Is love right? Prefrontal resting brain asymmetry is related to the affiliation motive. Frontiers in Human Neuroscience, 2013, 7, 902.	2.0	19
118	Electrophysiological predictors of clinical response to antidepressants. , 2013, , 380-393.		4
120	Reorganization of the brain and heart rhythm during autogenic meditation. Frontiers in Integrative Neuroscience, 2014, 7, 109.	2.1	33
121	Major review article New neurotechnologies for the diagnosis and modulation of brain dysfunctions. Health Psychology Report, 2014, 2, 73-82.	0.9	2
122	Research on brain induced effect by extremely low frequency pulsed magnetic stimulation. , 2014, 2014, 2613-6.		2
123	Influence of trait behavioral inhibition and behavioral approach motivation systems on the LPP and frontal asymmetry to anger pictures. Social Cognitive and Affective Neuroscience, 2014, 9, 182-190.	3.0	60
124	Neurophysiologic predictors of response to atomoxetine in young adults with attention deficit hyperactivity disorder: A pilot project. Journal of Psychiatric Research, 2014, 54, 11-18.	3.1	18
125	Do prefrontal midline electrodes provide unique neurophysiologic information in Major Depressive Disorder?. Journal of Psychiatric Research, 2014, 53, 69-75.	3.1	26
126	The effects of increased fluid viscosity on stationary characteristics of EEG signal in healthy adults. Brain Research, 2014, 1589, 45-53.	2.2	16
127	Diagnosing Autism Spectrum Disorders Based on EEG Analysis: a Survey. Neurophysiology, 2014, 46, 183-195.	0.3	22
128	Baseline Brain Activity Predicts Response to Neuromodulatory Pain Treatment. Pain Medicine, 2014, 15, 2055-2063.	1.9	24
129	Affective motivational direction drives asymmetric frontal hemisphere activation. Experimental Brain Research, 2014, 232, 2121-2130.	1.5	63

		CITATION REPORT		
#	Article		IF	CITATIONS
130	Interpreting EEG alpha activity. Neuroscience and Biobehavioral Reviews, 2014, 44, 94-	110.	6.1	349
131	Linking brain electrical signals elicited by current outcomes with future risk decision-ma Frontiers in Behavioral Neuroscience, 2014, 8, 84.	aking.	2.0	28
132	Relation Between Frontal Alpha Asymmetry and Anxiety in Young Patients with Genera Disorder. Prilozi - Makedonska Akademija Na Naukite I Umetnostite Oddelenie Za Medi 36, 157-177.	lized Anxiety cinski Nauki, 2015,	0.5	12
133	Pain Catastrophizing and EEG-α Asymmetry. Clinical Journal of Pain, 2015, 31, 852-858	3.	1.9	14
134	Embodied emotion: the influence of manipulated facial and bodily states on emotive re Interdisciplinary Reviews: Cognitive Science, 2015, 6, 461-473.	sponses. Wiley	2.8	52
135	A neural trait approach to exploring individual differences in social preferences. Frontie Behavioral Neuroscience, 2015, 8, 458.	rs in	2.0	38
136	Frontal alpha asymmetry as a pathway to behavioural withdrawal in depression: Resear issues. Behavioural Brain Research, 2015, 292, 56-67.	ch findings and	2.2	72
137	Research on multi-dimensional N-back task induced EEG variations. , 2015, 2015, 5163	i-6.		3
138	How similar are the changes in neural activity resulting from mindfulness practice in co spiritual practice?. Consciousness and Cognition, 2015, 36, 219-232.	ntrast to	1.5	18
139	Resting electroencephalographic correlates of the clinical response to repetitive transc magnetic stimulation: A preliminary comparison between unipolar and bipolar depressi Affective Disorders, 2015, 183, 15-21.		4.1	30
140	Dynamic spectral indices of the electroencephalogram provide new insights into tonic Neurophysiology, 2015, 126, 763-771.	pain. Clinical	1.5	43
141	Supervisory control system and frontal asymmetry: neurophysiological traits of emotio impulsivity. Social Cognitive and Affective Neuroscience, 2015, 10, 1310-1315.	n-based	3.0	48
142	STUDYING OF ELECTROENCEPHALOGRAPHIC SIGNAL CHANGES INDUCED BY ODOR E	XPOSURE. , 2015, , .		0
143	QEEG Theta Cordance in the Prediction of Treatment Outcome to Prefrontal Repetitive Magnetic Stimulation or Venlafaxine ER in Patients With Major Depressive Disorder. Cl Neuroscience, 2015, 46, 73-80.		1.7	39
144	The effectiveness of prefrontal theta cordance and early reduction of depressive sympt prediction of antidepressant treatment outcome in patients with resistant depression: naturalistic data. European Archives of Psychiatry and Clinical Neuroscience, 2015, 265	analysis of	3.2	31
145	Alpha Asymmetry in Infants at Risk for Autism Spectrum Disorders. Journal of Autism a Developmental Disorders, 2015, 45, 473-480.	nd	2.7	69
146	Neurophysiologic Correlates of Post-stroke Mood and Emotional Control. Frontiers in H Neuroscience, 2016, 10, 428.	łuman	2.0	14
148	Emotion regulation during deception: an EEG study of imprisoned fraudsters. Journal o Psychology, 2016, 6, 76-88.	f Criminal	1.1	5

ARTICLE IF CITATIONS Cortical sources of resting state EEG rhythms are related to brain hypometabolism in subjects with 149 3.1 53 Alzheimer's disease: an EEG-PET study. Neurobiology of Aging, 2016, 48, 122-134. Embodying Approach Motivation. Advances in Motivation Science, 2016, 3, 81-111. Relative left frontal activity in reappraisal and suppression of negative emotion: Evidence from 151 1.0 46 frontal alpha asymmetry (FAA). International Journal of Psychophysiology, 2016, 109, 37-44. Putative EEG measures of social anxiety: Comparing frontal alpha asymmetry and delta–beta 2.0 cross-frequency correlation. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 1086-1098. Expectation of nocebo hyperalgesia affects EEG alpha-activity. International Journal of 153 1.0 19 Psychophysiology, 2016, 109, 147-152. On the Neuroscience of Approach and Withdrawal Motivation, with a Focus on the Role of Asymmetrical Frontal Cortical Activity. Advances in Motivation and Achievement: A Research Annual, 0.3 2016, , 37-63. Design and evaluation of area-efficient and wide-range impedance analysis circuit for multichannel 155 1.5 4 high-quality brain signal recording system. Japanese Journal of Applied Physics, 2016, 55, 04EM12. High-density Electroencephalographic Acquisition in a Rodent Model Using Low-cost and Open-source 0.3 Resources. Journal of Visualized Experiments, 2016, , . Emotional–motivational responses predicting choices: The role of asymmetrical frontal cortical 157 2.2 14 activity. Journal of Economic Psychology, 2016, 52, 56-70. Relative frontal brain asymmetry and cortisol release after social stress: The role of action 2.2 orientation. Biological Psychology, 2016, 115, 86-93. Artificial intelligence approach to classify unipolar and bipolar depressive disorders. Neural 159 39 5.6 Computing and Applications, 2016, 27, 1607-1616. Neurophysiologic Correlates of Headache Pain in Subjects With Major Depressive Disorder. Clinical EEG and Neuroscience, 2017, 48, 159-167. Frontal alpha asymmetry neurofeedback for the reduction of negative affect and anxiety. Behaviour 161 3.1 94 Research and Therapy, 2017, 92, 32-40. A closer look at the relationship between the default network, mind wandering, negative mood, and depression. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 697-711. The Comparison of Effectiveness of Various Potential Predictors of Response to Treatment With SSRIs 163 1.0 16 in Patients With Depressive Disorder. Journal of Nervous and Mental Disease, 2017, 205, 618-626. Right brain, left brain in depressive disorders: Clinical and theoretical implications of behavioral, electrophysiological and neuroimaging findings. Neuroscience and Biobehavioral Reviews, 2017, 78, 164 6.1 178-191. Neurophysiological responses during cooking food associated with different emotions. Food Quality 165 4.6 33 and Preférence, 2017, 62, 307-316. Cortical and spinal assessment - a comparative study using encephalography and the nociceptive withdrawal reflex. Journal of Pharmacological and Toxicological Methods, 2017, 84, 37-43.

#	Article	IF	CITATIONS
167	The effects of gender and depression severity on the association between alpha asymmetry and depression across four brain regions. Behavioural Brain Research, 2017, 321, 232-239.	2.2	21
168	Evaluation of insertion characteristics of less invasive Si optoneural probe with embedded optical fiber. Japanese Journal of Applied Physics, 2017, 56, 04CM08.	1.5	1
169	Regulatory control and impulsivity relate to resting frontal activity. Social Cognitive and Affective Neuroscience, 2017, 12, 1377-1383.	3.0	51
170	The Role of Visual Noise in Influencing Mental Load and Fatigue in a Steady-State Motion Visual Evoked Potential-Based Brain-Computer Interface. Sensors, 2017, 17, 1873.	3.8	27
173	Virtual Character Facial Expressions Influence Human Brain and Facial EMG Activity in a Decision-Making Game. IEEE Transactions on Affective Computing, 2018, 9, 285-298.	8.3	14
174	On the role of asymmetric frontal cortical activity in approach and withdrawal motivation: An updated review of the evidence. Psychophysiology, 2018, 55, e12879.	2.4	225
175	Neuromarketing empirical approaches and food choice: A systematic review. Food Research International, 2018, 108, 650-664.	6.2	86
176	Change in Quantitative EEG Theta Cordance as a Potential Predictor of Repetitive Transcranial Magnetic Stimulation Clinical Outcome in Major Depressive Disorder. Clinical EEG and Neuroscience, 2018, 49, 306-315.	1.7	22
177	Differentiating the influence of incidental anger and fear on risk decision-making. Physiology and Behavior, 2018, 184, 179-188.	2.1	21
178	Physiological Responses in the Concealed Information Test. , 2018, , 77-96.		2
179	Prefrontal neural dynamics in consciousness. Neuropsychologia, 2019, 131, 25-41.	1.6	12
180	Measuring cooking experience implicitly and explicitly: Physiology, facial expression and subjective ratings. Food Quality and Preference, 2019, 78, 103726.	4.6	11
181	Postnatal maternal symptoms of depression and child emotion dysregulation: The mediation role of infant EEG alpha asymmetry. , 2019, 57, 101321.		3
182	A new approach for digestive disease diagnosis: Dynamics of gastrointestinal electrical activity. Medical Hypotheses, 2019, 128, 64-68.	1.5	2
183	Divergent effects of conditioned pain modulation on subjective pain and nociceptive-related brain activity. Experimental Brain Research, 2019, 237, 1735-1744.	1.5	9
184	Hormonal regulation of circuit function: sex, systems and depression. Biology of Sex Differences, 2019, 10, 12.	4.1	29
185	Consequence of Stress on Cognitive Performance: An EEG and HRV Study. , 2019, , .		1
186	Fostering advances to neuropsychological assessment based on the Research Domain Criteria: The bridge between cognitive functioning and physiology. Clinical Neuropsychologist, 2019, 33, 327-356.	2.3	7

#	Article	IF	Citations
187	Combined cognitive, psychomotor and electrophysiological biomarkers in major depressive disorder. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 823-832.	3.2	26
188	Modulating neural oscillations by transcranial static magnetic field stimulation of the dorsolateral prefrontal cortex: A crossover, doubleâ€blind, shamâ€controlled pilot study. European Journal of Neuroscience, 2019, 49, 250-262.	2.6	17
189	Social judgments, frontal asymmetry, and aggressive behavior in young children: A replication study using EEG. Neuropsychologia, 2019, 126, 120-127.	1.6	4
190	Application of EEG Metrics in the Decision-Making Process. Springer Proceedings in Business and Economics, 2020, , 187-199.	0.3	5
191	Experimental and Quantitative Methods in Contemporary Economics. Springer Proceedings in Business and Economics, 2020, , .	0.3	3
192	Moderators of Mindfulness Meditation, Cognitive Therapy, and Mindfulness-Based Cognitive Therapy for Chronic Low Back Pain: A Test of the Limit, Activate, and Enhance Model. Journal of Pain, 2020, 21, 161-169.	1.4	17
193	Response inhibition to emotional faces is modulated by functional hemispheric asymmetries linked to handedness. Brain and Cognition, 2020, 145, 105629.	1.8	9
194	Frontal alpha asymmetry and emotional processing in youth with psychopathic traits. Psychophysiology, 2020, 57, e13680.	2.4	3
195	The Changes of qEEG Approximate Entropy during Test of Variables of Attention as a Predictor of Major Depressive Disorder. Brain Sciences, 2020, 10, 828.	2.3	12
196	A genome-wide association study of interhemispheric theta EEG coherence: implications for neural connectivity and alcohol use behavior. Molecular Psychiatry, 2021, 26, 5040-5052.	7.9	22
197	Emotion self-regulation training in major depressive disorder using simultaneous real-time fMRI and EEG neurofeedback. NeuroImage: Clinical, 2020, 27, 102331.	2.7	40
198	Maternal intrusiveness predicts infants' eventâ€related potential responses to angry and happy prosody independent of infant frontal asymmetry. Infancy, 2020, 25, 246-263.	1.6	7
199	Modulatory effects of positive mood and approach motivation on reward processing: Two sides of the same coin?. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 236-249.	2.0	7
200	Age- and movement-related modulation of cortical oscillations in a mouse model of presbycusis. Hearing Research, 2021, 402, 108095.	2.0	6
201	Differences in frontal EEG asymmetry during emotion regulation between high and low mindfulness adolescents. Biological Psychology, 2021, 158, 107990.	2.2	17
202	Change in Brain Oscillations as a Mechanism of Mindfulness-Meditation, Cognitive Therapy, and Mindfulness-Based Cognitive Therapy for Chronic Low Back Pain. Pain Medicine, 2021, 22, 1804-1813.	1.9	3
203	Topographic distribution of the EEG ad hoc broad bands during sleep and wakefulness in the spider monkey ( Ateles Geoffroyi ). American Journal of Primatology, 2021, 83, e23257.	1.7	1
204	Frontal EEG asymmetry in infants observing separation and comforting events: The role of infants' attachment relationship. Developmental Cognitive Neuroscience, 2021, 48, 100941.	4.0	6

#	Article	IF	CITATIONS
206	Differentiating reactivity and regulation: Evidence for a role of prefrontal asymmetry in affect regulation. Biological Psychology, 2021, 162, 108107.	2.2	7
207	Emotional Effects Induced by the Application of a Cosmetic Product: A Real-Time Electrophysiological Evaluation. Applied Sciences (Switzerland), 2021, 11, 4766.	2.5	8
208	Characterizing Cortical Oscillatory Responses in Major Depressive Disorder Before and After Convulsive Therapy: A TMS-EEG Study. Journal of Affective Disorders, 2021, 287, 78-88.	4.1	8
209	Utilizing electroencephalography (EEG) to investigate positive affect. Current Opinion in Behavioral Sciences, 2021, 39, 190-195.	3.9	6
210	Fronto-lateral alpha power asymmetry in panic disorder. International Journal of Psychophysiology, 2021, 167, 69-76.	1.0	4
211	Resting-state EEG alpha/theta power ratio discriminates early-onset Alzheimer's disease from healthy controls. Clinical Neurophysiology, 2021, 132, 2019-2031.	1.5	20
212	Linking amygdala blood oxygenation-level-dependent (BOLD) activity and frontal EEG in depression. , 2021, , 301-310.		0
213	Neural Foundations of Motivational Orientations. , 2015, , 175-187.		5
214	Effects of Age and Task Complexity on EEG and Performance in Relation to Psychological States. Journal of Psychophysiology, 2008, 22, 100-109.	0.7	4
215	The Relationship of Cortical Activity and Personality in a Reinforced Go-Nogo Paradigm. Journal of Individual Differences, 2005, 26, 86-99.	1.0	15
216	Resting Brain Asymmetry and Affective Reactivity. Journal of Individual Differences, 2005, 26, 139-154.	1.0	26
217	An evaluation of the behavioral inhibition and behavioral activation system (BIS-BAS) model of pain Rehabilitation Psychology, 2019, 64, 279-287.	1.3	11
218	Theta Power in the EEG of Alcoholics. Alcoholism: Clinical and Experimental Research, 2003, 27, 607-615.	2.4	53
219	QEEG Measures in Huntington's Disease: A Pilot Study. PLOS Currents, 2010, 2, RRN1192.	1.4	22
220	Characterization of the Psychological, Physiological and EEG Profile of Acute Betel Quid Intoxication in Naìve Subjects. PLoS ONE, 2011, 6, e23874.	2.5	30
221	EEG Recording Method for Quantitative Analysis. Korean Journal of Clinical Laboratory Science, 2019, 51, 397-405.	0.3	6
222	Evaluation of Quantitative EEG by Classification and Regression Trees to Characterize Responders to Antidepressant and Placebo Treatment. Open Medical Informatics Journal, 2011, 5, 1-8.	1.0	19
223	Brain-Mind Operational Architectonics Imaging: Technical and Methodological Aspects. Open Neuroimaging Journal, 2008, 2, 73-93.	0.2	65

#	Article	IF	CITATIONS
224	Neurofeedback training for peak performance. Annals of Agricultural and Environmental Medicine, 2014, 21, 871-875.	1.0	11
226	A Novel Method to Index the Psychological Condition Using Frontal Alpha Asymmetry Classification. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	1
227	Using QEEG parameters (asymmetry, coherence, and P3a Novelty response) to track improvement in depression after music therapy Advances in Mental Health, 0, , 3458-3484.	0.7	0
228	EEG and QEEG biomarkers as predictors of antidepressant treatment response. Psychiatria I Psychologia Kliniczna, 2015, 15, 19-25.	0.2	3

230	Neurofeedback. Advances in Medical Technologies and Clinical Practice Book Series, 2019, , 13-25.	0.3	0
233	Effects of Tilting Mechanism of Narrow Vehicle on Psychophysiological States of Driver. International Journal of Automotive Engineering, 2020, 11, 124-128.	0.5	2
234	Sensorimotor rhythm neurofeedback training relieves anxiety in healthy people. Cognitive Neurodynamics, 2022, 16, 531-544.	4.0	3
235	Brain Evidence in Nursing Research: EEG Methodology. International Annals of Science, 2020, 10, 98-101.	0.4	0
236	A Two-Person Neuroscience Approach for Social Anxiety: A Paradigm With Interbrain Synchrony and Neurofeedback. Frontiers in Psychology, 2021, 12, 568921.	2.1	6
237	Frontal EEG Asymmetry in Fathers who use Intimate Partner Violence. Journal of Family Violence, 0, , 1.	3.3	0
238	EEG theta and beta bands as brain oscillations for different knee osteoarthritis phenotypes according to disease severity. Scientific Reports, 2022, 12, 1480.	3.3	15
239	Revisiting Hemispheric Asymmetry in Mood Regulation: Implications for rTMS for Major Depressive Disorder. Brain Sciences, 2022, 12, 112.	2.3	10
240	Attenuated alpha oscillation and hyperresponsiveness reveals impaired perceptual learning in migraineurs. Journal of Headache and Pain, 2022, 23, 44.	6.0	2
241	Electroencephalography Correlates of Well-Being Using a Low-Cost Wearable System. Frontiers in Human Neuroscience, 2021, 15, 745135.	2.0	11
242	EEG-Based Circumplex Model of Affect for Identifying Interindividual Differences in Thermal Comfort. Journal of Management in Engineering - ASCE, 2022, 38, .	4.8	12
243	Effects of Twenty Hours of Neurofeedback-Based Neuropsychotherapy on the Executive Functions and Achievements among ADHD Children. Clinical EEG and Neuroscience, 2022, 53, 387-398.	1.7	2
245	A Review on the Role of Affective Stimuli in Event-Related Frontal Alpha Asymmetry. Frontiers in Computer Science, 0, 4, .	2.8	5

ARTICLE IF CITATIONS SPECTRAL CHARACTERISTICS OF BIOELECTRICAL BRAIN ACTIVITY OF STUDENTS IN LISTENING TO AUDIO-STIMULI OF DIFFERENT COMPONENT-STRUCTURAL COMPOSITION. Ekologiya Cheloveka (Human) Tj ETQq@@0 rgBT1Overlock 246 CR-GAT: Consistency Regularization Enhanced Graph Attention Network for Semi-supervised EEG 248 Emotion Recognition., 2022,,. EEG frontal lobe asymmetry as a function of sex, depression severity, and depression subtype. 249 2.2 5 Behavioural Brain Research, 2023, 443, 114354. Multimodal and hemispheric graph-theoretical brain network predictors of learning efficacy for 4.0 frontal alpha asymmetry neurofeedback. Cognitive Neurodynamics, 0, , . Quantitative electroencephalographic biomarker of pharmacological treatment response in patients 251 3.3 1 with anxiety disorder: a retrospective study. Scientific Reports, 2023, 13, . Concussed Neural Signature is Substantially Different than Fatigue Neural Signature in Non-concussed Controls. Journal of Motor Behavior, 2023, 55, 302-312. Frontal alpha asymmetry in anxious school-aged children during completion of a threat identification 253 2.2 0 task. Biological Psychology, 2023, 179, 108550. Real-Time fMRI Neurofeedback with Simultaneous EEG., 2022, , 323-348. 254 Intracranial stimulation and EEG feature analysis reveal affective salience network specialization. 255 7.6 3 Brain, 2023, 146, 4366-4377. Network analysis of frontal lobe alpha asymmetry confirms the neurophysiological basis of four 2.6 subtypes of depressive behavior. Frontiers in Psychiatry, 0, 14, . Measuring the attention networks and quantitative-electroencephalography correlates of attention 257 1.8 1 in depression. Psychiatry Research - Neuroimaging, 2023, 333, 111661. Vestibular loss disrupts visual reactivity in the alpha EEG rhythm. NeuroImage: Clinical, 2023, 39, 103469. Decisional brain of lawyers at the workplace. A neurolaw pilot study. Cognitive Neurodynamics, 0, , . 259 4.0 1 The effect of voluntary hypoventilation in yoga breathing exercises on gas exchange and EEG activity in healthy trained subjects. Sports Medicine Research and Practice, 2023, 13, 67-77. 0.2