

John Jb Allen

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

6,708
citations

109321

35
h-index

95266

68
g-index

68
all docs

68
docs citations

68
times ranked

6271
citing authors

#	ARTICLE	IF	CITATIONS
1	Frontal EEG asymmetry as a moderator and mediator of emotion. <i>Biological Psychology</i> , 2004, 67, 7-50.	2.2	1,109
2	Issues and assumptions on the road from raw signals to metrics of frontal EEG asymmetry in emotion. <i>Biological Psychology</i> , 2004, 67, 183-218.	2.2	499
3	The many metrics of cardiac chronotropy: A pragmatic primer and a brief comparison of metrics. <i>Biological Psychology</i> , 2007, 74, 243-262.	2.2	390
4	Frontal theta links prediction errors to behavioral adaptation in reinforcement learning. <i>NeuroImage</i> , 2010, 49, 3198-3209.	4.2	376
5	Resting frontal electroencephalographic asymmetry in depression: Inconsistencies suggest the need to identify mediating factors. <i>Psychophysiology</i> , 1998, 35, 389-404.	2.4	304
6	A capability model of individual differences in frontal EEG asymmetry. <i>Biological Psychology</i> , 2006, 72, 198-207.	2.2	302
7	Theta EEG dynamics of the error-related negativity. <i>Clinical Neurophysiology</i> , 2007, 118, 645-668.	1.5	264
8	Voluntary facial expression and hemispheric asymmetry over the frontal cortex. <i>Psychophysiology</i> , 2001, 38, 912-925.	2.4	235
9	Error monitoring during reward and avoidance learning in high- and low-socialized individuals. <i>Psychophysiology</i> , 2000, 37, 43-54.	2.4	206
10	Assessing and conceptualizing frontal EEG asymmetry: An updated primer on recording, processing, analyzing, and interpreting frontal alpha asymmetry. <i>International Journal of Psychophysiology</i> , 2017, 111, 98-114.	1.0	185
11	Acupuncture: a promising treatment for depression during pregnancy. <i>Journal of Affective Disorders</i> , 2004, 83, 89-95.	4.1	167
12	The Efficacy of Acupuncture in the Treatment of Major Depression in Women. <i>Psychological Science</i> , 1998, 9, 397-401.	3.3	166
13	Manipulation of frontal EEG asymmetry through biofeedback alters self-reported emotional responses and facial EMG. <i>Psychophysiology</i> , 2001, 38, 685-693.	2.4	153
14	Frontal EEG asymmetry, emotion, and psychopathology: the first, and the next 25 years. <i>Biological Psychology</i> , 2004, 67, 1-5.	2.2	148
15	Frontal EEG asymmetry as a promising marker of depression vulnerability: summary and methodological considerations. <i>Current Opinion in Psychology</i> , 2015, 4, 93-97.	4.9	134
16	Frontal EEG asymmetry during emotional challenge differentiates individuals with and without lifetime major depressive disorder. <i>Journal of Affective Disorders</i> , 2011, 129, 167-174.	4.1	125
17	The role of psychophysiology in forensic assessments: Deception detection, ERPs, and virtual reality mock crime scenarios. <i>Psychophysiology</i> , 2008, 45, 286-298.	2.4	115
18	Memory Deficits Characterized by Patterns of Lesions to the Hippocampus and Parahippocampal Cortex. <i>Annals of the New York Academy of Sciences</i> , 2000, 911, 355-368.	3.8	114

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19	Vagal tone as an indicator of treatment response in major depression. <i>Psychophysiology</i> , 2002, 39, 861-864.	2.4	112
20	Task-related dissociation in ERN amplitude as a function of obsessive-compulsive symptoms. <i>Neuropsychologia</i> , 2009, 47, 1978-1987.	1.6	92
21	EEG phase synchrony differences across visual perception conditions may depend on recording and analysis methods. <i>Clinical Neurophysiology</i> , 2005, 116, 172-189.	1.5	90
22	Women and Major Depressive Disorder: Clinical Perspectives on Causal Pathways. <i>Journal of Women's Health</i> , 2008, 17, 1583-1590.	3.3	90
23	Autonomic and emotion regulation in bereavement and depression. <i>Journal of Psychosomatic Research</i> , 2002, 52, 183-185.	2.6	86
24	Cardiac Vagal Tone, defensiveness, and motivational style. <i>Biological Psychology</i> , 2005, 68, 147-162.	2.2	85
25	A better estimate of the internal consistency reliability of frontal EEG asymmetry scores. <i>Psychophysiology</i> , 2009, 46, 132-142.	2.4	79
26	Vagal Mediation of Low-Frequency Heart Rate Variability During Slow Yogic Breathing. <i>Psychosomatic Medicine</i> , 2018, 80, 581-587.	2.0	68
27	Subgenual anterior cingulate cortex activity covariation with cardiac vagal control is altered in depression. <i>Journal of Affective Disorders</i> , 2013, 150, 565-570.	4.1	64
28	Multiple aspects of the stress response under social evaluative threat: An electrophysiological investigation. <i>Psychoneuroendocrinology</i> , 2008, 33, 41-53.	2.7	54
29	Polymorphisms of the HTR1a allele are linked to frontal brain electrical asymmetry. <i>Biological Psychology</i> , 2010, 83, 153-158.	2.2	49
30	Cardiac vagal control in the severity and course of depression: The importance of symptomatic heterogeneity. <i>Journal of Affective Disorders</i> , 2007, 103, 173-179.	4.1	44
31	Altered cingulate sub-region activation accounts for task-related dissociation in ERN amplitude as a function of obsessive-compulsive symptoms. <i>Neuropsychologia</i> , 2010, 48, 2098-2109.	1.6	41
32	Fetal cardiac autonomic control during breathing and non-breathing epochs: The effect of maternal exercise. <i>Early Human Development</i> , 2012, 88, 539-546.	1.8	41
33	Should it matter when we record? Time of year and time of day as factors influencing frontal EEG asymmetry. <i>Biological Psychology</i> , 2012, 91, 283-291.	2.2	40
34	Differential contributions of worry, anxiety, and obsessive compulsive symptoms to ERN amplitudes in response monitoring and reinforcement learning tasks. <i>Neuropsychologia</i> , 2014, 61, 197-209.	1.6	40
35	Altered functional connectivity between medial prefrontal cortex and the inferior brainstem in major depression during appraisal of subjective emotional responses: A preliminary study. <i>Biological Psychology</i> , 2015, 108, 13-24.	2.2	40
36	Autonomic arousal in childhood anxiety disorders: Associations with state anxiety and social anxiety disorder. <i>Journal of Affective Disorders</i> , 2015, 175, 25-33.	4.1	38

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37	Cardiac vagal control, emotion, psychopathology, and health. <i>Biological Psychology</i> , 2007, 74, 113-115.	2.2	37
38	Characterization of the fetal diaphragmatic magnetomyogram and the effect of breathing movements on cardiac metrics of rate and variability. <i>Early Human Development</i> , 2011, 87, 467-475.	1.8	34
39	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. <i>Neuropsychologia</i> , 2016, 85, 118-126.	1.6	32
40	Sex differences in cardiac vagal control in a depressed sample: Implications for differential cardiovascular mortality. <i>Biological Psychology</i> , 2007, 75, 32-36.	2.2	28
41	Using minimal number of electrodes for emotion detection using brain signals produced from a new elicitation technique. <i>International Journal of Autonomous and Adaptive Communications Systems</i> , 2013, 6, 80.	0.3	28
42	The role of psychophysiology in clinical assessment: ERPs in the evaluation of memory. <i>Psychophysiology</i> , 2002, 39, 261-280.	2.4	27
43	Perceptual and electroencephalographic registration of masked emotional words in defensiveness: An exploratory study. <i>Personality and Individual Differences</i> , 1998, 24, 499-512.	2.9	24
44	Increased association over time between regional frontal lobe BOLD change magnitude and cardiac vagal control with sertraline treatment for major depression. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 225-233.	1.8	24
45	Self-esteem and autonomic physiology: Self-esteem levels predict cardiac vagal tone. <i>Journal of Research in Personality</i> , 2010, 44, 573-584.	1.7	23
46	Emotional disclosure for whom?. <i>Biological Psychology</i> , 2005, 68, 135-146.	2.2	21
47	Cardiac vagal control as a prospective predictor of anxiety in women diagnosed with breast cancer. <i>Biological Psychology</i> , 2012, 90, 105-111.	2.2	21
48	Detection of concealed information by P3 and frontal EEG asymmetry. <i>Neuroscience Letters</i> , 2013, 537, 55-59.	2.1	21
49	Fetal and maternal cardiac responses to physical activity and exercise during pregnancy. <i>Early Human Development</i> , 2016, 94, 49-52.	1.8	21
50	Resting frontal electroencephalographic asymmetry in depression: Inconsistencies suggest the need to identify mediating factors. <i>Psychophysiology</i> , 1998, 35, 389-404.	2.4	20
51	Alteration of frontal EEG asymmetry during tryptophan depletion predicts future depression. <i>Journal of Affective Disorders</i> , 2009, 115, 189-195.	4.1	19
52	Impact of Narrative Expressive Writing on Heart Rate, Heart Rate Variability, and Blood Pressure After Marital Separation. <i>Psychosomatic Medicine</i> , 2017, 79, 697-705.	2.0	18
53	Resting frontal brain asymmetry is linked to future depressive symptoms in women. <i>Biological Psychology</i> , 2018, 136, 161-167.	2.2	17
54	A brief demonstration of frontostriatal connectivity in OCD patients with intracranial electrodes. <i>NeuroImage</i> , 2020, 220, 117138.	4.2	17

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55	Increased alpha band activity indexes inhibitory competition across a border during figure assignment. <i>Vision Research</i> , 2016, 126, 120-130.	1.4	15
56	Valence-dependent modulation of psychophysiological measures: Is there consistency across repeated testing?. <i>Psychophysiology</i> , 2000, 37, 683-692.	2.4	14
57	Prefrontal brain asymmetry and pre-menstrual dysphoric disorder symptomatology. <i>Journal of Affective Disorders</i> , 2011, 128, 178-183.	4.1	14
58	Error monitoring during reward and avoidance learning in high- and low-socialized individuals. <i>Psychophysiology</i> , 2000, 37, 43-54.	2.4	14
59	Personal history of major depression may put women at risk for premenstrual dysphoric symptomatology. <i>Journal of Affective Disorders</i> , 2013, 150, 1234-1237.	4.1	13
60	Methods matter: An examination of factors that moderate predictions of the capability model concerning the relationship of frontal asymmetry to trait measures. <i>Biological Psychology</i> , 2021, 158, 107993.	2.2	12
61	Multifactorial prediction of depression diagnosis and symptom dimensions. <i>Psychiatry Research</i> , 2021, 298, 113805.	3.3	11
62	Partial Amelioration of Medial Visceromotor Network Dysfunction in Major Depression by Sertraline. <i>Psychosomatic Medicine</i> , 2015, 77, 752-761.	2.0	9
63	Prefrontal delta oscillations during deep brain stimulation predict treatment success in patients with obsessive-compulsive disorder. <i>Brain Stimulation</i> , 2020, 13, 259-261.	1.6	8
64	A personalized paced-breathing intervention to increase heart rate variability among individuals with first-episode psychosis following stress exposure. <i>Schizophrenia Research</i> , 2015, 169, 496-497.	2.0	7
65	Regional Frontal Lobe Response Magnitudes During Affective Shifting Covary With Resting Heart Rate Variability in Healthy Volunteers. <i>Journal of Psychophysiology</i> , 2016, 30, 165-174.	0.7	6
66	Theta-Band Functional Connectivity and Single-Trial Cognitive Control in Sports-Related Concussion: Demonstration of Proof-of-Concept for a Potential Biomarker of Concussion. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 314-323.	1.8	4
67	Manipulation of frontal EEG asymmetry through biofeedback alters self-reported emotional responses and facial EMG. <i>Psychophysiology</i> , 2001, 38, 685-693.	2.4	3
68	An intra-individual approach for detecting evaluation with event-related potentials. <i>International Journal of Psychophysiology</i> , 2019, 141, 65-75.	1.0	1