

Don M Tucker

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

5,758
citations

361045

20
h-index

377514

34
g-index

37
all docs

37
docs citations

37
times ranked

4515
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of a Neural System for Error Detection and Compensation. <i>Psychological Science</i> , 1994, 5, 303-305.	1.8	1,090
2	Asymmetric neural control systems in human self-regulation.. <i>Psychological Review</i> , 1984, 91, 185-215.	2.7	846
3	Statistical control of artifacts in dense array EEG/MEG studies. <i>Psychophysiology</i> , 2000, 37, 523-532.	1.2	519
4	Frontal midline theta and the error-related negativity: neurophysiological mechanisms of action regulation. <i>Clinical Neurophysiology</i> , 2004, 115, 1821-1835.	0.7	504
5	Mood, personality, and self-monitoring: Negative affect and emotionality in relation to frontal lobe mechanisms of error monitoring.. <i>Journal of Experimental Psychology: General</i> , 2000, 129, 43-60.	1.5	491
6	Development and self-regulatory structures of the mind. <i>Development and Psychopathology</i> , 1994, 6, 533-549.	1.4	399
7	EEG source localization: Sensor density and head surface coverage. <i>Journal of Neuroscience Methods</i> , 2015, 256, 9-21.	1.3	274
8	Spatial sampling and filtering of EEG with spline Laplacians to estimate cortical potentials. <i>Brain Topography</i> , 1996, 8, 355-366.	0.8	263
9	Spatiotemporal analysis of brain electrical fields. <i>Human Brain Mapping</i> , 1994, 1, 134-152.	1.9	204
10	Neural mechanisms of emotion.. <i>Journal of Consulting and Clinical Psychology</i> , 1992, 60, 329-338.	1.6	152
11	Emotional expectancy: Brain electrical activity associated with an emotional bias in interpreting life events. <i>Psychophysiology</i> , 1996, 33, 218-233.	1.2	150
12	Frontolimbic Response to Negative Feedback in Clinical Depression.. <i>Journal of Abnormal Psychology</i> , 2003, 112, 667-678.	2.0	144
13	Frontal and inferior temporal cortical activity in visual target detection: Evidence from high spatially sampled event-related potentials. <i>Brain Topography</i> , 1996, 9, 3-14.	0.8	129
14	Geodesic photogrammetry for localizing sensor positions in dense-array EEG. <i>Clinical Neurophysiology</i> , 2005, 116, 1130-1140.	0.7	102
15	Corticolimbic mechanisms in emotional decisions.. <i>Emotion</i> , 2003, 3, 127-149.	1.5	78
16	Love hurts: The evolution of empathic concern through the encephalization of nociceptive capacity. <i>Development and Psychopathology</i> , 2005, 17, 699-713.	1.4	64
17	Statistical control of artifacts in dense array EEG/MEG studies. , 2000, 37, 523.		57
18	Anxiety and the Motivational Basis of Working Memory. <i>Cognitive Therapy and Research</i> , 1998, 22, 577-594.	1.2	56

#	ARTICLE	IF	CITATIONS
19	Transcranial Electrical Neuromodulation Based on the Reciprocity Principle. <i>Frontiers in Psychiatry</i> , 2016, 7, 87.	1.3	38
20	Neurophysiology of Motivated Learning: Adaptive Mechanisms Underlying Cognitive Bias in Depression. <i>Cognitive Therapy and Research</i> , 2007, 31, 189-209.	1.2	32
21	Localizing Movement-Related Primary Sensorimotor Cortices with Multi-Band EEG Frequency Changes and Functional MRI. <i>PLoS ONE</i> , 2014, 9, e112103.	1.1	22
22	Slow-Frequency Pulsed Transcranial Electrical Stimulation for Modulation of Cortical Plasticity Based on Reciprocity Targeting with Precision Electrical Head Modeling. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 377.	1.0	21
23	Time-course of cortical networks involved in working memory. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 4.	1.0	18
24	EEG source imaging of epileptic activity at seizure onset. <i>Epilepsy Research</i> , 2018, 146, 160-171.	0.8	18
25	BrainK for Structural Image Processing: Creating Electrical Models of the Human Head. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-25.	1.1	16
26	Transition from cortical slow oscillations of sleep to spike-wave seizures. <i>Clinical Neurophysiology</i> , 2009, 120, 2055-2062.	0.7	13
27	Motive control of unconscious inference: The limbic base of adaptive Bayes. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 328-345.	2.9	13
28	Transcranial Electrical Stimulation targeting limbic cortex increases the duration of human deep sleep. <i>Sleep Medicine</i> , 2021, 81, 350-357.	0.8	9
29	Principal components of electrocortical activity during self-evaluation indicate depressive symptom severity. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1335-1343.	1.5	8
30	Focal limbic sources create the large slow oscillations of the EEG in human deep sleep. <i>Sleep Medicine</i> , 2021, 85, 291-302.	0.8	6
31	Oscillatory Patterns of Phase Cone Formations near to Epileptic Spikes Derived from 256-Channel Scalp EEG Data. <i>Computational and Mathematical Methods in Medicine</i> , 2018, 2018, 1-15.	0.7	5
32	Cathexis Revisited: Corticolimbic Resonance and the Adaptive Control of Memory. <i>Annals of the New York Academy of Sciences</i> , 1998, 843, 134-152.	1.8	4
33	Sensor density and head surface coverage in EEG source localization. , 2014, , .		4
34	Source localization of epileptic spikes using Multiple Sparse Priors. <i>Clinical Neurophysiology</i> , 2021, 132, 586-597.	0.7	4
35	Structure and dynamics of language representation. <i>Behavioral and Brain Sciences</i> , 1999, 22, 304-304.	0.4	3
36	Dopamine tightens, not loosens. <i>Behavioral and Brain Sciences</i> , 1999, 22, 537-538.	0.4	2

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37	Real brain waves. Behavioral and Brain Sciences, 2000, 23, 412-413.	0.4	0