

Shirley Fecteau

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

6,413
citations

117625

34
h-index

74163

75
g-index

79
all docs

79
docs citations

79
times ranked

6665
citing authors

#	ARTICLE	IF	CITATIONS
1	Thinking the voice: neural correlates of voice perception. <i>Trends in Cognitive Sciences</i> , 2004, 8, 129-135.	7.8	654
2	Transcranial direct current stimulation: A computer-based human model study. <i>NeuroImage</i> , 2007, 35, 1113-1124.	4.2	502
3	A Sham-Controlled Trial of a 5-Day Course of Repetitive Transcranial Magnetic Stimulation of the Unaffected Hemisphere in Stroke Patients. <i>Stroke</i> , 2006, 37, 2115-2122.	2.0	462
4	Diminishing Risk-Taking Behavior by Modulating Activity in the Prefrontal Cortex: A Direct Current Stimulation Study. <i>Journal of Neuroscience</i> , 2007, 27, 12500-12505.	3.6	414
5	Activation of Prefrontal Cortex by Transcranial Direct Current Stimulation Reduces Appetite for Risk during Ambiguous Decision Making. <i>Journal of Neuroscience</i> , 2007, 27, 6212-6218.	3.6	350
6	Prefrontal cortex modulation using transcranial DC stimulation reduces alcohol craving: A double-blind, sham-controlled study. <i>Drug and Alcohol Dependence</i> , 2008, 92, 55-60.	3.2	313
7	Cortical Stimulation of the Prefrontal Cortex With Transcranial Direct Current Stimulation Reduces Cue-Provoked Smoking Craving. <i>Journal of Clinical Psychiatry</i> , 2008, 69, 32-40.	2.2	272
8	Transcranial direct current stimulation of the prefrontal cortex modulates the desire for specific foods. <i>Appetite</i> , 2008, 51, 34-41.	3.7	252
9	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 118-140.	6.1	198
10	Modulation of risk-taking in marijuana users by transcranial direct current stimulation (tDCS) of the dorsolateral prefrontal cortex (DLPFC). <i>Drug and Alcohol Dependence</i> , 2010, 112, 220-225.	3.2	177
11	Amygdala responses to nonlinguistic emotional vocalizations. <i>NeuroImage</i> , 2007, 36, 480-487.	4.2	169
12	Noninvasive Brain Stimulation With High-Frequency and Low-Intensity Repetitive Transcranial Magnetic Stimulation Treatment for Posttraumatic Stress Disorder. <i>Journal of Clinical Psychiatry</i> , 2010, 71, 992-999.	2.2	162
13	Cumulative priming effects of cortical stimulation on smoking cue-induced craving. <i>Neuroscience Letters</i> , 2009, 463, 82-86.	2.1	158
14	Modulation of smoking and decision-making behaviors with transcranial direct current stimulation in tobacco smokers: A preliminary study. <i>Drug and Alcohol Dependence</i> , 2014, 140, 78-84.	3.2	156
15	Is voice processing species-specific in human auditory cortex? An fMRI study. <i>NeuroImage</i> , 2004, 23, 840-848.	4.2	150
16	The Use of Virtual Reality in Craving Assessment and Cue-Exposure Therapy in Substance Use Disorders. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 844.	2.0	143
17	Modulation of decision-making in a gambling task in older adults with transcranial direct current stimulation. <i>European Journal of Neuroscience</i> , 2010, 31, 593-597.	2.6	142
18	Psychopathy and the mirror neuron system: Preliminary findings from a non-psychiatric sample. <i>Psychiatry Research</i> , 2008, 160, 137-144.	3.3	104

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19	Online Effects of Transcranial Direct Current Stimulation in Real Time on Human Prefrontal and Striatal Metabolites. <i>Biological Psychiatry</i> , 2016, 80, 432-438.	1.3	93
20	Overlap of food addiction and substance use disorders definitions: Analysis of animal and human studies. <i>Neuropharmacology</i> , 2014, 85, 81-90.	4.1	90
21	Human cerebral response to animal affective vocalizations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 473-481.	2.6	87
22	Developmental Changes of Autistic Symptoms. <i>Autism</i> , 2003, 7, 255-268.	4.1	81
23	Sensitivity to Voice in Human Prefrontal Cortex. <i>Journal of Neurophysiology</i> , 2005, 94, 2251-2254.	1.8	79
24	Neuromodulation of Decision-Making in the Addictive Brain. <i>Substance Use and Misuse</i> , 2010, 45, 1766-1786.	1.4	71
25	Abnormal modulation of corticospinal excitability in adults with Asperger's syndrome. <i>European Journal of Neuroscience</i> , 2012, 36, 2782-2788.	2.6	64
26	Transcranial Direct Current Stimulation for the Treatment of Refractory Symptoms of Schizophrenia. Current Evidence and Future Directions. <i>Current Pharmaceutical Design</i> , 2015, 21, 3373-3383.	1.9	63
27	Does non-invasive brain stimulation applied over the dorsolateral prefrontal cortex non-specifically influence mood and emotional processing in healthy individuals?. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 399.	3.7	51
28	Homeostatic effects of plasma valproate levels on corticospinal excitability changes induced by 1Hz rTMS in patients with juvenile myoclonic epilepsy. <i>Clinical Neurophysiology</i> , 2006, 117, 1217-1227.	1.5	50
29	The Morphological and Molecular Changes of Brain Cells Exposed to Direct Current Electric Field Stimulation. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu090-pyu090.	2.1	47
30	A Comparison of Facial Emotion Processing in Neurological and Psychiatric Conditions. <i>Frontiers in Psychology</i> , 2012, 3, 98.	2.1	45
31	Translational application of neuromodulation of decision-making. <i>Brain Stimulation</i> , 2012, 5, 77-83.	1.6	43
32	Noninvasive brain stimulation to suppress craving in substance use disorders: Review of human evidence and methodological considerations for future work. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 184-200.	6.1	42
33	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , 2021, 132, 819-837.	1.5	38
34	Characterizing emotional Stroop interference in posttraumatic stress disorder, major depression and anxiety disorders: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2019, 14, e0214998.	2.5	36
35	A motor resonance mechanism in children? Evidence from subdural electrodes in a 36-month-old child. <i>NeuroReport</i> , 2004, 15, 2625-2627.	1.2	35
36	Paradoxical Facilitation of Attention in Healthy Humans. <i>Behavioural Neurology</i> , 2006, 17, 159-162.	2.1	35

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37	Outcome of Non-Invasive Brain Stimulation in Substance Use Disorders: A Review of Randomized Sham-Controlled Clinical Trials. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2017, 29, 105-118.	1.8	35
38	Judgment of Emotional Nonlinguistic Vocalizations: Age-Related Differences. <i>Applied Neuropsychology</i> , 2005, 12, 40-48.	1.5	34
39	Non-invasive brain stimulation can induce paradoxical facilitation. Are these neuroenhancements transferable and meaningful to security services?. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 449.	2.0	33
40	A Systematic Review of Physical Activity Interventions in Individuals with Binge Eating Disorders. <i>Current Obesity Reports</i> , 2018, 7, 76-88.	8.4	33
41	Speech and language therapies to improve pragmatics and discourse skills in patients with schizophrenia. <i>Psychiatry Research</i> , 2016, 240, 88-95.	3.3	32
42	Modulation of Untruthful Responses with Non-Invasive Brain Stimulation. <i>Frontiers in Psychiatry</i> , 2013, 3, 97.	2.6	31
43	Repetitive transcranial magnetic stimulation induces long-lasting changes in protein expression and histone acetylation. <i>Scientific Reports</i> , 2015, 5, 16873.	3.3	29
44	Online effects of transcranial direct current stimulation on prefrontal metabolites in gambling disorder. <i>Neuropharmacology</i> , 2018, 131, 51-57.	4.1	29
45	Effects of Transcranial Stimulation With Direct and Alternating Current on Resting-State Functional Connectivity: An Exploratory Study Simultaneously Combining Stimulation and Multiband Functional Magnetic Resonance Imaging. <i>Frontiers in Human Neuroscience</i> , 2020, 13, 474.	2.0	29
46	Brain stimulation over Broca's area differentially modulates naming skills in neurotypical adults and individuals with Asperger's syndrome. <i>European Journal of Neuroscience</i> , 2011, 34, 158-164.	2.6	26
47	Non-invasive neuromodulation for tinnitus: A meta-analysis and modeling studies. <i>Brain Stimulation</i> , 2021, 14, 113-128.	1.6	24
48	Laugh (or Cry) and You will be Remembered. <i>Psychological Science</i> , 2007, 18, 1027-1029.	3.3	22
49	Autism Spectrum Disorder: Seeing Is Not Understanding. <i>Current Biology</i> , 2006, 16, R131-R133.	3.9	19
50	Transcranial Direct Current Stimulation Effects on Semantic Processing in Healthy Individuals. <i>Brain Stimulation</i> , 2016, 9, 682-691.	1.6	19
51	Semantic Processing in Healthy Aging and Alzheimer's Disease: A Systematic Review of the N400 Differences. <i>Brain Sciences</i> , 2020, 10, 770.	2.3	18
52	Modulation of motor cortex excitability during action observation in disconnected hemispheres. <i>NeuroReport</i> , 2005, 16, 1591-1594.	1.2	16
53	The involvement of the striatum in decision making. <i>Dialogues in Clinical Neuroscience</i> , 2016, 18, 55-63.	3.7	14
54	Modulation of cortical motor outputs by the symbolic meaning of visual stimuli. <i>European Journal of Neuroscience</i> , 2010, 32, 172-177.	2.6	13

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55	Effect of transcranial direct current stimulation on the number of smoked cigarettes in tobacco smokers. PLoS ONE, 2019, 14, e0212312.	2.5	12
56	Can the Effects of Noninvasive Brain Stimulation Alleviating Neuropsychiatric Symptoms Result From a Common Beneficial Regulation of the Hypothalamic-pituitary-adrenal Axis?. Brain Stimulation, 2015, 8, 173-176.	1.6	10
57	International Legal Approaches to Neurosurgery for Psychiatric Disorders. Frontiers in Human Neuroscience, 2020, 14, 588458.	2.0	10
58	Co-registration of magnetic resonance spectroscopy and transcranial magnetic stimulation. Journal of Neuroscience Methods, 2015, 242, 52-57.	2.5	9
59	Intrahemispheric dysfunction in primary motor cortex without corpus callosum: a transcranial magnetic stimulation study. BMC Neurology, 2006, 6, 21.	1.8	7
60	Cortical Excitability During Passive Action Observation in Hospitalized Adults With Subacute Moderate to Severe Traumatic Brain Injury. Neurorehabilitation and Neural Repair, 2015, 29, 548-556.	2.9	7
61	Eye tracking of smoking-related stimuli in tobacco use disorder: A proof-of-concept study combining attention bias modification with alpha-transcranial alternating current stimulation. Drug and Alcohol Dependence, 2020, 214, 108152.	3.2	7
62	Patterns of Intrahemispheric EEG Asymmetry in Insomnia Sufferers: An Exploratory Study. Brain Sciences, 2020, 10, 1014.	2.3	7
63	Priming of non-speech vocalizations in male adults: The influence of the speaker's gender. Brain and Cognition, 2004, 55, 300-302.	1.8	6
64	Risk Taking in Hospitalized Patients with Acute and Severe Traumatic Brain Injury. PLoS ONE, 2013, 8, e83598.	2.5	6
65	Repetitive transcranial magnetic stimulation reduces anxiety symptoms, drug cravings, and elevates 1 H-MRS brain metabolites: A case report. Brain Stimulation, 2017, 10, 856-858.	1.6	6
66	Impact of bifrontal transcranial Direct Current Stimulation on decision-making and stress reactivity. A pilot study. Journal of Psychiatric Research, 2021, 135, 15-19.	3.1	6
67	The Use of Non-Invasive Brain Stimulation in Drug Addictions. , 2014, , 425-452.		5
68	Hemodynamic correlates of fluctuations in neuronal excitability: A simultaneous Paired Associative Stimulation (PAS) and functional near infra-red spectroscopy (fNIRS) study. NeuroImage Reports, 2022, 2, 100099.	1.0	5
69	Making a case for mirror-neuron system involvement in language development: What about autism and blindness?. Behavioral and Brain Sciences, 2005, 28, 145-146.	0.7	4
70	Introduction: Brain Stimulation in cognitive neuroscience. Brain Stimulation, 2012, 5, 61-62.	1.6	4
71	The impact of brain morphometry on tDCS effects on GABA levels. Brain Stimulation, 2020, 13, 284-286.	1.6	4
72	Concurrent transcranial direct current stimulation and resting state functional magnetic resonance imaging in patients with Gambling Disorder. Brain Connectivity, 2021, 11, 815-821.	1.7	3

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73	Whole-brain morphometry in Canadian soldiers with posttraumatic stress disorder. <i>Annals of the New York Academy of Sciences</i> , 2022, 1509, 37-49.	3.8	3
74	Is it ethical and safe to use non-invasive brain stimulation as a cognitive and motor enhancer device for military services? A reply to Sehm and Ragert (2013). <i>Frontiers in Human Neuroscience</i> , 2013, 7, 874.	2.0	2
75	Offline and Online "Virtual Lesion" Protocols. <i>NeuroMethods</i> , 2014, , 143-152.	0.3	2
76	Influencing Human Behavior with Noninvasive Brain Stimulation: Direct Human Brain Manipulation Revisited. <i>Neuroscientist</i> , 2023, 29, 317-331.	3.5	2
77	Impulsivity and Substance-Use Disorders. , 2016, , 281-291.		1
78	Cognitive Functions in Substance-Related and Addictive Disorders. , 2021, , 519-531.		1
79	Brain morphometry in adults with gambling disorder. <i>Journal of Psychiatric Research</i> , 2021, 141, 66-73.	3.1	0