

James F Cavanagh

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

7,814
citations

109321
35
h-index

79698
73
g-index

88
all docs

88
docs citations

88
times ranked

6437
citing authors

#	ARTICLE	IF	CITATIONS
1	The reward positivity is sensitive to affective liking. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 258-267.	2.0	7
2	EEG reveals that dextroamphetamine improves cognitive control through multiple processes in healthy participants. <i>Neuropsychopharmacology</i> , 2022, 47, 1029-1036.	5.4	6
3	Cognitive control in Parkinson's disease. <i>Progress in Brain Research</i> , 2022, 269, 137-152.	1.4	3
4	Amphetamine alters an EEG marker of reward processing in humans and mice. <i>Psychopharmacology</i> , 2022, 239, 923-933.	3.1	13
5	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	2.9	3
6	Timing variability and midfrontal $\sim 4\%$ Hz rhythms correlate with cognition in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 14.	5.3	44
7	Neural signatures of arbitration between Pavlovian and instrumental action selection. <i>PLoS Computational Biology</i> , 2021, 17, e1008553.	3.2	13
8	Spectral Resting-State EEG (rsEEG) in Chronic Aphasia Is Reliable, Sensitive, and Correlates With Functional Behavior. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 624660.	2.0	5
9	Ventromedial Prefrontal-Anterior Cingulate Hyperconnectivity and Resilience to Apathy in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2264-2274.	3.4	5
10	Electrophysiological biomarkers of behavioral dimensions from cross-species paradigms. <i>Translational Psychiatry</i> , 2021, 11, 482.	4.8	20
11	Portable Acquisition of Auditory ERPs: A Pilot Study of Premature Infants. <i>Pediatric Neurology</i> , 2021, 122, 84-88.	2.1	0
12	Multiple Dissociations Between Comorbid Depression and Anxiety on Reward and Punishment Processing: Evidence From Computationally Informed EEG. <i>Computational Psychiatry</i> , 2020, 3, 1.	2.0	62
13	Joint analysis of frontal theta synchrony and white matter following mild traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2020, 14, 2210-2223.	2.1	12
14	Alcohol exposure in utero disrupts cortico-striatal coordination required for behavioral flexibility. <i>Neuropharmacology</i> , 2020, 162, 107832.	4.1	27
15	An EEG marker of reward processing is diminished in Parkinson's disease. <i>Brain Research</i> , 2020, 1727, 146541.	2.2	19
16	Linear predictive coding distinguishes spectral EEG features of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2020, 79, 79-85.	2.2	65
17	Novel rewards occlude the reward positivity, and what to do about it. <i>Biological Psychology</i> , 2020, 151, 107841.	2.2	9
18	Frontal theta and beta oscillations during lower-limb movement in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2020, 131, 694-702.	1.5	71

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19	Electrophysiology as a theoretical and methodological hub for the neural sciences. <i>Psychophysiology</i> , 2019, 56, e13314.	2.4	18
20	Increased conflict-induced slowing, but no differences in conflict-induced positive or negative prediction error learning in patients with schizophrenia. <i>Neuropsychologia</i> , 2019, 123, 131-140.	1.6	7
21	Executive function predictors of delayed memory deficits after mild traumatic brain injury. <i>Cortex</i> , 2019, 120, 240-248.	2.4	24
22	Frontal theta predicts specific cognitive control-induced behavioural changes beyond general reaction time slowing. <i>NeuroImage</i> , 2019, 189, 130-140.	4.2	101
23	ERPs predict symptomatic distress and recovery in sub-acute mild traumatic brain injury. <i>Neuropsychologia</i> , 2019, 132, 107125.	1.6	7
24	Reduced Theta Power During Memory Retrieval in Depressed Adults. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 636-643.	1.5	4
25	Layers of latent effects in cognitive control: An EEG investigation. <i>Acta Psychologica</i> , 2019, 195, 1-11.	1.5	4
26	Impaired cognitive flexibility following NMDAR-GluN2B deletion is associated with altered orbitofrontal-striatal function. <i>Neuroscience</i> , 2019, 404, 338-352.	2.3	26
27	Frontal alpha asymmetry in alcohol-related intimate partner violence. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 1209-1217.	3.0	4
28	Immediate versus delayed control demands elicit distinct mechanisms for instantiating proactive control. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 910-926.	2.0	2
29	Rewarding images do not invoke the reward positivity: They inflate it. <i>International Journal of Psychophysiology</i> , 2018, 132, 226-235.	1.0	14
30	Diminished EEG habituation to novel events effectively classifies Parkinson's patients. <i>Clinical Neurophysiology</i> , 2018, 129, 409-418.	1.5	73
31	Dopamine D2 agonist affects visuospatial working memory distractor interference depending on individual differences in baseline working memory span. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 509-520.	2.0	23
32	Intracranial source activity (eLORETA) related to scalp-level asymmetry scores and depression status. <i>Psychophysiology</i> , 2018, 55, e13019.	2.4	40
33	Mid-frontal theta activity is diminished during cognitive control in Parkinson's disease. <i>Neuropsychologia</i> , 2018, 117, 113-122.	1.6	90
34	Impaired Midline Theta Power and Connectivity During Proactive Cognitive Control in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 84, 675-683.	1.3	43
35	Moving Beyond ERP Components: A Selective Review of Approaches to Integrate EEG and Behavior. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 106.	2.0	61
36	Delay knowledge and trial set count modulate use of proactive versus reactive control: A meta-analytic review. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 1249-1268.	2.8	13

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37	Error-Specific Cognitive Control Alterations in Generalized Anxiety Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 413-420.	1.5	39
38	Cognitive states influence dopamine-driven aberrant learning in Parkinson's disease. <i>Cortex</i> , 2017, 90, 115-124.	2.4	17
39	The sound and the fury: Late positive potential is sensitive to sound affect. <i>Psychophysiology</i> , 2017, 54, 1812-1825.	2.4	15
40	Frontal theta accounts for individual differences in the cost of conflict on decision making. <i>Brain Research</i> , 2017, 1672, 73-80.	2.2	23
41	The Patient Repository for EEG Data + Computational Tools (PRED+CT). <i>Frontiers in Neuroinformatics</i> , 2017, 11, 67.	2.5	42
42	Startle Habituation and Midfrontal Theta Activity in Parkinson Disease. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1923-1932.	2.3	40
43	Frontostriatal anatomical connections predict age- and difficulty-related differences in reinforcement learning. <i>Neurobiology of Aging</i> , 2016, 46, 1-12.	3.1	8
44	Identification of canonical neural events during continuous gameplay of an 8-bit style video game. <i>NeuroImage</i> , 2016, 133, 1-13.	4.2	16
45	Reduction of Pavlovian Bias in Schizophrenia: Enhanced Effects in Clozapine-Administered Patients. <i>PLoS ONE</i> , 2016, 11, e0152781.	2.5	19
46	Medial frontal β 4-Hz activity in humans and rodents is attenuated in PD patients and in rodents with cortical dopamine depletion. <i>Journal of Neurophysiology</i> , 2015, 114, 1310-1320.	1.8	83
47	Cortical delta activity reflects reward prediction error and related behavioral adjustments, but at different times. <i>NeuroImage</i> , 2015, 110, 205-216.	4.2	99
48	fMRI and EEG Predictors of Dynamic Decision Parameters during Human Reinforcement Learning. <i>Journal of Neuroscience</i> , 2015, 35, 485-494.	3.6	200
49	Anticipatory sensitization to repeated stressors: The role of initial cortisol reactivity and meditation/emotion skills training. <i>Psychoneuroendocrinology</i> , 2015, 52, 229-238.	2.7	28
50	Frontal midline theta reflects anxiety and cognitive control: Meta-analytic evidence. <i>Journal of Physiology (Paris)</i> , 2015, 109, 3-15.	2.1	415
51	Eye tracking and pupillometry are indicators of dissociable latent decision processes.. <i>Journal of Experimental Psychology: General</i> , 2014, 143, 1476-1488.	2.1	204
52	D ₁ -Dependent 4 Hz Oscillations and Ramping Activity in Rodent Medial Frontal Cortex during Interval Timing. <i>Journal of Neuroscience</i> , 2014, 34, 16774-16783.	3.6	102
53	Human EEG Uncovers Latent Generalizable Rule Structure during Learning. <i>Journal of Neuroscience</i> , 2014, 34, 4677-4685.	3.6	77
54	Conflict acts as an implicit cost in reinforcement learning. <i>Nature Communications</i> , 2014, 5, 5394.	12.8	72

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55	The Subthalamic Nucleus Contributes to Post-error Slowing. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2637-2644.	2.3	46
56	Frontal theta as a mechanism for cognitive control. <i>Trends in Cognitive Sciences</i> , 2014, 18, 414-421.	7.8	1,661
57	Common medial frontal mechanisms of adaptive control in humans and rodents. <i>Nature Neuroscience</i> , 2013, 16, 1888-1895.	14.8	260
58	The Where and When of "What If". <i>Neuron</i> , 2013, 79, 1040-1041.	8.1	0
59	Stop! Stay tuned for more information. <i>Experimental Neurology</i> , 2013, 247, 289-291.	4.1	13
60	Frontal Theta Overrides Pavlovian Learning Biases. <i>Journal of Neuroscience</i> , 2013, 33, 8541-8548.	3.6	168
61	Frontal Theta Reflects Uncertainty and Unexpectedness during Exploration and Exploitation. <i>Cerebral Cortex</i> , 2012, 22, 2575-2586.	2.9	191
62	Contemplative/emotion training reduces negative emotional behavior and promotes prosocial responses.. <i>Emotion</i> , 2012, 12, 338-350.	1.8	283
63	Individual Differences in Risky Decision-Making Among Seniors Reflect Increased Reward Sensitivity. <i>Frontiers in Neuroscience</i> , 2012, 6, 111.	2.8	23
64	Theta lingua franca: A common mid-frontal substrate for action monitoring processes. <i>Psychophysiology</i> , 2012, 49, 220-238.	2.4	521
65	Subthalamic nucleus stimulation reverses mediofrontal influence over decision threshold. <i>Nature Neuroscience</i> , 2011, 14, 1462-1467.	14.8	528
66	Larger Error Signals in Major Depression are Associated with Better Avoidance Learning. <i>Frontiers in Psychology</i> , 2011, 2, 331.	2.1	63
67	Event-related potential activity in the basal ganglia differentiates rewards from nonrewards: Temporospacial principal components analysis and source localization of the feedback negativity: Commentary. <i>Human Brain Mapping</i> , 2011, 32, 2270-2271.	3.6	62
68	Single-Trial Regression Elucidates the Role of Prefrontal Theta Oscillations in Response Conflict. <i>Frontiers in Psychology</i> , 2011, 2, 30.	2.1	259
69	Social stress reactivity alters reward and punishment learning. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 311-320.	3.0	77
70	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
71	Frontal theta links prediction errors to behavioral adaptation in reinforcement learning. <i>NeuroImage</i> , 2010, 49, 3198-3209.	4.2	376
72	Task-related dissociation in ERN amplitude as a function of obsessive-compulsive symptoms. <i>Neuropsychologia</i> , 2009, 47, 1978-1987.	1.6	92

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73	Prelude to and Resolution of an Error: EEG Phase Synchrony Reveals Cognitive Control Dynamics during Action Monitoring. <i>Journal of Neuroscience</i> , 2009, 29, 98-105.	3.6	551
74	Multiple aspects of the stress response under social evaluative threat: An electrophysiological investigation. <i>Psychoneuroendocrinology</i> , 2008, 33, 41-53.	2.7	54
75	Mood effects on the ERP processing of emotional intensity in faces: A P3 investigation with depressed students. <i>International Journal of Psychophysiology</i> , 2006, 60, 27-33.	1.0	92
76	Respiratory Sinus Arrhythmia Correlates With Depressive Symptoms Following Mild Traumatic Brain Injury. <i>Journal of Psychophysiology</i> , 0, , 1-13.	0.7	2