

# Clay B Holroyd

## List of Publications by Citations

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46  
papers

6,982  
citations

23  
h-index

48  
g-index

48  
ext. papers

7,741  
ext. citations

5.5  
avg, IF

6.34  
L-index

#	Paper	IF	Citations
46	The neural basis of human error processing: reinforcement learning, dopamine, and the error-related negativity. <i>Psychological Review</i> , <b>2002</b> , 109, 679-709	6.3	2950
45	The feedback correct-related positivity: sensitivity of the event-related brain potential to unexpected positive feedback. <i>Psychophysiology</i> , <b>2008</b> , 45, 688-97	4.1	430
44	Motivation of extended behaviors by anterior cingulate cortex. <i>Trends in Cognitive Sciences</i> , <b>2012</b> , 16, 122-8	14	408
43	ERP correlates of feedback and reward processing in the presence and absence of response choice. <i>Cerebral Cortex</i> , <b>2005</b> , 15, 535-44	5.1	401
42	Dorsal anterior cingulate cortex shows fMRI response to internal and external error signals. <i>Nature Neuroscience</i> , <b>2004</b> , 7, 497-8	25.5	378
41	Errors in reward prediction are reflected in the event-related brain potential. <i>NeuroReport</i> , <b>2003</b> , 14, 2481-4	1.7	331
40	Context dependence of the event-related brain potential associated with reward and punishment. <i>Psychophysiology</i> , <b>2004</b> , 41, 245-53	4.1	290
39	Reward prediction error signals associated with a modified time estimation task. <i>Psychophysiology</i> , <b>2007</b> , 44, 913-7	4.1	268
38	Detection of synchronized oscillations in the electroencephalogram: an evaluation of methods. <i>Psychophysiology</i> , <b>2004</b> , 41, 822-32	4.1	188
37	A mechanism for error detection in speeded response time tasks. <i>Journal of Experimental Psychology: General</i> , <b>2005</b> , 134, 163-91	4.7	165
36	Reward positivity elicited by predictive cues. <i>NeuroReport</i> , <b>2011</b> , 22, 249-52	1.7	128
35	Hierarchical control over effortful behavior by rodent medial frontal cortex: A computational model. <i>Psychological Review</i> , <b>2015</b> , 122, 54-83	6.3	126
34	Dorsal anterior cingulate cortex integrates reinforcement history to guide voluntary behavior. <i>Cortex</i> , <b>2008</b> , 44, 548-59	3.8	126
33	The research domain criteria framework: The case for anterior cingulate cortex. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 71, 418-443	9	110
32	Frontal midline theta and N200 amplitude reflect complementary information about expectancy and outcome evaluation. <i>Psychophysiology</i> , <b>2013</b> , 50, 550-62	4.1	98
31	Electrophysiological evidence of atypical motivation and reward processing in children with attention-deficit hyperactivity disorder. <i>Neuropsychologia</i> , <b>2008</b> , 46, 2234-42	3.2	65
30	Brain mechanisms underlying apathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 302-312	12.5	55

29	Alcohol and error processing. <i>Trends in Neurosciences</i> , <b>2003</b> , 26, 402-4	13.3	53
28	Reward positivity: Reward prediction error or salience prediction error?. <i>Psychophysiology</i> , <b>2016</b> , 53, 1185-92	4.9	46
27	Developmental changes in the reward positivity: an electrophysiological trajectory of reward processing. <i>Developmental Cognitive Neuroscience</i> , <b>2014</b> , 9, 191-9	5.5	45
26	Feedback-related negativity observed in rodent anterior cingulate cortex. <i>Journal of Physiology (Paris)</i> , <b>2015</b> , 109, 87-94		37
25	Reward feedback stimuli elicit high-beta EEG oscillations in human dorsolateral prefrontal cortex. <i>Scientific Reports</i> , <b>2015</b> , 5, 13021	4.9	29
24	It's all about timing: An electrophysiological examination of feedback-based learning with immediate and delayed feedback. <i>Neuropsychologia</i> , <b>2017</b> , 99, 179-186	3.2	25
23	Atypical valuation of monetary and cigarette rewards in substance dependent smokers. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 1358-1365	4.3	22
22	Feedback information and the reward positivity. <i>International Journal of Psychophysiology</i> , <b>2018</b> , 132, 243-251	2.9	21
21	I can't wait! Neural reward signals in impulsive individuals exaggerate the difference between immediate and future rewards. <i>Psychophysiology</i> , <b>2017</b> , 54, 409-415	4.1	19
20	Reward-based contextual learning supported by anterior cingulate cortex. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2017</b> , 17, 642-651	3.5	17
19	Sensitivity of frontal beta oscillations to reward valence but not probability. <i>Neuroscience Letters</i> , <b>2015</b> , 602, 99-103	3.3	17
18	Electrophysiological indices of anterior cingulate cortex function reveal changing levels of cognitive effort and reward valuation that sustain task performance. <i>Neuropsychologia</i> , <b>2019</b> , 123, 67-76	3.2	17
17	Distributed representations of action sequences in anterior cingulate cortex: A recurrent neural network approach. <i>Psychonomic Bulletin and Review</i> , <b>2018</b> , 25, 302-321	4.1	16
16	Human midcingulate cortex encodes distributed representations of task progress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6398-6403	11.5	15
15	Anxious gambling: Anxiety is associated with higher frontal midline theta predicting less risky decisions. <i>Psychophysiology</i> , <b>2018</b> , 55, e13210	4.1	15
14	What you give is what you get: Payment of one randomly selected trial induces risk-aversion and decreases brain responses to monetary feedback. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2019</b> , 19, 187-196	3.5	12
13	The Best Laid Plans: Computational Principles of Anterior Cingulate Cortex. <i>Trends in Cognitive Sciences</i> , <b>2021</b> , 25, 316-329	14	10
12	Electrophysiological measures reveal the role of anterior cingulate cortex in learning from unreliable feedback. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2018</b> , 18, 949-963	3.5	9

11	When theory and biology differ: The relationship between reward prediction errors and expectancy. <i>Biological Psychology</i> , <b>2017</b> , 129, 265-272	3.2	8
10	Theories of anterior cingulate cortex function: opportunity cost. <i>Behavioral and Brain Sciences</i> , <b>2013</b> , 36, 693-4; discussion 707-26	0.9	8
9	Wearing a bike helmet leads to less cognitive control, revealed by lower frontal midline theta power and risk indifference. <i>Psychophysiology</i> , <b>2019</b> , 56, e13458	4.1	7
8	Smoking Decisions: Altered Reinforcement Learning Signals Induced by Nicotine State. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 164-171	4.9	6
7	Electrophysiological responses of medial prefrontal cortex to feedback at different levels of hierarchy. <i>NeuroImage</i> , <b>2018</b> , 183, 121-131	7.9	4
6	Hypnotic suggestions of safety reduce neuronal signals of delay discounting. <i>Scientific Reports</i> , <b>2021</b> , 11, 2706	4.9	2
5	Neural mechanisms of affective instability and cognitive control in substance use. <i>International Journal of Psychophysiology</i> , <b>2019</b> , 146, 1-19	2.9	1
4	Reward processing electrophysiology in schizophrenia: Effects of age and illness phase. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102492	5.3	1
3	Neural Representations of Task Context and Temporal Order During Action Sequence Execution. <i>Topics in Cognitive Science</i> , <b>2021</b> ,	2.5	1
2	Beta oscillations following performance feedback predict subsequent recall of task-relevant information. <i>Scientific Reports</i> , <b>2020</b> , 10, 15114	4.9	0
1	Pain feedback interferes with reward positivity production.. <i>Psychophysiology</i> , <b>2022</b> , e14004	4.1	