

Michael G H Coles

List of Publications by Year in descending order

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53
papers

19,634
citations

81889

39
h-index

182417

51
g-index

53
all docs

53
docs citations

53
times ranked

9528
citing authors

#	ARTICLE	IF	CITATIONS
1	The neural basis of human error processing: Reinforcement learning, dopamine, and the error-related negativity.. Psychological Review, 2002, 109, 679-709.	3.8	3,370
2	Is the P300 component a manifestation of context updating?. Behavioral and Brain Sciences, 1988, 11, 357.	0.7	3,116
3	A Neural System for Error Detection and Compensation. Psychological Science, 1993, 4, 385-390.	3.3	2,494
4	Event-Related Brain Potentials Following Incorrect Feedback in a Time-Estimation Task: Evidence for a "Generic" Neural System for Error Detection. Journal of Cognitive Neuroscience, 1997, 9, 788-798.	2.3	1,301
5	Optimizing the use of information: Strategic control of activation of responses.. Journal of Experimental Psychology: General, 1992, 121, 480-506.	2.1	1,299
6	Modern Mind-Brain Reading: Psychophysiology, Physiology, and Cognition. Psychophysiology, 1989, 26, 251-269.	2.4	790
7	Pre- and poststimulus activation of response channels: A psychophysiological analysis.. Journal of Experimental Psychology: Human Perception and Performance, 1988, 14, 331-344.	0.9	659
8	A psychophysiological investigation of the continuous flow model of human information processing.. Journal of Experimental Psychology: Human Perception and Performance, 1985, 11, 529-553.	0.9	529
9	Reinforcement-related brain potentials from medial frontal cortex: origins and functional significance. Neuroscience and Biobehavioral Reviews, 2004, 28, 441-448.	6.1	475
10	In search of the point of no return: The control of response processes.. Journal of Experimental Psychology: Human Perception and Performance, 1990, 16, 164-182.	0.9	442
11	Dorsal anterior cingulate cortex shows fMRI response to internal and external error signals. Nature Neuroscience, 2004, 7, 497-498.	14.8	429
12	Modulation of activity in medial frontal and motor cortices during error observation. Nature Neuroscience, 2004, 7, 549-554.	14.8	398
13	Performance monitoring in a confusing world: Error-related brain activity, judgments of response accuracy, and types of errors.. Journal of Experimental Psychology: Human Perception and Performance, 2000, 26, 141-151.	0.9	388
14	A computational account of altered error processing in older age: Dopamine and the error-related negativity. Cognitive, Affective and Behavioral Neuroscience, 2002, 2, 19-36.	2.0	299
15	Event-related brain potentials and error-related processing: An analysis of incorrect responses to go and no-go stimuli. Psychophysiology, 1996, 33, 42-53.	2.4	268
16	Strategies and mechanisms in nonselective and selective inhibitory motor control.. Journal of Experimental Psychology: Human Perception and Performance, 1995, 21, 498-511.	0.9	229
17	Implementation of error-processing in the human anterior cingulate cortex: a source analysis of the magnetic equivalent of the error-related negativity. Biological Psychology, 2003, 64, 157-166.	2.2	199
18	An electromyographic examination of response competition. Bulletin of the Psychonomic Society, 1985, 23, 165-168.	0.2	193

#	ARTICLE	IF	CITATIONS
19	If Attitudes Affect How Stimuli Are Processed, Should They Not Affect the Event-Related Brain Potential?. <i>Psychological Science</i> , 1993, 4, 108-112.	3.3	185
20	"Where did I go wrong?" A psychophysiological analysis of error detection.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1995, 21, 1312-1322.	0.9	185
21	A Mechanism for Error Detection in Speeded Response Time Tasks.. <i>Journal of Experimental Psychology: General</i> , 2005, 134, 163-191.	2.1	183
22	Performance monitoring in a confusing world: Error-related brain activity, judgments of response accuracy, and types of errors.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000, 26, 141-151.	0.9	179
23	Hypersensitivity to Reward in Problem Gamblers. <i>Biological Psychiatry</i> , 2010, 67, 781-783.	1.3	161
24	Probability effects on stimulus evaluation and response processes.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1992, 18, 198-216.	0.9	160
25	Why humans deviate from rational choice. <i>Psychophysiology</i> , 2011, 48, 507-514.	2.4	152
26	Dorsal anterior cingulate cortex integrates reinforcement history to guide voluntary behavior. <i>Cortex</i> , 2008, 44, 548-559.	2.4	141
27	Neural dynamics of error processing in medial frontal cortex. <i>NeuroImage</i> , 2005, 28, 1007-1013.	4.2	136
28	Anterior cingulate cortex activity can be independent of response conflict in Stroop-like tasks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13884-13889.	7.1	136
29	Decision-Making in Blackjack: An Electrophysiological Analysis. <i>Cerebral Cortex</i> , 2007, 17, 865-877.	2.9	132
30	The influence of the magnitude, probability, and valence of potential wins and losses on the amplitude of the feedback negativity. <i>Psychophysiology</i> , 2012, 49, 207-219.	2.4	102
31	On the Programming and Reprogramming of Actions. <i>Cerebral Cortex</i> , 2007, 17, 2972-2979.	2.9	85
32	Medial Prefrontal Cortex and Error Potentials. <i>Science</i> , 2002, 296, 1610-1611.	12.6	85
33	Context updating and the P300. <i>Behavioral and Brain Sciences</i> , 1998, 21, 152-154.	0.7	81
34	The Error-Related Negativity. <i>Perspectives on Psychological Science</i> , 2018, 13, 200-204.	9.0	79
35	Spared error-related potentials in mild to moderate Parkinson's disease. <i>Neuropsychologia</i> , 2002, 40, 2116-2124.	1.6	62
36	Error-related processing during a period of extended wakefulness. <i>Psychophysiology</i> , 1999, 36, 149-157.	2.4	61

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37	Cardiac activity and information processing: The effects of stimulus significance, and detection and response requirements.. Journal of Experimental Psychology: Human Perception and Performance, 1975, 1, 418-428.	0.9	55
38	The lateralized readiness potential: Relationship between human data and response activation in a connectionist model. Psychophysiology, 1999, 36, 364-370.	2.4	51
39	Cardiac and respiratory activity during visual search.. Journal of Experimental Psychology, 1972, 96, 371-379.	1.5	44
40	On the conceptual foundations of cognitive psychophysiology. Behavioral and Brain Sciences, 1988, 11, 408.	0.7	38
41	Decision-making under Risk: An fMRI Study. Journal of Cognitive Neuroscience, 2009, 21, 1642-1652.	2.3	36
42	Smiling faces, sometimes they don't tell the truth: Facial expression in the ultimatum game impacts decision making and event-related potentials. Psychophysiology, 2014, 51, 358-363.	2.4	36
43	An electrophysiological analysis of coaching in Blackjack. Cortex, 2008, 44, 1197-1205.	2.4	31
44	Heart rate and disjunctive reaction time: The effects of discrimination requirements.. Journal of Experimental Psychology, 1974, 103, 1160-1168.	1.5	28
45	Delay-related cerebral activity and motor preparation. Cortex, 2008, 44, 507-520.	2.4	28
46	The Lateralized Readiness Potential. , 2003, , 229-248.		28
47	The Cardiac Cycle Time Effect: Influence of Respiration Phase and Information Processing Requirements. Psychophysiology, 1982, 19, 648-657.	2.4	22
48	Your mistake is my mistake – or is it? Behavioural adjustments following own and observed actions in cooperative and competitive contexts. Quarterly Journal of Experimental Psychology, 2012, 65, 317-325.	1.1	22
49	How bad was it? Differences in the time course of sensitivity to the magnitude of loss in problem gamblers and controls. Behavioural Brain Research, 2013, 247, 140-145.	2.2	15
50	Behavior cognition and event-related brain potentials. Behavioral and Brain Sciences, 1991, 14, 735-739.	0.7	9
51	Error-related processing during a period of extended wakefulness. Psychophysiology, 1999, 36, 149-157.	2.4	5
52	Neurons and Reaction Times. Science, 1997, 275, 140c-144.	12.6	3
53	Emanuel Donchin (1935–2018). Psychophysiology, 2018, 55, e13302.	2.4	0