

Matthew Kyle Robison

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,468
citations

430874

18
h-index

361022

35
g-index

60
all docs

60
docs citations

60
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Pupillary correlates of lapses of sustained attention. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 601-615.	2.0	176
2	A locus coeruleus-norepinephrine account of individual differences in working memory capacity and attention control. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 1282-1311.	2.8	120
3	Individual differences in the allocation of attention to items in working memory: Evidence from pupillometry. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 757-765.	2.8	106
4	The importance of arousal for variation in working memory capacity and attention control: A latent variable pupillometry study.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 1962-1987.	0.9	86
5	The neurotic wandering mind: An individual differences investigation of neuroticism, mind-wandering, and executive control. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 649-663.	1.1	83
6	Tracking arousal state and mind wandering with pupillometry. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 638-664.	2.0	80
7	Contralateral Delay Activity Tracks Fluctuations in Working Memory Performance. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1229-1240.	2.3	73
8	Cognitive and contextual correlates of spontaneous and deliberate mind-wandering.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2018, 44, 85-98.	0.9	64
9	The influence of lapses of attention on working memory capacity. <i>Memory and Cognition</i> , 2016, 44, 188-196.	1.6	63
10	Working Memory Capacity Offers Resistance to Mind-Wandering and External Distraction in a Context-Specific Manner. <i>Applied Cognitive Psychology</i> , 2015, 29, 680-690.	1.6	54
11	A multi-faceted approach to understanding individual differences in mind-wandering. <i>Cognition</i> , 2020, 198, 104078.	2.2	53
12	Pupillary Correlates of Fluctuations in Sustained Attention. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1241-1253.	2.3	50
13	Examining the effects of probe frequency, response options, and framing within the thought-probe method. <i>Behavior Research Methods</i> , 2019, 51, 398-408.	4.0	41
14	Pupillometry tracks fluctuations in working memory performance. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 407-419.	1.3	40
15	Working memory capacity and sustained attention: A cognitive-energetic perspective.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020, 46, 77-103.	0.9	37
16	Working memory capacity, strategic allocation of study time, and value-directed remembering. <i>Journal of Memory and Language</i> , 2017, 93, 231-244.	2.1	33
17	Tracking working memory maintenance with pupillometry. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 461-484.	1.3	33
18	Individual differences in baseline oculometrics: Examining variation in baseline pupil diameter, spontaneous eye blink rate, and fixation stability. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1074-1093.	2.0	26

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19	Pupillary correlates of covert shifts of attention during working memory maintenance. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 782-795.	1.3	21
20	Working memory capacity and mind-wandering during low-demand cognitive tasks. <i>Consciousness and Cognition</i> , 2017, 52, 47-54.	1.5	21
21	Individual differences in working memory capacity and the regulation of arousal. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 3273-3290.	1.3	17
22	Are individual differences in attention control related to working memory capacity? A latent variable mega-analysis. <i>Journal of Experimental Psychology: General</i> , 2021, 150, 1332-1357.	2.1	16
23	The Cognitive Underpinnings of Multiply-Constrained Problem Solving. <i>Journal of Intelligence</i> , 2021, 9, 7.	2.5	14
24	Individual differences in encoding strategies and free recall dynamics. <i>Quarterly Journal of Experimental Psychology</i> , 2019, 72, 2495-2508.	1.1	13
25	No evidence for enhancements to visual working memory with transcranial direct current stimulation to prefrontal or posterior parietal cortices. <i>Behavioral Neuroscience</i> , 2017, 131, 277-288.	1.2	13
26	Individual differences in lapses of sustained attention: Oculometric indicators of intrinsic alertness. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2020, 46, 569-592.	0.9	12
27	Individual differences in working memory capacity and filtering. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 1038-1053.	0.9	11
28	Individual differences in working memory capacity and resistance to belief bias in syllogistic reasoning. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 1471-1484.	1.1	10
29	Is working memory capacity related to baseline pupil diameter?. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 228-237.	2.8	10
30	Individual differences in working memory capacity, attention control, fluid intelligence, and pupillary measures of arousal. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2022, 48, 1296-1310.	0.9	10
31	Examining the effects of goal-setting, feedback, and incentives on sustained attention. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2021, 47, 869-891.	0.9	9
32	Individual differences in working memory capacity predict learned control over attentional capture. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017, 43, 1912-1924.	0.9	9
33	Variation in the use of cues to guide visual working memory. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 1652-1665.	1.3	8
34	Deep Neural Network for Visual Stimulus-Based Reaction Time Estimation Using the Periodogram of Single-Trial EEG. <i>Sensors</i> , 2020, 20, 6090.	3.8	8
35	The effect of binaural beat stimulation on sustained attention. <i>Psychological Research</i> , 2022, 86, 808-822.	1.7	7
36	No consistent correlation between baseline pupil diameter and cognitive abilities after controlling for confounds. A comment on. <i>Cognition</i> , 2021, 215, 104825.	2.2	5

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37	Pupillary correlates of individual differences in long-term memory. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 1355-1366.	2.8	5
38	An examination of relations between baseline pupil measures and cognitive abilities. <i>Psychophysiology</i> , 2022, 59, .	2.4	5
39	Do participants differ in their cognitive abilities, task motivation, or personality characteristics as a function of time of participation?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2016, 42, 897-913.	0.9	4
40	Recall initiation strategies must be controlled in training studies that use immediate free recall tasks to measure the components of working memory capacity across time. <i>Child Neuropsychology</i> , 2014, 20, 539-556.	1.3	3
41	Acute pain impairs sustained attention.. <i>Journal of Experimental Psychology: Applied</i> , 2021, 27, 563-577.	1.2	3
42	A Generalized Model to Estimate Reaction Time Corresponding to Visual Stimulus Using Single-Trial EEG. , 2020, 2020, 3011-3014.		2
43	On the relation between working memory capacity and the antisaccade task.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2022, 48, 1420-1447.	0.9	1
44	Individual Differences in Disqualifying Monitoring Underlie False Recognition of Associative and Conjunction Lures. <i>Memory and Cognition</i> , 2021, , 1.	1.6	1
45	The influence of working memory capacity and lapses of attention for variation in error monitoring. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, , .	2.0	1
46	3D CNN to Estimate Reaction Time from Multi-Channel EEG. , 2021, 2021, 5932-5935.		0
47	A multimodal analysis of sustained attention in younger and older adults.. <i>Psychology and Aging</i> , 2022, 37, 307-325.	1.6	0