Paul E Dux

List of Publications by Year
in descending order

108 papers	4,534 citations	126907 33 h-index	118850 62 g-index
113 all docs	113 docs citations	113 times ranked	3966 citing authors

#	Article	IF	Citations
1	Task difficulty and private speech in typically developing and at-risk preschool children. Journal of Child Language, 2022, , 1-28.	1.2	4
2	On the relationship between GABA+ and glutamate across the brain. NeuroImage, 2022, 257, 119273.	4.2	8
3	State-dependent effects of neural stimulation on brain function and cognition. Nature Reviews Neuroscience, 2022, 23, 459-475.	10.2	56
4	On the Influence of Spatial and Value Attentional Cues Across Individuals. Journal of Cognition, 2022, 5, .	1.4	0
5	The influence of tDCS intensity on decision-making training and transfer outcomes. Journal of Neurophysiology, 2021, 125, 385-397.	1.8	29
6	Stimulating task unrelated thoughts: tDCS of prefrontal and parietal cortices leads to polarity specific increases in mind wandering. Neuropsychologia, 2021, 151, 107723.	1.6	14
7	Evidence against benefits from cognitive training and transcranial direct current stimulation in healthy older adults. Nature Human Behaviour, 2021, 5, 146-158.	12.0	26
8	Causal evidence for dissociable roles of the prefrontal and superior medial frontal cortices in decision strategies.. Journal of Experimental Psychology: Human Perception and Performance, 2021, 47, 518-528.	0.9	6
9	Age-related differences in the role of the prefrontal cortex in sensory-motor training gains: A tDCS study. Neuropsychologia, 2021, 158, 107891.	1.6	4
10	Preschool childrenâ€™s private speech content and performance on executive functioning and problem-solving tasks. Cognitive Development, 2021, 60, 101116.	1.3	5
11	Exploring the Higher-Order Cognitive Capacities of Sports Coaches. International Sport Coaching Journal, 2021, , 1-7.	0.7	1
12	Awareness is related to reduced postâ€stimulus alpha power: a noâ€report inattentional blindness study. European Journal of Neuroscience, 2020, 52, 4411-4422.	2.6	23
13	Modulating brain activity and behaviour with tDCS: Rumours of its death have been greatly exaggerated. Cortex, 2020, 123, 141-151.	2.4	56
14	Effects of tDCS on visual statistical learning. Neuropsychologia, 2020, 148, 107652.	1.6	1
15	Dissociable effects of tDCS polarity on latent decision processes are associated with individual differences in neurochemical concentrations and cortical morphology. Neuropsychologia, 2020, 141, 107433.	1.6	16
16	Training attenuates the influence of sensory uncertainty on confidence estimation. Attention, Perception, and Psychophysics, 2020, 82, 2630-2640.	1.3	2
17	Self-directed speech and self-regulation in childhood neurodevelopmental disorders: Current findings and future directions. Development and Psychopathology, 2020, 32, 205-217.	2.3	14
18	For a minute there, I lost myself â€¦ dosage dependent increases in mind wandering via prefrontal tDCS. Neuropsychologia, 2019, 129, 379-384.	1.6	26

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19	Causal evidence of right temporal parietal junction involvement in implicit Theory of Mind processing. NeuroImage, 2019, 196, 329-336.	4.2	21
20	The efficacy of transcranial direct current stimulation to prefrontal areas is related to underlying cortical morphology. NeuroImage, 2019, 196, 41-48.	4.2	54
21	Accounting for individual differences in the response to tDCS with baseline levels of neurochemical excitability. Cortex, 2019, 115, 324-334.	2.4	66
22	Neural correlates of goal-directed enhancement and suppression of visual stimuli in the absence of conscious perception. Attention, Perception, and Psychophysics, 2019, 81, 1346-1364.	1.3	13
23	Detecting Unattended Stimuli Depends on the Phase of Prestimulus Neural Oscillations. Journal of Neuroscience, 2018, 38, 3092-3101.	3.6	49
24	Distributed and opposing effects of incidental learning in the human brain. NeuroImage, 2018, 173, 351-360.	4.2	4
25	Implicit false belief tracking is preserved in late adulthood. Quarterly Journal of Experimental Psychology, 2018, 71, 1980-1987.	1.1	16
26	From eyes to hands: Transfer of learning in the Simon task across motor effectors. Attention, Perception, and Psychophysics, 2018, 80, 193-210.	1.3	10
27	Cathodal electrical stimulation of frontoparietal cortex disrupts statistical learning of visual configural information. Cortex, 2018, 99, 187-199.	2.4	6
28	Decoding early and late cortical contributions to individuation of attended and unattended objects. Cortex, 2018, 99, 45-54.	2.4	0
29	Electrophysiological correlates of incidentally learned expectations in human vision. Journal of Neurophysiology, 2018, 119, 1461-1470.	1.8	10
30	Decision-making training reduces the attentional blink.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 195-205.	0.9	4
31	Uncertainty information that is irrelevant for report impacts confidence judgments.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 1981-1994.	0.9	13
32	Distinct roles of theta and alpha oscillations in the involuntary capture of goal-directed attention. NeuroImage, 2017, 152, 171-183.	4.2	46
33	Current evidence for automatic Theory of Mind processing in adults. Cognition, 2017, 162, 27-31.	2.2	58
34	The role of executive attention in object substitution masking. Attention, Perception, and Psychophysics, 2017, 79, 1070-1077.	1.3	4
35	Do implicit and explicit belief processing share neural substrates?. Human Brain Mapping, 2017, 38, 4760-4772.	3.6	30
36	Anodal tDCS applied during multitasking training leads to transferable performance gains. Scientific Reports, 2017, 7, 12988.	3.3	34

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37	The neural basis of temporal individuation and its capacity limits in the human brain. Journal of Neurophysiology, 2017, 118, 2601-2613.	1.8	3
38	Transcranial direct current stimulation of superior medial frontal cortex disrupts response selection during proactive response inhibition. NeuroImage, 2017, 158, 455-465.	4.2	10
39	Dynamic, continuous multitasking training leads to task-specific improvements but does not transfer across action selection tasks. Npj Science of Learning, 2017, 2, 14.	2.8	11
40	Re-examining the influence of attention and consciousness on visual afterimage duration.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 1944-1949.	0.9	5
41	Distributed and Overlapping Neural Substrates for Object Individuation and Identification in Visual Short-Term Memory. Cerebral Cortex, 2016, 26, bhu212.	2.9	15
42	On the relationship between response selection and response inhibition: An individual differences approach. Attention, Perception, and Psychophysics, 2016, 78, 2420-2432.	1.3	37
43	Enhanced frontal activation underlies sparing from the attentional blink: Evidence from human electrophysiology. Psychophysiology, 2016, 53, 623-633.	2.4	16
44	Getting back from the basics: What is the role for attention and fronto-parietal circuits in consciousness?. Behavioral and Brain Sciences, 2016, 39, e175.	0.7	0
45	Early information processing contributions to object individuation revealed by perception of illusory figures. Journal of Neurophysiology, 2016, 116, 2513-2522.	1.8	6
46	Prefrontal Cortex Structure Predicts Training-Induced Improvements in Multitasking Performance. Journal of Neuroscience, 2016, 36, 2638-2645.	3.6	23
47	Transfer of training benefits requires rules we cannot see (or hear).. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1148-1157.	0.9	9
48	Improvements in Attention and Decision-Making Following Combined Behavioral Training and Brain Stimulation. Cerebral Cortex, 2016, 27, 3675-3682.	2.9	31
49	Computations underlying confidence in visual perception.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 671-682.	0.9	63
50	Dissociable effects of anodal and cathodal tDCS reveal distinct functional roles for right parietal cortex in the detection of single and competing stimuli. Neuropsychologia, 2015, 74, 120-126.	1.6	24
51	The Attentional Blink Impairs Detection and Delays Encoding of Visual Information: Evidence from Human Electrophysiology. Journal of Cognitive Neuroscience, 2015, 27, 720-735.	2.3	40
52	Causal involvement of visual area MT in global feature-based enhancement but not contingent attentional capture. NeuroImage, 2015, 118, 90-102.	4.2	5
53	Object substitution masking for an attended and foveated target.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 6-10.	0.9	21
54	Distinct roles of the intraparietal sulcus and temporoparietal junction in attentional capture from distractor features: An individual differences approach. Neuropsychologia, 2015, 74, 50-62.	1.6	14

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55	Training conquers multitasking costs by dividing task representations in the frontoparietal-subcortical system. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14372-14377.	7.1	50
56	Transferability of Training Benefits Differs across Neural Events: Evidence from ERPs. Journal of Cognitive Neuroscience, 2015, 27, 2079-2094.	2.3	15
57	What do we know about implicit false-belief tracking?. Psychonomic Bulletin and Review, 2015, 22, 1-12.	2.8	71
58	Distinct contributions of attention and working memory to visual statistical learning and ensemble processing.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 1112-1123.	0.9	12
59	Confidence in the mind's eye. Journal of Vision, 2015, 15, 289.	0.3	1
60	Early Cortical Contributions to Object Individuation. Journal of Vision, 2015, 15, 905.	0.3	0
61	The neural basis of temporal individuation and its capacity limits in the human brain. Journal of Neurophysiology, 2014, 111, 499-512.	1.8	4
62	Neural Responses to Target Features outside a Search Array Are Enhanced during Conjunction but Not Unique-Feature Search. Journal of Neuroscience, 2014, 34, 3390-3401.	3.6	49
63	Applications of transcranial direct current stimulation for understanding brain function. Trends in Neurosciences, 2014, 37, 742-753.	8.6	414
64	On the costs of lag-1 sparing.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 416-428.	0.9	15
65	Task instructions and implicit theory of mind. Cognition, 2014, 133, 43-47.	2.2	56
66	Distinct neural networks for target feature versus dimension changes in visual search, as revealed by EEG and fMRI. NeuroImage, 2014, 102, 798-808.	4.2	16
67	Implicit false-belief processing in the human brain. NeuroImage, 2014, 101, 268-275.	4.2	59
68	Size (mostly) doesnâ€™t matter: the role of set size in object substitution masking. Attention, Perception, and Psychophysics, 2014, 76, 1620-1629.	1.3	24
69	Individual differences within and across attentional blink tasks revisited. Attention, Perception, and Psychophysics, 2013, 75, 456-467.	1.3	21
70	Substituting objects from consciousness: A review of object substitution masking. Psychonomic Bulletin and Review, 2013, 20, 859-877.	2.8	39
71	A temporally sustained implicit theory of mind deficit in autism spectrum disorders. Cognition, 2013, 129, 410-417.	2.2	107
72	Improved multitasking following prefrontal tDCS. Cortex, 2013, 49, 2845-2852.	2.4	88

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73	Amodal Processing in Human Prefrontal Cortex. Journal of Neuroscience, 2013, 33, 11573-11587.	3.6	43
74	On the role of working memory in spatial contextual cueing.. Journal of Experimental Psychology: Learning Memory and Cognition, 2013, 39, 208-219.	0.9	43
75	Disrupting Prefrontal Cortex Prevents Performance Gains from Sensory-Motor Training. Journal of Neuroscience, 2013, 33, 18654-18660.	3.6	47
76	Attentional Tuning Resets after Failures of Perceptual Awareness. PLoS ONE, 2013, 8, e60623.	2.5	0
77	Eye movements reveal sustained implicit processing of others' mental states.. Journal of Experimental Psychology: General, 2012, 141, 433-438.	2.1	94
78	Cognitive Load Disrupts Implicit Theory-of-Mind Processing. Psychological Science, 2012, 23, 842-847.	3.3	115
79	Make a lasting impression: The neural consequences of reâ€encountering people who emote inappropriately. Psychophysiology, 2012, 49, 1571-1578.	2.4	8
80	Attentional asymmetries in a visual orienting task are related to temperament. Cognition and Emotion, 2012, 26, 1508-1515.	2.0	7
81	Understanding recovery from object substitution masking. Cognition, 2012, 122, 405-415.	2.2	51
82	Sparing from the attentional blink is not spared from structural limitations. Psychonomic Bulletin and Review, 2012, 19, 232-238.	2.8	30
83	Implicit semantic perception in object substitution masking. Cognition, 2011, 118, 130-134.	2.2	16
84	Competing for consciousness: Prolonged mask exposure reduces object substitution masking.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 588-596.	0.9	18
85	A Unified attentional bottleneck in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13426-13431.	7.1	180
86	Working Memory Encoding Delays Topâ€“Down Attention to Visual Cortex. Journal of Cognitive Neuroscience, 2011, 23, 2593-2604.	2.3	18
87	Different attentional blink tasks reflect distinct information processing limitations: An individual differences approach.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1867-1873.	0.9	32
88	The Neural Correlates of Third-Party Punishment. , 2011, , 115-140.		1
89	Rapid learning of rapid temporal contexts. Psychonomic Bulletin and Review, 2010, 17, 417-420.	2.8	2
90	Delayed Reentrant Processing Impairs Visual Awareness. Psychological Science, 2010, 21, 1242-1247.	3.3	47

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91	Priming from distractors in rapid serial visual presentation is modulated by image properties and attention.. Journal of Experimental Psychology: Human Perception and Performance, 2010, 36, 1595-1608.	0.9	17
92	The attentional blink: A review of data and theory. Attention, Perception, and Psychophysics, 2009, 71, 1683-1700.	1.3	464
93	Both exogenous and endogenous target salience manipulations support resource depletion accounts of the attentional blink: A reply to Olivers, Spalek, Kawahara, and Di Lollo (2009). Psychonomic Bulletin and Review, 2009, 16, 219-224.	2.8	27
94	Training Improves Multitasking Performance by Increasing the Speed of Information Processing in Human Prefrontal Cortex. Neuron, 2009, 63, 127-138.	8.1	250
95	Repetition blindness and repetition priming: Effects of featural differences between targets and distractors on RSVP dual-target search. Memory and Cognition, 2008, 36, 776-790.	1.6	8
96	An attentional blink for sequentially presented targets: Evidence in favor of resource depletion accounts. Psychonomic Bulletin and Review, 2008, 15, 809-813.	2.8	42
97	The Neural Correlates of Third-Party Punishment. Neuron, 2008, 60, 930-940.	8.1	291
98	Distractor Inhibition Predicts Individual Differences in the Attentional Blink. PLoS ONE, 2008, 3, e3330.	2.5	52
99	Orientation Sensitivity at Different Stages of Object Processing: Evidence from Repetition Priming and Naming. PLoS ONE, 2008, 3, e2256.	2.5	23
100	Viewpoint costs occur during consolidation: Evidence from the attentional blink. Cognition, 2007, 104, 47-58.	2.2	25
101	On the failure of distractor inhibition in the attentional blink. Psychonomic Bulletin and Review, 2007, 14, 723-728.	2.8	28
102	Repetition blindness is immune to the central bottleneck. Psychonomic Bulletin and Review, 2007, 14, 729-734.	2.8	14
103	Isolation of a Central Bottleneck of Information Processing with Time-Resolved fMRI. Neuron, 2006, 52, 1109-1120.	8.1	304
104	On the fate of distractor stimuli in rapid serial visual presentation. Cognition, 2006, 99, 355-382.	2.2	24
105	Turning objects on their heads: The influence of the stored axis on object individuation. Perception & Psychophysics, 2005, 67, 1010-1015.	2.3	14
106	Orientation-invariant object recognition: evidence from repetition blindness. Cognition, 2005, 95, 73-93.	2.2	46
107	The Meaning of the Mask Matters: Evidence of Conceptual Interference in the Attentional Blink. Psychological Science, 2005, 16, 775-779.	3.3	39
108	Effects of Orthographic and Phonological Word Length on Memory for Lists Shown at RSVP and STM Rates.. Journal of Experimental Psychology: Learning Memory and Cognition, 2004, 30, 815-826.	0.9	11