

# John J Mcdonald

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

3,977  
citations

201385

27  
h-index

197535

49  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophysiological Indices of Target and Distractor Processing in Visual Search. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 760-775.	1.1	497
2	Involuntary orienting to sound improves visual perception. <i>Nature</i> , 2000, 407, 906-908.	13.7	422
3	Electrophysiological Evidence of the Capture of Visual Attention. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 604-613.	1.1	385
4	Suppression of Salient Objects Prevents Distraction in Visual Search. <i>Journal of Neuroscience</i> , 2014, 34, 5658-5666.	1.7	233
5	Cross-modal cueing of attention alters appearance and early cortical processing of visual stimuli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22456-22461.	3.3	183
6	Semantic and affective processing in psychopaths: An event-related potential (ERP) study. <i>Psychophysiology</i> , 1999, 36, 765-774.	1.2	156
7	Neural Substrates of Perceptual Enhancement by Cross-Modal Spatial Attention. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 10-19.	1.1	144
8	Neural basis of auditory-induced shifts in visual time-order perception. <i>Nature Neuroscience</i> , 2005, 8, 1197-1202.	7.1	141
9	Inability to suppress salient distractors predicts low visual working memory capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3693-3698.	3.3	125
10	An event-related brain potential study of inhibition of return. <i>Perception &amp; Psychophysics</i> , 1999, 61, 1411-1423.	2.3	120
11	Involuntary Listening Aids Seeing: Evidence From Human Electrophysiology. <i>Psychological Science</i> , 2000, 11, 167-171.	1.8	118
12	Tracking target and distractor processing in fixed-feature visual search: Evidence from human electrophysiology.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 1713-1730.	0.7	114
13	Sounds Activate Visual Cortex and Improve Visual Discrimination. <i>Journal of Neuroscience</i> , 2014, 34, 9817-9824.	1.7	112
14	From local inhibition to long-range integration: A functional dissociation of alpha-band synchronization across cortical scales in visuospatial attention. <i>Brain Research</i> , 2009, 1303, 97-110.	1.1	107
15	Spatial relevance determines facilitatory and inhibitory effects of auditory covert spatial orienting.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1999, 25, 1234-1252.	0.7	94
16	Electrical Neuroimaging Reveals Timing of Attentional Control Activity in Human Brain. <i>PLoS Biology</i> , 2008, 6, e81.	2.6	94
17	On asymmetries in cross-modal spatial attention orienting. <i>Perception &amp; Psychophysics</i> , 2000, 62, 1258-1264.	2.3	90
18	On the electrophysiological evidence for the capture of visual attention.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 849-860.	0.7	86

#	ARTICLE	IF	CITATIONS
19	Salient Sounds Activate Human Visual Cortex Automatically. <i>Journal of Neuroscience</i> , 2013, 33, 9194-9201.	1.7	82
20	Involuntary orienting of attention to a sound desynchronizes the occipital alpha rhythm and improves visual perception. <i>NeuroImage</i> , 2017, 150, 318-328.	2.1	53
21	Lateralized frontal activity elicited by attention-directing visual and auditory cues. <i>Psychophysiology</i> , 2008, 45, 579-587.	1.2	51
22	Inhibition of Return in the Covert Deployment of Attention: Evidence from Human Electrophysiology. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 725-733.	1.1	46
23	Control mechanisms mediating shifts of attention in auditory and visual space: a spatio-temporal ERP analysis. <i>Experimental Brain Research</i> , 2005, 166, 358-369.	0.7	45
24	An event-related potential study of supramodal attentional control and crossmodal attention effects. <i>Psychophysiology</i> , 2006, 43, 161-171.	1.2	44
25	Contralateral cortical organisation of information in visual short-term memory: Evidence from lateralized brain activity during retrieval. <i>Neuropsychologia</i> , 2012, 50, 1748-1758.	0.7	44
26	Cross-modal orienting of visual attention. <i>Neuropsychologia</i> , 2016, 83, 170-178.	0.7	43
27	Salient, Irrelevant Sounds Reflexively Induce Alpha Rhythm Desynchronization in Parallel with Slow Potential Shifts in Visual Cortex. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 433-445.	1.1	35
28	Electrophysiological evidence for the "missing link" in crossmodal attention.. <i>Canadian Journal of Experimental Psychology</i> , 2001, 55, 141-149.	0.7	33
29	Isolating event-related potential components associated with voluntary control of visuo-spatial attention. <i>Brain Research</i> , 2008, 1227, 96-109.	1.1	29
30	Signal enhancement, not active suppression, follows the contingent capture of visual attention.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017, 43, 219-224.	0.7	24
31	High Level of Trait Anxiety Leads to Salience-Driven Distraction and Compensation. <i>Psychological Science</i> , 2018, 29, 2020-2030.	1.8	24
32	The role of temporal predictability in the anticipatory biasing of sensory cortex during visuospatial shifts of attention. <i>Psychophysiology</i> , 2010, 47, no-no.	1.2	18
33	Electrophysiological correlates of visual singleton detection. <i>Psychophysiology</i> , 2019, 56, e13375.	1.2	18
34	The attentional blink freezes spatial attention allocation to targets, not distractors: Evidence from human electrophysiology. <i>Brain Research</i> , 2014, 1559, 33-45.	1.1	17
35	Searching for Inefficiency in Visual Search. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 46-56.	1.1	17
36	Tracking the voluntary control of auditory spatial attention with event-related brain potentials. <i>Psychophysiology</i> , 2009, 46, 357-366.	1.2	16

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37	When cross-modal spatial attention fails.. Canadian Journal of Experimental Psychology, 2008, 62, 192-197.	0.7	15
38	Recoiling From Threat: Anxiety Is Related to Heightened Suppression of Threat, Not Increased Attention to Threat. Clinical Psychological Science, 2021, 9, 434-448.	2.4	15
39	Proactive and Reactive Processes in the Medial Frontal Cortex: An Electrophysiological Study. PLoS ONE, 2014, 9, e84351.	1.1	14
40	Electrophysiological evidence of an attentional bias in crossmodal inhibition of return. Neuropsychologia, 2018, 114, 11-18.	0.7	14
41	Semantic and affective processing in psychopaths: An event-related potential (ERP) study. , 1999, 36, 765.		13
42	Involuntary orienting of attention to sight or sound relies on similar neural biasing mechanisms in early visual processing. Neuropsychologia, 2019, 132, 107122.	0.7	11
43	Dynamic inhibitory control prevents salience-driven capture of visual attention.. Journal of Experimental Psychology: Human Perception and Performance, 2022, 48, 37-51.	0.7	8
44	Circadian misalignment impairs ability to suppress visual distractions. Psychophysiology, 2020, 57, e13485.	1.2	5
45	Individual differences in rate of encoding predict estimates of visual short-term memory capacity (K).. Canadian Journal of Experimental Psychology, 2015, 69, 213-220.	0.7	4
46	Cross-Modal Spatial Cueing of Attention Influences Visual Perception. Frontiers in Neuroscience, 2011, , 509-528.	0.0	4
47	Cross-Modal Spatial Cueing of Attention Influences Visual Perception. Frontiers in Neuroscience, 2011, , 509-528.	0.0	3
48	Involuntary Cross-Modal Spatial Attention Influences Visual Perception. , 2014, , 82-94.		3
49	Learning what matters: A neural explanation for the sparsity bias. International Journal of Psychophysiology, 2018, 127, 62-72.	0.5	3
50	Diversion of Attention Leads to Conflict between Concurrently Attended Stimuli, Not Delayed Orienting to the Object of Interest. Journal of Cognitive Neuroscience, 2021, , 1-17.	1.1	2
51	Isolating the neural substrates of visually guided attention orienting in humans. Journal of Neuroscience, 2022, , JN-RM-0205-22.	1.7	2
52	Salience drives overt selection of two equally relevant visual targets. Attention, Perception, and Psychophysics, 2018, 80, 1342-1349.	0.7	1
53	From alternation to repetition: Spatial attention biases contribute to sequential effects in a choice reaction-time task. Cognitive Neuroscience, 2020, 11, 24-36.	0.6	0
54	Salient Distractors cannot be suppressed during the attentional blink. Journal of Vision, 2017, 17, 1199.	0.1	0

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55	Involuntary orienting to visual and auditory stimuli elicits similar biasing mechanisms in early visual cortex to facilitate target processing. <i>Journal of Vision</i> , 2018, 18, 1262.	0.1	0