

Brian A Anderson

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

4,367
citations

147801

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h-index

118850

62
g-index

88
all docs

88
docs citations

88
times ranked

2086
citing authors

#	ARTICLE	IF	CITATIONS
1	Value-driven attentional capture. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10367-10371.	7.1	857
2	The attention habit: how reward learning shapes attentional selection. Annals of the New York Academy of Sciences, 2016, 1369, 24-39.	3.8	286
3	Learned Value Magnifies Saliency-Based Attentional Capture. PLoS ONE, 2011, 6, e27926.	2.5	229
4	A value-driven mechanism of attentional selection. Journal of Vision, 2013, 13, 7-7.	0.3	227
5	Persistence of value-driven attentional capture.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 6-9.	0.9	163
6	Value-driven attentional and oculomotor capture during goal-directed, unconstrained viewing. Attention, Perception, and Psychophysics, 2012, 74, 1644-1653.	1.3	149
7	Value-driven attentional priority signals in human basal ganglia and visual cortex. Brain Research, 2014, 1587, 88-96.	2.2	134
8	Attentional bias for nondrug reward is magnified in addiction.. Experimental and Clinical Psychopharmacology, 2013, 21, 499-506.	1.8	113
9	Generalization of value-based attentional priority. Visual Cognition, 2012, 20, 647-658.	1.6	103
10	The Role of Dopamine in Value-Based Attentional Orienting. Current Biology, 2016, 26, 550-555.	3.9	96
11	Reward predictions bias attentional selection. Frontiers in Human Neuroscience, 2013, 7, 262.	2.0	88
12	Target-uncertainty effects in attentional capture: Color-singleton set or multiple attentional control settings?. Psychonomic Bulletin and Review, 2010, 17, 421-426.	2.8	78
13	The role of reward prediction in the control of attention.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1654-1664.	0.9	78
14	Variations in the magnitude of attentional capture: Testing a two-process model. Attention, Perception, and Psychophysics, 2010, 72, 342-352.	1.3	73
15	Value-driven attentional priority is context specific. Psychonomic Bulletin and Review, 2015, 22, 750-756.	2.8	73
16	Neurobiology of value-driven attention. Current Opinion in Psychology, 2019, 29, 27-33.	4.9	65
17	Reward processing in the value-driven attention network: reward signals tracking cue identity and location. Social Cognitive and Affective Neuroscience, 2017, 12, 461-467.	3.0	64
18	What is abnormal about addiction-related attentional biases?. Drug and Alcohol Dependence, 2016, 167, 8-14.	3.2	63

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19	On the value-dependence of value-driven attentional capture. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 1001-1011.	1.3	61
20	The attribution of value-based attentional priority in individuals with depressive symptoms. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 1221-1227.	2.0	57
21	Dissociable Effects of Salience on Attention and Goal-Directed Action. <i>Current Biology</i> , 2015, 25, 2040-2046.	3.9	53
22	Social reward shapes attentional biases. <i>Cognitive Neuroscience</i> , 2016, 7, 30-36.	1.4	53
23	Neural Basis of Cognitive Control over Movement Inhibition: Human fMRI and Primate Electrophysiology Evidence. <i>Neuron</i> , 2017, 96, 1447-1458.e6.	8.1	53
24	The past, present, and future of selection history. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 326-350.	6.1	53
25	Dissociating location-specific inhibition and attention shifts: Evidence against the disengagement account of contingent capture. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 1183-1198.	1.3	48
26	Linking dopaminergic reward signals to the development of attentional bias: A positron emission tomographic study. <i>NeuroImage</i> , 2017, 157, 27-33.	4.2	46
27	Dissociable Components of Experience-Driven Attention. <i>Current Biology</i> , 2019, 29, 841-845.e2.	3.9	46
28	On the automaticity of attentional orienting to threatening stimuli.. <i>Emotion</i> , 2020, 20, 1109-1112.	1.8	46
29	On the relationship between value-driven and stimulus-driven attentional capture. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 607-613.	1.3	42
30	Specificity and persistence of statistical learning in distractor suppression.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2020, 46, 324-334.	0.9	37
31	Value-driven attentional capture is modulated by spatial context. <i>Visual Cognition</i> , 2015, 23, 67-81.	1.6	35
32	Mechanisms of habitual approach: Failure to suppress irrelevant responses evoked by previously reward-associated stimuli.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 796-805.	2.1	35
33	Value-driven attentional capture in the auditory domain. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 242-250.	1.3	35
34	Reward, attention, and HIV-related risk in HIV+ individuals. <i>Neurobiology of Disease</i> , 2016, 92, 157-165.	4.4	34
35	On the distinction between value-driven attention and selection history: Evidence from individuals with depressive symptoms. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 1636-1642.	2.8	33
36	Valuable orientations capture attention. <i>Visual Cognition</i> , 2015, 23, 133-146.	1.6	32

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37	Mechanisms of value-learning in the guidance of spatial attention. <i>Cognition</i> , 2018, 178, 26-36.	2.2	31
38	Dissociable neural mechanisms underlie value-driven and selection-driven attentional capture. <i>Brain Research</i> , 2019, 1708, 109-115.	2.2	30
39	Test-retest reliability of value-driven attentional capture. <i>Behavior Research Methods</i> , 2019, 51, 720-726.	4.0	28
40	Going for It. <i>Current Directions in Psychological Science</i> , 2017, 26, 140-145.	5.3	24
41	Controlled information processing, automaticity, and the burden of proof. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 1814-1823.	2.8	23
42	Threat reduces value-driven but not salience-driven attentional capture.. <i>Emotion</i> , 2020, 20, 874-889.	1.8	23
43	How does the attention system learn from aversive outcomes?. <i>Emotion</i> , 2021, 21, 898-903.	1.8	21
44	Reduced Value-Driven Attentional Capture Among Children with ADHD Compared to Typically Developing Controls. <i>Journal of Abnormal Child Psychology</i> , 2018, 46, 1187-1200.	3.5	20
45	The influence of threat on the efficiency of goal-directed attentional control. <i>Psychological Research</i> , 2021, 85, 980-986.	1.7	20
46	Motivated suppression of value- and threat-modulated attentional capture.. <i>Emotion</i> , 2022, 22, 780-794.	1.8	20
47	Counterintuitive effects of negative social feedback on attention. <i>Cognition and Emotion</i> , 2017, 31, 590-597.	2.0	18
48	Learned states of preparatory attentional control.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 1790-1805.	0.9	17
49	Semantic generalization of value-based attentional priority. <i>Learning and Memory</i> , 2019, 26, 460-464.	1.3	17
50	Conditional Automaticity in Response Selection. <i>Psychological Science</i> , 2014, 25, 547-554.	3.3	16
51	Selection history in context: Evidence for the role of reinforcement learning in biasing attention. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 2666-2672.	1.3	16
52	Neural correlates of attentional capture by stimuli previously associated with social reward. <i>Cognitive Neuroscience</i> , 2020, 11, 5-15.	1.4	16
53	On the precision of goal-directed attentional selection.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 1755-1762.	0.9	15
54	Neural mechanisms of goal-contingent task disengagement: Response-irrelevant stimuli activate the default mode network. <i>Cortex</i> , 2016, 81, 221-230.	2.4	15

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55	On the representational nature of value-driven spatial attentional biases. <i>Journal of Neurophysiology</i> , 2018, 120, 2654-2658.	1.8	15
56	Combined influence of valence and statistical learning on the control of attention: Evidence for independent sources of bias. <i>Cognition</i> , 2021, 208, 104554.	2.2	15
57	Neural evidence for automatic value-modulated approach behaviour. <i>NeuroImage</i> , 2019, 189, 150-158.	4.2	14
58	Reward learning biases the direction of saccades. <i>Cognition</i> , 2020, 196, 104145.	2.2	14
59	Contingent involuntary motoric inhibition: The involuntary inhibition of a motor response contingent on top-down goals.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2012, 38, 1348-1352.	0.9	13
60	Punishment-modulated attentional capture is context specific.. <i>Motivation Science</i> , 2021, 7, 165-175.	1.6	13
61	Arousal-Biased Competition Explains Reduced Distraction by Reward Cues under Threat. <i>ENeuro</i> , 2020, 7, ENEURO.0099-20.2020.	1.9	13
62	Time to stop calling it attentional "capture" and embrace a mechanistic understanding of attentional priority. <i>Visual Cognition</i> , 2021, 29, 537-540.	1.6	12
63	Motivational Salience Guides Attention to Valuable and Threatening Stimuli: Evidence from Behavior and Functional Magnetic Resonance Imaging. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 2440-2460.	2.3	12
64	Inertia in value-driven attention. <i>Learning and Memory</i> , 2020, 27, 488-492.	1.3	11
65	Attentional avoidance of threatening stimuli. <i>Psychological Research</i> , 2021, 85, 82-90.	1.7	11
66	The influence of threat and aversive motivation on conflict processing in the Stroop task. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 2802-2813.	1.3	10
67	Relating value-driven attention to psychopathology. <i>Current Opinion in Psychology</i> , 2021, 39, 48-54.	4.9	10
68	Previously reward-associated sounds interfere with goal-directed auditory processing. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 1257-1263.	1.1	10
69	The effect of concurrent reward on aversive information processing in the brain. <i>NeuroImage</i> , 2020, 217, 116890.	4.2	8
70	Relating Attentional Biases for Stimuli Associated with Social Reward and Punishment to Autistic Traits. <i>Collabra: Psychology</i> , 2018, 4, .	1.8	8
71	Systemic effects of selection history on learned ignoring. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 1347-1354.	2.8	8
72	On the feature specificity of value-driven attention. <i>PLoS ONE</i> , 2017, 12, e0177491.	2.5	7

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73	Selection history-driven signal suppression. <i>Visual Cognition</i> , 2020, 28, 112-118.	1.6	7
74	Oculomotor feedback rapidly reduces overt attentional capture. <i>Cognition</i> , 2021, 217, 104917.	2.2	7
75	Reinforcement learning modulates the stability of cognitive control settings for object selection. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 95.	2.1	6
76	The influence of reward history on goal-directed visual search. <i>Attention, Perception, and Psychophysics</i> , 2022, 84, 325-331.	1.3	6
77	Density of available striatal dopamine receptors predicts trait impulsiveness during performance of an attention-demanding task. <i>Journal of Neurophysiology</i> , 2017, 118, 64-68.	1.8	5
78	Measuring attention to reward as an individual trait: the value-driven attention questionnaire (VDAQ). <i>Psychological Research</i> , 2020, 84, 2122-2137.	1.7	5
79	Selection history is relative. <i>Vision Research</i> , 2020, 175, 23-31.	1.4	5
80	Semantic generalization of punishment-related attentional priority. <i>Visual Cognition</i> , 2021, 29, 310-317.	1.6	5
81	Using aversive conditioning with near-real-time feedback to shape eye movements during naturalistic viewing. <i>Behavior Research Methods</i> , 2021, 53, 993-1002.	4.0	4
82	Value-Biased Competition in the Auditory System of the Brain. <i>Journal of Cognitive Neuroscience</i> , 2021, 34, 180-191.	2.3	3
83	Bicyclist-evoked arousal and greater attention to bicyclists independently promote safer driving. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 66.	2.0	1
84	Introduction to the special issue. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 1819-1821.	1.3	0
85	Learning Mechanisms Underlying Value-Driven Attention. <i>Journal of Vision</i> , 2017, 17, 1101.	0.3	0
86	How Does Threat Modulate the Motivational Effects of Reward on Attention?. <i>Experimental Psychology</i> , 2021, 68, 165-172.	0.7	0