

Justin A Harris

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

4,416
citations

134610

34
h-index

134545

62
g-index

131
all docs

131
docs citations

131
times ranked

4829
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the time-span of conditioning affect spontaneous recovery after extinction?. Behavioural Processes, 2022, 196, 104601.	0.5	0
2	Delaying extinction weakens the partial reinforcement extinction effect.. Journal of Experimental Psychology Animal Learning and Cognition, 2022, 48, 321-335.	0.3	0
3	The learning curve, revisited.. Journal of Experimental Psychology Animal Learning and Cognition, 2022, 48, 265-280.	0.3	2
4	Motor cortex dysfunction in problem gamblers. Addiction Biology, 2021, 26, e12871.	1.4	8
5	Expected TMS excites the motor system less effectively than unexpected stimulation. NeuroImage, 2021, 226, 117541.	2.1	14
6	Beyond Rescorlaâ€Wagner: the Ups and Downs of Learning. Computational Brain & Behavior, 2021, 4, 355-379.	0.9	0
7	Working memory load reduces corticospinal suppression to former go and trained no-go cues. Scientific Reports, 2021, 11, 11544.	1.6	3
8	Binding identity and orientation in object recognition. Attention, Perception, and Psychophysics, 2020, 82, 153-167.	0.7	4
9	Linking cortical and behavioural inhibition: Testing the parameter specificity of a transcranial magnetic stimulation protocol. Brain Stimulation, 2020, 13, 1381-1383.	0.7	11
10	Stop Signal Task Training Strengthens GABA-mediated Neurotransmission within the Primary Motor Cortex. Journal of Cognitive Neuroscience, 2020, 32, 1984-2000.	1.1	15
11	Pavlovian conditioning under partial reinforcement: The effects of nonreinforced trials versus cumulative conditioned stimulus duration.. Journal of Experimental Psychology Animal Learning and Cognition, 2020, 46, 256-272.	0.3	6
12	Contralateral and Ipsilateral Relationships between Intracortical Inhibition and Stopping Efficiency. Neuroscience, 2019, 415, 10-17.	1.1	16
13	Associatively-Mediated Suppression of Corticospinal Excitability: A Transcranial Magnetic Stimulation (TMS) Study. Neuroscience, 2019, 416, 1-8.	1.1	6
14	Hierarchical and Nonlinear Dynamics in Prefrontal Cortex Regulate the Precision of Perceptual Beliefs. Frontiers in Neural Circuits, 2019, 13, 27.	1.4	0
15	Motor Memory: Revealing Conditioned Action Tendencies Using Transcranial Magnetic Stimulation. Journal of Cognitive Neuroscience, 2019, 31, 1343-1353.	1.1	11
16	Individual differences in intracortical inhibition during behavioural inhibition. Neuropsychologia, 2019, 124, 55-65.	0.7	35
17	The partial reinforcement extinction effect: The proportion of trials reinforced during conditioning predicts the number of trials to extinction.. Journal of Experimental Psychology Animal Learning and Cognition, 2019, 45, 43-58.	0.3	18
18	The partial reinforcement extinction effect depends on learning about nonreinforced trials rather than reinforcement rate.. Journal of Experimental Psychology Animal Learning and Cognition, 2019, 45, 485-501.	0.3	6

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19	The importance of trials.. Journal of Experimental Psychology Animal Learning and Cognition, 2019, 45, 390-404.	0.3	6
20	The partial-reinforcement extinction effect does not result from reduced sensitivity to nonreinforcement.. Journal of Experimental Psychology Animal Learning and Cognition, 2019, 45, 185-202.	0.3	1
21	Variations in response control within at-risk gamblers and non-gambling controls explained by GABAergic inhibition in the motor cortex. Cortex, 2018, 103, 153-163.	1.1	24
22	Motor-evoked potentials reveal functional differences between dominant and non-dominant motor cortices during response preparation. Cortex, 2018, 103, 1-12.	1.1	30
23	Unmasking latent inhibition in humans. Quarterly Journal of Experimental Psychology, 2018, 71, 380-395.	0.6	2
24	The probability of reinforcement per trial affects posttrial responding and subsequent extinction but not within-trial responding.. Journal of Experimental Psychology Animal Learning and Cognition, 2018, 44, 23-35.	0.3	6
25	Associations or repetitions? Testing the basis of the Perruchet effect in voluntary response speed.. Journal of Experimental Psychology: Learning Memory and Cognition, 2018, 44, 1971-1985.	0.7	2
26	Summation Effects in Human Learning: Evidence from Patterning Discriminations in Goal-Tracking. Quarterly Journal of Experimental Psychology, 2017, 70, 1366-1379.	0.6	9
27	Pathological Gambling and Motor Impulsivity: A Systematic Review with Meta-Analysis. Journal of Gambling Studies, 2017, 33, 1213-1239.	1.1	89
28	Extinction of Pavlovian conditioning: The influence of trial number and reinforcement history. Behavioural Processes, 2017, 141, 19-25.	0.5	16
29	Timing of interfering events in one-trial serial overshadowing of a taste aversion. Learning and Behavior, 2017, 45, 124-134.	0.5	3
30	Superior ambiguous occasion setting with visual than temporal feature stimuli.. Journal of Experimental Psychology Animal Learning and Cognition, 2017, 43, 72-87.	0.3	5
31	Time, trials, and extinction.. Journal of Experimental Psychology Animal Learning and Cognition, 2017, 43, 15-29.	0.3	11
32	Asymmetry between excitatory and inhibitory learning.. Journal of Experimental Psychology Animal Learning and Cognition, 2016, 42, 297-312.	0.3	0
33	Changes in the distribution of response rates across the CS-US interval: Evidence that responding switches between two distinct states.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 217-231.	0.3	7
34	Testing the limits of the Perruchet effect in choice response time tasks.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 385-394.	0.3	7
35	Pavlovian conditioning and cumulative reinforcement rate.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 137-151.	0.3	17
36	Temporal distributions of schedule-induced licks, magazine entries, and lever presses on fixed- and variable-time schedules.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 52-68.	0.3	2

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37	Low Intensity TMS Enhances Perception of Visual Stimuli. <i>Brain Stimulation</i> , 2015, 8, 1175-1182.	0.7	20
38	Conditioned inhibition and reinforcement rate.. <i>Journal of Experimental Psychology Animal Learning and Cognition</i> , 2014, 40, 335-354.	0.3	7
39	Benzodiazepine administration prevents the use of error-correction mechanisms during fear extinction. <i>Learning and Behavior</i> , 2014, 42, 383-397.	0.5	4
40	Single tactile afferents outperform human subjects in a vibrotactile intensity discrimination task. <i>Journal of Neurophysiology</i> , 2014, 112, 2382-2387.	0.9	6
41	Benzodiazepine treatment can impair or spare extinction, depending on when it is given. <i>Behaviour Research and Therapy</i> , 2014, 56, 22-29.	1.6	24
42	Modelling non-invasive brain stimulation in cognitive neuroscience. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1702-1712.	2.9	432
43	Magazine approach during a signal for food depends on Pavlovian, not instrumental, conditioning.. <i>Journal of Experimental Psychology</i> , 2013, 39, 107-116.	1.9	26
44	The influence of prior experience and expected timing on vibrotactile discrimination. <i>Frontiers in Neuroscience</i> , 2013, 7, 255.	1.4	12
45	Brain-Stimulation Induced Blindsight: Unconscious Vision or Response Bias?. <i>PLoS ONE</i> , 2013, 8, e82828.	1.1	28
46	Evidence for a social function of the anterior temporal lobes: Low-frequency rTMS reduces implicit gender stereotypes. <i>Social Neuroscience</i> , 2012, 7, 90-104.	0.7	15
47	The content of compound conditioning.. <i>Journal of Experimental Psychology</i> , 2012, 38, 157-166.	1.9	5
48	Normalization between stimulus elements in a model of Pavlovian conditioning: Showjumping on an elemental horse. <i>Learning and Behavior</i> , 2012, 40, 334-346.	0.5	16
49	Prior and Present Evidence: How Prior Experience Interacts with Present Information in a Perceptual Decision Making Task. <i>PLoS ONE</i> , 2012, 7, e37580.	1.1	18
50	Improving Visual Sensitivity with Subthreshold Transcranial Magnetic Stimulation. <i>Journal of Neuroscience</i> , 2011, 31, 3290-3294.	1.7	56
51	Accurate and Rapid Estimation of Phosphene Thresholds (REPT). <i>PLoS ONE</i> , 2011, 6, e22342.	1.1	33
52	Pre-exposure enhances recovery of conditioned responding after extinction. <i>Learning and Behavior</i> , 2011, 39, 212-223.	0.5	2
53	Can expectancies produce placebo effects for implicit learning?. <i>Psychonomic Bulletin and Review</i> , 2011, 18, 399-405.	1.4	44
54	The influence of body-ownership cues on tactile sensitivity. <i>Cognitive Neuroscience</i> , 2011, 2, 147-154.	0.6	24

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55	Summation of reinforcement rates when conditioned stimuli are presented in compound.. Journal of Experimental Psychology, 2011, 37, 385-393.	1.9	14
56	Response rates track the history of reinforcement times.. Journal of Experimental Psychology, 2011, 37, 277-286.	1.9	22
57	The acquisition of conditioned responding.. Journal of Experimental Psychology, 2011, 37, 151-164.	1.9	24
58	Comparing learned predictiveness effects within and across compound discriminations.. Journal of Experimental Psychology, 2011, 37, 446-465.	1.9	15
59	Response rate and reinforcement rate in Pavlovian conditioning.. Journal of Experimental Psychology, 2011, 37, 375-384.	1.9	26
60	Comparing positive and negative patterning in human learning. Quarterly Journal of Experimental Psychology, 2011, 64, 2316-2333.	0.6	12
61	The effect of TMS on visual motion sensitivity: an increase in neural noise or a decrease in signal strength?. Journal of Neurophysiology, 2011, 106, 138-143.	0.9	22
62	An attention-modulated associative network. Learning and Behavior, 2010, 38, 1-26.	0.5	30
63	Systemic or intra-amygdala infusion of the benzodiazepine, midazolam, impairs learning, but facilitates re-learning to inhibit fear responses in extinction. Learning and Memory, 2010, 17, 210-220.	0.5	23
64	Correlated physiological and perceptual effects of noise in a tactile stimulus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7981-7986.	3.3	24
65	Is there room for simple links in a propositional mind?. Behavioral and Brain Sciences, 2009, 32, 212-213.	0.4	2
66	Systemic or intra-amygdala injection of a benzodiazepine (midazolam) impairs extinction but spares re-extinction of conditioned fear responses. Learning and Memory, 2009, 16, 53-61.	0.5	51
67	Representations of single and compound stimuli in negative and positive patterning. Learning and Behavior, 2009, 37, 230-245.	0.5	13
68	A learned flavor preference persists despite the extinction of conditioned hedonic reactions to the cue flavors. Learning and Behavior, 2009, 37, 305-310.	0.5	28
69	Attentional changes during implicit learning: Signal validity protects a target stimulus from the attentional blink.. Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 408-422.	0.7	30
70	The loss of latent inhibition across compound conditioning.. Journal of Experimental Psychology, 2009, 35, 328-339.	1.9	2
71	Getting technical about awareness. Trends in Cognitive Sciences, 2008, 12, 54-58.	4.0	54
72	A good bet to measure awareness?. Trends in Cognitive Sciences, 2008, 12, 210.	4.0	6

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73	What are flexible representations?. Behavioural Processes, 2008, 77, 437-439.	0.5	8
74	Short Article: Acquired Flavour Preferences: Contextual Control of Adaptation-Level Effects. Quarterly Journal of Experimental Psychology, 2008, 61, 227-231.	0.6	8
75	Vision Merges With Touch in a Purely Tactile Discrimination. Psychological Science, 2008, 19, 635-641.	1.8	34
76	The Functional Effect of Transcranial Magnetic Stimulation: Signal Suppression or Neural Noise Generation?. Journal of Cognitive Neuroscience, 2008, 20, 734-740.	1.1	97
77	How the associative strengths of stimuli combine in compound: Summation and overshadowing.. Journal of Experimental Psychology, 2008, 34, 155-166.	1.9	29
78	Changes in cue associability across training in human causal learning.. Journal of Experimental Psychology, 2008, 34, 423-436.	1.9	5
79	Negative patterning is easier than a biconditional discrimination.. Journal of Experimental Psychology, 2008, 34, 494-500.	1.9	36
80	Comparing patterning and biconditional discriminations in humans.. Journal of Experimental Psychology, 2008, 34, 144-154.	1.9	28
81	Expression of flavor preference depends on type of test and on recent drinking history.. Journal of Experimental Psychology, 2007, 33, 327-338.	1.9	10
82	Noninformative Vision Causes Adaptive Changes in Tactile Sensitivity. Journal of Neuroscience, 2007, 27, 7136-7140.	1.7	37
83	Elemental representations of stimuli in associative learning.. Psychological Review, 2006, 113, 584-605.	2.7	149
84	Localization of Tactile Stimuli Depends on Conscious Detection. Journal of Neuroscience, 2006, 26, 948-952.	1.7	14
85	Factors Affecting Frequency Discrimination of Vibrotactile Stimuli: Implications for Cortical Encoding. PLoS ONE, 2006, 1, e100.	1.1	38
86	Psychophysical investigations into cortical encoding of vibrotactile stimuli. Novartis Foundation Symposium, 2006, 270, 238-45; discussion 246-50, 285-92.	1.2	4
87	Interactions between conditioned and unconditioned flavor preferences.. Journal of Experimental Psychology, 2005, 31, 407-417.	1.9	23
88	Contextual Modulation outside of Awareness. Current Biology, 2005, 15, 574-578.	1.8	40
89	Dissociating Detection from Localization of Tactile Stimuli. Journal of Neuroscience, 2004, 24, 3683-3693.	1.7	25
90	Persistence of Preference for a Flavor Presented in Simultaneous Compound With Sucrose.. Journal of Experimental Psychology, 2004, 30, 177-189.	1.9	50

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91	Investigations into the organization of information in sensory cortex. <i>Journal of Physiology (Paris)</i> , 2003, 97, 529-536.	2.1	19
92	Reinstatement of fear to an extinguished conditioned stimulus: Two roles for context.. <i>Journal of Experimental Psychology</i> , 2002, 28, 97-110.	1.9	95
93	Transient Storage of a Tactile Memory Trace in Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2002, 22, 8720-8725.	1.7	270
94	Mental-rotation deficits following damage to the right basal ganglia.. <i>Neuropsychology</i> , 2002, 16, 524-537.	1.0	38
95	Reinstatement of fear to an extinguished conditioned stimulus: two roles for context. <i>Journal of Experimental Psychology</i> , 2002, 28, 97-110.	1.9	46
96	Mental-rotation deficits following damage to the right basal ganglia. <i>Neuropsychology</i> , 2002, 16, 524-37.	1.0	23
97	The Cortical Distribution of Sensory Memories. <i>Neuron</i> , 2001, 30, 315-318.	3.8	40
98	The Topography of Tactile Learning in Humans. <i>Journal of Neuroscience</i> , 2001, 21, 1056-1061.	1.7	98
99	The Topography of Tactile Working Memory. <i>Journal of Neuroscience</i> , 2001, 21, 8262-8269.	1.7	106
100	Contextual control over the expression of fear in rats conditioned under a benzodiazepine. <i>Psychopharmacology</i> , 2001, 156, 92-97.	1.5	30
101	Object Orientation Agnosia: A Failure to Find the Axis?. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 800-812.	1.1	73
102	Motivational state regulates the content of learned flavor preferences.. <i>Journal of Experimental Psychology</i> , 2000, 26, 15-30.	1.9	44
103	Contextual control over conditioned responding in a latent inhibition paradigm.. <i>Journal of Experimental Psychology</i> , 2000, 26, 157-173.	1.9	68
104	Contextual control over conditioned responding in an extinction paradigm.. <i>Journal of Experimental Psychology</i> , 2000, 26, 174-185.	1.9	105
105	Ipsilateral and contralateral transfer of tactile learning. <i>NeuroReport</i> , 2000, 11, 263-266.	0.6	41
106	Distribution of tactile learning and its neural basis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 7587-7591.	3.3	101
107	Learning through maps: Functional significance of topographic organization in primary sensory cortex. <i>Journal of Neurobiology</i> , 1999, 41, 64-68.	3.7	44
108	The benzodiazepine midazolam does not impair Pavlovian fear conditioning but regulates when and where fear is expressed.. <i>Journal of Experimental Psychology</i> , 1999, 25, 236-246.	1.9	11

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109	Retroactive revaluation of an odor-taste association. Learning and Behavior, 1998, 26, 326-335.	3.4	19
110	Evidence that GABA transmission mediates context-specific extinction of learned fear. Psychopharmacology, 1998, 140, 105-115.	1.5	156
111	Using c-fos as a Neural Marker of Pain. Brain Research Bulletin, 1998, 45, 1-8.	1.4	433
112	Benzodiazepine-induced amnesia in rats: Reinstatement of conditioned performance by noxious stimulation on test.. Behavioral Neuroscience, 1998, 112, 183-192.	0.6	37
113	Conditioned fear to context is associated with increased Fos expression in the caudal ventrolateral region of the midbrain periaqueductal gray.. Neuroscience, 1997, 78, 165-177.	1.1	144
114	Midazolam impairs the acquisition of conditioned analgesia if rats are tested with an acute but not a chronic noxious stimulus. Brain Research Bulletin, 1996, 39, 227-233.	1.4	26
115	Diencephalic Asymmetries. Neuroscience and Biobehavioral Reviews, 1996, 20, 637-643.	2.9	54
116	Sleep fragmentation, and changes in locomotor activity and body temperature in trypanosome-infected rats. Brain Research Bulletin, 1995, 37, 123-129.	1.4	39
117	Effects of midazolam and naloxone in rats tested for sensitivity/reactivity to formalin pain in a familiar, novel or aversively conditioned environment. Psychopharmacology, 1994, 115, 65-72.	1.5	37
118	Low and high doses of midazolam differentially affect hypoalgesia in rats conditioned to a heat stressor. Psychopharmacology, 1993, 111, 62-68.	1.5	14
119	The arguments of associations. , 0, , 53-70.		4
120	Psychophysical Investigations into Cortical Encoding of Vibrotactile Stimuli. Novartis Foundation Symposium, 0, , 238-250.	1.2	4