# Justin A Harris

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 120 papers | 4,416 citations | 117619 34 h-index | 118840 62 g-index |
| 131 all docs | 131 docs citations | 131 times ranked | 4278 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Does the time-span of conditioning affect spontaneous recovery after extinction?. Behavioural Processes, 2022, 196, 104601. | 1.1 | 0 |
| 2 | Delaying extinction weakens the partial reinforcement extinction effect.. Journal of Experimental Psychology Animal Learning and Cognition, 2022, 48, 321-335. | 0.5 | 0 |
| 3 | The learning curve, revisited.. Journal of Experimental Psychology Animal Learning and Cognition, 2022, 48, 265-280. | 0.5 | 2 |
| 4 | Motor cortex dysfunction in problem gamblers. Addiction Biology, 2021, 26, e12871. | 2.6 | 8 |
| 5 | Expected TMS excites the motor system less effectively than unexpected stimulation. NeuroImage, 2021, 226, 117541. | 4.2 | 14 |
| 6 | Beyond Rescorlaâ€“Wagner: the Ups and Downs of Learning. Computational Brain & Behavior, 2021, 4, 355-379. | 1.7 | 0 |
| 7 | Working memory load reduces corticospinal suppression to former go and trained no-go cues. Scientific Reports, 2021, 11, 11544. | 3.3 | 3 |
| 8 | Binding identity and orientation in object recognition. Attention, Perception, and Psychophysics, 2020, 82, 153-167. | 1.3 | 4 |
| 9 | Linking cortical and behavioural inhibition: Testing the parameter specificity of a transcranial magnetic stimulation protocol. Brain Stimulation, 2020, 13, 1381-1383. | 1.6 | 11 |
| 10 | Stop Signal Task Training Strengthens GABA-mediated Neurotransmission within the Primary Motor Cortex. Journal of Cognitive Neuroscience, 2020, 32, 1984-2000. | 2.3 | 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. | 0.5 | 6 |
| 12 | Contralateral and Ipsilateral Relationships between Intracortical Inhibition and Stopping Efficiency. Neuroscience, 2019, 415, 10-17. | 2.3 | 16 |
| 13 | Associatively-Mediated Suppression of Corticospinal Excitability: A Transcranial Magnetic Stimulation (TMS) Study. Neuroscience, 2019, 416, 1-8. | 2.3 | 6 |
| 14 | Hierarchical and Nonlinear Dynamics in Prefrontal Cortex Regulate the Precision of Perceptual Beliefs. Frontiers in Neural Circuits, 2019, 13, 27. | 2.8 | 0 |
| 15 | Motor Memory: Revealing Conditioned Action Tendencies Using Transcranial Magnetic Stimulation. Journal of Cognitive Neuroscience, 2019, 31, 1343-1353. | 2.3 | 11 |
| 16 | Individual differences in intracortical inhibition during behavioural inhibition. Neuropsychologia, 2019, 124, 55-65. | 1.6 | 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. | 0.5 | 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. | 0.5 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The importance of trials.. Journal of Experimental Psychology Animal Learning and Cognition, 2019, 45, 390-404. | 0.5 | 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. | 0.5 | 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. | 2.4 | 24 |
| 22 | Motor-evoked potentials reveal functional differences between dominant and non-dominant motor cortices during response preparation. Cortex, 2018, 103, 1-12. | 2.4 | 30 |
| 23 | Unmasking latent inhibition in humans. Quarterly Journal of Experimental Psychology, 2018, 71, 380-395. | 1.1 | 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. | 0.5 | 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. | 0.9 | 2 |
| 26 | Summation Effects in Human Learning: Evidence from Patterning Discriminations in Goal-Tracking. Quarterly Journal of Experimental Psychology, 2017, 70, 1366-1379. | 1.1 | 9 |
| 27 | Pathological Gambling and Motor Impulsivity: A Systematic Review with Meta-Analysis. Journal of Gambling Studies, 2017, 33, 1213-1239. | 1.6 | 89 |
| 28 | Extinction of Pavlovian conditioning: The influence of trial number and reinforcement history. Behavioural Processes, 2017, 141, 19-25. | 1.1 | 16 |
| 29 | Timing of interfering events in one-trial serial overshadowing of a taste aversion. Learning and Behavior, 2017, 45, 124-134. | 1.0 | 3 |
| 30 | Superior ambiguous occasion setting with visual than temporal feature stimuli.. Journal of Experimental Psychology Animal Learning and Cognition, 2017, 43, 72-87. | 0.5 | 5 |
| 31 | Time, trials, and extinction.. Journal of Experimental Psychology Animal Learning and Cognition, 2017, 43, 15-29. | 0.5 | 11 |
| 32 | Asymmetry between excitatory and inhibitory learning.. Journal of Experimental Psychology Animal Learning and Cognition, 2016, 42, 297-312. | 0.5 | 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. | 0.5 | 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. | 0.5 | 7 |
| 35 | Pavlovian conditioning and cumulative reinforcement rate.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 137-151. | 0.5 | 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. | 0.5 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Low Intensity TMS Enhances Perception of Visual Stimuli. Brain Stimulation, 2015, 8, 1175-1182. | 1.6 | 20 |
| 38 | Conditioned inhibition and reinforcement rate.. Journal of Experimental Psychology Animal Learning and Cognition, 2014, 40, 335-354. | 0.5 | 7 |
| 39 | Benzodiazepine administration prevents the use of error-correction mechanisms during fear extinction. Learning and Behavior, 2014, 42, 383-397. | 1.0 | 4 |
| 40 | Single tactile afferents outperform human subjects in a vibrotactile intensity discrimination task. Journal of Neurophysiology, 2014, 112, 2382-2387. | 1.8 | 6 |
| 41 | Benzodiazepine treatment can impair or spare extinction, depending on when it is given. Behaviour Research and Therapy, 2014, 56, 22-29. | 3.1 | 24 |
| 42 | Modelling non-invasive brain stimulation in cognitive neuroscience. Neuroscience and Biobehavioral Reviews, 2013, 37, 1702-1712. | 6.1 | 432 |
| 43 | Magazine approach during a signal for food depends on Pavlovian, not instrumental, conditioning.. Journal of Experimental Psychology, 2013, 39, 107-116. | 1.7 | 26 |
| 44 | The influence of prior experience and expected timing on vibrotactile discrimination. Frontiers in Neuroscience, 2013, 7, 255. | 2.8 | 12 |
| 45 | Brain-Stimulation Induced Blindsight: Unconscious Vision or Response Bias?. PLoS ONE, 2013, 8, e82828. | 2.5 | 28 |
| 46 | Evidence for a social function of the anterior temporal lobes: Low-frequency rTMS reduces implicit gender stereotypes. Social Neuroscience, 2012, 7, 90-104. | 1.3 | 15 |
| 47 | The content of compound conditioning.. Journal of Experimental Psychology, 2012, 38, 157-166. | 1.7 | 5 |
| 48 | Normalization between stimulus elements in a model of Pavlovian conditioning: Showjumping on an elemental horse. Learning and Behavior, 2012, 40, 334-346. | 1.0 | 16 |
| 49 | Prior and Present Evidence: How Prior Experience Interacts with Present Information in a Perceptual Decision Making Task. PLoS ONE, 2012, 7, e37580. | 2.5 | 18 |
| 50 | Improving Visual Sensitivity with Subthreshold Transcranial Magnetic Stimulation. Journal of Neuroscience, 2011, 31, 3290-3294. | 3.6 | 56 |
| 51 | Accurate and Rapid Estimation of Phosphene Thresholds (REPT). PLoS ONE, 2011, 6, e22342. | 2.5 | 33 |
| 52 | Pre-exposure enhances recovery of conditioned responding after extinction. Learning and Behavior, 2011, 39, 212-223. | 1.0 | 2 |
| 53 | Can expectancies produce placebo effects for implicit learning?. Psychonomic Bulletin and Review, 2011, 18, 399-405. | 2.8 | 44 |
| 54 | The influence of body-ownership cues on tactile sensitivity. Cognitive Neuroscience, 2011, 2, 147-154. | 1.4 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Summation of reinforcement rates when conditioned stimuli are presented in compound.. Journal of Experimental Psychology, 2011, 37, 385-393. | 1.7 | 14 |
| 56 | Response rates track the history of reinforcement times.. Journal of Experimental Psychology, 2011, 37, 277-286. | 1.7 | 22 |
| 57 | The acquisition of conditioned responding.. Journal of Experimental Psychology, 2011, 37, 151-164. | 1.7 | 24 |
| 58 | Comparing learned predictiveness effects within and across compound discriminations.. Journal of Experimental Psychology, 2011, 37, 446-465. | 1.7 | 15 |
| 59 | Response rate and reinforcement rate in Pavlovian conditioning.. Journal of Experimental Psychology, 2011, 37, 375-384. | 1.7 | 26 |
| 60 | Comparing positive and negative patterning in human learning. Quarterly Journal of Experimental Psychology, 2011, 64, 2316-2333. | 1.1 | 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. | 1.8 | 22 |
| 62 | An attention-modulated associative network. Learning and Behavior, 2010, 38, 1-26. | 1.0 | 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. | 1.3 | 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. | 7.1 | 24 |
| 65 | Is there room for simple links in a propositional mind?. Behavioral and Brain Sciences, 2009, 32, 212-213. | 0.7 | 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. | 1.3 | 51 |
| 67 | Representations of single and compound stimuli in negative and positive patterning. Learning and Behavior, 2009, 37, 230-245. | 1.0 | 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. | 1.0 | 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. | 0.9 | 30 |
| 70 | The loss of latent inhibition across compound conditioning.. Journal of Experimental Psychology, 2009, 35, 328-339. | 1.7 | 2 |
| 71 | Getting technical about awareness. Trends in Cognitive Sciences, 2008, 12, 54-58. | 7.8 | 54 |
| 72 | A good bet to measure awareness?. Trends in Cognitive Sciences, 2008, 12, 210. | 7.8 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | What are flexible representations?. Behavioural Processes, 2008, 77, 437-439. | 1.1 | 8 |
| 74 | Short Article: Acquired Flavour Preferences: Contextual Control of Adaptation-Level Effects. Quarterly Journal of Experimental Psychology, 2008, 61, 227-231. | 1.1 | 8 |
| 75 | Vision Merges With Touch in a Purely Tactile Discrimination. Psychological Science, 2008, 19, 635-641. | 3.3 | 34 |
| 76 | The Functional Effect of Transcranial Magnetic Stimulation: Signal Suppression or Neural Noise Generation?. Journal of Cognitive Neuroscience, 2008, 20, 734-740. | 2.3 | 97 |
| 77 | How the associative strengths of stimuli combine in compound: Summation and overshadowing.. Journal of Experimental Psychology, 2008, 34, 155-166. | 1.7 | 29 |
| 78 | Changes in cue associability across training in human causal learning.. Journal of Experimental Psychology, 2008, 34, 423-436. | 1.7 | 5 |
| 79 | Negative patterning is easier than a biconditional discrimination.. Journal of Experimental Psychology, 2008, 34, 494-500. | 1.7 | 36 |
| 80 | Comparing patterning and biconditional discriminations in humans.. Journal of Experimental Psychology, 2008, 34, 144-154. | 1.7 | 28 |
| 81 | Expression of flavor preference depends on type of test and on recent drinking history.. Journal of Experimental Psychology, 2007, 33, 327-338. | 1.7 | 10 |
| 82 | Noninformative Vision Causes Adaptive Changes in Tactile Sensitivity. Journal of Neuroscience, 2007, 27, 7136-7140. | 3.6 | 37 |
| 83 | Elemental representations of stimuli in associative learning.. Psychological Review, 2006, 113, 584-605. | 3.8 | 149 |
| 84 | Localization of Tactile Stimuli Depends on Conscious Detection. Journal of Neuroscience, 2006, 26, 948-952. | 3.6 | 14 |
| 85 | Factors Affecting Frequency Discrimination of Vibrotactile Stimuli: Implications for Cortical Encoding. PLoS ONE, 2006, 1, e100. | 2.5 | 38 |
| 86 | Psychophysical investigations into cortical encoding of vibrotactile stimuli. Novartis Foundation Symposium, 2006, 270, 238-45; discussion 246-50, 285-92. | 1.1 | 4 |
| 87 | Interactions between conditioned and unconditioned flavor preferences.. Journal of Experimental Psychology, 2005, 31, 407-417. | 1.7 | 23 |
| 88 | Contextual Modulation outside of Awareness. Current Biology, 2005, 15, 574-578. | 3.9 | 40 |
| 89 | Dissociating Detection from Localization of Tactile Stimuli. Journal of Neuroscience, 2004, 24, 3683-3693. | 3.6 | 25 |
| 90 | Persistence of Preference for a Flavor Presented in Simultaneous Compound With Sucrose.. Journal of Experimental Psychology, 2004, 30, 177-189. | 1.7 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Investigations into the organization of information in sensory cortex. Journal of Physiology (Paris), 2003, 97, 529-536. | 2.1 | 19 |
| 92 | Reinstatement of fear to an extinguished conditioned stimulus: Two roles for context.. Journal of Experimental Psychology, 2002, 28, 97-110. | 1.7 | 95 |
| 93 | Transient Storage of a Tactile Memory Trace in Primary Somatosensory Cortex. Journal of Neuroscience, 2002, 22, 8720-8725. | 3.6 | 270 |
| 94 | Mental-rotation deficits following damage to the right basal ganglia.. Neuropsychology, 2002, 16, 524-537. | 1.3 | 38 |
| 95 | Reinstatement of fear to an extinguished conditioned stimulus: two roles for context. Journal of Experimental Psychology, 2002, 28, 97-110. | 1.7 | 46 |
| 96 | Mental-rotation deficits following damage to the right basal ganglia.. Neuropsychology, 2002, 16, 524-537. | 1.3 | 23 |
| 97 | The Cortical Distribution of Sensory Memories. Neuron, 2001, 30, 315-318. | 8.1 | 40 |
| 98 | The Topography of Tactile Learning in Humans. Journal of Neuroscience, 2001, 21, 1056-1061. | 3.6 | 98 |
| 99 | The Topography of Tactile Working Memory. Journal of Neuroscience, 2001, 21, 8262-8269. | 3.6 | 106 |
| 100 | Contextual control over the expression of fear in rats conditioned under a benzodiazepine. Psychopharmacology, 2001, 156, 92-97. | 3.1 | 30 |
| 101 | Object Orientation Agnosia: A Failure to Find the Axis?. Journal of Cognitive Neuroscience, 2001, 13, 800-812. | 2.3 | 73 |
| 102 | Motivational state regulates the content of learned flavor preferences.. Journal of Experimental Psychology, 2000, 26, 15-30. | 1.7 | 44 |
| 103 | Contextual control over conditioned responding in a latent inhibition paradigm.. Journal of Experimental Psychology, 2000, 26, 157-173. | 1.7 | 68 |
| 104 | Contextual control over conditioned responding in an extinction paradigm.. Journal of Experimental Psychology, 2000, 26, 174-185. | 1.7 | 105 |
| 105 | Ipsilateral and contralateral transfer of tactile learning. NeuroReport, 2000, 11, 263-266. | 1.2 | 41 |
| 106 | Distribution of tactile learning and its neural basis. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7587-7591. | 7.1 | 101 |
| 107 | Learning through maps: Functional significance of topographic organization in primary sensory cortex. Journal of Neurobiology, 1999, 41, 64-68. | 3.6 | 44 |
| 108 | The benzodiazepine midazolam does not impair Pavlovian fear conditioning but regulates when and where fear is expressed.. Journal of Experimental Psychology, 1999, 25, 236-246. | 1.7 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 3.1 | 156 |
| 111 | Using c-fos as a Neural Marker of Pain. Brain Research Bulletin, 1998, 45, 1-8. | 3.0 | 433 |
| 112 | Benzodiazepine-induced amnesia in rats: Reinstatement of conditioned performance by noxious stimulation on test.. Behavioral Neuroscience, 1998, 112, 183-192. | 1.2 | 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. | 2.3 | 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. | 3.0 | 26 |
| 115 | Diencephalic Asymmetries. Neuroscience and Biobehavioral Reviews, 1996, 20, 637-643. | 6.1 | 54 |
| 116 | Sleep fragmentation, and changes in locomotor activity and body temperature in trypanosome-infected rats. Brain Research Bulletin, 1995, 37, 123-129. | 3.0 | 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. | 3.1 | 37 |
| 118 | Low and high doses of midazolam differentially affect hypoalgesia in rats conditioned to a heat stressor. Psychopharmacology, 1993, 111, 62-68. | 3.1 | 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. | 1.1 | 4 |