# Michael S Fanselow

## List of Publications by Year in Descending Order



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| 226 papers | 24,589 citations | 76 h-index | 155 g-index |
| 270 ext. papers | 27,409 ext. citations | 5.8 avg, IF | 7.27 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 226 | Anxiety, fear, panic: An approach to assessing the defensive behavior system across the predatory imminence continuum.. *Learning and Behavior*, **2022**, 1 | 1.3 | 0 |
| 225 | CPP impairs contextual learning at concentrations below those that block pyramidal neuron NMDARs and LTP in the CA1 region of the hippocampus. *Neuropharmacology*, **2022**, 202, 108846 | 5.5 | 0 |
| 224 | The effect of stress and reward on encoding future fear memories. *Behavioural Brain Research*, **2022**, 417, 113587 | 3.4 | 0 |
| 223 | The Evolution of Memory as an Immediate Perceptual Identification Mechanism **2022**, 285-301 | | |
| 222 | Pre-treatment hippocampal functioning impacts context renewal for cholinergic modulated exposure therapy. *Biological Psychology*, **2021**, 165, 108167 | 3.2 | 0 |
| 221 | Pavlovian occasion setting in human fear and appetitive conditioning: Effects of trait anxiety and trait depression. *Behaviour Research and Therapy*, **2021**, 147, 103986 | 5.2 | 1 |
| 220 | Sexually dimorphic muscarinic acetylcholine receptor modulation of contextual fear learning in the dentate gyrus. *Neurobiology of Learning and Memory*, **2021**, 185, 107528 | 3.1 | 0 |
| 219 | Engram Size Varies with Learning and Reflects Memory Content and Precision. *Journal of Neuroscience*, **2021**, 41, 4120-4130 | 6.6 | 0 |
| 218 | Connectivity characterization of the mouse basolateral amygdalar complex. *Nature Communications* , **2021**, 12, 2859 | 17.4 | 9 |
| 217 | Post-stress glucose consumption facilitates hormesis and resilience to severe stress. *Stress*, **2021**, 24, 645-651 | 3 | |
| 216 | Extinction and discrimination in a Bayesian model of context fear conditioning (BaconX). *Hippocampus*, **2021**, 31, 790-814 | 3.5 | 5 |
| 215 | A Basomedial Amygdala to Intercalated Cells Microcircuit Expressing PACAP and Its Receptor PAC1 Regulates Contextual Fear. *Journal of Neuroscience*, **2021**, 41, 3446-3461 | 6.6 | 7 |
| 214 | Alpha-synuclein pathology, microgliosis, and parvalbumin neuron loss in the amygdala associated with enhanced fear in the Thy1-aSyn model of Parkinson's disease. *Neurobiology of Disease*, **2021**, 158, 105478 | 7.5 | 0 |
| 213 | Impact of stress resilience and susceptibility on fear learning, anxiety, and alcohol intake. *Neurobiology of Stress*, **2021**, 15, 100335 | 7.6 | 1 |
| 212 | Region-Dependent Modulation of Neural Plasticity in Limbic Structures Early after Traumatic Brain Injury. *Neurotrauma Reports*, **2021**, 2, 200-213 | 1.6 | 0 |
| 211 | Maladaptive Properties of Context-Impoverished Memories. *Current Biology*, **2020**, 30, 2300-2311.e6 | 6.3 | 12 |
| 210 | Exposure Therapy for Post-Traumatic Stress Disorder: Factors of Limited Success and Possible Alternative Treatment. *Brain Sciences*, **2020**, 10, | 3.4 | 6 |

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| 209 | The role of the ventromedial prefrontal cortex and context in regulating fear learning and extinction. *Psychology and Neuroscience*, **2020**, 13, 459-472 | 1.9 | 2 |
| 208 | Chronic opioid pretreatment potentiates the sensitization of fear learning by trauma. *Neuropsychopharmacology*, **2020**, 45, 482-490 | 8.7 | 5 |
| 207 | Sex Differences in Behavioral Sensitivities After Traumatic Brain Injury. *Frontiers in Neurology*, **2020**, 11, 553190 | 4.1 | 2 |
| 206 | Long-Term Characterization of Hippocampal Remapping during Contextual Fear Acquisition and Extinction. *Journal of Neuroscience*, **2020**, 40, 8329-8342 | 6.6 | 11 |
| 205 | Sensory sensitivity as a link between concussive traumatic brain injury and PTSD. *Scientific Reports*, **2019**, 9, 13841 | 4.9 | 11 |
| 204 | Dissociation in Effective Treatment and Behavioral Phenotype Between Stress-Enhanced Fear Learning and Learned Helplessness. *Frontiers in Behavioral Neuroscience*, **2019**, 13, 104 | 3.5 | 5 |
| 203 | Cholinergic Modulation of Exposure Disrupts Hippocampal Processes and Augments Extinction: Proof-of-Concept Study With Social Anxiety Disorder. *Biological Psychiatry*, **2019**, 86, 703-711 | 7.9 | 10 |
| 202 | Hyperactivity with Disrupted Attention by Activation of an Astrocyte Synaptogenic Cue. *Cell*, **2019**, 177, 1280-1292.e20 | 56.2 | 109 |
| 201 | Cholinergic Signaling Alters Stress-Induced Sensitization of Hippocampal Contextual Learning. *Frontiers in Neuroscience*, **2019**, 13, 251 | 5.1 | 5 |
| 200 | Post-Stress Fructose and Glucose Ingestion Exhibit Dissociable Behavioral and Physiological Effects. *Nutrients*, **2019**, 11, | 6.7 | 2 |
| 199 | Timing and the transition between modes in the defensive behavior system. *Behavioural Processes*, **2019**, 166, 103890 | 1.6 | 11 |
| 198 | Interactions between the hippocampus, prefrontal cortex, and amygdala support complex learning and memory. *F1000Research*, **2019**, 8, | 3.6 | 28 |
| 197 | Pair-housing rats does not protect from behavioral consequences of an acute traumatic experience. *Behavioral Neuroscience*, **2019**, 133, 232-239 | 2.1 | 1 |
| 196 | Emotion, motivation and function. *Current Opinion in Behavioral Sciences*, **2018**, 19, 105-109 | 4 | 15 |
| 195 | The Role of Learning in Threat Imminence and Defensive Behaviors. *Current Opinion in Behavioral Sciences*, **2018**, 24, 44-49 | 4 | 25 |
| 194 | Building physiological toughness: Some aversive events during extinction may attenuate return of fear. *Journal of Behavior Therapy and Experimental Psychiatry*, **2018**, 58, 18-28 | 2.6 | 17 |
| 193 | A return to the psychiatric dark ages with a two-system framework for fear. *Behaviour Research and Therapy*, **2018**, 100, 24-29 | 5.2 | 44 |
| 192 | Stress-Enhanced Fear Learning, a Robust Rodent Model of Post-Traumatic Stress Disorder. *Journal of Visualized Experiments*, **2018**, | 1.6 | 11 |

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| 191 | Indirect Targeting of Subsuperficial Brain Structures With Transcranial Magnetic Stimulation Reveals a Promising Way Forward in the Treatment of Fear. *Biological Psychiatry*, **2018**, 84, 80-81 | 7.9 | 1 |
| 190 | Pathways towards the proliferation of avoidance in anxiety and implications for treatment. *Behaviour Research and Therapy*, **2017**, 96, 3-13 | 5.2 | 31 |
| 189 | α* Nicotinic acetylcholine receptors influence hippocampus-dependent learning and memory in adolescent mice. *Learning and Memory*, **2017**, 24, 231-244 | 2.8 | 8 |
| 188 | Optogenetic excitation of cholinergic inputs to hippocampus primes future contextual fear associations. *Scientific Reports*, **2017**, 7, 2333 | 4.9 | 16 |
| 187 | The Danger of LeDoux and Pine's Two-System Framework for Fear. *American Journal of Psychiatry*, **2017**, 174, 1120-1121 | 11.9 | 33 |
| 186 | Impaired extinction of cued fear memory and abnormal dendritic morphology in the prelimbic and infralimbic cortices in VPAC2 receptor (VIPR2)-deficient mice. *Neurobiology of Learning and Memory* , **2017**, 145, 222-231 | 3.1 | 11 |
| 185 | Neurobiology of Fear Memory **2017**, 487-503 | | 1 |
| 184 | MicroRNA-mediated disruption of dendritogenesis during a critical period of development influences cognitive capacity later in life. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 9188-9193 | 11.5 | 11 |
| 183 | The ventromedial prefrontal cortex in a model of traumatic stress: fear inhibition or contextual processing?. *Learning and Memory*, **2017**, 24, 400-406 | 2.8 | 11 |
| 182 | Induction and Expression of Fear Sensitization Caused by Acute Traumatic Stress. *Neuropsychopharmacology*, **2016**, 41, 45-57 | 8.7 | 57 |
| 181 | Conditioning- and time-dependent increases in context fear and generalization. *Learning and Memory*, **2016**, 23, 379-85 | 2.8 | 51 |
| 180 | A Safe Haven: Investigating Social-Support Figures as Prepared Safety Stimuli. *Psychological Science* , **2016**, 27, 1051-60 | 7.9 | 42 |
| 179 | Retrieval and Reconsolidation Accounts of Fear Extinction. *Frontiers in Behavioral Neuroscience*, **2016**, 10, 89 | 3.5 | 17 |
| 178 | Learning history and cholinergic modulation in the dorsal hippocampus are necessary for rats to infer the status of a hidden event. *Hippocampus*, **2016**, 26, 804-15 | 3.5 | 3 |
| 177 | No effect of glucose administration in a novel contextual fear generalization protocol in rats. *Translational Psychiatry*, **2016**, 6, e903 | 8.6 | 9 |
| 176 | Graded fear generalization enhances the level of cfos-positive neurons specifically in the basolateral amygdala. *Journal of Neuroscience Research*, **2016**, 94, 1393-1399 | 4.4 | 17 |
| 175 | Reductions in synaptic proteins and selective alteration of prepulse inhibition in male C57BL/6 mice after postnatal administration of a VIP receptor (VIPR2) agonist. *Psychopharmacology*, **2015**, 232, 2181-9 | 4.7 | 17 |
| 174 | Neurobehavioral perspectives on the distinction between fear and anxiety. *Learning and Memory*, **2015**, 22, 417-25 | 2.8 | 168 |

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|---|---|---|---|
| 173 | Enrichment rescues contextual discrimination deficit associated with immediate shock. *Hippocampus*, **2015**, 25, 385-92 | 3.5 | 38 |
| 172 | The Origins and Organization of Vertebrate Pavlovian Conditioning. *Cold Spring Harbor Perspectives in Biology*, **2015**, 8, a021717 | 10.2 | 56 |
| 171 | A Bayesian context fear learning algorithm/automaton. *Frontiers in Behavioral Neuroscience*, **2015**, 9, 112 | 3.5 | 25 |
| 170 | Sensitization of fear learning to mild unconditional stimuli in male and female rats. *Behavioral Neuroscience*, **2015**, 129, 62-7 | 2.1 | 22 |
| 169 | Assigning Function to Adult-Born Neurons: A Theoretical Framework for Characterizing Neural Manipulation of Learning. *Frontiers in Systems Neuroscience*, **2015**, 9, 182 | 3.5 | 7 |
| 168 | Isomorphisms between psychological processes and neural mechanisms: from stimulus elements to genetic markers of activity. *Neurobiology of Learning and Memory*, **2014**, 108, 5-13 | 3.1 | 3 |
| 167 | The role of postnatal neurogenesis in supporting remote memory and spatial metric processing. *Hippocampus*, **2014**, 24, 1663-71 | 3.5 | 22 |
| 166 | The role of the GABA(A) receptor in ovarian cycle-linked changes in hippocampus-dependent learning and memory. *Neurochemical Research*, **2014**, 39, 1140-6 | 4.6 | 23 |
| 165 | Neuronal ensembles in amygdala, hippocampus, and prefrontal cortex track differential components of contextual fear. *Journal of Neuroscience*, **2014**, 34, 8462-6 | 6.6 | 137 |
| 164 | Pavlovian Fear Conditioning **2014**, 117-141 | | 7 |
| 163 | Fear and Memory: A View of the Hippocampus Through the Lens of the Amygdala **2014**, 465-496 | | 2 |
| 162 | Amnesia for early life stress does not preclude the adult development of posttraumatic stress disorder symptoms in rats. *Biological Psychiatry*, **2014**, 76, 306-14 | 7.9 | 47 |
| 161 | Fear and anxiety take a double hit from vagal nerve stimulation. *Biological Psychiatry*, **2013**, 73, 1043-4 | 7.9 | 14 |
| 160 | Impaired emotional learning and involvement of the corticotropin-releasing factor signaling system in patients with irritable bowel syndrome. *Gastroenterology*, **2013**, 145, 1253-61.e1-3 | 13.3 | 67 |
| 159 | Cholinergic blockade frees fear extinction from its contextual dependency. *Biological Psychiatry*, **2013**, 73, 345-52 | 7.9 | 53 |
| 158 | Prefrontal microcircuit underlies contextual learning after hippocampal loss. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 9938-43 | 11.5 | 111 |
| 157 | Stress increases voluntary alcohol intake, but does not alter established drinking habits in a rat model of posttraumatic stress disorder. *Alcoholism: Clinical and Experimental Research*, **2013**, 37, 566-74 | 3.7 | 65 |
| 156 | NMDA receptor hypofunction in the dentate gyrus and impaired context discrimination in adult Fmr1 knockout mice. *Hippocampus*, **2012**, 22, 241-54 | 3.5 | 77 |

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| 155 | Temporal factors control hippocampal contributions to fear renewal after extinction. *Hippocampus*, **2012**, 22, 1096-106 | 3.5 | 41 |
| 154 | Associative fear learning enhances sparse network coding in primary sensory cortex. *Neuron*, **2012**, 75, 121-32 | 13.9 | 76 |
| 153 | Concussive brain injury enhances fear learning and excitatory processes in the amygdala. *Biological Psychiatry*, **2012**, 71, 335-43 | 7.9 | 107 |
| 152 | Reinstatement of extinguished fear by an unextinguished conditional stimulus. *Frontiers in Behavioral Neuroscience*, **2012**, 6, 18 | 3.5 | 15 |
| 151 | Young dentate granule cells mediate pattern separation, whereas old granule cells facilitate pattern completion. *Cell*, **2012**, 149, 188-201 | 56.2 | 579 |
| 150 | Juvenile neurogenesis makes essential contributions to adult brain structure and plays a sex-dependent role in fear memories. *Frontiers in Behavioral Neuroscience*, **2012**, 6, 3 | 3.5 | 33 |
| 149 | Stress-enhanced fear learning in rats is resistant to the effects of immediate massed extinction. *Stress*, **2012**, 15, 627-36 | 3 | 33 |
| 148 | Contextual fear memories formed in the absence of the dorsal hippocampus decay across time. *Journal of Neuroscience*, **2012**, 32, 3393-7 | 6.6 | 53 |
| 147 | Electrical synapses control hippocampal contributions to fear learning and memory. *Science*, **2011**, 331, 87-91 | 33.3 | 98 |
| 146 | Selective knockdown of NMDA receptors in primary afferent neurons decreases pain during phase 2 of the formalin test. *Neuroscience*, **2011**, 172, 474-82 | 3.9 | 35 |
| 145 | Design of a neurally plausible model of fear learning. *Frontiers in Behavioral Neuroscience*, **2011**, 5, 41 | 3.5 | 30 |
| 144 | Behavioral pharmacogenetic analysis on the role of the α4 GABA(A) receptor subunit in the ethanol-mediated impairment of hippocampus-dependent contextual learning. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 1948-59 | 3.7 | 19 |
| 143 | Gamma-aminobutyric acid type A receptor β3 subunit forebrain-specific knockout mice are resistant to the amnestic effect of isoflurane. *Anesthesia and Analgesia*, **2011**, 113, 500-4 | 3.9 | 21 |
| 142 | Genetic dissection of an amygdala microcircuit that gates conditioned fear. *Nature*, **2010**, 468, 270-6 | 50.4 | 578 |
| 141 | Compensation in the neural circuitry of fear conditioning awakens learning circuits in the bed nuclei of the stria terminalis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 14881-6 | 11.5 | 62 |
| 140 | Amygdala transcriptome and cellular mechanisms underlying stress-enhanced fear learning in a rat model of posttraumatic stress disorder. *Neuropsychopharmacology*, **2010**, 35, 1402-11 | 8.7 | 83 |
| 139 | Are the dorsal and ventral hippocampus functionally distinct structures?. *Neuron*, **2010**, 65, 7-19 | 13.9 | 2005 |
| 138 | From contextual fear to a dynamic view of memory systems. *Trends in Cognitive Sciences*, **2010**, 14, 7-15 | 14 | 155 |

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| 137 | Opioid regulation of Pavlovian overshadowing in fear conditioning. *Behavioral Neuroscience*, **2010**, 124, 510-9 | 2.1 | 18 |
| 136 | Role of interleukin-1beta in postoperative cognitive dysfunction. *Annals of Neurology*, **2010**, 68, 360-8 | 9.4 | 484 |
| 135 | The accurate measurement of fear memory in Pavlovian conditioning: Resolving the baseline issue. *Journal of Neuroscience Methods*, **2010**, 190, 235-9 | 3 | 45 |
| 134 | A role for calcium-permeable AMPA receptors in synaptic plasticity and learning. *PLoS ONE*, **2010**, 5, e12818 | 3.7 | 78 |
| 133 | Persistence of fear memory across time requires the basolateral amygdala complex. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 11737-41 | 11.5 | 54 |
| 132 | Genomic-anatomic evidence for distinct functional domains in hippocampal field CA1. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 11794-9 | 11.5 | 232 |
| 131 | Post-training excitotoxic lesions of the dorsal hippocampus attenuate generalization in auditory delay fear conditioning. *European Journal of Neuroscience*, **2009**, 29, 1692-700 | 3.5 | 19 |
| 130 | Exposure to a stressor produces a long lasting enhancement of fear learning in rats. *Stress*, **2009**, 12, 125-33 | 3 | 107 |
| 129 | Pavlovian conditioning of multiple opioid-like responses in mice. *Drug and Alcohol Dependence*, **2009**, 103, 74-83 | 4.9 | 31 |
| 128 | Gamma-aminobutyric acid type A receptor alpha 4 subunit knockout mice are resistant to the amnestic effect of isoflurane. *Anesthesia and Analgesia*, **2009**, 109, 1816-22 | 3.9 | 34 |
| 127 | Isoflurane suppresses stress-enhanced fear learning in a rodent model of post-traumatic stress disorder. *Anesthesiology*, **2009**, 110, 487-95 | 4.3 | 23 |
| 126 | The alpha1 subunit of the GABA(A) receptor modulates fear learning and plasticity in the lateral amygdala. *Frontiers in Behavioral Neuroscience*, **2009**, 3, 37 | 3.5 | 34 |
| 125 | Behavioral differences among C57BL/6 substrains: implications for transgenic and knockout studies. *Journal of Neurogenetics*, **2008**, 22, 315-31 | 1.6 | 142 |
| 124 | Inverse temporal contributions of the dorsal hippocampus and medial prefrontal cortex to the expression of long-term fear memories. *Learning and Memory*, **2008**, 15, 368-72 | 2.8 | 111 |
| 123 | A high through-put reverse genetic screen identifies two genes involved in remote memory in mice. *PLoS ONE*, **2008**, 3, e2121 | 3.7 | 25 |
| 122 | Dorsal hippocampus involvement in delay fear conditioning depends upon the strength of the tone-footshock association. *Hippocampus*, **2008**, 18, 640-54 | 3.5 | 57 |
| 121 | Brief flight to a familiar enclosure in response to a conditional stimulus in rats. *Journal of General Psychology*, **2007**, 134, 153-72 | 1 | 13 |
| 120 | Dentate gyrus NMDA receptors mediate rapid pattern separation in the hippocampal network. *Science*, **2007**, 317, 94-9 | 33.3 | 704 |

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| 119 | Synapses, circuits, and the ontogeny of learning. *Developmental Psychobiology*, **2007**, 49, 649-63 | 3 | 15 |
| 118 | Morphine analgesic tolerance in 129P3/J and 129S6/SvEv mice. *Pharmacology Biochemistry and Behavior*, **2006**, 85, 769-79 | 3.9 | 10 |
| 117 | Long-term memory deficits in Pavlovian fear conditioning in Ca2+/calmodulin kinase kinase alpha-deficient mice. *Molecular and Cellular Biology*, **2006**, 26, 9105-15 | 4.8 | 37 |
| 116 | Context fear learning in the absence of the hippocampus. *Journal of Neuroscience*, **2006**, 26, 5484-91 | 6.6 | 264 |
| 115 | Immediate shock deficit in fear conditioning: effects of shock manipulations. *Behavioral Neuroscience*, **2006**, 120, 873-9 | 2.1 | 61 |
| 114 | The neuroscience of mammalian associative learning. *Annual Review of Psychology*, **2005**, 56, 207-34 | 26.1 | 544 |
| 113 | Deletion of the mu opioid receptor results in impaired acquisition of Pavlovian context fear. *Neurobiology of Learning and Memory*, **2005**, 84, 33-41 | 3.1 | 23 |
| 112 | Administration of epinephrine does not increase learning of fear to tone in rats anesthetized with isoflurane or desflurane. *Anesthesia and Analgesia*, **2005**, 100, 1333-1337 | 3.9 | 9 |
| 111 | The effect of three inhaled anesthetics in mice harboring mutations in the GluR6 (kainate) receptor gene. *Anesthesia and Analgesia*, **2005**, 101, 143-8, table of contents | 3.9 | 12 |
| 110 | Lesions of the dorsal hippocampus block trace fear conditioned potentiation of startle. *Behavioral Neuroscience*, **2005**, 119, 834-8 | 2.1 | 35 |
| 109 | Dorsal hippocampus involvement in trace fear conditioning with long, but not short, trace intervals in mice. *Behavioral Neuroscience*, **2005**, 119, 1396-402 | 2.1 | 130 |
| 108 | Bright light suppresses hyperactivity induced by excitotoxic dorsal hippocampus lesions in the rat. *Behavioral Neuroscience*, **2005**, 119, 1339-52 | 2.1 | 29 |
| 107 | Stress-induced enhancement of fear learning: an animal model of posttraumatic stress disorder. *Neuroscience and Biobehavioral Reviews*, **2005**, 29, 1207-23 | 9 | 303 |
| 106 | Modulation of an activity response with associative and nonassociative fear in the rat: a lighting differential influences the form of defensive behavior evoked after fear conditioning. *Learning and Behavior*, **2005**, 33, 454-63 | 1.3 | 13 |
| 105 | Dorsal hippocampus NMDA receptors differentially mediate trace and contextual fear conditioning. *Hippocampus*, **2005**, 15, 665-74 | 3.5 | 130 |
| 104 | Trace fear conditioning is enhanced in mice lacking the delta subunit of the GABAA receptor. *Learning and Memory*, **2005**, 12, 327-33 | 2.8 | 78 |
| 103 | Alpha 1 subunit-containing GABA type A receptors in forebrain contribute to the effect of inhaled anesthetics on conditioned fear. *Molecular Pharmacology*, **2005**, 68, 61-8 | 4.3 | 47 |
| 102 | The role of muscarinic and nicotinic cholinergic neurotransmission in aversive conditioning: comparing pavlovian fear conditioning and inhibitory avoidance. *Learning and Memory*, **2004**, 11, 35-42 | 2.8 | 72 |

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| 101 | Role of the basolateral amygdala in the storage of fear memories across the adult lifetime of rats. *Journal of Neuroscience*, **2004**, 24, 3810-5 | 6.6 | 316 |
| 100 | Light stimulus change evokes an activity response in the rat. *Learning and Behavior*, **2004**, 32, 299-310 | | 29 |
| 99 | NMDA receptor modulation of incidental learning in Pavlovian context conditioning. *Behavioral Neuroscience*, **2004**, 118, 253-7 | 2.1 | 44 |
| 98 | The amygdala, fear, and memory. *Annals of the New York Academy of Sciences*, **2003**, 985, 125-34 | 6.5 | 224 |
| 97 | Isoflurane antagonizes the capacity of flurothyl or 1,2-dichlorohexafluorocyclobutane to impair fear conditioning to context and tone. *Anesthesia and Analgesia*, **2003**, 96, 1010-1018 | 3.9 | 9 |
| 96 | Differential effects of adding and removing components of a context on the generalization of conditional freezing.. *Journal of Experimental Psychology*, **2003**, 29, 78-83 | | 27 |
| 95 | The place of the hippocampus in fear conditioning. *European Journal of Pharmacology*, **2003**, 463, 217-23 | 5.3 | 221 |
| 94 | Dissecting the components of the central response to stress. *Nature Neuroscience*, **2003**, 6, 1011-2 | 25.5 | 35 |
| 93 | NF-kappa B functions in synaptic signaling and behavior. *Nature Neuroscience*, **2003**, 6, 1072-8 | 25.5 | 568 |
| 92 | Trace but not delay fear conditioning requires attention and the anterior cingulate cortex. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 13087-92 | 11.5 | 229 |
| 91 | Pre-training prevents context fear conditioning deficits produced by hippocampal NMDA receptor blockade. *Neurobiology of Learning and Memory*, **2003**, 80, 123-9 | 3.1 | 64 |
| 90 | Differential effects of adding and removing components of a context on the generalization of conditional freezing. *Journal of Experimental Psychology*, **2003**, 29, 78-83 | | 21 |
| 89 | Post-training excitotoxic lesions of the dorsal hippocampus attenuate forward trace, backward trace, and delay fear conditioning in a temporally specific manner. *Hippocampus*, **2002**, 12, 495-504 | 3.5 | 150 |
| 88 | The hippocampus and Pavlovian fear conditioning: reply to Bast et al. *Hippocampus*, **2002**, 12, 561-5 | 3.5 | 27 |
| 87 | Short-term memory resists the depressant effect of the nonimmobilizer 1-2-dichlorohexafluorocyclobutane (2N) more than long-term memory. *Anesthesia and Analgesia*, **2002**, 94, 631-9; table of contents | 3.9 | 8 |
| 86 | Sex differences, context preexposure, and the immediate shock deficit in Pavlovian context conditioning with mice. *Behavioral Neuroscience*, **2001**, 115, 26-32 | 2.1 | 102 |
| 85 | Cholinergic modulation of pavlovian fear conditioning: effects of intrahippocampal scopolamine infusion. *Hippocampus*, **2001**, 11, 371-6 | 3.5 | 86 |
| 84 | Hippocampus and contextual fear conditioning: recent controversies and advances. *Hippocampus*, **2001**, 11, 8-17 | 3.5 | 514 |

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|---|---|---|---|
| 83 | Altered GABAA Receptor Subunit and Splice Variant Expression in Rats Treated With Chronic Intermittent Ethanol. *Alcoholism: Clinical and Experimental Research*, **2001**, 25, 819-828 | 3.7 | 41 |
| 82 | Body temperature as a conditional response measure for pavlovian fear conditioning. *Learning and Memory*, **2000**, 7, 353-6 | 2.8 | 21 |
| 81 | Contextual fear, gestalt memories, and the hippocampus. *Behavioural Brain Research*, **2000**, 110, 73-81 | 3.4 | 572 |
| 80 | Scopolamine and Pavlovian fear conditioning in rats: dose-effect analysis. *Neuropsychopharmacology*, **1999**, 21, 731-44 | 8.7 | 113 |
| 79 | Why we think plasticity underlying Pavlovian fear conditioning occurs in the basolateral amygdala. *Neuron*, **1999**, 23, 229-32 | 13.9 | 713 |
| 78 | Learning theory and neuropsychology: Configuring their disparate elements in the hippocampus.. *Journal of Experimental Psychology*, **1999**, 25, 275-283 | | 37 |
| 77 | Temporally graded retrograde amnesia of contextual fear after hippocampal damage in rats: within-subjects examination. *Journal of Neuroscience*, **1999**, 19, 1106-14 | 6.6 | 513 |
| 76 | Immediate-early gene expression in the amygdala following footshock stress and contextual fear conditioning. *Brain Research*, **1998**, 796, 132-42 | 3.7 | 161 |
| 75 | Testicular hormones do not regulate sexually dimorphic Pavlovian fear conditioning or perforant-path long-term potentiation in adult male rats. *Behavioural Brain Research*, **1998**, 92, 1-9 | 3.4 | 39 |
| 74 | The startled seahorse: is the hippocampus necessary for contextual fear conditioning?. *Trends in Cognitive Sciences*, **1998**, 2, 39-42 | 14 | 95 |
| 73 | The hippocampus, consolidation and on-line memory. *Current Opinion in Neurobiology*, **1998**, 8, 293-6 | 7.6 | 90 |
| 72 | Pavlovian conditioning, negative feedback, and blocking: mechanisms that regulate association formation. *Neuron*, **1998**, 20, 625-7 | 13.9 | 110 |
| 71 | Distinct regions of the periaqueductal gray are involved in the acquisition and expression of defensive responses. *Journal of Neuroscience*, **1998**, 18, 3426-32 | 6.6 | 197 |
| 70 | Electrolytic lesions of the fimbria/fornix, dorsal hippocampus, or entorhinal cortex produce anterograde deficits in contextual fear conditioning in rats. *Neurobiology of Learning and Memory*, **1997**, 67, 142-9 | 3.1 | 268 |
| 69 | Neurotoxic lesions of the dorsal hippocampus and Pavlovian fear conditioning in rats. *Behavioural Brain Research*, **1997**, 88, 261-74 | 3.4 | 608 |
| 68 | Without LTP the learning circuit is broken. *Behavioral and Brain Sciences*, **1997**, 20, 616-616 | 0.9 | 3 |
| 67 | The amygdala and fear conditioning: has the nut been cracked?. *Neuron*, **1996**, 16, 237-40 | 13.9 | 327 |
| 66 | Retrograde abolition of conditional fear after excitotoxic lesions in the basolateral amygdala of rats: Absence of a temporal gradient.. *Behavioral Neuroscience*, **1996**, 110, 718-726 | 2.1 | 244 |

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|---|---|---|---|
| 65 | N-methyl-D-aspartate receptors in the basolateral amygdala are required for both acquisition and expression of conditional fear in rats.. *Behavioral Neuroscience*, **1996**, 110, 1365-1374 | 2.1 | 332 |
| 64 | Effects of handling and context preexposure on the immediate shock deficit. *Learning and Behavior*, **1995**, 23, 335-339 | | 7 |
| 63 | Differential inflation with short and long CS-US intervals: Evidence of a nonassociative process in long-delay taste avoidance. *Learning and Behavior*, **1995**, 23, 154-163 | | 6 |
| 62 | Scopolamine selectively disrupts the acquisition of contextual fear conditioning in rats. *Neurobiology of Learning and Memory*, **1995**, 64, 191-4 | 3.1 | 81 |
| 61 | Ventral and dorsolateral regions of the midbrain periaqueductal gray (PAG) control different stages of defensive behavior: Dorsolateral PAG lesions enhance the defensive freezing produced by massed and immediate shock. *Aggressive Behavior*, **1995**, 21, 63-77 | 2.8 | 50 |
| 60 | Differential effects of the N-methyl-D-aspartate antagonist DL-2-amino-5-phosphonovalerate on acquisition of fear of auditory and contextual cues.. *Behavioral Neuroscience*, **1994**, 108, 235-240 | 2.1 | 130 |
| 59 | The immediate-shock deficit and postshock analgesia: Implications for the relationship between the analgesic CR and UR. *Learning and Behavior*, **1994**, 22, 72-76 | | 21 |
| 58 | Neural organization of the defensive behavior system responsible for fear. *Psychonomic Bulletin and Review*, **1994**, 1, 429-38 | 4.1 | 661 |
| 57 | Sex differences in hippocampal long-term potentiation (LTP) and Pavlovian fear conditioning in rats: positive correlation between LTP and contextual learning. *Brain Research*, **1994**, 661, 25-34 | 3.7 | 330 |
| 56 | Parallel augmentation of hippocampal long-term potentiation, theta rhythm, and contextual fear conditioning in water-deprived rats.. *Behavioral Neuroscience*, **1994**, 108, 44-56 | 2.1 | 95 |
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| 54 | Acquisition of contextual Pavlovian fear conditioning is blocked by application of an NMDA receptor antagonist D,L-2-amino-5-phosphonovaleric acid to the basolateral amygdala.. *Behavioral Neuroscience*, **1994**, 108, 210-212 | 2.1 | 355 |
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