

Kevin D Beck

List of Publications by Year in descending order

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66
papers

2,629
citations

236925

25
h-index

197818

49
g-index

66
all docs

66
docs citations

66
times ranked

2391
citing authors

#	ARTICLE	IF	CITATIONS
1	Estradiol Enhances Learning and Memory in a Spatial Memory Task and Effects Levels of Monoaminergic Neurotransmitters. <i>Hormones and Behavior</i> , 1998, 34, 149-162.	2.1	409
2	The gene encoding proline dehydrogenase modulates sensorimotor gating in mice. <i>Nature Genetics</i> , 1999, 21, 434-439.	21.4	282
3	Chronic stress effects on memory: sex differences in performance and monoaminergic activity. <i>Hormones and Behavior</i> , 2003, 43, 48-59.	2.1	253
4	Sex differences in behavioral and neurochemical profiles after chronic stress. <i>Physiology and Behavior</i> , 2002, 75, 661-673.	2.1	192
5	Food deprivation modulates chronic stress effects on object recognition in male rats: role of monoamines and amino acids. <i>Brain Research</i> , 1999, 830, 56-71.	2.2	120
6	Damage of GABAergic neurons in the medial septum impairs spatial working memory and extinction of active avoidance: Effects on proactive interference. <i>Hippocampus</i> , 2011, 21, 835-846.	1.9	81
7	Avoidance perseveration during extinction training in Wistar-Kyoto rats: An interaction of innate vulnerability and stressor intensity. <i>Behavioural Brain Research</i> , 2011, 221, 98-107.	2.2	59
8	Behaviorally inhibited temperament is associated with severity of post-traumatic stress disorder symptoms and faster eyeblink conditioning in veterans. <i>Stress</i> , 2012, 15, 31-44.	1.8	54
9	A stress-induced anxious state in male rats: Corticotropin-releasing hormone induces persistent changes in associative learning and startle reactivity. <i>Biological Psychiatry</i> , 2005, 57, 865-872.	1.3	52
10	Probabilistic reward- and punishment-based learning in opioid addiction: Experimental and computational data. <i>Behavioural Brain Research</i> , 2016, 296, 240-248.	2.2	51
11	Acquisition and Extinction of Human Avoidance Behavior: Attenuating Effect of Safety Signals and Associations with Anxiety Vulnerabilities. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 323.	2.0	50
12	Low doses of interleukin-1 β improve the leverpress avoidance performance of Sprague-Dawley rats. <i>Neurobiology of Learning and Memory</i> , 2003, 80, 168-171.	1.9	47
13	Behaviourally inhibited temperament and female sex, two vulnerability factors for anxiety disorders, facilitate conditioned avoidance (also) in humans. <i>Behavioural Processes</i> , 2014, 103, 228-235.	1.1	47
14	Vulnerability factors in anxiety determined through differences in active-avoidance behavior. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 852-860.	4.8	46
15	Learning to Obtain Reward, but Not Avoid Punishment, Is Affected by Presence of PTSD Symptoms in Male Veterans: Empirical Data and Computational Model. <i>PLoS ONE</i> , 2013, 8, e72508.	2.5	44
16	Anxiety vulnerability in women: A two-hit hypothesis. <i>Experimental Neurology</i> , 2014, 259, 75-80.	4.1	38
17	Vulnerability factors in anxiety: Strain and sex differences in the use of signals associated with non-threat during the acquisition and extinction of active-avoidance behavior. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1659-1670.	4.8	36
18	Facilitated acquisition of the classically conditioned eyeblink response in women taking oral contraceptives. <i>Behavioural Pharmacology</i> , 2008, 19, 821-828.	1.7	34

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19	Testing the role of reward and punishment sensitivity in avoidance behavior: A computational modeling approach. <i>Behavioural Brain Research</i> , 2015, 283, 121-138.	2.2	34
20	Stress Facilitates Acquisition of the Classically Conditioned Eyeblink Response at Both Long and Short Interstimulus Intervals. <i>Learning and Motivation</i> , 2001, 32, 178-192.	1.2	33
21	Evidence for sex-specific shifting of neural processes underlying learning and memory following stress. <i>Physiology and Behavior</i> , 2010, 99, 204-211.	2.1	31
22	Dysfunction in amygdalaâ€“prefrontal plasticity and extinction-resistant avoidance: A model for anxiety disorder vulnerability. <i>Experimental Neurology</i> , 2016, 275, 59-68.	4.1	31
23	Greater avoidance behavior in individuals with posttraumatic stress disorder symptoms. <i>Stress</i> , 2017, 20, 285-293.	1.8	31
24	Proinflammatory cytokines differentially affect leverpress avoidance acquisition in rats. <i>Behavioural Brain Research</i> , 2004, 153, 351-355.	2.2	28
25	Exaggerated Acquisition and Resistance to Extinction of Avoidance Behavior in Treated Heroin-Dependent Men. <i>Journal of Clinical Psychiatry</i> , 2016, 77, 386-394.	2.2	27
26	Learning and generalization from reward and punishment in opioid addiction. <i>Behavioural Brain Research</i> , 2017, 317, 122-131.	2.2	27
27	Classical and instrumental conditioning of eyeblink responses in Wistarâ€“Kyoto and Spragueâ€“Dawley rats. <i>Behavioural Brain Research</i> , 2011, 216, 414-418.	2.2	24
28	Facilitated acquisition of the classically conditioned eyeblink response in females is augmented in those taking oral contraceptives. <i>Behavioural Brain Research</i> , 2011, 216, 301-307.	2.2	22
29	Altered activity of the medial prefrontal cortex and amygdala during acquisition and extinction of an active avoidance task. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 249.	2.0	22
30	Deficient proactive interference of eyeblink conditioning in Wistar-Kyoto rats. <i>Behavioural Brain Research</i> , 2011, 216, 59-65.	2.2	21
31	Acquired Equivalence in U.S. Veterans With Symptoms of Posttraumatic Stress: Reexperiencing Symptoms Are Associated With Greater Generalization. <i>Journal of Traumatic Stress</i> , 2014, 27, 717-720.	1.8	21
32	Leverpress escape/avoidance conditioning in rats: Safety signal length and avoidance performance. <i>Integrative Psychological and Behavioral Science</i> , 2002, 38, 36-44.	0.3	20
33	Effects of stress on nonassociative learning processes in male and female rats. <i>Integrative Psychological and Behavioral Science</i> , 2002, 37, 128-139.	0.3	20
34	Facilitated acquisition of the classically conditioned eyeblink response in male rats after systemic IL-1 β . <i>Integrative Psychological and Behavioral Science</i> , 2003, 38, 169-178.	0.3	20
35	The Personality Trait of Intolerance to Uncertainty Affects Behavior in a Novel Computer-Based Conditioned Place Preference Task. <i>Frontiers in Psychology</i> , 2016, 7, 1175.	2.1	19
36	Use of the Exponential and Exponentiated Demand Equations to Assess the Behavioral Economics of Negative Reinforcement. <i>Frontiers in Neuroscience</i> , 2017, 11, 77.	2.8	19

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37	Progesterone and cocaine administration affect serotonin in the medial prefrontal cortex of ovariectomized rats. <i>Neuroscience Letters</i> , 2000, 291, 155-158.	2.1	17
38	Central Nervous System Effects from a Peripherally Acting Cholinesterase Inhibiting Agent: Interaction with Stress or Genetics. <i>Annals of the New York Academy of Sciences</i> , 2001, 933, 310-314.	3.8	17
39	Stress and cytokine effects on learning: What does sex have to do with it?. <i>Integrative Psychological and Behavioral Science</i> , 2003, 38, 179-188.	0.3	16
40	Stress interacts with peripheral cholinesterase inhibitors to cause central nervous system effects. <i>Life Sciences</i> , 2003, 73, 41-51.	4.3	16
41	Activation of extracellular signal-regulated kinase (ERK) and FosB in emotion-associated neural circuitry after asymptotic levels of active avoidance behavior are attained. <i>Brain Research Bulletin</i> , 2013, 98, 102-110.	3.0	16
42	Increased generalization of learned associations is related to re-experiencing symptoms in veterans with symptoms of post-traumatic stress. <i>Stress</i> , 2015, 18, 484-489.	1.8	16
43	Mild Interoceptive Stressors Affect Learning and Reactivity to Contextual Cues: Toward Understanding the Development of Unexplained Illnesses. <i>Neuropsychopharmacology</i> , 2005, 30, 1483-1491.	5.4	15
44	Estrus cycle stage modifies the presentation of stress-induced startle suppression in female Sprague-Dawley rats. <i>Physiology and Behavior</i> , 2008, 93, 1019-1023.	2.1	14
45	Avoidance as expectancy in rats: sex and strain differences in acquisition. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 334.	2.0	14
46	Inhibited Personality Temperaments Translated Through Enhanced Avoidance and Associative Learning Increase Vulnerability for PTSD. <i>Frontiers in Psychology</i> , 2019, 10, 496.	2.1	13
47	ITI-Signals and Prelimbic Cortex Facilitate Avoidance Acquisition and Reduce Avoidance Latencies, Respectively, in Male WKY Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 403.	2.0	12
48	Absence of "Warm-Up" during Active Avoidance Learning in a Rat Model of Anxiety Vulnerability: Insights from Computational Modeling. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 283.	2.0	11
49	Exposure to morphine-associated cues increases mu opioid receptor mRNA expression in the nucleus accumbens of Wistar Kyoto rats. <i>Behavioural Brain Research</i> , 2016, 313, 208-213.	2.2	11
50	Stress-induced increases in avoidance responding: an animal model of post-traumatic stress disorder behavior?. <i>Neuropsychiatric Disease and Treatment</i> , 2005, 1, 69-72.	2.2	11
51	Avoidance expression in rats as a function of signal-shock interval: strain and sex differences. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 168.	2.0	10
52	Stress-induced reductions of sensory reactivity in female rats depend on ovarian hormones and the application of a painful stressor. <i>Hormones and Behavior</i> , 2005, 47, 532-539.	2.1	9
53	Interleukin-1beta as a Mechanism for Stress-Induced Startle Suppression in Females. <i>Annals of the New York Academy of Sciences</i> , 2006, 1071, 534-537.	3.8	9
54	Paired-housing selectively facilitates within-session extinction of avoidance behavior, and increases c-Fos expression in the medial prefrontal cortex, in anxiety vulnerable Wistar-Kyoto rats. <i>Physiology and Behavior</i> , 2016, 164, 198-206.	2.1	9

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55	Post-traumatic stress disorder symptom burden and gender each affect generalization in a reward- and punishment-learning task. PLoS ONE, 2017, 12, e0172144.	2.5	9
56	Predator odor exposure facilitates acquisition of a leverpress avoidance response in rats. Neuropsychiatric Disease and Treatment, 2006, 2, 65-9.	2.2	7
57	Effects of Psychotropic Agents on Extinction of Lever-Press Avoidance in a Rat Model of Anxiety Vulnerability. Frontiers in Behavioral Neuroscience, 2014, 8, 322.	2.0	6
58	Pyridostigmine bromide, chlorpyrifos, and DEET combined Gulf War exposure insult depresses mitochondrial function in neuroblastoma cells. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22913.	3.0	6
59	Differential effects of progesterone and medroxyprogesterone on delay eyeblink conditioning in ovariectomized rats. Neurobiology of Learning and Memory, 2012, 97, 148-155.	1.9	5
60	Assessing learned associations between conditioned cocaine reward and environmental stimuli in the Wistar Kyoto rat. Pharmacology Biochemistry and Behavior, 2012, 103, 76-82.	2.9	5
61	Reward and punishment-based compound cue learning and generalization in opiate dependency. Experimental Brain Research, 2017, 235, 3153-3162.	1.5	3
62	Acute gene expression changes in the mouse hippocampus following a combined Gulf War toxicant exposure. Life Sciences, 2021, 284, 119845.	4.3	3
63	Using signals associated with safety in avoidance learning: computational model of sex differences. PeerJ, 2015, 3, e1081.	2.0	3
64	Cholinergic overstimulation supports conditioned-facilitated startle but not conditioned hyperalgesia. Pharmacology Biochemistry and Behavior, 2006, 84, 400-405.	2.9	1
65	Suppression through acoustics. , 2006, , .		0
66	Hormones and Memory. , 2017, , 445-462.		0