Jeansok J Kim

List of Publications by Year
in descending order

102 papers	14,300 citations	28274 55 h-index	33894 99 g-index
111 all docs	111 docs citations	111 times ranked	10635 citing authors

#	Article	IF	Citations
1	â€˜Fearful-placeâ€™ coding in the amygdala-hippocampal network. ELife, 2021, 10, .	6.0	6
2	A role of anterior cingulate cortex in the emergence of workerâ€“parasite relationship. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	3
3	Brief stress impairs recognition memory through amygdalar activation in animals with medial prefrontal cortex lesions. Neuroscience Letters, 2020, 735, 135245.	2.1	5
4	The Risky Closed Economy: A Holistic, Longitudinal Approach to Studying Fear and Anxiety in Rodents. Frontiers in Behavioral Neuroscience, 2020, 14, 594568.	2.0	7
5	Amygdala, Medial Prefrontal Cortex and Glucocorticoid Interactions Produce Stress-Like Effects on Memory. Frontiers in Behavioral Neuroscience, 2019, 13, 210.	2.0	9
6	Sex Differences in Foraging Rats to Naturalistic Aerial Predator Stimuli. IScience, 2019, 16, 442-452.	4.1	16
7	Fear paradigms: The times they are a-changinâ€™. Current Opinion in Behavioral Sciences, 2018, 24, 38-43.	3.9	27
8	Dynamic coding of predatory information between the prelimbic cortex and lateral amygdala in foraging rats. Science Advances, 2018, 4, eaar7328.	10.3	33
9	Brain stimulation patterns emulating endogenous thalamocortical input to parvalbumin-expressing interneurons reduce nociception in mice. Brain Stimulation, 2018, 11, 1151-1160.	1.6	6
10	Sexually Dimorphic Risk Mitigation Strategies in Rats. ENeuro, 2017, 4, ENEURO.0288-16.2017.	1.9	43
11	Fragmentation of Rapid Eye Movement and Nonrapid Eye Movement Sleep without Total Sleep Loss Impairs Hippocampus-Dependent Fear Memory Consolidation. Sleep, 2016, 39, 2021-2031.	1.1	18
12	What Can Ethobehavioral Studies Tell Us about the Brain's Fear System?. Trends in Neurosciences, 2016, 39, 420-431.	8.6	41
13	Chronic Stress Alters Spatial Representation and Bursting Patterns of Place Cells in Behaving Mice. Scientific Reports, 2015, 5, 16235.	3.3	24
14	Oxytocin Protects Hippocampal Memory and Plasticity from Uncontrollable Stress. Scientific Reports, 2015, 5, 18540.	3.3	84
15	Time-Specific Fear Acts as a Non-Photic Entraining Stimulus of Circadian Rhythms in Rats. Scientific Reports, 2015, 5, 14916.	3.3	26
16	Fear: Psychological and Neural Aspects. , 2015, , 868-874.		2
17	Alterations of Hippocampal Place Cells in Foraging Rats Facing a â€œPredatoryâ€• Threat. Current Biology, 2015, 25, 1362-1367.	3.9	45
18	Neuroethological studies of fear, anxiety, and risky decision-making in rodents and humans. Current Opinion in Behavioral Sciences, 2015, 5, 8-15.	3.9	92

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19	Stress effects on the hippocampus: a critical review. Learning and Memory, 2015, 22, 411-416.	1.3	379
20	Amygdaloid and non-amygdaloid fear both influence avoidance of risky foraging in hungry rats. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133357.	2.6	12
21	Neural-Cognitive Effects of Stress in the Hippocampus. , 2014, , 151-165.		0
22	Dorsal periaqueductal gray-amygdala pathway conveys both innate and learned fear responses in rats. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14795-14800.	7.1	144
23	Amygdalar Stimulation Produces Alterations on Firing Properties of Hippocampal Place Cells. Journal of Neuroscience, 2012, 32, 11424-11434.	3.6	30
24	Early life manipulations alter learning and memory in rats. Neuroscience and Biobehavioral Reviews, 2012, 36, 1985-2006.	6.1	122
25	Neuroeconomics. Frontiers in Behavioral Neuroscience, 2012, 6, 15.	2.0	3
26	Serotonin 1B Autoreceptors Originating in the Caudal Dorsal Raphe Nucleus Reduce Expression of Fear and Depression-Like Behavior. Biological Psychiatry, 2011, 69, 780-787.	1.3	55
27	Hippocampal lesion effects on occasion setting by contextual and discrete stimuli. Neurobiology of Learning and Memory, 2011, 95, 176-184.	1.9	24
28	Biologically predisposed learning and selective associations in amygdalar neurons. Learning and Memory, 2011, 18, 371-374.	1.3	17
29	Auditory cortex is important in the extinction of two different tone-based conditioned fear memories in rats. Frontiers in Behavioral Neuroscience, 2010, 4, 24.	2.0	15
30	Stress impairs optimal behavior in a water foraging choice task in rats. Learning and Memory, 2010, 17, 1-4.	1.3	32
31	Amygdala regulates risk of predation in rats foraging in a dynamic fear environment. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21773-21777.	7.1	158
32	Social Transmission of Fear in Rats: The Role of 22-kHz Ultrasonic Distress Vocalization. PLoS ONE, 2010, 5, e15077.	2.5	173
33	Functional Imaging of Stimulus Convergence in Amygdalar Neurons during Pavlovian Fear Conditioning. PLoS ONE, 2009, 4, e6156.	2.5	59
34	Stress impairs decision-making in rats. Nature Precedings, 2009, , .	0.1	1
35	Chronic stress selectively reduces hippocampal volume in rats: a longitudinal magnetic resonance imaging study. NeuroReport, 2009, 20, 1554-1558.	1.2	146
36	Discriminative conditioning with different CSâ€“US intervals produces temporally differentiated conditioned responses in the two eyes of the rabbit (Oryctolagus cuniculus).. Behavioral Neuroscience, 2009, 123, 1085-1094.	1.2	3

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37	Strain and sex differences in fear conditioning: 22 kHz ultrasonic vocalizations and freezing in rats.. Psychology and Neuroscience, 2009, 2, 219-225.	0.8	37
38	Serotonin, Stress, and Conditioning. Biological Psychiatry, 2008, 63, 819-820.	1.3	6
39	Plasticity and Memory in the Prefrontal Cortex. Reviews in the Neurosciences, 2008, 19, 29-46.	2.9	38
40	Prefrontal cortex and hippocampus subserve different components of working memory in rats. Learning and Memory, 2008, 15, 97-105.	1.3	194
41	Bilateral nature of the conditioned eyeblink response in the rabbit: Behavioral characteristics and potential mechanisms.. Behavioral Neuroscience, 2008, 122, 1306-1317.	1.2	6
42	Learning-Induced Enduring Changes in Functional Connectivity among Prefrontal Cortical Neurons. Journal of Neuroscience, 2007, 27, 909-918.	3.6	48
43	Stress-induced alterations in hippocampal plasticity, place cells, and spatial memory. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18297-18302.	7.1	106
44	Memory impairments and hippocampal modifications in adult rats with neonatal isolation stress experience. Neurobiology of Learning and Memory, 2007, 88, 167-176.	1.9	46
45	Neonatal handling alters learning in adult male and female rats in a task-specific manner. Brain Research, 2007, 1154, 144-153.	2.2	65
46	Glucocorticoid Hyperâ€•and Hypofunction. Annals of the New York Academy of Sciences, 2007, 1113, 291-303.	3.8	52
47	Immediate shock deficit in fear conditioning: Effects of shock manipulations.. Behavioral Neuroscience, 2006, 120, 873-879.	1.2	68
48	A thalamoâ€corticoâ€amygdala pathway mediates auditory fear conditioning in the intact brain. European Journal of Neuroscience, 2006, 24, 894-900.	2.6	93
49	A computer vision-based automated Figure-8 maze for working memory test in rodents. Journal of Neuroscience Methods, 2006, 156, 10-16.	2.5	14
50	Stress effects in the hippocampus: Synaptic plasticity and memory. Stress, 2006, 9, 1-11.	1.8	217
51	Neural circuits and mechanisms involved in Pavlovian fear conditioning: A critical review. Neuroscience and Biobehavioral Reviews, 2006, 30, 188-202.	6.1	494
52	Early life stress impairs fear conditioning in adult male and female rats. Brain Research, 2006, 1087, 142-150.	2.2	151
53	Neurobiological Foundations of Stress. , 2006, , 37-65.		2
54	Amygdalar Inactivation Blocks Stress-Induced Impairments in Hippocampal Long-Term Potentiation and Spatial Memory. Journal of Neuroscience, 2005, 25, 1532-1539.	3.6	165

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55	Sex-selective effects of neonatal isolation on fear conditioning and foot shock sensitivity. Behavioural Brain Research, 2005, 157, 235-244.	2.2	83
56	Selective Neurotoxic Lesions of Basolateral and Central Nuclei of the Amygdala Produce Differential Effects on Fear Conditioning. Journal of Neuroscience, 2004, 24, 7654-7662.	3.6	153
57	Differential Effects of Cerebellar, Amygdalar, and Hippocampal Lesions on Classical Eyeblink Conditioning in Rats. Journal of Neuroscience, 2004, 24, 3242-3250.	3.6	133
58	Effects of complete immunotoxin lesions of the cholinergic basal forebrain on fear conditioning and spatial learning. Hippocampus, 2004, 14, 244-254.	1.9	59
59	Amygdalar Lateralization in Fear Conditioning: Evidence for Greater Involvement of the Right Amygdala.. Behavioral Neuroscience, 2004, 118, 15-23.	1.2	121
60	Cerebellar cortical inhibition and classical eyeblink conditioning. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1592-1597.	7.1	125
61	The stressed hippocampus, synaptic plasticity and lost memories. Nature Reviews Neuroscience, 2002, 3, 453-462.	10.2	1,243
62	Effects of Stress and Hippocampal NMDA Receptor Antagonism on Recognition Memory in Rats. Learning and Memory, 2002, 9, 58-65.	1.3	256
63	Post-training injections of catecholaminergic drugs do not modulate fear conditioning in rats and mice. Neuroscience Letters, 2001, 303, 123-126.	2.1	52
64	Multiple brain-memory systems: the whole does not equal the sum of its parts. Trends in Neurosciences, 2001, 24, 324-330.	8.6	141
65	Fear conditioning to tone, but not to context, is attenuated by lesions of the insular cortex and posterior extension of the intralaminar complex in rats.. Behavioral Neuroscience, 2001, 115, 365-375.	1.2	60
66	Amygdala Is Critical for Stress-Induced Modulation of Hippocampal Long-Term Potentiation and Learning. Journal of Neuroscience, 2001, 21, 5222-5228.	3.6	479
67	Amygdalar NMDA Receptors Are Critical for the Expression of Multiple Conditioned Fear Responses. Journal of Neuroscience, 2001, 21, 4116-4124.	3.6	181
68	Acquisition of fear conditioning in rats requires the synthesis of mRNA in the amygdala.. Behavioral Neuroscience, 1999, 113, 276-282.	1.2	142
69	Stress: metaplastic effects in the hippocampus. Trends in Neurosciences, 1998, 21, 505-509.	8.6	385
70	Importance of the Intracellular Domain of NR2 Subunits for NMDA Receptor Function In Vivo. Cell, 1998, 92, 279-289.	28.9	419
71	The Nature of Reinforcement in Cerebellar Learning. Neurobiology of Learning and Memory, 1998, 70, 150-176.	1.9	85
72	Inhibitory Cerebello-Olivary Projections and Blocking Effect in Classical Conditioning. Science, 1998, 279, 570-573.	12.6	254

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73	Amygdalar NMDA Receptors are Critical for New Fear Learning in Previously Fear-Conditioned Rats. Journal of Neuroscience, 1998, 18, 8444-8454.	3.6	284
74	Associative Learning. International Review of Neurobiology, 1997, 41, 151-189.	2.0	132
75	Selective enhancement of emotional, but not motor, learning in monoamine oxidase A-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 5929-5933.	7.1	146
76	Cerebellar circuits and synaptic mechanisms involved in classical eyeblink conditioning. Trends in Neurosciences, 1997, 20, 177-181.	8.6	334
77	Hippocampal lesions impair contextual fear conditioning in two strains of mice.. Behavioral Neuroscience, 1996, 110, 1177-1180.	1.2	107
78	Deficient Cerebellar Long-Term Depression, Impaired Eyeblink Conditioning, and Normal Motor Coordination in GFAP Mutant Mice. Neuron, 1996, 16, 587-599.	8.1	415
79	Memory systems in the brain and localization of a memory. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13438-13444.	7.1	257
80	Cyclic nucleotides and memory. NeuroReport, 1996, 7, 385.	1.2	2
81	Behavioral stress modifies hippocampal plasticity through N-methyl-D-aspartate receptor activation.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4750-4753.	7.1	399
82	Impaired classical eyeblink conditioning in cerebellar-lesioned and Purkinje cell degeneration (pcd) mutant mice. Journal of Neuroscience, 1996, 16, 2829-2838.	3.6	215
83	Chapter 1 The gene knockout technology for the analysis of learning and memory, and neural development. Progress in Brain Research, 1995, 105, 3-14.	1.4	21
84	Hippocampectomy impairs the memory of recently, but not remotely, acquired trace eyeblink conditioned responses.. Behavioral Neuroscience, 1995, 109, 195-203.	1.2	475
85	Effects of handling and context preexposure on the immediate shock deficit. Learning and Behavior, 1995, 23, 335-339.	3.4	10
86	Impaired motor coordination correlates with persistent multiple climbing fiber innervation in PKCÎ³ mutant mice. Cell, 1995, 83, 1233-1242.	28.9	410
87	Hippocampectomy impairs the memory of recently, but not remotely, acquired trace eyeblink conditioned responses.. Behavioral Neuroscience, 1995, 109, 195-203.	1.2	222
88	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.	1.2	133
89	The immediate-shock deficit and postshock analgesia: Implications for the relationship between the analgesic CR and UR. Learning and Behavior, 1994, 22, 72-76.	3.4	27
90	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.	1.2	374

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91	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.	1.2	155
92	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.	1.2	59
93	Effects of amygdala, hippocampus, and periaqueductal gray lesions on short- and long-term contextual fear.. Behavioral Neuroscience, 1993, 107, 1093-1098.	1.2	537
94	Naltrexone does not disrupt acquisition or performance of inhibitory conditioning. Bulletin of the Psychonomic Society, 1993, 31, 591-594.	0.2	2
95	Mammalian Brain Substrates of Aversive Classical Conditioning. Annual Review of Psychology, 1993, 44, 317-342.	17.7	272
96	PKCÎ³ mutant mice exhibit mild deficits in spatial and contextual learning. Cell, 1993, 75, 1263-1271.	28.9	628
97	The benzodiazepine inverse agonist DMCM as an unconditional stimulus for fear-induced analgesia: Implications for the role of GABAA receptors in fear-related behavior.. Behavioral Neuroscience, 1992, 106, 336-344.	1.2	43
98	Selective impairment of long-term but not short-term conditional fear by the N-methyl-D-aspartate antagonist APV.. Behavioral Neuroscience, 1992, 106, 591-596.	1.2	141
99	Selective impairment of long-term but not short-term conditional fear by the N-methyl-D-aspartate antagonist APV.. Behavioral Neuroscience, 1992, 106, 591-596.	1.2	81
100	Differential effects of selective opioid peptide antagonists on the acquisition of Pavlovian fear conditioning. Peptides, 1991, 12, 1033-1037.	2.4	50
101	N-methyl-D-aspartate receptor antagonist APV blocks acquisition but not expression of fear conditioning.. Behavioral Neuroscience, 1991, 105, 126-133.	1.2	301
102	Chronic amphetamine alters D-2 but not D-1 agonist-induced behavioral responses in rats. Life Sciences, 1988, 43, 1207-1213.	4.3	32