June-Seek Choi

List of Publications by Year
in descending order

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42 papers	1,549 citations	361413 20 h-index	315739 38 g-index
42 all docs	42 docs citations	42 times ranked	2219 citing authors

#	Article	IF	Citations
1	Amygdalar NMDA Receptors Are Critical for the Expression of Multiple Conditioned Fear Responses. Journal of Neuroscience, 2001, 21, 4116-4124.	3.6	181
2	The role of amygdala nuclei in the expression of auditory signaled two-way active avoidance in rats. Learning and Memory, 2010, 17, 139-147.	1.3	159
3	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
4	The Medial Prefrontal Cortex Is Involved in Spatial Memory Retrieval under Partial-Cue Conditions. Journal of Neuroscience, 2007, 27, 13567-13578.	3.6	110
5	Place cells are more strongly tied to landmarks in deep than in superficial CA1. Nature Communications, 2017, 8, 14531.	12.8	108
6	Vascular endothelial growth factor (VEGF) signaling regulates hippocampal neurons by elevation of intracellular calcium and activation of calcium/calmodulin protein kinase II and mammalian target of rapamycin. Cellular Signalling, 2008, 20, 714-725.	3.6	101
7	Central Amygdala Lesions Block Ultrasonic Vocalization and Freezing as Conditional But Not Unconditional Responses. Journal of Neuroscience, 2003, 23, 8713-8721.	3.6	96
8	Lack of Medial Prefrontal Cortex Activation Underlies the Immediate Extinction Deficit. Journal of Neuroscience, 2010, 30, 832-837.	3.6	86
9	Ketamine produces antidepressant-like effects through phosphorylation-dependent nuclear export of histone deacetylase 5 (HDAC5) in rats. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15755-15760.	7.1	60
10	Dissociation of diabetes and obesity in mice lacking orphan nuclear receptor small heterodimer partner. Journal of Lipid Research, 2011, 52, 2234-2244.	4.2	44
11	Dopamine D2 receptor-mediated circuit from the central amygdala to the bed nucleus of the stria terminalis regulates impulsive behavior. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10730-E10739.	7.1	44
12	Cerebellar Neuronal Activity Expresses the Complex Topography of Conditioned Eyeblink Responses.. Behavioral Neuroscience, 2003, 117, 1211-1219.	1.2	40
13	The prelimbic cortex is critical for context-dependent fear expression. Frontiers in Behavioral Neuroscience, 2013, 7, 73.	2.0	29
14	Segregated Cell Populations Enable Distinct Parallel Encoding within the Radial Axis of the CA1 Pyramidal Layer. Experimental Neurobiology, 2017, 26, 1-10.	1.6	27
15	Amygdala lesions block conditioned enhancement of the early component of the rat eyeblink reflex.. Behavioral Neuroscience, 2001, 115, 764-775.	1.2	26
16	Cholinergic transmission in the dorsal hippocampus modulates trace but not delay fear conditioning. Neurobiology of Learning and Memory, 2010, 94, 206-213.	1.9	26
17	Mind bomb-1 is an essential modulator of long-term memory and synaptic plasticity via the Notch signaling pathway. Molecular Brain, 2012, 5, 40.	2.6	26
18	Inactivation of the Medial Prefrontal Cortex Interferes with the Expression But Not the Acquisition of Diff erential Fear Conditioning in Rats. Experimental Neurobiology, 2012, 21, 23-29.	1.6	26

#	Article	IF	Citations
19	Conditioning-induced attentional bias for face stimuli measured with the emotional Stroop task.. Emotion, 2009, 9, 134-139.	1.8	24
20	Lesions of the lateral habenula facilitate active avoidance learning and threat extinction. Behavioural Brain Research, 2017, 318, 12-17.	2.2	23
21	Cornering the Fear Engram: Long-Term Synaptic Changes in the Lateral Nucleus of the Amygdala after Fear Conditioning. Journal of Neuroscience, 2009, 29, 9700-9703.	3.6	20
22	Long-term synaptic changes in two input pathways into the lateral nucleus of the amygdala underlie fear extinction. Learning and Memory, 2010, 17, 23-34.	1.3	15
23	Altered expression of synaptotagmin 13 mRNA in adult mouse brain after contextual fear conditioning. Biochemical and Biophysical Research Communications, 2012, 425, 880-885.	2.1	15
24	Memory retrieval in response to partial cues requires NMDA receptor-dependent neurotransmission in the medial prefrontal cortex. Neurobiology of Learning and Memory, 2014, 109, 20-26.	1.9	15
25	Facilitation of visual processing by masked presentation of a conditioned facial stimulus. NeuroReport, 2009, 20, 750-754.	1.2	13
26	Hippocampal NMDA receptors are necessary for auditory trace fear conditioning measured with conditioned hypoalgesia in rats. Behavioural Brain Research, 2008, 192, 264-268.	2.2	12
27	The role of inositol 1,4,5-trisphosphate 3-kinase A in regulating emotional behavior and amygdala function. Scientific Reports, 2016, 6, 23757.	3.3	11
28	DRG2 Deficient Mice Exhibit Impaired Motor Behaviors with Reduced Striatal Dopamine Release. International Journal of Molecular Sciences, 2020, 21, 60.	4.1	10
29	Impaired Extinction of Learned Contextual Fear Memory in Early Growth Response 1 Knockout Mice. Molecules and Cells, 2014, 37, 24-30.	2.6	8
30	Changes in Vascular Endothelial Growth Factor (VEGF) Induced by the Morris Water Maze Task. Molecules and Cells, 2012, 33, 295-300.	2.6	7
31	Chasing as a model of psychogenic stress: characterization of physiological and behavioral responses. Stress, 2018, 21, 323-332.	1.8	6
32	Sensory and motivational modulation of immediate and delayed defensive responses under dynamic threat. Journal of Neuroscience Methods, 2018, 307, 84-94.	2.5	5
33	Observational threat conditioning is induced by circa-strike activity burst but not freezing and requires visual attention. Behavioural Brain Research, 2018, 353, 161-167.	2.2	5
34	Increased tone-offset response in the lateral nucleus of the amygdala underlies trace fear conditioning. Neurobiology of Learning and Memory, 2015, 126, 7-17.	1.9	4
35	Evaluation of the Effects of Developmental Trauma on Neurotransmitter Systems Using Functional Molecular Imaging. International Journal of Molecular Sciences, 2021, 22, 2522.	4.1	3
36	Inositol 1,4,5-trisphosphate 3-kinase A overexpressed in mouse forebrain modulates synaptic transmission and mGluR-LTD of CA1 pyramidal neurons. PLoS ONE, 2018, 13, e0193859.	2.5	2

#	ARTICLE	IF	CITATIONS
37	Maladaptive Alterations of Defensive Response Following Developmental Complex Stress in Rats. Clinical Psychopharmacology and Neuroscience, 2020, 18, 412-422.	2.0	2
38	N-Methyl-D-Aspartate (NMDA) Receptors in the Prelimbic Cortex Are Required for Short- and Long-Term Memory Formation in Trace Fear Conditioning. Life, 2022, 12, 672.	2.4	2
39	3SA3-06 Roles of the prefrontal cortex and the amygdala in fear conditioning(3SA3 Multiple) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.1	0
40	Conditioned fear response induced by electrical brain stimulation of the auditory cortex as a conditioned stimulus. Korean Journal of Cognitive and Biological Psychology, 2013, 25, 581-594.	0.0	0
41	Effects of optogenetic activation of dopamine neurons during discriminatory fear learning. Korean Journal of Cognitive and Biological Psychology, 2016, 28, 143-155.	0.0	0
42	Perspectives on the Use of Robots in Etho-experimental Approaches to Animal Behavior. The Journal of Korea Robotics Society, 2022, 17, 86-92.	0.4	0