

June-Seek Choi

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,549
citations

361413

20
h-index

315739

38
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42
all docs

42
docs citations

42
times ranked

2219
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives on the Use of Robots in Etho-experimental Approaches to Animal Behavior. <i>The Journal of Korea Robotics Society</i> , 2022, 17, 86-92.	0.4	0
2	N-Methyl-D-Aspartate (NMDA) Receptors in the Prelimbic Cortex Are Required for Short- and Long-Term Memory Formation in Trace Fear Conditioning. <i>Life</i> , 2022, 12, 672.	2.4	2
3	Evaluation of the Effects of Developmental Trauma on Neurotransmitter Systems Using Functional Molecular Imaging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2522.	4.1	3
4	DRG2 Deficient Mice Exhibit Impaired Motor Behaviors with Reduced Striatal Dopamine Release. <i>International Journal of Molecular Sciences</i> , 2020, 21, 60.	4.1	10
5	Maladaptive Alterations of Defensive Response Following Developmental Complex Stress in Rats. <i>Clinical Psychopharmacology and Neuroscience</i> , 2020, 18, 412-422.	2.0	2
6	Chasing as a model of psychogenic stress: characterization of physiological and behavioral responses. <i>Stress</i> , 2018, 21, 323-332.	1.8	6
7	Dopamine D2 receptor-mediated circuit from the central amygdala to the bed nucleus of the stria terminalis regulates impulsive behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10730-E10739.	7.1	44
8	Sensory and motivational modulation of immediate and delayed defensive responses under dynamic threat. <i>Journal of Neuroscience Methods</i> , 2018, 307, 84-94.	2.5	5
9	Inositol 1,4,5-trisphosphate 3-kinase A overexpressed in mouse forebrain modulates synaptic transmission and mGluR-LTD of CA1 pyramidal neurons. <i>PLoS ONE</i> , 2018, 13, e0193859.	2.5	2
10	Observational threat conditioning is induced by circa-strike activity burst but not freezing and requires visual attention. <i>Behavioural Brain Research</i> , 2018, 353, 161-167.	2.2	5
11	Place cells are more strongly tied to landmarks in deep than in superficial CA1. <i>Nature Communications</i> , 2017, 8, 14531.	12.8	108
12	Lesions of the lateral habenula facilitate active avoidance learning and threat extinction. <i>Behavioural Brain Research</i> , 2017, 318, 12-17.	2.2	23
13	Segregated Cell Populations Enable Distinct Parallel Encoding within the Radial Axis of the CA1 Pyramidal Layer. <i>Experimental Neurobiology</i> , 2017, 26, 1-10.	1.6	27
14	The role of inositol 1,4,5-trisphosphate 3-kinase A in regulating emotional behavior and amygdala function. <i>Scientific Reports</i> , 2016, 6, 23757.	3.3	11
15	Effects of optogenetic activation of dopamine neurons during discriminatory fear learning. <i>Korean Journal of Cognitive and Biological Psychology</i> , 2016, 28, 143-155.	0.0	0
16	Ketamine produces antidepressant-like effects through phosphorylation-dependent nuclear export of histone deacetylase 5 (HDAC5) in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15755-15760.	7.1	60
17	Increased tone-offset response in the lateral nucleus of the amygdala underlies trace fear conditioning. <i>Neurobiology of Learning and Memory</i> , 2015, 126, 7-17.	1.9	4
18	Impaired Extinction of Learned Contextual Fear Memory in Early Growth Response 1 Knockout Mice. <i>Molecules and Cells</i> , 2014, 37, 24-30.	2.6	8

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19	Memory retrieval in response to partial cues requires NMDA receptor-dependent neurotransmission in the medial prefrontal cortex. <i>Neurobiology of Learning and Memory</i> , 2014, 109, 20-26.	1.9	15
20	The prelimbic cortex is critical for context-dependent fear expression. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 73.	2.0	29
21	Conditioned fear response induced by electrical brain stimulation of the auditory cortex as a conditioned stimulus. <i>Korean Journal of Cognitive and Biological Psychology</i> , 2013, 25, 581-594.	0.0	0
22	Altered expression of synaptotagmin 13 mRNA in adult mouse brain after contextual fear conditioning. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 880-885.	2.1	15
23	Mind bomb-1 is an essential modulator of long-term memory and synaptic plasticity via the Notch signaling pathway. <i>Molecular Brain</i> , 2012, 5, 40.	2.6	26
24	Inactivation of the Medial Prefrontal Cortex Interferes with the Expression But Not the Acquisition of Differential Fear Conditioning in Rats. <i>Experimental Neurobiology</i> , 2012, 21, 23-29.	1.6	26
25	Changes in Vascular Endothelial Growth Factor (VEGF) Induced by the Morris Water Maze Task. <i>Molecules and Cells</i> , 2012, 33, 295-300.	2.6	7
26	Dissociation of diabetes and obesity in mice lacking orphan nuclear receptor small heterodimer partner. <i>Journal of Lipid Research</i> , 2011, 52, 2234-2244.	4.2	44
27	The role of amygdala nuclei in the expression of auditory signaled two-way active avoidance in rats. <i>Learning and Memory</i> , 2010, 17, 139-147.	1.3	159
28	Amygdala regulates risk of predation in rats foraging in a dynamic fear environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21773-21777.	7.1	158
29	Lack of Medial Prefrontal Cortex Activation Underlies the Immediate Extinction Deficit. <i>Journal of Neuroscience</i> , 2010, 30, 832-837.	3.6	86
30	Cholinergic transmission in the dorsal hippocampus modulates trace but not delay fear conditioning. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 206-213.	1.9	26
31	Long-term synaptic changes in two input pathways into the lateral nucleus of the amygdala underlie fear extinction. <i>Learning and Memory</i> , 2010, 17, 23-34.	1.3	15
32	Cornering the Fear Engram: Long-Term Synaptic Changes in the Lateral Nucleus of the Amygdala after Fear Conditioning. <i>Journal of Neuroscience</i> , 2009, 29, 9700-9703.	3.6	20
33	Facilitation of visual processing by masked presentation of a conditioned facial stimulus. <i>NeuroReport</i> , 2009, 20, 750-754.	1.2	13
34	Conditioning-induced attentional bias for face stimuli measured with the emotional Stroop task. <i>Emotion</i> , 2009, 9, 134-139.	1.8	24
35	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
36	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. <i>Cellular Signalling</i> , 2008, 20, 714-725.	3.6	101

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37	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
38	The Medial Prefrontal Cortex Is Involved in Spatial Memory Retrieval under Partial-Cue Conditions. Journal of Neuroscience, 2007, 27, 13567-13578.	3.6	110
39	Cerebellar Neuronal Activity Expresses the Complex Topography of Conditioned Eyeblink Responses.. Behavioral Neuroscience, 2003, 117, 1211-1219.	1.2	40
40	Central Amygdala Lesions Block Ultrasonic Vocalization and Freezing as Conditional But Not Unconditional Responses. Journal of Neuroscience, 2003, 23, 8713-8721.	3.6	96
41	Amygdalar NMDA Receptors Are Critical for the Expression of Multiple Conditioned Fear Responses. Journal of Neuroscience, 2001, 21, 4116-4124.	3.6	181
42	Amygdala lesions block conditioned enhancement of the early component of the rat eyeblink reflex.. Behavioral Neuroscience, 2001, 115, 764-775.	1.2	26