Keng-Chen Liang

List of Publications by Year
in descending order

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37 papers	2,715 citations	218677 26 h-index	330143 37 g-index
38 all docs	38 docs citations	38 times ranked	2657 citing authors

#	Article	IF	Citations
1	Modulating effects of posttraining epinephrine on memory: Involvement of the amygdala noradrenergic system. Brain Research, 1986, 368, 125-133.	2.2	365
2	Sex Differences in Highâ€fat Dietâ€induced Obesity, Metabolic Alterations and Learning, and Synaptic Plasticity Deficits in Mice. Obesity, 2010, 18, 463-469.	3.0	330
3	Naloxone enhancement of memory. Behavioral and Neural Biology, 1979, 27, 266-275.	2.2	205
4	Involvement of amygdala pathways in the influence of post-training intra-amygdala norepinephrine and peripheral epinephrine on memory storage. Brain Research, 1990, 508, 225-233.	2.2	198
5	Post-training amygdaloid lesions impair retention of an inhibitory avoidance response. Behavioural Brain Research, 1982, 4, 237-249.	2.2	151
6	Central and peripheral actions of amphetamine on memory storage. Brain Research, 1980, 182, 157-166.	2.2	129
7	Towards a neural circuit model of verbal humor processing: An fMRI study of the neural substrates of incongruity detection and resolution. NeuroImage, 2013, 66, 169-176.	4.2	106
8	Segregating the comprehension and elaboration processing of verbal jokes: An fMRI study. NeuroImage, 2012, 61, 899-906.	4.2	90
9	Attenuation of amphetamine-induced enhancement of learning by adrenal demedullation. Brain Research, 1980, 195, 433-443.	2.2	85
10	Lesions of the stria terminalis attenuate the enhancing effect of post-training epinephrine on retention of an inhibitory avoidance response. Behavioural Brain Research, 1983, 9, 49-58.	2.2	80
11	Long-term social isolation exacerbates the impairment of spatial working memory in APP/PS1 transgenic mice. Brain Research, 2011, 1371, 150-160.	2.2	78
12	Selective improvement of cognitive function in adult and aged APP/PS1 transgenic mice by continuous non-shock treadmill exercise. Brain Research, 2011, 1403, 1-11.	2.2	75
13	Enhancement of Long-Term Potentiation by a Potent Nitric Oxide-Guanylyl Cyclase Activator, 3-(5-Hydroxymethyl-2-furyl)-1-benzyl-indazole. Molecular Pharmacology, 2003, 63, 1322-1328.	2.3	74
14	Peripheral epinephrine modulates the effects of post-training amygdala stimulation on memory. Behavioural Brain Research, 1985, 15, 93-100.	2.2	66
15	Enhancement of learning behaviour by a potent nitric oxideâ€guanylate cyclase activator YCâ€1. European Journal of Neuroscience, 2005, 21, 1679-1688.	2.6	66
16	Post Ischemia Intermittent Hypoxia Induces Hippocampal Neurogenesis and Synaptic Alterations and Alleviates Long-Term Memory Impairment. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 764-773.	4.3	62
17	Spatial learning alters hippocampal calcium/calmodulin-dependent protein kinase II activity in rats. Brain Research, 1996, 711, 234-240.	2.2	59
18	Exendin-4 Protected against Cognitive Dysfunction in Hyperglycemic Mice Receiving an Intrahippocampal Lipopolysaccharide Injection. PLoS ONE, 2012, 7, e39656.	2.5	57

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19	Naloxone attenuates amnesia caused by amygdaloid stimulation: The involvement of a central opioid system. Brain Research, 1983, 271, 41-49.	2.2	51
20	Lesions of the stria terminalis attenuate the amnestic effect of amygdaloid stimulation on avoidance responses. Brain Research, 1983, 274, 309-318.	2.2	42
21	Dissociated roles of the middle frontal gyri in the processing of Chinese characters. NeuroReport, 2006, 17, 1397-1401.	1.2	42
22	Depletion of adrenal catecholamines alters the amnestic effect of amygdala stimulation. Behavioural Brain Research, 1985, 15, 83-91.	2.2	38
23	Ceftriaxone prevents the neurodegeneration and decreased neurogenesis seen in a Parkinsonâ€™s disease rat model: An immunohistochemical and MRI study. Behavioural Brain Research, 2016, 305, 126-139.	2.2	34
24	Enhancement of active shuttle avoidance response by the NO-cGMP-PKG activator YC-1. European Journal of Pharmacology, 2008, 590, 233-240.	3.5	28
25	Differential Involvement of the Anterior Cingulate and Primary Sensorimotor Cortices in Sensory and Affective Functions of Pain. Journal of Neurophysiology, 2009, 101, 1201-1210.	1.8	28
26	Inhibitory avoidance learning alters the amygdala calcium/calmodulin-dependent protein kinase II activity in rats. Brain Research, 1997, 748, 227-233.	2.2	26
27	Gastrodia elata Bl. Attenuated Learning Deficits Induced by Forced-Swimming Stress in the Inhibitory Avoidance Task and Morris Water Maze. Journal of Medicinal Food, 2011, 14, 610-617.	1.5	25
28	Extra-cellular signal-regulated kinase 1/2 (ERK1/2) activated in the hippocampal CA1 neurons is critical for retrieval of auditory trace fear memory. Brain Research, 2010, 1326, 143-151.	2.2	24
29	Inhibitory avoidance learning altered ensemble activity of amygdaloid neurons in rats. European Journal of Neuroscience, 2005, 21, 210-218.	2.6	19
30	The interaction between acute oligomer AÎ²1â€“40 and stress severely impaired spatial learning and memory. Neurobiology of Learning and Memory, 2010, 93, 8-18.	1.9	19
31	Pain Perception Can Be Modulated by Mindfulness Training: A Resting-State fMRI Study. Frontiers in Human Neuroscience, 2016, 10, 570.	2.0	16
32	Comparison of the cognitive profiles and social adjustment between mathematically and scientifically talented students and students with Asperger's syndrome. Research in Autism Spectrum Disorders, 2014, 8, 838-850.	1.5	11
33	Experiencing affective music in eyes-closed and eyes-open states: an electroencephalography study. Frontiers in Psychology, 2015, 6, 1160.	2.1	11
34	State-Dependent Amygdala Stimulation-Induced Cardiovascular Effects in Rats. Chinese Journal of Physiology, 2009, 52, 432-440.	1.0	10
35	Brain Deactivation in the Outperformance in Bimodal Tasks: An fMRI Study. PLoS ONE, 2013, 8, e77408.	2.5	9
36	Involvement of the Amygdala and Its Connected Structures in Formation and Expression of Inhibitory Avoidance Memory: Issues and Implications. Chinese Journal of Physiology, 2009, 52, 196-214.	1.0	5

#	Article	IF	Citations
37	Involvement of the Amygdala in Two Different Forms of the Inhibitory Avoidance Task. , 2008, , 167-182.		0