

# 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

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g-index

38  
all docs

38  
docs citations

38  
times ranked

2657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pain Perception Can Be Modulated by Mindfulness Training: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 570.	2.0	16
2	Ceftriaxone prevents the neurodegeneration and decreased neurogenesis seen in a Parkinson's disease rat model: An immunohistochemical and MRI study. <i>Behavioural Brain Research</i> , 2016, 305, 126-139.	2.2	34
3	Experiencing affective music in eyes-closed and eyes-open states: an electroencephalography study. <i>Frontiers in Psychology</i> , 2015, 6, 1160.	2.1	11
4	Comparison of the cognitive profiles and social adjustment between mathematically and scientifically talented students and students with Asperger's syndrome. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 838-850.	1.5	11
5	Post Ischemia Intermittent Hypoxia Induces Hippocampal Neurogenesis and Synaptic Alterations and Alleviates Long-Term Memory Impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 764-773.	4.3	62
6	Towards a neural circuit model of verbal humor processing: An fMRI study of the neural substrates of incongruity detection and resolution. <i>NeuroImage</i> , 2013, 66, 169-176.	4.2	106
7	Brain Deactivation in the Outperformance in Bimodal Tasks: An fMRI Study. <i>PLoS ONE</i> , 2013, 8, e77408.	2.5	9
8	Segregating the comprehension and elaboration processing of verbal jokes: An fMRI study. <i>NeuroImage</i> , 2012, 61, 899-906.	4.2	90
9	Exendin-4 Protected against Cognitive Dysfunction in Hyperglycemic Mice Receiving an Intrahippocampal Lipopolysaccharide Injection. <i>PLoS ONE</i> , 2012, 7, e39656.	2.5	57
10	<i>Gastrodia elata</i> Bl. Attenuated Learning Deficits Induced by Forced-Swimming Stress in the Inhibitory Avoidance Task and Morris Water Maze. <i>Journal of Medicinal Food</i> , 2011, 14, 610-617.	1.5	25
11	Long-term social isolation exacerbates the impairment of spatial working memory in APP/PS1 transgenic mice. <i>Brain Research</i> , 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. <i>Brain Research</i> , 2011, 1403, 1-11.	2.2	75
13	Extra-cellular signal-regulated kinase 1/2 (ERK1/2) activated in the hippocampal CA1 neurons is critical for retrieval of auditory trace fear memory. <i>Brain Research</i> , 2010, 1326, 143-151.	2.2	24
14	Sex Differences in High-Fat Diet-Induced Obesity, Metabolic Alterations and Learning, and Synaptic Plasticity Deficits in Mice. <i>Obesity</i> , 2010, 18, 463-469.	3.0	330
15	The interaction between acute oligomer A $\beta$ <sup>21-40</sup> and stress severely impaired spatial learning and memory. <i>Neurobiology of Learning and Memory</i> , 2010, 93, 8-18.	1.9	19
16	Differential Involvement of the Anterior Cingulate and Primary Sensorimotor Cortices in Sensory and Affective Functions of Pain. <i>Journal of Neurophysiology</i> , 2009, 101, 1201-1210.	1.8	28
17	State-Dependent Amygdala Stimulation-Induced Cardiovascular Effects in Rats. <i>Chinese Journal of Physiology</i> , 2009, 52, 432-440.	1.0	10
18	Involvement of the Amygdala and Its Connected Structures in Formation and Expression of Inhibitory Avoidance Memory: Issues and Implications. <i>Chinese Journal of Physiology</i> , 2009, 52, 196-214.	1.0	5

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19	Enhancement of active shuttle avoidance response by the NO-cGMP-PKG activator YC-1. <i>European Journal of Pharmacology</i> , 2008, 590, 233-240.	3.5	28
20	Involvement of the Amygdala in Two Different Forms of the Inhibitory Avoidance Task. , 2008, , 167-182.		0
21	Dissociated roles of the middle frontal gyri in the processing of Chinese characters. <i>NeuroReport</i> , 2006, 17, 1397-1401.	1.2	42
22	Inhibitory avoidance learning altered ensemble activity of amygdaloid neurons in rats. <i>European Journal of Neuroscience</i> , 2005, 21, 210-218.	2.6	19
23	Enhancement of learning behaviour by a potent nitric oxide-guanylate cyclase activator YC-1. <i>European Journal of Neuroscience</i> , 2005, 21, 1679-1688.	2.6	66
24	Enhancement of Long-Term Potentiation by a Potent Nitric Oxide-Guanylyl Cyclase Activator, 3-(5-Hydroxymethyl-2-furyl)-1-benzyl-indazole. <i>Molecular Pharmacology</i> , 2003, 63, 1322-1328.	2.3	74
25	Inhibitory avoidance learning alters the amygdala calcium/calmodulin-dependent protein kinase II activity in rats. <i>Brain Research</i> , 1997, 748, 227-233.	2.2	26
26	Spatial learning alters hippocampal calcium/calmodulin-dependent protein kinase II activity in rats. <i>Brain Research</i> , 1996, 711, 234-240.	2.2	59
27	Involvement of amygdala pathways in the influence of post-training intra-amygdala norepinephrine and peripheral epinephrine on memory storage. <i>Brain Research</i> , 1990, 508, 225-233.	2.2	198
28	Modulating effects of posttraining epinephrine on memory: Involvement of the amygdala noradrenergic system. <i>Brain Research</i> , 1986, 368, 125-133.	2.2	365
29	Depletion of adrenal catecholamines alters the amnesic effect of amygdala stimulation. <i>Behavioural Brain Research</i> , 1985, 15, 83-91.	2.2	38
30	Peripheral epinephrine modulates the effects of post-training amygdala stimulation on memory. <i>Behavioural Brain Research</i> , 1985, 15, 93-100.	2.2	66
31	Lesions of the stria terminalis attenuate the amnesic effect of amygdaloid stimulation on avoidance responses. <i>Brain Research</i> , 1983, 274, 309-318.	2.2	42
32	Naloxone attenuates amnesia caused by amygdaloid stimulation: The involvement of a central opioid system. <i>Brain Research</i> , 1983, 271, 41-49.	2.2	51
33	Lesions of the stria terminalis attenuate the enhancing effect of post-training epinephrine on retention of an inhibitory avoidance response. <i>Behavioural Brain Research</i> , 1983, 9, 49-58.	2.2	80
34	Post-training amygdaloid lesions impair retention of an inhibitory avoidance response. <i>Behavioural Brain Research</i> , 1982, 4, 237-249.	2.2	151
35	Attenuation of amphetamine-induced enhancement of learning by adrenal demedullation. <i>Brain Research</i> , 1980, 195, 433-443.	2.2	85
36	Central and peripheral actions of amphetamine on memory storage. <i>Brain Research</i> , 1980, 182, 157-166.	2.2	129

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37	Naloxone enhancement of memory. Behavioral and Neural Biology, 1979, 27, 266-275.	2.2	205