

Li-Jen Lee

List of Publications by Year in descending order

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44
papers

1,304
citations

394286

19
h-index

360920

35
g-index

45
all docs

45
docs citations

45
times ranked

2081
citing authors

#	ARTICLE	IF	CITATIONS
1	NMDA Receptor-Dependent Regulation of Axonal and Dendritic Branching. <i>Journal of Neuroscience</i> , 2005, 25, 2304-2311.	1.7	101
2	Exuberant thalamocortical axon arborization in cortex-specific NMDAR1 knockout mice. <i>Journal of Comparative Neurology</i> , 2005, 485, 280-292.	0.9	98
3	Neonatal Fluoxetine Exposure Affects the Neuronal Structure in the Somatosensory Cortex and Somatosensory-Related Behaviors in Adolescent Rats. <i>Neurotoxicity Research</i> , 2009, 15, 212-223.	1.3	88
4	Differential neuronal changes in medial prefrontal cortex, basolateral amygdala and nucleus accumbens after postweaning social isolation. <i>Brain Structure and Function</i> , 2012, 217, 337-351.	1.2	88
5	Autism-associated gene <i>Dlgap2</i> mutant mice demonstrate exacerbated aggressive behaviors and orbitofrontal cortex deficits. <i>Molecular Autism</i> , 2014, 5, 32.	2.6	71
6	Prenatal Infection Affects the Neuronal Architecture and Cognitive Function in Adult Mice. <i>Developmental Neuroscience</i> , 2014, 36, 359-370.	1.0	61
7	Long-term consequences of neonatal fluoxetine exposure in adult rats. <i>Developmental Neurobiology</i> , 2014, 74, 1038-1051.	1.5	59
8	mGluR5 in Cortical Excitatory Neurons Exerts Both Cell-Autonomous and -Nonautonomous Influences on Cortical Somatosensory Circuit Formation. <i>Journal of Neuroscience</i> , 2010, 30, 16896-16909.	1.7	58
9	Microglia-mediated synaptic pruning is impaired in sleep-deprived adolescent mice. <i>Neurobiology of Disease</i> , 2019, 130, 104517.	2.1	57
10	Neonatal whisker trimming causes long-lasting changes in structure and function of the somatosensory system. <i>Experimental Neurology</i> , 2009, 219, 524-532.	2.0	53
11	RBFOX3/NeuN is Required for Hippocampal Circuit Balance and Function. <i>Scientific Reports</i> , 2015, 5, 17383.	1.6	53
12	Effects of a water-soluble extract of <i>Cordyceps sinensis</i> on steroidogenesis and capsular morphology of lipid droplets in cultured rat adrenocortical cells. <i>Journal of Cellular Biochemistry</i> , 1998, 69, 483-489.	1.2	49
13	Rescue of the genetically engineered <i>Cul4b</i> mutant mouse as a potential model for human X-linked mental retardation. <i>Human Molecular Genetics</i> , 2012, 21, 4270-4285.	1.4	49
14	Functional and structural deficits of the dentate gyrus network coincide with emerging spontaneous seizures in an <i>Scn1a</i> mutant Dravet Syndrome model during development. <i>Neurobiology of Disease</i> , 2015, 77, 35-48.	2.1	46
15	Neonatal fluoxetine exposure alters motor performances of adolescent rats. <i>Developmental Neurobiology</i> , 2012, 72, 1122-1132.	1.5	42
16	Phenotypic characterization of C57BL/6J mice carrying the <i>Disc1</i> gene from the 129S6/SvEv strain. <i>Brain Structure and Function</i> , 2014, 219, 1417-1431.	1.2	29
17	Neonatal fluoxetine exposure affects the action potential properties and dendritic development in cortical subplate neurons of rats. <i>Toxicology Letters</i> , 2011, 207, 314-321.	0.4	23
18	Targeted anti-apoptosis activity for ovarian protection against chemotherapy-induced ovarian gonadotoxicity. <i>Reproductive BioMedicine Online</i> , 2014, 29, 612-620.	1.1	23

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19	Thalamic adenylyl cyclase 1 is required for barrel formation in the somatosensory cortex. <i>Neuroscience</i> , 2015, 290, 518-529.	1.1	21
20	Structural and functional differences in the barrel cortex of <i>Mecp2</i> null mice. <i>Journal of Comparative Neurology</i> , 2017, 525, 3951-3961.	0.9	21
21	Magnolol stimulates steroidogenesis in rat adrenal cells. <i>British Journal of Pharmacology</i> , 2000, 131, 1172-1178.	2.7	20
22	Evidence for structural and functional changes of subplate neurons in developing rat barrel cortex. <i>Brain Structure and Function</i> , 2012, 217, 275-292.	1.2	20
23	Deprivation of Muscleblind-Like Proteins Causes Deficits in Cortical Neuron Distribution and Morphological Changes in Dendritic Spines and Postsynaptic Densities. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 75.	0.9	20
24	Altered parcellation of neocortical somatosensory maps in N-methyl-D-aspartate receptor-deficient mice. <i>Journal of Comparative Neurology</i> , 2005, 485, 57-63.	0.9	18
25	Voluntary exercise ameliorates synaptic pruning deficits in sleep-deprived adolescent mice. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 96-110.	2.0	15
26	Neonatal whisker clipping alters behavior, neuronal structure and neural activity in adult rats. <i>Behavioural Brain Research</i> , 2013, 238, 124-133.	1.2	13
27	Important roles of <i>Vilse</i> in dendritic architecture and synaptic plasticity. <i>Scientific Reports</i> , 2017, 7, 45646.	1.6	13
28	Biomaterial aided differentiation and maturation of induced pluripotent stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 8443-8454.	2.0	13
29	Conditional Knockout of Breast Carcinoma Amplified Sequence 2 (BCAS2) in Mouse Forebrain Causes Dendritic Malformation via β -catenin. <i>Scientific Reports</i> , 2016, 6, 34927.	1.6	11
30	Combinational effects of ketamine and amphetamine on behaviors and neurotransmitter systems of mice. <i>NeuroToxicology</i> , 2013, 37, 136-143.	1.4	9
31	Presynaptic 5-HT _{1B} receptor-mediated synaptic suppression to the subplate neurons in the somatosensory cortex of neonatal rats. <i>Neuropharmacology</i> , 2014, 77, 81-89.	2.0	9
32	Functional heterogeneity of nociceptin/orphanin FQ receptors revealed by (+)-5a Compound and Ro 64-6198 in rat periaqueductal grey slices. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 977-989.	1.0	8
33	Genetic Elimination of Connective Tissue Growth Factor in the Forebrain Affects Subplate Neurons in the Cortex and Oligodendrocytes in the Underlying White Matter. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 16.	0.9	8
34	Mechanism of colchicine-induced steroidogenesis in rat adrenocortical cells. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 162-171.	1.2	7
35	A high-density microelectrode-tissue-microelectrode sandwich platform for application of retinal circuit study. <i>BioMedical Engineering OnLine</i> , 2015, 14, 109.	1.3	5
36	Characterization of striatal phenotypes in heterozygous <i>Disc1</i> mutant mice, a model of haploinsufficiency. <i>Journal of Comparative Neurology</i> , 2020, 528, 1157-1172.	0.9	5

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37	Behavioral and Neurochemical Changes Induced by Repetitive Combined Treatments of Ketamine and Amphetamine in Mice. <i>Neurochemical Research</i> , 2014, 39, 2180-2188.	1.6	4
38	Mice Lacking Connective Tissue Growth Factor in the Forebrain Exhibit Delayed Seizure Response, Reduced C-Fos Expression and Different Microglial Phenotype Following Acute PTZ Injection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4921.	1.8	4
39	An important role of PHRF1 in dendritic architecture and memory formation by modulating TGF- β^2 signaling. <i>Scientific Reports</i> , 2020, 10, 10857.	1.6	4
40	Impaired response to sleep deprivation in heterozygous <i>Disc1</i> mutant mice. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 55-66.	1.3	3
41	Altered White Matter and Layer Vb Neurons in Heterozygous <i>Disc1</i> Mutant, a Mouse Model of Schizophrenia. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 605029.	0.9	3
42	Interplay of Prenatal and Postnatal Risk Factors in the Behavioral and Histological Features of a "Two-Hit" Non-Genetic Mouse Model of Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8518.	1.8	2
43	Neonatal exposure to fluoxetine affects the dendritic structures of layer IV spiny stellate cells in the rat barrel cortex. <i>FASEB Journal</i> , 2008, 22, 28-28.	0.2	0
44	Short-term bilateral whisker removal from birth causes long-lasting changes in the structure and function of the somatosensory system. <i>FASEB Journal</i> , 2009, 23, 835.4.	0.2	0