

Hui-Ching Lin

List of Publications by Year in descending order

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44
papers

1,012
citations

394286

19
h-index

454834

30
g-index

44
all docs

44
docs citations

44
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal exposure to di-(2-ethylhexyl) phthalate exposure deregulates blood pressure, adiposity, cholesterol metabolism and social interaction in mouse offspring. <i>Archives of Toxicology</i> , 2016, 90, 1211-1224.	1.9	78
2	The Amygdala Excitatory/Inhibitory Balance in a Valproate-Induced Rat Autism Model. <i>PLoS ONE</i> , 2013, 8, e55248.	1.1	78
3	Role of transient receptor potential ankyrin 1 channels in Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2016, 13, 92.	3.1	77
4	Block of \hat{I}^3 -Aminobutyric Acid-A Receptor Insertion in the Amygdala Impairs Extinction of Conditioned Fear. <i>Biological Psychiatry</i> , 2009, 66, 665-673.	0.7	62
5	Augmentation of Fear Extinction by D-Cycloserine is Blocked by Proteasome Inhibitors. <i>Neuropsychopharmacology</i> , 2008, 33, 3085-3095.	2.8	45
6	Therapeutic effect of berberine on TDP-43-related pathogenesis in FTL and ALS. <i>Journal of Biomedical Science</i> , 2016, 23, 72.	2.6	45
7	5-HT1A-receptor agonist modified amygdala activity and amygdala-associated social behavior in a valproate-induced rat autism model. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 2027-2039.	1.0	40
8	GABAA Receptor Endocytosis in the Basolateral Amygdala Is Critical to the Reinstatement of Fear Memory Measured by Fear-Potentiated Startle. <i>Journal of Neuroscience</i> , 2011, 31, 8851-8861.	1.7	35
9	Loss of Transient Receptor Potential Ankyrin 1 Channel Deregulates Emotion, Learning and Memory, Cognition, and Social Behavior in Mice. <i>Molecular Neurobiology</i> , 2017, 54, 3606-3617.	1.9	33
10	Znf179 E3 ligase-mediated TDP-43 polyubiquitination is involved in TDP-43- ubiquitinated inclusions (UBI) (+)-related neurodegenerative pathology. <i>Journal of Biomedical Science</i> , 2018, 25, 76.	2.6	33
11	Activation of mGluR2/3 underlies the effects of N-acetylcystein on amygdala-associated autism-like phenotypes in a valproate-induced rat model of autism. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 219.	1.0	31
12	Acrolein acts as a neurotoxin in the nigrostriatal dopaminergic system of rat: involvement of \hat{I}^{\pm} -synuclein aggregation and programmed cell death. <i>Scientific Reports</i> , 2017, 7, 45741.	1.6	31
13	Dexmedetomidine reduces lipopolysaccharide induced neuroinflammation, sickness behavior, and anhedonia. <i>PLoS ONE</i> , 2018, 13, e0191070.	1.1	31
14	Soluble Epoxide Hydrolase Inhibition Attenuates MPTP-Induced Neurotoxicity in the Nigrostriatal Dopaminergic System: Involvement of \hat{I}^{\pm} -Synuclein Aggregation and ER Stress. <i>Molecular Neurobiology</i> , 2018, 55, 138-144.	1.9	29
15	Targeting the inhibition of fatty acid amide hydrolase ameliorate the endocannabinoid-mediated synaptic dysfunction in a valproic acid-induced rat model of Autism. <i>Neuropharmacology</i> , 2020, 162, 107736.	2.0	27
16	Alleviation of N-Methyl-d-Aspartate Receptor-Dependent Long-Term Depression via Regulation of the Glycogen Synthase Kinase-3 \hat{I}^2 Pathway in the Amygdala of a Valproic Acid-Induced Animal Model of Autism. <i>Molecular Neurobiology</i> , 2017, 54, 5264-5276.	1.9	25
17	D-Cycloserine Ameliorates Autism-Like Deficits by Removing GluA2-Containing AMPA Receptors in a Valproic Acid-Induced Rat Model. <i>Molecular Neurobiology</i> , 2018, 55, 4811-4824.	1.9	23
18	Central Thalamic Deep-Brain Stimulation Alters Striatal-Thalamic Connectivity in Cognitive Neural Behavior. <i>Frontiers in Neural Circuits</i> , 2015, 9, 87.	1.4	22

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19	Protein Kinase C-Dependent Growth-Associated Protein 43 Phosphorylation Regulates Gephyrin Aggregation at Developing GABAergic Synapses. <i>Molecular and Cellular Biology</i> , 2015, 35, 1712-1726.	1.1	21
20	Deep Brain Stimulation Modified Autism-Like Deficits via the Serotonin System in a Valproic Acid-Induced Rat Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2840.	1.8	20
21	Soluble epoxide hydrolase inhibitor enhances synaptic neurotransmission and plasticity in mouse prefrontal cortex. <i>Journal of Biomedical Science</i> , 2015, 22, 94.	2.6	19
22	Mechanism of Intermittent Theta-Burst Stimulation in Synaptic Pathology in the Prefrontal Cortex in an Antidepressant-Resistant Depression Rat Model. <i>Cerebral Cortex</i> , 2021, 31, 575-590.	1.6	18
23	Blockade of soluble epoxide hydrolase attenuates post-ischemic neuronal hyperexcitation and confers resilience against stroke with TrkB activation. <i>Scientific Reports</i> , 2018, 8, 118.	1.6	17
24	Cortical inhibitory and excitatory function in drug-naive generalized anxiety disorder. <i>Brain Stimulation</i> , 2017, 10, 604-608.	0.7	16
25	Important Roles of Ring Finger Protein 112 in Embryonic Vascular Development and Brain Functions. <i>Molecular Neurobiology</i> , 2017, 54, 2286-2300.	1.9	15
26	MR imaging central thalamic deep brain stimulation restored autistic-like social deficits in the rat. <i>Brain Stimulation</i> , 2019, 12, 1410-1420.	0.7	15
27	A proof-of-principle simulation for closed-loop control based on preexisting experimental thalamic DBS-enhanced instrumental learning. <i>Brain Stimulation</i> , 2017, 10, 672-683.	0.7	13
28	Antidepressant-resistant depression is characterized by reduced short- and long-interval cortical inhibition. <i>Psychological Medicine</i> , 2020, 50, 1285-1291.	2.7	13
29	Differential mechanisms of synaptic plasticity for susceptibility and resilience to chronic social defeat stress in male mice. <i>Biochemical and Biophysical Research Communications</i> , 2021, 562, 112-118.	1.0	13
30	Soluble Epoxide Hydrolase Inhibitor and 14,15-Epoxyeicosatrienoic Acid-Facilitated Long-Term Potentiation through cAMP and CaMKII in the Hippocampus. <i>Neural Plasticity</i> , 2017, 2017, 1-14.	1.0	12
31	Ketamine ameliorates severe traumatic event-induced antidepressant-resistant depression in a rat model through ERK activation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 102-113.	2.5	11
32	Glucosamine Enhancement of BDNF Expression and Animal Cognitive Function. <i>Molecules</i> , 2020, 25, 3667.	1.7	10
33	Genetic Deletion of Soluble Epoxide Hydroxylase Causes Anxiety-Like Behaviors in Mice. <i>Molecular Neurobiology</i> , 2019, 56, 2495-2507.	1.9	8
34	Potential therapeutic effect of curcumin, a natural mTOR inhibitor, in tuberous sclerosis complex. <i>Phytomedicine</i> , 2019, 54, 132-139.	2.3	8
35	Modulation of Theta-Band Local Field Potential Oscillations Across Brain Networks With Central Thalamic Deep Brain Stimulation to Enhance Spatial Working Memory. <i>Frontiers in Neuroscience</i> , 2019, 13, 1269.	1.4	7
36	Predictive roles of brain-derived neurotrophic factor Val66Met polymorphism on antidepressant efficacy of different forms of prefrontal brain stimulation monotherapy: A randomized, double-blind, sham-controlled study. <i>Journal of Affective Disorders</i> , 2022, 297, 353-359.	2.0	6

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37	Production of <i>Lactobacillus brevis</i> ProGA28 attenuates stress-related sleep disturbance and modulates the autonomic nervous system and the motor response in anxiety/depression behavioral tests in Wistar-Kyoto rats. <i>Life Sciences</i> , 2022, 288, 120165.	2.0	6
38	A population-based epidemiological study of human T-cell leukemia virus type I infection in Kin-Hu, Kinmen. , 1996, 65, 569-573.		4
39	A Sliced Inverse Regression (SIR) Decoding the Forelimb Movement from Neuronal Spikes in the Rat Motor Cortex. <i>Frontiers in Neuroscience</i> , 2016, 10, 556.	1.4	4
40	Uncovering the Modulatory Interactions of Brain Networks in Cognition with Central Thalamic Deep Brain Stimulation Using Functional Magnetic Resonance Imaging. <i>Neuroscience</i> , 2020, 440, 65-84.	1.1	4
41	Generational synaptic functions of GABA _A receptor $\alpha 3$ subunit deteriorations in an animal model of social deficit. <i>Journal of Biomedical Science</i> , 2022, 29, .	2.6	3
42	Increased GABAergic inhibitory function against ischemic long-term potentiation in the CA1 region of the hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 491-496.	1.0	2
43	A population-based epidemiological study of human T-cell leukemia virus type I infection in Kin-Hu, Kinmen. <i>International Journal of Cancer</i> , 1996, 65, 569-573.	2.3	1
44	Anti-neuroinflammation and antidepressant effects of Schisandrin B in mice. <i>FASEB Journal</i> , 2013, 27, 1099.5.	0.2	1