

Ling Chen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6495117/ling-chen-publications-by-year.pdf>

Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

123 papers	3,015 citations	33 h-index	47 g-index
124 ext. papers	3,596 ext. citations	5 avg, IF	5.13 L-index

#	Paper	IF	Citations
123	Exposure of male mice to perfluorooctanoic acid induces anxiety-like behaviors by increasing corticotropin-releasing factor in the basolateral amygdala complex. <i>Chemosphere</i> , 2022 , 287, 132170	8.4	0
122	Akt3-mTOR regulates hippocampal neurogenesis in adult mouse. <i>Journal of Neurochemistry</i> , 2021 , 159, 498-511	6	1
121	Prenatal exposure of female mice to perfluorononanoic acid delays pubertal activation of the reproductive endocrine axis through enhanced hepatic FGF21 production. <i>Chemosphere</i> , 2021 , 269, 128774	8.7	1
120	Increased miR-187-3p expression after cerebral ischemia/reperfusion induces apoptosis via initiation of endoplasmic reticulum stress. <i>Neuroscience Letters</i> , 2021 , 759, 135947	3.3	0
119	Exposure of female mice to perfluorooctanoic acid suppresses hypothalamic kisspeptin-reproductive endocrine system through enhanced hepatic fibroblast growth factor 21 synthesis, leading to ovulation failure and prolonged dioestrus. <i>Journal of Neuroendocrinology</i> , 2021 , 43, 109916	3.8	4
118	Dopaminergic afferents from midbrain to dorsolateral bed nucleus of stria terminalis inhibit release and expression of corticotropin-releasing hormone in paraventricular nucleus. <i>Journal of Neurochemistry</i> , 2020 , 154, 218-234	6	1
117	Oligomer β -amyloid Induces Hyperactivation of Ras to Impede NMDA Receptor-Dependent Long-Term Potentiation in Hippocampal CA1 of Mice. <i>Frontiers in Pharmacology</i> , 2020 , 11, 595360	5.6	2
116	miR-187-3p inhibitor attenuates cerebral ischemia/reperfusion injury by regulating Seipin-mediated autophagic flux. <i>International Journal of Molecular Medicine</i> , 2020 , 46, 1051-1062	4.4	5
115	Farnesyl Transferase Inhibitor Lonafarnib Enhances α 7nAChR Expression Through Inhibiting DNA Methylation of CHRNA7 and Increases α 7nAChR Membrane Trafficking. <i>Frontiers in Pharmacology</i> , 2020 , 11, 589780	5.6	0
114	Exposure of adult mice to perfluorobutanesulfonate impacts ovarian functions through hypothyroxinemia leading to down-regulation of Akt-mTOR signaling. <i>Chemosphere</i> , 2020 , 244, 125497	8.4	2
113	Heterozygous deletion of Seipin in islet beta cells of male mice has an impact on insulin synthesis and secretion through reduced PPAR δ expression. <i>Diabetologia</i> , 2020 , 63, 338-350	10.3	4
112	Estradiol Replacement at the Critical Period Protects Hippocampal Neural Stem Cells to Improve Cognition in APP/PS1 Mice. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 240	5.3	8
111	Expression of the RNA methyltransferase Nsun5 is essential for developing cerebral cortex. <i>Molecular Brain</i> , 2019 , 12, 74	4.5	13
110	No reliable gray matter changes in essential tremor. <i>Neurological Sciences</i> , 2019 , 40, 2051-2063	3.5	11
109	IL-10 secreted by cancer-associated macrophages regulates proliferation and invasion in gastric cancer cells via c-Met/STAT3 signaling. <i>Oncology Reports</i> , 2019 , 42, 595-604	3.5	25
108	Agensis and Hypomyelination of Corpus Callosum in Mice Lacking Nsun5, an RNA Methyltransferase. <i>Cells</i> , 2019 , 8,	7.9	8
107	TRPV4-induced inflammatory response is involved in neuronal death in pilocarpine model of temporal lobe epilepsy in mice. <i>Cell Death and Disease</i> , 2019 , 10, 386	9.8	41

106	Activation of spinal Extracellular Signal-Regulated Kinases and c-jun N-terminal kinase signaling pathways contributes to morphine-induced acute and chronic hyperalgesia in mice. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 15045-15056	4.7	3
105	Seipin deletion in mice enhances phosphorylation and aggregation of tau protein through reduced neuronal PPAR α and insulin resistance. <i>Neurobiology of Disease</i> , 2019 , 127, 350-361	7.5	4
104	NO in the dPAG modulates panic-like responses and ASIC1a expression in the prefrontal cortex and hippocampus in mice. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 511, 274-279	3.4	3
103	Akt3 deletion in mice impairs spatial cognition and hippocampal CA1 long long-term potentiation through downregulation of mTOR. <i>Acta Physiologica</i> , 2019 , 225, e13167	5.6	10
102	Reduced serotonin impairs long-term depression in basolateral amygdala complex and causes anxiety-like behaviors in a mouse model of perimenopause. <i>Experimental Neurology</i> , 2019 , 321, 113030	5.7	7
101	Dorsal hypothalamic dopaminergic neurons play an inhibitory role in the hypothalamic-pituitary-adrenal axis via activation of D2R in mice. <i>Acta Physiologica</i> , 2019 , 225, e13187	5.6	4
100	Exposure of pregnant mice to triclosan causes hyperphagic obesity of offspring via the hypermethylation of proopiomelanocortin promoter. <i>Archives of Toxicology</i> , 2019 , 93, 547-558	5.8	9
99	Cognitive deficits in mice lacking Nsun5, a cytosine-5 RNA methyltransferase, with impairment of oligodendrocyte precursor cells. <i>Glia</i> , 2019 , 67, 688-702	9	11
98	Seipin deficiency in mice causes loss of dopaminergic neurons via aggregation and phosphorylation of β -synuclein and neuroinflammation. <i>Cell Death and Disease</i> , 2018 , 9, 440	9.8	9
97	Transient Receptor Potential Vanilloid 4 Activation-Induced Increase in Glycine-Activated Current in Mouse Hippocampal Pyramidal Neurons. <i>Cellular Physiology and Biochemistry</i> , 2018 , 45, 1084-1096	3.9	6
96	Ras inhibitor S-trans, trans-farnesylthiosalicylic acid enhances spatial memory and hippocampal long-term potentiation via up-regulation of NMDA receptor. <i>Neuropharmacology</i> , 2018 , 139, 257-267	5.5	7
95	Simvastatin Enhances Activity and Trafficking of α 7 Nicotinic Acetylcholine Receptor in Hippocampal Neurons Through PKC and CaMKII Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2018 , 9, 362	5.6	10
94	Huatuo Zaizao pill ameliorates cognitive impairment of APP/PS1 transgenic mice by improving synaptic plasticity and reducing A β deposition. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 167	4.7	8
93	Impact of Triclosan on Female Reproduction through Reducing Thyroid Hormones to Suppress Hypothalamic Kisspeptin Neurons in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 6	6.1	13
92	Sigma-1 receptor activation alleviates blood-brain barrier dysfunction in vascular dementia mice. <i>Experimental Neurology</i> , 2018 , 308, 90-99	5.7	15
91	Association of Perfluoroalkyl and Polyfluoroalkyl Substances With Premature Ovarian Insufficiency in Chinese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2543-2551	5.6	38
90	Impact of Perfluorooctane Sulfonate on Reproductive Ability of Female Mice through Suppression of Estrogen Receptor α -Activated Kisspeptin Neurons. <i>Toxicological Sciences</i> , 2018 , 165, 475-486	4.4	14
89	Helicobacter pylori-induced exosomal MET educates tumour-associated macrophages to promote gastric cancer progression. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 5708-5719	5.6	31

88	Mechanism of nitric oxide and acid-sensing ion channel 1a modulation of panic-like behaviour in the dorsal periaqueductal grey of the mouse. <i>Behavioural Brain Research</i> , 2018 , 353, 32-39	3.4	5
87	Activation of Sigma-1 Receptor Alleviates Postpartum Estrogen Withdrawal-Induced "Depression" Through Restoring Hippocampal nNOS-NO-CREB Activities in Mice. <i>Molecular Neurobiology</i> , 2017 , 54, 3017-3030	6.2	12
86	Sigma-1 receptor deficiency reduces GABAergic inhibition in the basolateral amygdala leading to LTD impairment and depressive-like behaviors. <i>Neuropharmacology</i> , 2017 , 116, 387-398	5.5	17
85	Neurosteroid dehydroepiandrosterone enhances activity and trafficking of astrocytic GLT-1 via σ receptor-mediated PKC activation in the hippocampal dentate gyrus of rats. <i>Glia</i> , 2017 , 65, 1491-1503	9	8
84	Sigma-1 receptor in brain ischemia/reperfusion: Possible role in the NR2A-induced pathway to regulate brain-derived neurotrophic factor. <i>Journal of the Neurological Sciences</i> , 2017 , 376, 166-175	3.2	13
83	Exposure of pregnant mice to triclosan impairs placental development and nutrient transport. <i>Scientific Reports</i> , 2017 , 7, 44803	4.9	23
82	Abnormal mitochondrial dynamics and impaired mitochondrial biogenesis in trigeminal ganglion neurons in a rat model of migraine. <i>Neuroscience Letters</i> , 2017 , 636, 127-133	3.3	19
81	Effects of resveratrol on rat neurosteroid synthetic enzymes. <i>Floterap</i> , 2017 , 122, 61-66	3.2	2
80	Inhibition of PDE2 reverses beta amyloid induced memory impairment through regulation of PKA/PKG-dependent neuro-inflammatory and apoptotic pathways. <i>Scientific Reports</i> , 2017 , 7, 12044	4.9	25
79	Exposure of Pregnant Mice to Triclosan Causes Insulin Resistance via Thyroxine Reduction. <i>Toxicological Sciences</i> , 2017 , 160, 150-160	4.4	11
78	Sigma-1 receptor knockout increases β -synuclein aggregation and phosphorylation with loss of dopaminergic neurons in substantia nigra. <i>Neurobiology of Aging</i> , 2017 , 59, 171-183	5.6	23
77	Postpartum estrogen withdrawal impairs GABAergic inhibition and LTD induction in basolateral amygdala complex via down-regulation of GPR30. <i>European Neuropsychopharmacology</i> , 2017 , 27, 759-772	12	16
76	Activation of Transient Receptor Potential Vanilloid 4 Promotes the Proliferation of Stem Cells in the Adult Hippocampal Dentate Gyrus. <i>Molecular Neurobiology</i> , 2017 , 54, 5768-5779	6.2	7
75	Impaired Spatial Learning is Associated with Disrupted Integrity of the White Matter in Akt3 Knockout Mice. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 99-102	6.8	8
74	Exposure of Pregnant Mice to Perfluorobutanesulfonate Causes Hypothyroxinemia and Developmental Abnormalities in Female Offspring. <i>Toxicological Sciences</i> , 2017 , 155, 409-419	4.4	24
73	Activation of Transient Receptor Potential Vanilloid 4 Impairs the Dendritic Arborization of Newborn Neurons in the Hippocampal Dentate Gyrus through the AMPK and Akt Signaling Pathways. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 190	6.1	6
72	MPTP-Induced Dopamine Depletion in Basolateral Amygdala Decrease of D2R Activation Suppresses GABA Receptors Expression and LTD Induction Leading to Anxiety-Like Behaviors. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 247	6.1	10
71	Hyperactivity of Hypothalamic-Pituitary-Adrenal Axis Due to Dysfunction of the Hypothalamic Glucocorticoid Receptor in Sigma-1 Receptor Knockout Mice. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 287	6.1	18

70	Resveratrol-induced antinociception is involved in calcium channels and calcium/cafeine-sensitive pools. <i>Oncotarget</i> , 2017 , 8, 9399-9409	3.3	12
69	Simvastatin Enhances Spatial Memory and Long-Term Potentiation in Hippocampal CA1 via Upregulation of α Nicotinic Acetylcholine Receptor. <i>Molecular Neurobiology</i> , 2016 , 53, 4060-4072	6.2	15
68	Lack of JWA Enhances Neurogenesis and Long-Term Potentiation in Hippocampal Dentate Gyrus Leading to Spatial Cognitive Potentiation. <i>Molecular Neurobiology</i> , 2016 , 53, 355-368	6.2	13
67	Activation of Transient Receptor Potential Vanilloid 4 is Involved in Neuronal Injury in Middle Cerebral Artery Occlusion in Mice. <i>Molecular Neurobiology</i> , 2016 , 53, 8-17	6.2	54
66	Dose-Dependent Neuroprotection and Neurotoxicity of Simvastatin through Reduction of Farnesyl Pyrophosphate in Mice Treated with Intracerebroventricular Injection of A β -42. <i>Journal of Alzheimers Disease</i> , 2016 , 50, 501-16	4.3	10
65	Neuronal seipin knockout facilitates A β -induced neuroinflammation and neurotoxicity via reduction of PPAR γ in hippocampus of mouse. <i>Journal of Neuroinflammation</i> , 2016 , 13, 145	10.1	21
64	Atorvastatin in improvement of cognitive impairments caused by amyloid β in mice: involvement of inflammatory reaction. <i>BMC Neurology</i> , 2016 , 16, 18	3.1	17
63	Transient Receptor Potential Vanilloid 4-Induced Modulation of Voltage-Gated Sodium Channels in Hippocampal Neurons. <i>Molecular Neurobiology</i> , 2016 , 53, 759-768	6.2	7
62	Postpartum estrogen withdrawal impairs hippocampal neurogenesis and causes depression- and anxiety-like behaviors in mice. <i>Psychoneuroendocrinology</i> , 2016 , 66, 138-49	5	35
61	Exposure of preimplantation embryos to low-dose bisphenol A impairs testes development and suppresses histone acetylation of StAR promoter to reduce production of testosterone in mice. <i>Molecular and Cellular Endocrinology</i> , 2016 , 427, 101-11	4.4	42
60	Simvastatin enhances NMDA receptor GluN2B expression and phosphorylation of GluN2B and GluN2A through increased histone acetylation and Src signaling in hippocampal CA1 neurons. <i>Neuropharmacology</i> , 2016 , 107, 411-421	5.5	16
59	Activation of PPAR γ Ameliorates Spatial Cognitive Deficits through Restoring Expression of AMPA Receptors in Seipin Knock-Out Mice. <i>Journal of Neuroscience</i> , 2016 , 36, 1242-53	6.6	23
58	Increased Expressions of Plasma Galectin-3 in Patients with Amyotrophic Lateral Sclerosis. <i>Chinese Medical Journal</i> , 2016 , 129, 2797-2803	2.9	14
57	Transient Receptor Potential Vanilloid 4 Inhibits γ -Aminobutyric Acid-Activated Current in Hippocampal Pyramidal Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 77	6.1	8
56	MPTP Impairs Dopamine D1 Receptor-Mediated Survival of Newborn Neurons in Ventral Hippocampus to Cause Depressive-Like Behaviors in Adult Mice. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 101	6.1	18
55	Increased Brain-Specific MiR-9 and MiR-124 in the Serum Exosomes of Acute Ischemic Stroke Patients. <i>PLoS ONE</i> , 2016 , 11, e0163645	3.7	130
54	Sex-related neurogenesis decrease in hippocampal dentate gyrus with depressive-like behaviors in sigma-1 receptor knockout mice. <i>European Neuropsychopharmacology</i> , 2015 , 25, 1275-86	1.2	25
53	Perinatal exposure to low-dose of bisphenol A causes anxiety-like alteration in adrenal axis regulation and behaviors of rat offspring: a potential role for metabotropic glutamate 2/3 receptors. <i>Journal of Psychiatric Research</i> , 2015 , 64, 121-9	5.2	29

52	Involvement of sigma-1 receptor in astrocyte activation induced by methamphetamine via up-regulation of its own expression. <i>Journal of Neuroinflammation</i> , 2015 , 12, 29	10.1	50
51	CART treatment improves memory and synaptic structure in APP/PS1 mice. <i>Scientific Reports</i> , 2015 , 5, 10224	4.9	25
50	Seipin knockout in mice impairs stem cell proliferation and progenitor cell differentiation in the adult hippocampal dentate gyrus via reduced levels of PPAR α . <i>DMM Disease Models and Mechanisms</i> , 2015 , 8, 1615-24	4.1	13
49	Chronic Exposure of Female Mice to an Environmental Level of Perfluorooctane Sulfonate Suppresses Estrogen Synthesis Through Reduced Histone H3K14 Acetylation of the StAR Promoter Leading to Deficits in Follicular Development and Ovulation. <i>Toxicological Sciences</i> , 2015 , 148, 368-79	4.4	35
48	Simvastatin prevents β amyloid(25-35)-impaired neurogenesis in hippocampal dentate gyrus through α 7nAChR-dependent cascading PI3K-Akt and increasing BDNF via reduction of farnesyl pyrophosphate. <i>Neuropharmacology</i> , 2015 , 97, 122-32	5.5	48
47	Sigma-1 (σ)receptor deficiency reduces β amyloid(25-35)-induced hippocampal neuronal cell death and cognitive deficits through suppressing phosphorylation of the NMDA receptor NR2B. <i>Neuropharmacology</i> , 2015 , 89, 215-24	5.5	22
46	Increasing radiosensitivity with the downregulation of cofilin-1 in U251 human glioma cells. <i>Molecular Medicine Reports</i> , 2015 , 11, 3354-60	2.9	12
45	Triclosan causes spontaneous abortion accompanied by decline of estrogen sulfotransferase activity in humans and mice. <i>Scientific Reports</i> , 2015 , 5, 18252	4.9	57
44	Obesity-associated microRNA-26b regulates the proliferation of human preadipocytes via arrest of the G1/S transition. <i>Molecular Medicine Reports</i> , 2015 , 12, 3648-3654	2.9	12
43	miR-148a is Associated with Obesity and Modulates Adipocyte Differentiation of Mesenchymal Stem Cells through Wnt Signaling. <i>Scientific Reports</i> , 2015 , 5, 9930	4.9	108
42	RGS22 inhibits pancreatic adenocarcinoma cell migration through the G12/13 β subunit/F-actin pathway. <i>Oncology Reports</i> , 2015 , 34, 2507-14	3.5	9
41	Hypothalamic-pituitary-adrenal axis hyperactivity accounts for anxiety- and depression-like behaviors in rats perinatally exposed to bisphenol A. <i>Journal of Biomedical Research</i> , 2015 , 29, 250-8	1.5	34
40	Chemical stimulation of the intracranial dura activates NALP3 inflammasome in trigeminal ganglia neurons. <i>Brain Research</i> , 2014 , 1566, 1-11	3.7	22
39	Deficits in cognitive function and hippocampal plasticity in GM2/GD2 synthase knockout mice. <i>Hippocampus</i> , 2014 , 24, 369-82	3.5	12
38	Bisphenol A enhances kisspeptin neurons in anteroventral periventricular nucleus of female mice. <i>Journal of Endocrinology</i> , 2014 , 221, 201-13	4.7	43
37	MiR-146b is a regulator of human visceral preadipocyte proliferation and differentiation and its expression is altered in human obesity. <i>Molecular and Cellular Endocrinology</i> , 2014 , 393, 65-74	4.4	73
36	Lack of seipin in neurons results in anxiety- and depression-like behaviors via down regulation of PPAR α . <i>Human Molecular Genetics</i> , 2014 , 23, 4094-102	5.6	36
35	Sex differences in the adult HPA axis and affective behaviors are altered by perinatal exposure to a low dose of bisphenol A. <i>Brain Research</i> , 2014 , 1571, 12-24	3.7	52

34	Measurement of fetal abdominal and subscapular subcutaneous tissue thickness during pregnancy to predict macrosomia: a pilot study. <i>PLoS ONE</i> , 2014 , 9, e93077	3.7	4
33	Expression of microRNA-26b, an obesity-related microRNA, is regulated by free fatty acids, glucose, dexamethasone and growth hormone in human adipocytes. <i>Molecular Medicine Reports</i> , 2014 , 10, 223-8	2.9	21
32	Expression of obesity-related miR-1908 in human adipocytes is regulated by adipokines, free fatty acids and hormones. <i>Molecular Medicine Reports</i> , 2014 , 10, 1164-9	2.9	16
31	Pro-neurogenesis and anti-dementia properties of tetradecyl 2,3-dihydroxybenzoate through TrkA receptor-mediated signalling pathways. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1847-61	5.8	8
30	Simvastatin exerts anti-amnesic effect in A β 5-35-injected mice. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 218-26	6.8	19
29	Sigma-1 receptor knockout impairs neurogenesis in dentate gyrus of adult hippocampus via down-regulation of NMDA receptors. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 705-13	6.8	47
28	Persistent overexpression of DNA methyltransferase 1 attenuating GABAergic inhibition in basolateral amygdala accounts for anxiety in rat offspring exposed perinatally to low-dose bisphenol A. <i>Journal of Psychiatric Research</i> , 2013 , 47, 1535-44	5.2	38
27	Donepezil attenuates memory deficits by targeting β -amyloid in APP/PS1 transgenic mice. <i>Aging Cell</i> , 2013 , 12, 85-92	9.9	17
26	Transient receptor potential vanilloid 4 mediates hypotonicity-induced enhancement of synaptic transmission in hippocampal slices. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 854-62	6.8	18
25	Activation of Transient Receptor Potential Vanilloid 4 Increases NMDA-Activated Current in Hippocampal Pyramidal Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 17	6.1	47
24	Low dose bisphenol A impairs spermatogenesis by suppressing reproductive hormone production and promoting germ cell apoptosis in adult rats. <i>Journal of Biomedical Research</i> , 2013 , 27, 135-44	1.5	71
23	Abnormal neurogenesis in the dentate gyrus of adult mice lacking 1,25-dihydroxy vitamin D3 (1,25-(OH) $_2$ D3). <i>Hippocampus</i> , 2012 , 22, 421-33	3.5	32
22	DHEAS induces short-term potentiation via the activation of a metabotropic glutamate receptor in the rat hippocampus. <i>Hippocampus</i> , 2012 , 22, 707-22	3.5	11
21	Anti-amnesic effect of neurosteroid PREGS in A β 5-35-injected mice through α 7 receptor- and α 7nAChR-mediated neuroprotection. <i>Neuropharmacology</i> , 2012 , 63, 1042-50	5.5	55
20	Neurosteroid PREGS protects neurite growth and survival of newborn neurons in the hippocampal dentate gyrus of APP ^{swe} /PS1 ^{dE9} mice. <i>Current Alzheimer Research</i> , 2012 , 9, 361-72	3	22
19	Increase of anteroventral periventricular kisspeptin neurons and generation of E2-induced LH-surge system in male rats exposed perinatally to environmental dose of bisphenol-A. <i>Endocrinology</i> , 2011 , 152, 1562-71	4.8	51
18	Pregnenolone sulfate enhances survival of adult-generated hippocampal granule cells via sustained presynaptic potentiation. <i>Neuropharmacology</i> , 2011 , 60, 529-41	5.5	16
17	Abnormal synaptic plasticity in basolateral amygdala may account for hyperactivity and attention-deficit in male rat exposed perinatally to low-dose bisphenol-A. <i>Neuropharmacology</i> , 2011 , 60, 789-98	5.5	60

16	Impairment of spatial learning and memory in transgenic mice overexpressing human fibroblast growth factor-23. <i>Brain Research</i> , 2011 , 1412, 9-17	3.7	27
15	Structure-activity relationships of neuritogenic gentiside derivatives. <i>ChemMedChem</i> , 2011 , 6, 1986-9	3.7	13
14	Treatment with progesterone after focal cerebral ischemia suppresses proliferation of progenitor cells but enhances survival of newborn neurons in adult male mice. <i>Neuropharmacology</i> , 2010 , 58, 930-9	5.5	35
13	DHEA prevents A β 5-35-impaired survival of newborn neurons in the dentate gyrus through a modulation of PI3K-Akt-mTOR signaling. <i>Neuropharmacology</i> , 2010 , 59, 323-33	5.5	72
12	Progesterone promotes the survival of newborn neurons in the dentate gyrus of adult male mice. <i>Hippocampus</i> , 2010 , 20, 402-12	3.5	70
11	Modulatory metaplasticity induced by pregnenolone sulfate in the rat hippocampus: a leftward shift in LTP/LTD-frequency curve. <i>Hippocampus</i> , 2010 , 20, 499-512	3.5	23
10	DMXB (GTS-21) ameliorates the cognitive deficits in beta amyloid(25-35(-)) injected mice through preventing the dysfunction of alpha7 nicotinic receptor. <i>Journal of Neuroscience Research</i> , 2010 , 88, 1784-94	4.4	33
9	DHEA-neuroprotection and -neurotoxicity after transient cerebral ischemia in rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 287-96	7.3	52
8	Ethanol attenuates the HFS-induced, ERK-mediated LTP in a dose-dependent manner in rat striatum. <i>Alcoholism: Clinical and Experimental Research</i> , 2009 , 33, 121-8	3.7	18
7	Two different molecular mechanisms underlying progesterone neuroprotection against ischemic brain damage. <i>Neuropharmacology</i> , 2008 , 55, 127-38	5.5	117
6	PREGS induces LTP in the hippocampal dentate gyrus of adult rats via the tyrosine phosphorylation of NR2B coupled to ERK/CREB [corrected] signaling. <i>Journal of Neurophysiology</i> , 2007 , 98, 1538-48	3.2	36
5	alpha7 Nicotinic acetylcholine receptor as a target to rescue deficit in hippocampal LTP induction in beta-amyloid infused rats. <i>Neuropharmacology</i> , 2006 , 50, 254-68	5.5	93
4	Chronic administration of dehydroepiandrosterone sulfate (DHEAS) primes for facilitated induction of long-term potentiation via sigma 1 (sigma1) receptor: optical imaging study in rat hippocampal slices. <i>Neuropharmacology</i> , 2006 , 50, 380-92	5.5	43
3	Chronic DHEAS administration facilitates hippocampal long-term potentiation via an amplification of Src-dependent NMDA receptor signaling. <i>Neuropharmacology</i> , 2006 , 51, 659-70	5.5	31
2	Dehydroepiandrosterone sulfate prevents ischemia-induced impairment of long-term potentiation in rat hippocampal CA1 by up-regulating tyrosine phosphorylation of NMDA receptor. <i>Neuropharmacology</i> , 2006 , 51, 958-66	5.5	34
1	Presynaptic modulation of synaptic transmission by pregnenolone sulfate as studied by optical recordings. <i>Journal of Neurophysiology</i> , 2005 , 94, 4131-44	3.2	38