

# Lin Xu

## List of Publications by Year in descending order

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276  
papers

16,610  
citations

15504

65  
h-index

22166

113  
g-index

285  
all docs

285  
docs citations

285  
times ranked

20820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.	12.6	895
2	Behavioural stress facilitates the induction of long-term depression in the hippocampus. <i>Nature</i> , 1997, 387, 497-500.	27.8	467
3	Characterization of MADS-domain transcription factor complexes in <i>Arabidopsis</i> flower development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1560-1565.	7.1	439
4	<i>WOX11</i> and <i>WOX12</i> Are Involved in the First-Step Cell Fate Transition during de Novo Root Organogenesis in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 1081-1093.	6.6	415
5	Acute Cannabinoids Impair Working Memory through Astroglial CB1 Receptor Modulation of Hippocampal LTD. <i>Cell</i> , 2012, 148, 1039-1050.	28.9	410
6	<i>Novella1</i> and <i>Novella2</i> defects in leaf adaxial-abaxial polarity reveal the requirement for <i>ASYMMETRIC LEAVES1</i> and <i>ERECTA</i> functions in specifying leaf adaxial identity. <i>Development (Cambridge)</i> , 2003, 130, 4097-4107.	2.5	322
7	Coupling between NMDA Receptor and Acid-Sensing Ion Channel Contributes to Ischemic Neuronal Death. <i>Neuron</i> , 2005, 48, 635-646.	8.1	305
8	Genome of the Chinese tree shrew. <i>Nature Communications</i> , 2013, 4, 1426.	12.8	284
9	Di- and Tri- but Not Monomethylation on Histone H3 Lysine 36 Marks Active Transcription of Genes Involved in Flowering Time Regulation and Other Processes in <i>Arabidopsis thaliana</i> . <i>Molecular and Cellular Biology</i> , 2008, 28, 1348-1360.	2.3	283
10	Processing of visually evoked innate fear by a non-canonical thalamic pathway. <i>Nature Communications</i> , 2015, 6, 6756.	12.8	260
11	Spatial exploration induces a persistent reversal of long-term potentiation in rat hippocampus. <i>Nature</i> , 1998, 394, 891-894.	27.8	255
12	Polycomb Silencing of <i>KNOX</i> Genes Confines Shoot Stem Cell Niches in <i>Arabidopsis</i> . <i>Current Biology</i> , 2008, 18, 1966-1971.	3.9	246
13	Decreased regional homogeneity in schizophrenia: a resting state functional magnetic resonance imaging study. <i>NeuroReport</i> , 2006, 17, 19-22.	1.2	237
14	Differential TOR activation and cell proliferation in <i>Arabidopsis</i> root and shoot apices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2765-2770.	7.1	233
15	A Two-Step Model for de Novo Activation of <i>WUSCHEL</i> during Plant Shoot Regeneration. <i>Plant Cell</i> , 2017, 29, 1073-1087.	6.6	229
16	Glucocorticoid receptor and protein/RNA synthesis-dependent mechanisms underlie the control of synaptic plasticity by stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 3204-3208.	7.1	220
17	Jasmonate-mediated wound signalling promotes plant regeneration. <i>Nature Plants</i> , 2019, 5, 491-497.	9.3	216
18	Transcription Factors <i>WOX11/12</i> Directly Activate <i>WOX5/7</i> to Promote Root Primordia Initiation and Organogenesis. <i>Plant Physiology</i> , 2016, 172, 2363-2373.	4.8	211

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19	Reprogramming of H3K27me3 Is Critical for Acquisition of Pluripotency from Cultured Arabidopsis Tissues. <i>PLoS Genetics</i> , 2012, 8, e1002911.	3.5	202
20	A neural circuit for comorbid depressive symptoms in chronic pain. <i>Nature Neuroscience</i> , 2019, 22, 1649-1658.	14.8	175
21	Characterization of Acid-sensing Ion Channels in Dorsal Horn Neurons of Rat Spinal Cord. <i>Journal of Biological Chemistry</i> , 2004, 279, 43716-43724.	3.4	169
22	The Putative RNA-Dependent RNA Polymerase RDR6 Acts Synergistically with ASYMMETRIC LEAVES1 and 2 to Repress BREVIPEDICELLUS and MicroRNA165/166 in Arabidopsis Leaf Development. <i>Plant Cell</i> , 2005, 17, 2157-2171.	6.6	168
23	Plant fertility defects induced by the enhanced expression of microRNA167. <i>Cell Research</i> , 2006, 16, 457-465.	12.0	167
24	White Matter Abnormalities in First-Episode, Treatment-Naive Young Adults With Major Depressive Disorder. <i>American Journal of Psychiatry</i> , 2007, 164, 823-826.	7.2	162
25	The E2 ubiquitinâ€conjugating enzymes, AtUBC1 and AtUBC2, play redundant roles and are involved in activation of <i>FLC</i> expression and repression of flowering in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2009, 57, 279-288.	5.7	162
26	<i>YUCCA</i> -mediated auxin biogenesis is required for cell fate transition occurring during <i>de novo</i> root organogenesis in Arabidopsis. <i>Journal of Experimental Botany</i> , 2016, 67, 4273-4284.	4.8	156
27	Early-life inflammation promotes depressive symptoms in adolescence via microglial engulfment of dendritic spines. <i>Neuron</i> , 2021, 109, 2573-2589.e9.	8.1	149
28	Upregulation of Acid-Sensing Ion Channel ASIC1a in Spinal Dorsal Horn Neurons Contributes to Inflammatory Pain Hypersensitivity. <i>Journal of Neuroscience</i> , 2007, 27, 11139-11148.	3.6	148
29	Antistress Effect of TRPV1 Channel on Synaptic Plasticity and Spatial Memory. <i>Biological Psychiatry</i> , 2008, 64, 286-292.	1.3	143
30	Prenatal stress modifies hippocampal synaptic plasticity and spatial learning in young rat offspring. <i>Hippocampus</i> , 2006, 16, 431-436.	1.9	140
31	Mechanistic understanding the bioeffects of ultrasound-driven microbubbles to enhance macromolecule delivery. <i>Journal of Controlled Release</i> , 2018, 272, 169-181.	9.9	134
32	Enriched environment experience overcomes the memory deficits and depressive-like behavior induced by early life stress. <i>Neuroscience Letters</i> , 2006, 404, 208-212.	2.1	129
33	White matter integrity of the whole brain is disrupted in first-episode schizophrenia. <i>NeuroReport</i> , 2006, 17, 23-26.	1.2	129
34	Genetic and Epigenetic Controls of Plant Regeneration. <i>Current Topics in Developmental Biology</i> , 2014, 108, 1-33.	2.2	126
35	Arabidopsis Flower and Embryo Developmental Genes are Repressed in Seedlings by Different Combinations of Polycomb Group Proteins in Association with Distinct Sets of Cis-regulatory Elements. <i>PLoS Genetics</i> , 2016, 12, e1005771.	3.5	125
36	Enhanced contextual fear memory in central serotonin-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11981-11986.	7.1	122

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37	Prefrontal white matter abnormalities in young adult with major depressive disorder: A diffusion tensor imaging study. <i>Brain Research</i> , 2007, 1168, 124-128.	2.2	115
38	De novo root regeneration from leaf explants: wounding, auxin, and cell fate transition. <i>Current Opinion in Plant Biology</i> , 2018, 41, 39-45.	7.1	113
39	Decreased mitochondrial DNA copy number in the hippocampus and peripheral blood during opiate addiction is mediated by autophagy and can be salvaged by melatonin. <i>Autophagy</i> , 2013, 9, 1395-1406.	9.1	112
40	Enriched environment treatment restores impaired hippocampal synaptic plasticity and cognitive deficits induced by prenatal chronic stress. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 257-263.	1.9	108
41	Brain volume alteration and the correlations with the clinical characteristics in drug-naïve first-episode MDD patients: A voxel-based morphometry study. <i>Neuroscience Letters</i> , 2010, 480, 30-34.	2.1	105
42	<i>YUCCA</i> Genes Are Expressed in Response to Leaf Adaxial-Abaxial Juxtaposition and Are Required for Leaf Margin Development. <i>Plant Physiology</i> , 2011, 157, 1805-1819.	4.8	105
43	<i>SET DOMAIN GROUP25</i> Encodes a Histone Methyltransferase and Is Involved in <i>FLOWERING LOCUS C</i> Activation and Repression of Flowering. <i>Plant Physiology</i> , 2009, 151, 1476-1485.	4.8	102
44	Exposure to chronic constant light impairs spatial memory and influences long-term depression in rats. <i>Neuroscience Research</i> , 2007, 59, 224-230.	1.9	100
45	The <i>WOX11</i> LBD16 Pathway Promotes Pluripotency Acquisition in Callus Cells During De Novo Shoot Regeneration in Tissue Culture. <i>Plant and Cell Physiology</i> , 2018, 59, 739-748.	3.1	99
46	An <i>SHR</i> SCR module specifies legume cortical cell fate to enable nodulation. <i>Nature</i> , 2021, 589, 586-590.	27.8	97
47	Frontal and cingulate gray matter volume reduction in heroin dependence: Optimized voxel-based morphometry. <i>Psychiatry and Clinical Neurosciences</i> , 2009, 63, 563-568.	1.8	91
48	Pluripotency acquisition in the middle cell layer of callus is required for organ regeneration. <i>Nature Plants</i> , 2021, 7, 1453-1460.	9.3	91
49	Non-canonical <i>WOX11</i> -mediated root branching contributes to plasticity in <i>Arabidopsis</i> root system architecture. <i>Development (Cambridge)</i> , 2017, 144, 3126-3133.	2.5	90
50	ISWI proteins participate in the genome-wide nucleosome distribution in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2014, 78, 706-714.	5.7	89
51	Melatonin attenuates MPTP-induced neurotoxicity via preventing CDK5-mediated autophagy and <i>SNCA</i> synuclein aggregation. <i>Autophagy</i> , 2015, 11, 1745-1759.	9.1	88
52	Bell-Shaped D-Serine Actions on Hippocampal Long-Term Depression and Spatial Memory Retrieval. <i>Cerebral Cortex</i> , 2008, 18, 2391-2401.	2.9	86
53	A simple method suitable to study de novo root organogenesis. <i>Frontiers in Plant Science</i> , 2014, 5, 208.	3.6	85
54	Glycine Uptake Regulates Hippocampal Network Activity via Glycine Receptor-Mediated Tonic Inhibition. <i>Neuropsychopharmacology</i> , 2008, 33, 701-711.	5.4	84

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55	Chronic Morphine Treatment Impaired Hippocampal Long-Term Potentiation and Spatial Memory via Accumulation of Extracellular Adenosine Acting on Adenosine A <sub>1</sub> Receptors. <i>Journal of Neuroscience</i> , 2010, 30, 5058-5070.	3.6	84
56	Schizophrenia patients and their healthy siblings share disruption of white matter integrity in the left prefrontal cortex and the hippocampus but not the anterior cingulate cortex. <i>Schizophrenia Research</i> , 2009, 114, 128-135.	2.0	81
57	Effect of acoustic parameters on the cavitation behavior of SonoVue microbubbles induced by pulsed ultrasound. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 176-184.	8.2	80
58	Disrupted White Matter Integrity in Heroin Dependence: A Controlled Study Utilizing Diffusion Tensor Imaging. <i>American Journal of Drug and Alcohol Abuse</i> , 2008, 34, 562-575.	2.1	76
59	LORELEI-LIKE GPI-ANCHORED PROTEINS 2/3 Regulate Pollen Tube Growth as Chaperones and Coreceptors for ANXUR/BUPS Receptor Kinases in Arabidopsis. <i>Molecular Plant</i> , 2019, 12, 1612-1623.	8.3	76
60	Nonlinear effect of climate on plague during the third pandemic in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10214-10219.	7.1	74
61	Stress Enables Synaptic Depression in CA1 Synapses by Acute and Chronic Morphine: Possible Mechanisms for Corticosterone on Opiate Addiction. <i>Journal of Neuroscience</i> , 2004, 24, 2412-2420.	3.6	73
62	GABA Transporter-1 Activity Modulates Hippocampal Theta Oscillation and Theta Burst Stimulation-Induced Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2009, 29, 15836-15845.	3.6	71
63	CDK4/6 regulate lysosome biogenesis through TFEB/TFE3. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	70
64	Imitation Switch chromatin remodeling factors and their interacting RINGLET proteins act together in controlling the plant vegetative phase in Arabidopsis. <i>Plant Journal</i> , 2012, 72, 261-270.	5.7	69
65	ERECTA is required for protection against heat-stress in the AS1 / AS2 pathway to regulate adaxial?abaxial leaf polarity in Arabidopsis. <i>Planta</i> , 2004, 219, 270-276.	3.2	68
66	Chromatin Remodeling in Stem Cell Maintenance in Arabidopsis thaliana. <i>Molecular Plant</i> , 2009, 2, 600-609.	8.3	68
67	Fluoxetine and S-citalopram inhibit M1 activation and promote M2 activation of microglia in vitro. <i>Neuroscience</i> , 2015, 294, 60-68.	2.3	68
68	Morphine induces Beclin 1- and ATG5-dependent autophagy in human neuroblastoma SH-SY5Y cells and in the rat hippocampus. <i>Autophagy</i> , 2010, 6, 386-394.	9.1	67
69	Synaptic P-Rex1 signaling regulates hippocampal long-term depression and autism-like social behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6964-72.	7.1	66
70	How could stress lead to major depressive disorder?. <i>IBRO Reports</i> , 2018, 4, 38-43.	0.3	66
71	A-Type GABA Receptor as a Central Target of TRPM8 Agonist Menthol. <i>PLoS ONE</i> , 2008, 3, e3386.	2.5	65
72	A study of N-methyl-D-aspartate receptor gene (GRIN2B) variants as predictors of treatment-resistant major depression. <i>Psychopharmacology</i> , 2014, 231, 685-693.	3.1	65

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73	Dissociated large-scale functional connectivity networks of the precuneus in medication-naïve first-episode depression. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 250-256.	1.8	65
74	<i>Atg5</i> - and <i>Atg7</i> -dependent autophagy in dopaminergic neurons regulates cellular and behavioral responses to morphine. <i>Autophagy</i> , 2017, 13, 1496-1511.	9.1	65
75	Genetic Interaction between the <i>AS1</i> – <i>AS2</i> and <i>RDR6</i> – <i>SGS3</i> – <i>AGO7</i> Pathways for Leaf Morphogenesis. <i>Plant and Cell Physiology</i> , 2006, 47, 853-863.	3.1	63
76	Abnormal Resting-State Activities and Functional Connectivities of the Anterior and the Posterior Cortices in Medication-Naïve Patients with Obsessive-Compulsive Disorder. <i>PLoS ONE</i> , 2013, 8, e67478.	2.5	62
77	Association of the <i>LRRK2</i> genetic polymorphisms with leprosy in Han Chinese from Southwest China. <i>Genes and Immunity</i> , 2015, 16, 112-119.	4.1	61
78	Morphine conditioned place preference depends on glucocorticoid receptors in both hippocampus and nucleus accumbens. <i>Hippocampus</i> , 2006, 16, 809-813.	1.9	60
79	Auxin-Independent <i>NAC</i> Pathway Acts in Response to Explant-Specific Wounding and Promotes Root Tip Emergence during de Novo Root Organogenesis in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2016, 170, 2136-2145.	4.8	58
80	Calcium-permeable Acid-sensing Ion Channel Is a Molecular Target of the Neurotoxic Metal Ion Lead. <i>Journal of Biological Chemistry</i> , 2006, 281, 2497-2505.	3.4	57
81	The bidirectional effects of hypothyroidism and hyperthyroidism on anxiety- and depression-like behaviors in rats. <i>Hormones and Behavior</i> , 2015, 69, 106-115.	2.1	56
82	Effect of non-acoustic parameters on heterogeneous sonoporation mediated by single-pulse ultrasound and microbubbles. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 107-115.	8.2	56
83	Lead exposure through gestation-only caused long-term learning/memory deficits in young adult offspring. <i>Experimental Neurology</i> , 2003, 184, 489-495.	4.1	55
84	Both stress experience and age determine the impairment or enhancement effect of stress on spatial memory retrieval. <i>Journal of Endocrinology</i> , 2003, 178, 45-54.	2.6	55
85	Propofol facilitates the development of long-term depression (LTD) and impairs the maintenance of long-term potentiation (LTP) in the CA1 region of the hippocampus of anesthetized rats. <i>Neuroscience Letters</i> , 2002, 324, 181-184.	2.1	54
86	Brain-derived neurotrophic factor levels and bipolar disorder in patients in their first depressive episode: 3-year prospective longitudinal study. <i>British Journal of Psychiatry</i> , 2014, 205, 29-35.	2.8	54
87	Auxin Control of Root Organogenesis from Callus in Tissue Culture. <i>Frontiers in Plant Science</i> , 2017, 8, 1385.	3.6	54
88	Mutation analysis of hereditary multiple exostoses in the Chinese. <i>Human Genetics</i> , 1999, 105, 45-50.	3.8	53
89	Convergent and divergent intranetwork and internetwork connectivity patterns in patients with remitted late-life depression and amnesic mild cognitive impairment. <i>Cortex</i> , 2016, 83, 194-211.	2.4	53
90	Delineation of Early and Later Adult Onset Depression by Diffusion Tensor Imaging. <i>PLoS ONE</i> , 2014, 9, e112307.	2.5	52

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91	Changed Synaptic Plasticity in Neural Circuits of Depressive-Like and Escitalopram-Treated Rats. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv046.	2.1	52
92	Effects of unconditioned and conditioned aversive stimuli in an intense fear conditioning paradigm on synaptic plasticity in the hippocampal CA1 area in vivo. <i>Hippocampus</i> , 2005, 15, 815-824.	1.9	51
93	ATH1 and KNAT2 proteins act together in regulation of plant inflorescence architecture. <i>Journal of Experimental Botany</i> , 2012, 63, 1423-1433.	4.8	51
94	Deep-brain magnetic stimulation promotes adult hippocampal neurogenesis and alleviates stress-related behaviors in mouse models for neuropsychiatric disorders. <i>Molecular Brain</i> , 2014, 7, 11.	2.6	51
95	Resting-state brain alteration after a single dose of SSRI administration predicts 8-week remission of patients with major depressive disorder. <i>Psychological Medicine</i> , 2017, 47, 438-450.	4.5	51
96	Pivotal role of LBD16 in root and root-like organ initiation. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3329-3338.	5.4	51
97	LINGO-1 antibody ameliorates myelin impairment and spatial memory deficits in experimental autoimmune encephalomyelitis mice. <i>Scientific Reports</i> , 2015, 5, 14235.	3.3	50
98	Acute ketamine induces hippocampal synaptic depression and spatial memory impairment through dopamine D1/D5 receptors. <i>Psychopharmacology</i> , 2013, 228, 451-461.	3.1	49
99	Divergent regeneration-competent cells adopt a common mechanism for callus initiation in angiosperms. <i>Regeneration (Oxford, England)</i> , 2017, 4, 132-139.	6.3	48
100	A Novel Chemical Inhibitor of ABA Signaling Targets All ABA Receptors. <i>Plant Physiology</i> , 2017, 173, 2356-2369.	4.8	47
101	Explorative study on the expression of neuregulin-1 gene in peripheral blood of schizophrenia. <i>Neuroscience Letters</i> , 2008, 438, 1-5.	2.1	46
102	Properties of the proton-evoked currents and their modulation by Ca <sup>2+</sup> and Zn <sup>2+</sup> in the acutely dissociated hippocampus CA1 neurons. <i>Brain Research</i> , 2004, 1017, 197-207.	2.2	44
103	Genetic Interactions Between Leaf Polarity-Controlling Genes and ASYMMETRIC LEAVES1 and 2 in Arabidopsis Leaf Patterning. <i>Plant and Cell Physiology</i> , 2007, 48, 724-735.	3.1	44
104	Identification of WOX Family Genes in <i>Selaginella kraussiana</i> for Studies on Stem Cells and Regeneration in Lycophytes. <i>Frontiers in Plant Science</i> , 2016, 7, 93.	3.6	44
105	Generation of Reactive Oxygen Species in Heterogeneously Sonoporated Cells by Microbubbles with Single-Pulse Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1074-1085.	1.5	44
106	The effect of acute stress on LTP and LTD induction in the hippocampal CA1 region of anesthetized rats at three different ages. <i>Brain Research</i> , 2004, 1005, 187-192.	2.2	43
107	Amplitude/frequency of spontaneous mEPSC correlates to the degree of long-term depression in the CA1 region of the hippocampal slice. <i>Brain Research</i> , 2005, 1050, 110-117.	2.2	43
108	Liver type I regulatory T cells suppress germinal center formation in HBV-tolerant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16993-16998.	7.1	42

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109	Reducing central serotonin in adulthood promotes hippocampal neurogenesis. <i>Scientific Reports</i> , 2016, 6, 20338.	3.3	41
110	Escitalopram attenuates $\beta$ -amyloid-induced tau hyperphosphorylation in primary hippocampal neurons through the 5-HT1A receptor mediated Akt/GSK-3 $\beta$ pathway. <i>Oncotarget</i> , 2016, 7, 13328-13339.	1.8	41
111	Rapid biogenesis and sensitization of secretory lysosomes in NK cells mediated by target-cell recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 123-127.	7.1	39
112	Endocannabinoid signaling in hypothalamic circuits regulates arousal from general anesthesia in mice. <i>Journal of Clinical Investigation</i> , 2017, 127, 2295-2309.	8.2	39
113	Actin Polymerization-Dependent Increase in Synaptic Arc/Arg3.1 Expression in the Amygdala Is Crucial for the Expression of Aversive Memory Associated with Drug Withdrawal. <i>Journal of Neuroscience</i> , 2012, 32, 12005-12017.	3.6	38
114	Inhibition of Rac1 Activity in the Hippocampus Impairs the Forgetting of Contextual Fear Memory. <i>Molecular Neurobiology</i> , 2016, 53, 1247-1253.	4.0	38
115	Inhibition of Rac1-dependent forgetting alleviates memory deficits in animal models of Alzheimer's disease. <i>Protein and Cell</i> , 2019, 10, 745-759.	11.0	38
116	Transcriptional, post-transcriptional and post-translational regulations of gene expression during leaf polarity formation. <i>Cell Research</i> , 2007, 17, 512-519.	12.0	37
117	Rapid-onset antidepressant efficacy of glutamatergic system modulators: The neural plasticity hypothesis of depression. <i>Neuroscience Bulletin</i> , 2015, 31, 75-86.	2.9	37
118	Impaired contextual fear extinction and hippocampal synaptic plasticity in adult rats induced by prenatal morphine exposure. <i>Addiction Biology</i> , 2015, 20, 652-662.	2.6	37
119	Recruitment of IC-WOX Genes in Root Evolution. <i>Trends in Plant Science</i> , 2018, 23, 490-496.	8.8	37
120	MIRNA-206 and BDNF genes interacted in bipolar I disorder. <i>Journal of Affective Disorders</i> , 2014, 162, 116-119.	4.1	35
121	Model for the role of auxin polar transport in patterning of the leaf adaxial-abaxial axis. <i>Plant Journal</i> , 2017, 92, 469-480.	5.7	35
122	Nicotinic Acid Activates the Capsaicin Receptor TRPV1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1272-1280.	2.4	34
123	Identification of Chinese plague foci from long-term epidemiological data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8196-8201.	7.1	33
124	Long-term effects of controllability or the lack of it on coping abilities and stress resilience in the rat. <i>Stress</i> , 2014, 17, 423-430.	1.8	33
125	The stress experience dependent long-term depression disassociated with stress effect on spatial memory task. <i>Neuroscience Research</i> , 2003, 46, 415-421.	1.9	32
126	NR2B-containing N-methyl-D-aspartate subtype glutamate receptors regulate the acute stress effect on hippocampal long-term potentiation/long-term depression in vivo. <i>NeuroReport</i> , 2006, 17, 1343-1346.	1.2	32

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127	Opiate withdrawal modifies synaptic plasticity in subicular nucleus accumbens pathway in vivo. <i>Neuroscience</i> , 2007, 144, 845-854.	2.3	32
128	Opposite Effective Connectivity in the Posterior Cingulate and Medial Prefrontal Cortex between First-Episode Schizophrenic Patients with Suicide Risk and Healthy Controls. <i>PLoS ONE</i> , 2013, 8, e63477.	2.5	32
129	Abnormal anxiety- and depression-like behaviors in mice lacking both central serotonergic neurons and pancreatic islet cells. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 325.	2.0	32
130	Significantly decreased mRNA levels of BDNF and MEK1 genes in treatment-resistant depression. <i>NeuroReport</i> , 2014, 25, 753-755.	1.2	32
131	Mechanisms of H + Modulation of Glycinergic Response in Rat Sacral Dorsal Commissural Neurons. <i>Journal of Physiology</i> , 2003, 552, 73-87.	2.9	31
132	Stress-facilitated LTD induces output plasticity through synchronized-spikes and spontaneous unitary discharges in the CA1 region of the hippocampus. <i>Neuroscience Research</i> , 2004, 49, 229-239.	1.9	31
133	Enriched environment treatment counteracts enhanced addictive and depressive-like behavior induced by prenatal chronic stress. <i>Brain Research</i> , 2006, 1125, 132-137.	2.2	31
134	Maternal separation exaggerates spontaneous recovery of extinguished contextual fear in adult female rats. <i>Behavioural Brain Research</i> , 2014, 269, 75-80.	2.2	31
135	The first observation of seasonal affective disorder symptoms in Rhesus macaque. <i>Behavioural Brain Research</i> , 2015, 292, 463-469.	2.2	31
136	Acute low-dose melamine affects hippocampal synaptic plasticity and behavior in rats. <i>Toxicology Letters</i> , 2012, 214, 63-68.	0.8	30
137	X-linked microtubule-associated protein, Mid1, regulates axon development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19131-19136.	7.1	30
138	Chronic Clomipramine Treatment Reverses Core Symptom of Depression in Subordinate Tree Shrews. <i>PLoS ONE</i> , 2013, 8, e80980.	2.5	30
139	Distribution of vasopressin, oxytocin and vasoactive intestinal polypeptide in the hypothalamus and extrahypothalamic regions of tree shrews. <i>Neuroscience</i> , 2014, 265, 124-136.	2.3	30
140	Arabidopsis PRC1 core component AtRING1 regulates stem cell-determining carpel development mainly through repression of class I KNOX genes. <i>BMC Biology</i> , 2016, 14, 112.	3.8	30
141	Abnormal regional homogeneity of drug-naïve obsessive-compulsive patients. <i>NeuroReport</i> , 2010, 21, 786-790.	1.2	29
142	The receptor-like kinases BAM1 and BAM2 are required for root xylem patterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	29
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