Weidong Li

List of Publications by Year
in descending order

103	4,156	257450	123424
papers	citations	24 h-index	61 g-index

109	109	109	7159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reversal of learning deficits in a Tsc2+/â^' mouse model of tuberous sclerosis. Nature Medicine, 2008, 14, 843-848.	30.7	771
2	Genome-wide association study identifies eight new risk loci for polycystic ovary syndrome. Nature Genetics, 2012, 44, 1020-1025.	21.4	505
3	Genome-wide association analysis identifies 30 new susceptibility loci for schizophrenia. Nature Genetics, 2017, 49, 1576-1583.	21.4	395
4	The HMG-CoA Reductase Inhibitor Lovastatin Reverses the Learning and Attention Deficits in a Mouse Model of Neurofibromatosis Type 1. Current Biology, 2005, 15, 1961-1967.	3.9	361
5	The Hippocampus Plays a Selective Role in the Retrieval of Detailed Contextual Memories. Current Biology, 2010, 20, 1336-1344.	3.9	229
6	Specific developmental disruption of disrupted-in-schizophrenia-1 function results in schizophrenia-related phenotypes in mice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18280-18285.	7.1	198
7	Reversing Neurodevelopmental Disorders in Adults. Neuron, 2008, 60, 950-960.	8.1	180
8	Interactions between the NR2B Receptor and CaMKII Modulate Synaptic Plasticity and Spatial Learning. Journal of Neuroscience, 2007, 27, 13843-13853.	3.6	169
9	Long-Range GABAergic Inputs Regulate Neural Stem Cell Quiescence and Control Adult Hippocampal Neurogenesis. Cell Stem Cell, 2017, 21, 604-617.e5.	11.1	119
10	mTOR Inhibition Ameliorates Cognitive and Affective Deficits Caused by Disc1 Knockdown in Adult-Born Dentate Granule Neurons. Neuron, 2013, 77, 647-654.	8.1	94
11	24-hour-restraint stress induces long-term depressive-like phenotypes in mice. Scientific Reports, 2016, 6, 32935.	3.3	64
12	3D-Printed Sodiophilic V₂CT_x/rGO-CNT MXene Microgrid Aerogel for Stable Na Metal Anode with High Areal Capacity. ACS Nano, 2022, 16, 9105-9116.	14.6	60
13	Mental Health of Young Physicians in China During the Novel Coronavirus Disease 2019 Outbreak. JAMA Network Open, 2020, 3, e2010705.	5.9	59
14	Characterization of a Novel synGAP Isoform, synGAP-Î². Journal of Biological Chemistry, 2001, 276, 21417-21424.	3.4	57
15	Dendritic Cell Surface Calreticulin Is a Receptor for NY-ESO-1: Direct Interactions between Tumor-Associated Antigen and the Innate Immune System. Journal of Immunology, 2006, 177, 3582-3589.	0.8	56
16	Phf8 histone demethylase deficiency causes cognitive impairments through the mTOR pathway. Nature Communications, 2018, 9, 114.	12.8	47
17	Knockdown a Water Channel Protein, Aquaporin-4, Induced Glioblastoma Cell Apoptosis. PLoS ONE, 2013, 8, e66751.	2.5	43
18	Brainâ€specific potential guanine nucleotide exchange factor for Arf, synArfGEF (Po), is localized to postsynaptic density. Journal of Neurochemistry, 2004, 89, 1347-1357.	3.9	38

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19	Amyloid-Î²-Related Genes SORL1 and ACE are Genetically Associated With Risk for Late-onset Alzheimer Disease in the Chinese Population. Alzheimer Disease and Associated Disorders, 2010, 24, 390-396.	1.3	36
20	Association of the CR1 polymorphism with late-onset Alzheimer's disease in Chinese Han populations: A meta-analysis. Neuroscience Letters, 2012, 527, 46-49.	2.1	29
21	Extrasynaptic NMDA receptor dependent long-term potentiation of hippocampal CA1 pyramidal neurons. Scientific Reports, 2017, 7, 3045.	3.3	28
22	A novel scaffold protein, TANC, possibly a rat homolog ofDrosophilarolling pebbles (rols), forms a multiprotein complex with various postsynaptic density proteins. European Journal of Neuroscience, 2005, 21, 339-350.	2.6	27
23	ABCB6, ABCB1 and ABCG1 genetic polymorphisms and antidepressant response of SSRIs in Chinese depressive patients. Pharmacogenomics, 2013, 14, 1723-1730.	1.3	27
24	NMDA Receptor Hypofunction Induces Dysfunctions of Energy Metabolism And Semaphorin Signaling in Rats: A Synaptic Proteome Study. Schizophrenia Bulletin, 2012, 38, 579-591.	4.3	26
25	The clinicopathological significance of CD44+/CD24â^'/low and CD24+ tumor cells in invasive micropapillary carcinoma of the breast. Pathology Research and Practice, 2010, 206, 828-834.	2.3	25
26	Interplay between a Mental Disorder Risk Gene and Developmental Polarity Switch of GABA Action Leads to Excitation-Inhibition Imbalance. Cell Reports, 2019, 28, 1419-1428.e3.	6.4	23
27	Precise pathologic diagnosis and individualized treatment improve the outcomes of invasive micropapillary carcinoma of the breast: a 12-year prospective clinical study. Modern Pathology, 2018, 31, 956-964.	5.5	21
28	A Common variant near the melanocortin 4 receptor is associated with low-density lipoprotein cholesterol and total cholesterol in the Chinese Han population. Molecular Biology Reports, 2012, 39, 6487-6493.	2.3	20
29	Perinatal Iron Deficiency-Induced Hypothyroxinemia Impairs Early Brain Development Regardless of Normal Iron Levels in the Neonatal Brain. Thyroid, 2016, 26, 891-900.	4.5	20
30	AGO2 involves the malignant phenotypes and FAK/PI3K/AKT signaling pathway in hypopharyngeal-derived FaDu cells. Oncotarget, 2017, 8, 54735-54746.	1.8	20
31	Insect Biological Parameter Estimation Based on the Invariant Target Parameters of the Scattering Matrix. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6212-6225.	6.3	19
32	Pharmacological rescue in patient iPSC and mouse models with a rare DISC1 mutation. Nature Communications, 2021, 12, 1398.	12.8	17
33	Using i-vectors from voice features to identify major depressive disorder. Journal of Affective Disorders, 2021, 288, 161-166.	4.1	16
34	Analysis of ischemic neuronal injury in CaV2.1 channel Î±1 subunit mutant mice. Biochemical and Biophysical Research Communications, 2013, 434, 60-64.	2.1	15
35	Absence-like seizures and their pharmacological profile in tottering-6j mice. Biochemical and Biophysical Research Communications, 2015, 463, 148-153.	2.1	15
36	Protein components of postâ€synaptic density lattice, a backbone structure for type I excitatory synapses. Journal of Neurochemistry, 2018, 144, 390-407.	3.9	14

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37	NRXN1Î±+/- is associated with increased excitability in ASD iPSC-derived neurons. BMC Neuroscience, 2021, 22, 56.	1.9	14
38	Association study of 5-HT1A, 5-HT2A polymorphisms with schizophrenia and major depressive disorder in the Han Chinese population. Neuroscience Letters, 2016, 635, 39-43.	2.1	11
39	Nicotinamide adenine dinucleotide suppresses epileptogenesis at an early stage. Scientific Reports, 2017, 7, 7321.	3.3	11
40	Role of Splice Variants of Gtf2i, a Transcription Factor Localizing at Postsynaptic Sites, and Its Relation to Neuropsychiatric Diseases. International Journal of Molecular Sciences, 2017, 18, 411.	4.1	11
41	Effect of SOX10 gene polymorphism on early onset schizophrenia in Chinese Han population. Neuroscience Letters, 2012, 521, 93-97.	2.1	10
42	Accurate Quantification of microRNA via Single Strand Displacement Reaction on DNA Origami Motif. PLoS ONE, 2013, 8, e69856.	2.5	10
43	Dental noise exposed mice display depressive-like phenotypes. Molecular Brain, 2016, 9, 50.	2.6	10
44	Dysregulation of neuron differentiation in an autistic savant with exceptional memory. Molecular Brain, 2019, 12, 91.	2.6	10
45	Nicotinamide, a vitamin B3 ameliorates depressive behaviors independent of SIRT1 activity in mice. Molecular Brain, 2020, 13, 162.	2.6	10
46	SOX10 rs139883 Polymorphism Is Associated with the Age of Onset in Schizophrenia. Journal of Molecular Neuroscience, 2013, 50, 333-338.	2.3	9
47	Allele-specific expression of mutated in colorectal cancer (MCC) gene and alternative susceptibility to colorectal cancer in schizophrenia. Scientific Reports, 2016, 6, 26688.	3.3	9
48	A study of single nucleotide polymorphisms of GRIN2B in schizophrenia from Chinese Han population. Neuroscience Letters, 2016, 630, 132-135.	2.1	9
49	New Ataxic Tottering-6j Mouse Allele Containing a Cacna1a Gene Mutation. PLoS ONE, 2012, 7, e44230.	2.5	9
50	Genetic evidence that vascular dementia is related to Alzheimer's disease: genetic association between tau polymorphism and vascular dementia in the Chinese population. Age and Ageing, 2011, 40, 125-128.	1.6	8
51	SLC17A7 Gene May Be the Indicator of Selective Serotonin Reuptake Inhibitor Treatment Response in the Chinese Han Population. Journal of Clinical Psychopharmacology, 2014, 34, 331-336.	1.4	8
52	Association study of GRM7 polymorphisms and schizophrenia in the Chinese Han population. Neuroscience Letters, 2015, 604, 109-112.	2.1	8
53	Association study of dopamine receptor genes polymorphisms with the risk of schizophrenia in the Han Chinese population. Psychiatry Research, 2016, 245, 361-364.	3.3	8
54	CYFIP1 Dosages Exhibit Divergent Behavioral Impact via Diametric Regulation of NMDA Receptor Complex Translation in Mouse Models of Psychiatric Disorders. Biological Psychiatry, 2022, 92, 815-826.	1.3	8

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55	No association of SLC6A3 and SLC6A4 gene polymorphisms with schizophrenia in the Han Chinese population. Neuroscience Letters, 2014, 579, 114-118.	2.1	7
56	A Case-Control Study of ABCB1, ABCB6, and ABCG1 Polymorphisms and Schizophrenia in a Han Chinese Population. Neuropsychobiology, 2019, 78, 113-117.	1.9	7
57	Simulated weightlessness procedure, head-down bed rest impairs adult neurogenesis in the hippocampus of rhesus macaque. Molecular Brain, 2019, 12, 46.	2.6	7
58	sLe^x expression in invasive micropapillary breast carcinoma is associated with poor prognosis and can be combined with MUC1/EMA as a supplementary diagnostic indicator. Cancer Biology and Medicine, 2021, 18, 477-489.	3.0	7
59	Common variants in SLC6A2, SLC6A3, DRD2, and major depressive disorder. Psychiatric Genetics, 2017, 27, 103-104.	1.1	6
60	Association study of NDST3 gene for schizophrenia, bipolar disorder, major depressive disorder in the Han Chinese population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 3-9.	1.7	6
61	CYP1A2 Genetic Polymorphism Is Associated With Treatment Remission to Antidepressant Venlafaxine in Han Chinese Population. Clinical Neuropharmacology, 2019, 42, 32-36.	0.7	6
62	Association study between LEPR, MC4R polymorphisms and overweight/obesity in Chinese Han adolescents. Gene, 2019, 692, 54-59.	2.2	6
63	Prevalence and risk factors for depression among training physicians in China and the United States. Scientific Reports, 2022, 12, 8170.	3.3	6
64	Reduced Firing of Nucleus Accumbens Parvalbumin Interneurons Impairs Risk Avoidance in DISC1 Transgenic Mice. Neuroscience Bulletin, 2021, 37, 1325-1338.	2.9	5
65	A Simple Spatial Working Memory and Attention Test on Paired Symbols Shows Developmental Deficits in Schizophrenia Patients. Neural Plasticity, 2013, 2013, 1-7.	2.2	4
66	Blockade of Cav2.1-mediated NMDA receptor signaling disrupts conditioned fear extinction. Behavioural Brain Research, 2014, 259, 45-49.	2.2	4
67	Analysis of the association of VIPR2 polymorphisms with susceptibility to schizophrenia. Psychiatry Research, 2016, 241, 104-107.	3.3	4
68	Association study of GRM7 polymorphisms with major depressive disorder in the Chinese Han population. Psychiatric Genetics, 2017, 27, 78-79.	1.1	4
69	ERPs and oscillations during encoding predict retrieval of digit memory in superior mnemonists. Brain and Cognition, 2017, 117, 17-25.	1.8	4
70	Common variants in GRIK4 and major depressive disorder: An association study in the Chinese Han population. Neuroscience Letters, 2017, 653, 239-243.	2.1	4
71	Abnormal circadian oscillation of hippocampal MAPK activity and power spectrums in NF1 mutant mice. Molecular Brain, 2017, 10, 29.	2.6	4
72	HTR1A and HTR2A variants may not predict venlafaxine treatment response in China Han population with major depressive disorder. Psychiatry Research, 2018, 270, 1179-1180.	3.3	4

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73	Comparison of clinical and serological features of RT-PCR positive and negative COVID-19 patients. Journal of International Medical Research, 2021, 49, 030006052097265.	1.0	4
74	Influence of preharvest calcium spray and postharvest chitosan coating methods on quality of Chinese dwarf cherry (Cerasus humilis (Bge.) Sok) fruits during cold storage. Journal of Horticultural Science and Biotechnology, 2020, 95, 773-781.	1.9	4
75	Association study of APC polymorphisms with colorectal cancer in Han Chinese. Clinical Biochemistry, 2012, 45, 1669-1672.	1.9	3
76	No association of GRIK4 polymorphisms with schizophrenia in the Chinese Han population. Psychiatric Genetics, 2017, 27, 159-160.	1.1	3
77	Association study between ABCB1, ABCB6 and ABCG1 polymorphisms and major depressive disorder in the Chinese Han population. Psychiatry Research, 2018, 270, 1170-1171.	3.3	3
78	Experimental validations of insect orientation extraction based on fully polarimetric measurement. Journal of Engineering, 2019, 2019, 7954-7957.	1.1	3
79	Association study of TPH2 polymorphisms and bipolar disorder in the Han Chinese population. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 56, 97-100.	4.8	2
80	Association study of NOS1 gene polymorphisms with the risk of schizophrenia in Chinese Han origin. Psychiatry Research, 2016, 246, 844-845.	3.3	2
81	Association study of KIBRA rs17070145 polymorphism with the risk of schizophrenia in the Han Chinese population. Psychiatry Research, 2016, 239, 331-332.	3.3	2
82	No association between SLC6A2, SLC6A3, DRD2 polymorphisms and schizophrenia in the Han Chinese population. Psychiatry Research, 2017, 253, 398-400.	3.3	2
83	Association study of the GLRX5 rs1007814 polymorphism with schizophrenia in the Han Chinese population. Psychiatric Genetics, 2017, 27, 76-77.	1.1	2
84	Elevated HBâ€EGF expression in neural stem cells causes middle age obesity by suppressing Hypocretin/Orexin expression. FASEB Journal, 2021, 35, e21345.	0.5	2
85	A natural marmoset model of genetic generalized epilepsy. Molecular Brain, 2022, 15, 16.	2.6	2
86	Deficits of learning and memory in Hemojuvelin knockout mice. Journal of Veterinary Medical Science, 2015, 77, 1235-1240.	0.9	1
87	No association of GRIA1 polymorphisms with schizophrenia in the Chinese Han population. Psychiatric Genetics, 2016, 26, 97-98.	1.1	1
88	No association of NR3C1 polymorphisms with major depressive disorder in the Chinese Han population. Psychiatric Genetics, 2018, 28, 38-39.	1.1	1
89	Isolation of Synapse Sub-Domains by Subcellular Fractionation Using Sucrose Density Gradient Centrifugation: Purification of the Synaptosome, Synaptic Plasma Membrane, Postsynaptic Density, Synaptic Membrane Raft, and Postsynaptic Density Lattice. Neuromethods, 2019, , 21-42.	0.3	1
90	Derivation of two iPSC lines from a sporadic ASD patient (NUIGi033-A) and a paternal control (NUIGi034-A). Stem Cell Research, 2020, 44, 101722.	0.7	1

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91	Non-microtubule tubulin-based backbone and subordinate components of postsynaptic density lattices. Life Science Alliance, 2021, 4, e202000945.	2.8	1
92	Upregulation of DGCR8, a Candidate Predisposing to Schizophrenia in Han Chinese, Contributes to Phenotypic Deficits and Neuronal Migration Delay. Frontiers in Psychiatry, 2022, 13, 873873.	2.6	1
93	Effects of grade, academic performance, and sex on spatial working memory and attention in primary school children: a cross-sectional observational study. Journal of Bio-X Research, 2022, 5, 90-96.	0.2	1
94	A novel scaffold protein, TANC, possibly a rat homolog of Drosophila rolling pebbles (rols), forms a multiprotein complex with various postsynaptic density proteins. European Journal of Neuroscience, 2005, 21, 825-825.	2.6	0
95	Molecular and Cellular Mechanisms of Learning Disabilities: A Focus on Neurofibromatosis Type I. , 2008, , 77-92.		0
96	Auricular Tensing for Indication of Intent on a Visual Selection Vector. Presence: Teleoperators and Virtual Environments, 2015, 24, 175-178.	0.6	0
97	Entropy NOR: Early Functional Completeness in Entropy Networks. Fluctuation and Noise Letters, 2016, 15, 1650004.	1.5	0
98	The promoter polymorphisms in HTR2A gene associated with schizophrenia in Chinese of Han ethnicity. Psychiatry Research, 2018, 262, 636-637.	3.3	0
99	A case-control study of GRIN2B polymorphisms and major depressive disorder in the Chinese Han population. Psychiatry Research, 2018, 262, 626-627.	3.3	0
100	Derivation of iPSC lines from three young healthy donors of Caucasian origin (NUIGi035-A; NUIGi036-A;) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	0
101	Derivation of iPSC lines from two patients with autism spectrum disorder carrying NRXN1Î± deletion (NUIGi041-A, NUIG041-B; NUIGi045-A) and one sibling control (NUIGi042-A, NUIGi042-B). Stem Cell Research, 2021, 52, 102222.	0.7	0
102	A constant illumination optical transmission method for freespace biological networks. , 2015, , .		0
103	A novel heterozygous missense variant of the ARID4A gene identified in Han Chinese families with schizophrenia-diagnosed siblings that interferes with DNA-binding activity. Molecular Psychiatry, 2022, , .	7.9	0