

Yanbo Zhang

List of Publications by Year in descending order

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62
papers

2,575
citations

218381

26
h-index

197535

49
g-index

67
all docs

67
docs citations

67
times ranked

3742
citing authors

#	ARTICLE	IF	CITATIONS
1	Positive Association of the Oxytocin Receptor Gene (OXTR) with Autism in the Chinese Han Population. <i>Biological Psychiatry</i> , 2005, 58, 74-77.	0.7	526
2	Quetiapine facilitates oligodendrocyte development and prevents mice from myelin breakdown and behavioral changes. <i>Molecular Psychiatry</i> , 2008, 13, 697-708.	4.1	170
3	Behavioral and neurobiological changes in C57BL/6 mice exposed to cuprizone.. <i>Behavioral Neuroscience</i> , 2009, 123, 418-429.	0.6	141
4	Quantitative MRI and ultrastructural examination of the cuprizone mouse model of demyelination. <i>NMR in Biomedicine</i> , 2013, 26, 1562-1581.	1.6	129
5	Increased hippocampal neurogenesis in the progressive stage of Alzheimer's disease phenotype in an APP/PS1 double transgenic mouse model. <i>Hippocampus</i> , 2009, 19, 1247-1253.	0.9	119
6	Quetiapine enhances oligodendrocyte regeneration and myelin repair after cuprizone-induced demyelination. <i>Schizophrenia Research</i> , 2012, 138, 8-17.	1.1	117
7	Quetiapine alleviates the cuprizone-induced white matter pathology in the brain of C57BL/6 mouse. <i>Schizophrenia Research</i> , 2008, 106, 182-191.	1.1	111
8	Tenuigenin treatment decreases secretion of the Alzheimer's disease amyloid β -protein in cultured cells. <i>Neuroscience Letters</i> , 2004, 367, 123-128.	1.0	86
9	Unpredictable chronic mild stress induces anxiety and depression-like behaviors and inactivates AMP-activated protein kinase in mice. <i>Brain Research</i> , 2014, 1576, 81-90.	1.1	78
10	Region-specific susceptibilities to cuprizone-induced lesions in the mouse forebrain: Implications for the pathophysiology of schizophrenia. <i>Brain Research</i> , 2009, 1270, 121-130.	1.1	63
11	The role of neuroinflammation and amyloid in cognitive impairment in an APP/PS1 transgenic mouse model of Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 310-320.	1.9	59
12	The incidence rate of cancer in patients with schizophrenia: A meta-analysis of cohort studies. <i>Schizophrenia Research</i> , 2018, 195, 519-528.	1.1	58
13	Regulation of astrocyte pathology by fluoxetine prevents the deterioration of Alzheimer phenotypes in an APP/PS1 mouse model. <i>Glia</i> , 2016, 64, 240-254.	2.5	55
14	Quetiapine attenuates the depressive and anxiolytic-like behavioural changes induced by global cerebral ischemia in mice. <i>Behavioural Brain Research</i> , 2007, 182, 36-41.	1.2	48
15	Fluoxetine Improves Behavioral Performance by Suppressing the Production of Soluble β -Amyloid in APP/PS1 Mice. <i>Current Alzheimer Research</i> , 2014, 11, 672-680.	0.7	48
16	Venlafaxine Improves the Cognitive Impairment and Depression-Like Behaviors in a Cuprizone Mouse Model by Alleviating Demyelination and Neuroinflammation in the Brain. <i>Frontiers in Pharmacology</i> , 2019, 10, 332.	1.6	40
17	Identifying and validating subtypes within major psychiatric disorders based on frontal-posterior functional imbalance via deep learning. <i>Molecular Psychiatry</i> , 2021, 26, 2991-3002.	4.1	40
18	Convergent Evidence from Multimodal Imaging Reveals Amygdala Abnormalities in Schizophrenic Patients and Their First-Degree Relatives. <i>PLoS ONE</i> , 2011, 6, e28794.	1.1	39

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19	Quetiapine prevents oligodendrocyte and myelin loss and promotes maturation of oligodendrocyte progenitors in the hippocampus of global cerebral ischemia mice. <i>Journal of Neurochemistry</i> , 2012, 123, 14-20.	2.1	38
20	Positive association of the human frizzled 3 (FZD3) gene haplotype with schizophrenia in Chinese Han population. <i>American Journal of Medical Genetics Part A</i> , 2004, 129B, 16-19.	2.4	36
21	Association of DAOA polymorphisms with schizophrenia and clinical symptoms or therapeutic effects. <i>Neuroscience Letters</i> , 2007, 416, 96-100.	1.0	36
22	Demonstration of an anti-oxidative stress mechanism of quetiapine. <i>FEBS Journal</i> , 2008, 275, 3718-3728.	2.2	36
23	Quetiapine attenuates spatial memory impairment and hippocampal neurodegeneration induced by bilateral common carotid artery occlusion in mice. <i>Life Sciences</i> , 2007, 81, 353-361.	2.0	34
24	Beneficial effects of quetiapine in a transgenic mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2009, 30, 1205-1216.	1.5	33
25	Antipsychotics promote the differentiation of oligodendrocyte progenitor cells by regulating oligodendrocyte lineage transcription factors 1 and 2. <i>Life Sciences</i> , 2013, 93, 429-434.	2.0	32
26	Desvenlafaxine prevents white matter injury and improves the decreased phosphorylation of the rate-limiting enzyme of cholesterol synthesis in a chronic mouse model of depression. <i>Journal of Neurochemistry</i> , 2014, 131, 229-238.	2.1	30
27	Minocycline Ameliorates Depressive-Like Behavior and Demyelination Induced by Transient Global Cerebral Ischemia by Inhibiting Microglial Activation. <i>Frontiers in Pharmacology</i> , 2019, 10, 1247.	1.6	28
28	Hyperforin promotes mitochondrial function and development of oligodendrocytes. <i>Journal of Neurochemistry</i> , 2011, 119, 555-568.	2.1	21
29	Olanzapine ameliorates neuropathological changes and increases IGF-1 expression in frontal cortex of C57BL/6 mice exposed to cuprizone. <i>Psychiatry Research</i> , 2014, 216, 438-445.	1.7	21
30	Lack of evidence for association between the serotonin transporter gene (SLC6A4) polymorphisms and autism in the Chinese trios. <i>Neuroscience Letters</i> , 2005, 381, 1-5.	1.0	19
31	Chronic effects of venlafaxine on synaptophysin and neuronal cell adhesion molecule in the hippocampus of cerebral ischemic mice This paper is one of a selection of papers published in this special issue entitled "Second International Symposium on Recent Advances in Basic, Clinical, and Social Medicine" and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2010, 88, 655-663.	0.9	19
32	Locomotor activity and anxiety status, but not spatial working memory, are affected in mice after brief exposure to cuprizone. <i>Neuroscience Bulletin</i> , 2013, 29, 633-641.	1.5	18
33	Low-Field Magnetic Stimulation Restores Cognitive and Motor Functions in the Mouse Model of Repeated Traumatic Brain Injury: Role of Cellular Prion Protein. <i>Journal of Neurotrauma</i> , 2019, 36, 3103-3114.	1.7	17
34	Anti-mouse CX3CR1 Antibody Alleviates Cognitive Impairment, Neuronal Loss and Myelin Deficits in an Animal Model of Brain Ischemia. <i>Neuroscience</i> , 2020, 438, 169-181.	1.1	17
35	N6-methyladenosine (m6A) modification and its clinical relevance in cognitive dysfunctions. <i>Aging</i> , 2021, 13, 20716-20737.	1.4	17
36	Astrocyte-dependent protective effect of quetiapine on GABAergic neuron is associated with the prevention of anxiety-like behaviors in aging mice after long-term treatment. <i>Journal of Neurochemistry</i> , 2014, 130, 780-789.	2.1	16

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37	Altered structural connectivity and cytokine levels in Schizophrenia and Genetic high-risk individuals: Associations with disease states and vulnerability. <i>Schizophrenia Research</i> , 2020, 223, 158-165.	1.1	16
38	Low-Field Magnetic Stimulation Accelerates the Differentiation of Oligodendrocyte Precursor Cells via Non-canonical TGF- β 2 Signaling Pathways. <i>Molecular Neurobiology</i> , 2021, 58, 855-866.	1.9	15
39	Low field magnetic stimulation promotes myelin repair and cognitive recovery in chronic cuprizone mouse model. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1090-1102.	0.9	12
40	Frontal-posterior functional imbalance and aberrant function developmental patterns in schizophrenia. <i>Translational Psychiatry</i> , 2021, 11, 495.	2.4	11
41	Three major psychiatric disorders share specific dynamic alterations of intrinsic brain activity. <i>Schizophrenia Research</i> , 2022, 243, 322-329.	1.1	10
42	Quetiapine reverses altered locomotor activity and tyrosine hydroxylase immunoreactivity in rat caudate putamen following long-term haloperidol treatment. <i>Neuroscience Letters</i> , 2007, 420, 66-71.	1.0	9
43	Comparison of manual and semi-automated segmentation methods to evaluate hippocampus volume in APP and PS1 transgenic mice obtained via in vivo magnetic resonance imaging. <i>Journal of Neuroscience Methods</i> , 2014, 221, 103-111.	1.3	9
44	A systematic scoping review of dissociation in borderline personality disorder and implications for research and clinical practice: Exploring the fog. <i>Australian and New Zealand Journal of Psychiatry</i> , 2022, 56, 1252-1264.	1.3	9
45	Applying dimensional psychopathology: transdiagnostic associations among regional homogeneity, leptin and depressive symptoms. <i>Translational Psychiatry</i> , 2020, 10, 248.	2.4	8
46	Exploratory study on neurochemical effects of low-intensity pulsed ultrasound in brains of mice. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 1099-1110.	1.6	8
47	An Eâ€Mental Health Solution to Prevent and Manage Posttraumatic Stress Injuries Among First Responders in Alberta: Protocol for the Implementation and Evaluation of Text Messaging Services (Text4PTSI and Text4Wellbeing). <i>JMIR Research Protocols</i> , 2022, 11, e30680.	0.5	8
48	Melancholic Features in Bipolar Depression and Response to Lamotrigine. <i>Journal of Clinical Psychopharmacology</i> , 2021, 41, 315-319.	0.7	7
49	Neurobiological substrates of major psychiatry disorders: transdiagnostic associations between white matter abnormalities, neuregulin 1 and clinical manifestation. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E506-E515.	1.4	7
50	Cannabinoids as an Emerging Therapy for Posttraumatic Stress Disorder and Substance Use Disorders. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 28-34.	0.9	6
51	One Year after the Flood: Prevalence and Correlates of Post-Traumatic Stress Disorder among Residents in Fort McMurray. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2022, 12, 69.	1.0	6
52	Misdiagnosis of spinal subacute combined degeneration in a patient with elevated serum B12 concentration and sensory deficit level. <i>Neurological Sciences</i> , 2016, 37, 1577-1578.	0.9	4
53	Association between alpha-synuclein (SNCA) rs11931074 variability and susceptibility to Parkinsonâ€™s disease: an updated meta-analysis of 41,811 patients. <i>Neurological Sciences</i> , 2020, 41, 271-280.	0.9	4
54	Early-Stage Repetitive Transcranial Magnetic Stimulation Altered Posteriorâ€™Anterior Cerebrum Effective Connectivity in Methylazoxymethanol Acetate Rats. <i>Frontiers in Neuroscience</i> , 2021, 15, 652715.	1.4	4

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55	Low-field magnetic stimulation improved cuprizone-induced depression-like symptoms and demyelination in female mice. <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 210.	0.8	4
56	Hair cortisol, social support, personality traits, and clinical course: differences in schizophrenia and bipolar disorder. <i>Brain and Behavior</i> , 2021, , e2412.	1.0	3
57	Paliperidone Compared with Haloperidol on the Theory of Mind Tasks in Schizophrenia: A Pilot Trial. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 3683-3691.	1.0	3
58	Applying dimensional psychopathology: transdiagnostic prediction of executive cognition using brain connectivity and inflammatory biomarkers. <i>Psychological Medicine</i> , 2023, 53, 3557-3567.	2.7	3
59	Lamotrigine for acute bipolar depression: An exploratory item-level analysis. <i>Brain and Behavior</i> , 2021, 11, e2222.	1.0	2
60	HF-rTMS treatment ameliorates acute cuprizone- induced demyelination and behavioral deficits. <i>Brain Stimulation</i> , 2015, 8, 407.	0.7	0
61	Is repetitive transcranial magnetic stimulation (rTMS) an effective and safe treatment option for postpartum and peripartum depression? A Systematic Review.. <i>Journal of Affective Disorders Reports</i> , 2022, , 100356.	0.9	0
62	Combinatorial panel with endophenotypes from multilevel information of diffusion tensor imaging and lipid profile as predictors for depression. <i>Australian and New Zealand Journal of Psychiatry</i> , 0, , 000486742110314.	1.3	0