Yanbo Zhang

List of Publications by Year
in descending order

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62 papers	2,575 citations	218592 26 h-index	197736 49 g-index
67 all docs	67 docs citations	67 times ranked	3742 citing authors

#	Article	IF	Citations
1	Applying dimensional psychopathology: transdiagnostic prediction of executive cognition using brain connectivity and inflammatory biomarkers. Psychological Medicine, 2023, 53, 3557-3567.	2.7	3
2	Three major psychiatric disorders share specific dynamic alterations of intrinsic brain activity. Schizophrenia Research, 2022, 243, 322-329.	1.1	10
3	Lowâ€‘field magnetic stimulation improved cuprizoneâ€‘induced depressionâ€‘like symptoms and demyelination in female mice. Experimental and Therapeutic Medicine, 2022, 23, 210.	0.8	4
4	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). JMIR Research Protocols, 2022, 11, e30680.	0.5	8
5	A systematic scoping review of dissociation in borderline personality disorder and implications for research and clinical practice: Exploring the fog. Australian and New Zealand Journal of Psychiatry, 2022, 56, 1252-1264.	1.3	9
6	One Year after the Flood: Prevalence and Correlates of Post-Traumatic Stress Disorder among Residents in Fort McMurray. Behavioral Sciences (Basel, Switzerland), 2022, 12, 69.	1.0	6
7	Is repetitive transcranial magnetic stimulation (rTMS) an effective and safe treatment option for postpartum and peripartum depression? A Systematic Review.. Journal of Affective Disorders Reports, 2022, , 100356.	0.9	0
8	Identifying and validating subtypes within major psychiatric disorders based on frontalâ€“posterior functional imbalance via deep learning. Molecular Psychiatry, 2021, 26, 2991-3002.	4.1	40
9	Low-Field Magnetic Stimulation Accelerates the Differentiation of Oligodendrocyte Precursor Cells via Non-canonical TGF-Î² Signaling Pathways. Molecular Neurobiology, 2021, 58, 855-866.	1.9	15
10	Melancholic Features in Bipolar Depression and Response to Lamotrigine. Journal of Clinical Psychopharmacology, 2021, 41, 315-319.	0.7	7
11	Exploratory study on neurochemical effects of low-intensity pulsed ultrasound in brains of mice. Medical and Biological Engineering and Computing, 2021, 59, 1099-1110.	1.6	8
12	Low field magnetic stimulation promotes myelin repair and cognitive recovery in chronic cuprizone mouse model. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 1090-1102.	0.9	12
13	Early-Stage Repetitive Transcranial Magnetic Stimulation Altered Posteriorâ€“Anterior Cerebrum Effective Connectivity in Methylazoxymethanol Acetate Rats. Frontiers in Neuroscience, 2021, 15, 652715.	1.4	4
14	Lamotrigine for acute bipolar depression: An exploratory itemâ€level analysis. Brain and Behavior, 2021, 11, e2222.	1.0	2
15	N6-methyladenosine (m6A) modification and its clinical relevance in cognitive dysfunctions. Aging, 2021, 13, 20716-20737.	1.4	17
16	Neurobiological substrates of major psychiatry disorders: transdiagnostic associations between white matter abnormalities, neuregulin 1 and clinical manifestation. Journal of Psychiatry and Neuroscience, 2021, 46, E506-E515.	1.4	7
17	Frontal-posterior functional imbalance and aberrant function developmental patterns in schizophrenia. Translational Psychiatry, 2021, 11, 495.	2.4	11
18	Hair cortisol, social support, personality traits, and clinical course: differences in schizophrenia and bipolar disorder. Brain and Behavior, 2021, , e2412.	1.0	3

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19	Paliperidone Compared with Haloperidol on the Theory of Mind Tasks in Schizophrenia: A Pilot Trial. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 3683-3691.	1.0	3
20	Cannabinoids as an Emerging Therapy for Posttraumatic Stress Disorder and Substance Use Disorders. Journal of Clinical Neurophysiology, 2020, 37, 28-34.	0.9	6
21	Association between alpha-synuclein (SNCA) rs11931074 variability and susceptibility to Parkinsonâ€™s disease: an updated meta-analysis of 41,811 patients. Neurological Sciences, 2020, 41, 271-280.	0.9	4
22	Applying dimensional psychopathology: transdiagnostic associations among regional homogeneity, leptin and depressive symptoms. Translational Psychiatry, 2020, 10, 248.	2.4	8
23	Altered structural connectivity and cytokine levels in Schizophrenia and Genetic high-risk individuals: Associations with disease states and vulnerability. Schizophrenia Research, 2020, 223, 158-165.	1.1	16
24	Anti-mouse CX3CR1 Antibody Alleviates Cognitive Impairment, Neuronal Loss and Myelin Deficits in an Animal Model of Brain Ischemia. Neuroscience, 2020, 438, 169-181.	1.1	17
25	Minocycline Ameliorates Depressive-Like Behavior and Demyelination Induced by Transient Global Cerebral Ischemia by Inhibiting Microglial Activation. Frontiers in Pharmacology, 2019, 10, 1247.	1.6	28
26	Low-Field Magnetic Stimulation Restores Cognitive and Motor Functions in the Mouse Model of Repeated Traumatic Brain Injury: Role of Cellular Prion Protein. Journal of Neurotrauma, 2019, 36, 3103-3114.	1.7	17
27	Venlafaxine Improves the Cognitive Impairment and Depression-Like Behaviors in a Cuprizone Mouse Model by Alleviating Demyelination and Neuroinflammation in the Brain. Frontiers in Pharmacology, 2019, 10, 332.	1.6	40
28	The incidence rate of cancer in patients with schizophrenia: A meta-analysis of cohort studies. Schizophrenia Research, 2018, 195, 519-528.	1.1	58
29	The role of neuroinflammation and amyloid in cognitive impairment in an <scp>APP</scp>/<scp>PS</scp>1 transgenic mouse model of Alzheimer's disease. CNS Neuroscience and Therapeutics, 2017, 23, 310-320.	1.9	59
30	Regulation of astrocyte pathology by fluoxetine prevents the deterioration of Alzheimer phenotypes in an <scp>APP/PS</scp>1 mouse model. Glia, 2016, 64, 240-254.	2.5	55
31	Misdiagnosis of spinal subacute combined degeneration in a patient with elevated serum B12 concentration and sensory deficit level. Neurological Sciences, 2016, 37, 1577-1578.	0.9	4
32	HF-rTMS treatment ameliorates acute cuprizone- induced demyelination and behavioral deficits. Brain Stimulation, 2015, 8, 407.	0.7	0
33	Astrocyteâ€dependent protective effect of quetiapine on <scp>GABA</scp>ergic neuron is associated with the prevention of anxietyâ€like behaviors in aging mice after longâ€term treatment. Journal of Neurochemistry, 2014, 130, 780-789.	2.1	16
34	Desvenlafaxine prevents white matter injury and improves the decreased phosphorylation of the rateâ€limiting enzyme of cholesterol synthesis in a chronic mouse model of depression. Journal of Neurochemistry, 2014, 131, 229-238.	2.1	30
35	Olanzapine ameliorates neuropathological changes and increases IGF-1 expression in frontal cortex of C57BL/6 mice exposed to cuprizone. Psychiatry Research, 2014, 216, 438-445.	1.7	21
36	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. Journal of Neuroscience Methods, 2014, 221, 103-111.	1.3	9

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37	Unpredictable chronic mild stress induces anxiety and depression-like behaviors and inactivates AMP-activated protein kinase in mice. Brain Research, 2014, 1576, 81-90.	1.1	78
38	Fluoxetine Improves Behavioral Performance by Suppressing the Production of Soluble β-Amyloid in APP/PS1 Mice. Current Alzheimer Research, 2014, 11, 672-680.	0.7	48
39	Quantitative MRI and ultrastructural examination of the cuprizone mouse model of demyelination. NMR in Biomedicine, 2013, 26, 1562-1581.	1.6	129
40	Locomotor activity and anxiety status, but not spatial working memory, are affected in mice after brief exposure to cuprizone. Neuroscience Bulletin, 2013, 29, 633-641.	1.5	18
41	Antipsychotics promote the differentiation of oligodendrocyte progenitor cells by regulating oligodendrocyte lineage transcription factors 1 and 2. Life Sciences, 2013, 93, 429-434.	2.0	32
42	Quetiapine prevents oligodendrocyte and myelin loss and promotes maturation of oligodendrocyte progenitors in the hippocampus of global cerebral ischemia mice. Journal of Neurochemistry, 2012, 123, 14-20.	2.1	38
43	Quetiapine enhances oligodendrocyte regeneration and myelin repair after cuprizone-induced demyelination. Schizophrenia Research, 2012, 138, 8-17.	1.1	117
44	Hyperforin promotes mitochondrial function and development of oligodendrocytes. Journal of Neurochemistry, 2011, 119, 555-568.	2.1	21
45	Convergent Evidence from Multimodal Imaging Reveals Amygdala Abnormalities in Schizophrenic Patients and Their First-Degree Relatives. PLoS ONE, 2011, 6, e28794.	1.1	39
46	Chronic effects of venlafaxine on synaptophysin and neuronal cell adhesion molecule in the hippocampus of cerebral ischemic miceThis paper is one of a selection of papers published in this special issue entitled â€œSecond International Symposium on Recent Advances in Basic, Clinical, and Social Medicineâ€•and has undergone the Journal's usual peer review process.. Biochemistry and Cell Biology, 2010, 88, 655-663.	0.9	19
47	Region-specific susceptibilities to cuprizone-induced lesions in the mouse forebrain: Implications for the pathophysiology of schizophrenia. Brain Research, 2009, 1270, 121-130.	1.1	63
48	Increased hippocampal neurogenesis in the progressive stage of Alzheimer's disease phenotype in an APP/PS1 double transgenic mouse model. Hippocampus, 2009, 19, 1247-1253.	0.9	119
49	Beneficial effects of quetiapine in a transgenic mouse model of Alzheimer's disease. Neurobiology of Aging, 2009, 30, 1205-1216.	1.5	33
50	Behavioral and neurobiological changes in C57BL/6 mice exposed to cuprizone.. Behavioral Neuroscience, 2009, 123, 418-429.	0.6	141
51	Demonstration of an antiâ€oxidative stress mechanism of quetiapine. FEBS Journal, 2008, 275, 3718-3728.	2.2	36
52	Quetiapine facilitates oligodendrocyte development and prevents mice from myelin breakdown and behavioral changes. Molecular Psychiatry, 2008, 13, 697-708.	4.1	170
53	Quetiapine alleviates the cuprizone-induced white matter pathology in the brain of C57BL/6 mouse. Schizophrenia Research, 2008, 106, 182-191.	1.1	111
54	Quetiapine attenuates the depressive and anxiolytic-like behavioural changes induced by global cerebral ischemia in mice. Behavioural Brain Research, 2007, 182, 36-41.	1.2	48

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55	Quetiapine attenuates spatial memory impairment and hippocampal neurodegeneration induced by bilateral common carotid artery occlusion in mice. Life Sciences, 2007, 81, 353-361.	2.0	34
56	Association of DAOA polymorphisms with schizophrenia and clinical symptoms or therapeutic effects. Neuroscience Letters, 2007, 416, 96-100.	1.0	36
57	Quetiapine reverses altered locomotor activity and tyrosine hydroxylase immunoreactivity in rat caudate putamen following long-term haloperidol treatment. Neuroscience Letters, 2007, 420, 66-71.	1.0	9
58	Positive Association of the Oxytocin Receptor Gene (OXTR) with Autism in the Chinese Han Population. Biological Psychiatry, 2005, 58, 74-77.	0.7	526
59	Lack of evidence for association between the serotonin transporter gene (SLC6A4) polymorphisms and autism in the Chinese trios. Neuroscience Letters, 2005, 381, 1-5.	1.0	19
60	Positive association of the human frizzled 3 (FZD3) gene haplotype with schizophrenia in Chinese Han population. American Journal of Medical Genetics Part A, 2004, 129B, 16-19.	2.4	36
61	Tenuigenin treatment decreases secretion of the Alzheimerâ€™s disease amyloid Î²-protein in cultured cells. Neuroscience Letters, 2004, 367, 123-128.	1.0	86
62	Combinatorial panel with endophenotypes from multilevel information of diffusion tensor imaging and lipid profile as predictors for depression. Australian and New Zealand Journal of Psychiatry, 0, , 000486742110314.	1.3	0