Ji-chun Zhang

List of Publications by Year
in descending order

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		172457	223800
43	2,992	29	46
papers	citations	h-index	g-index

50	50	50	2967
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulforaphane activates anti-inflammatory microglia, modulating stress resilience associated with BDNF transcription. Acta Pharmacologica Sinica, 2022, 43, 829-839.	6.1	17
2	Microglial ERK-NRBP1-CREB-BDNF signaling in sustained antidepressant actions of (R)-ketamine. Molecular Psychiatry, 2022, 27, 1618-1629.	7.9	87
3	Expression of Human Uncoupling Protein-1 in Escherichia coli Decreases its Survival Under Extremely Acidic Conditions. Current Microbiology, 2022, 79, 77.	2.2	0
4	Regulation of BDNF transcription by Nrf2 and MeCP2 ameliorates MPTP-induced neurotoxicity. Cell Death Discovery, 2022, 8, .	4.7	12
5	Suppression of abnormal Î±-synuclein expression by activation of BDNF transcription ameliorates Parkinsonâ€™s disease-like pathology. Molecular Therapy - Nucleic Acids, 2022, 29, 1-15.	5.1	14
6	The role of MeCP2 and the BDNF/TrkB signaling pathway in the stress resilience of mice subjected to CSDS. Psychopharmacology, 2022, 239, 2921-2929.	3.1	2
7	Activation of BDNF by transcription factor Nrf2 contributes to antidepressant-like actions in rodents. Translational Psychiatry, 2021, 11, 140.	4.8	49
8	Short DNA/RNA heteroduplex oligonucleotide interacting proteins are key regulators of target gene silencing. Nucleic Acids Research, 2021, 49, 4864-4876.	14.5	8
9	NRG1 accelerates the forgetting of fear memories and facilitates the induction of long-term depression in adult mice. Psychopharmacology, 2021, 238, 2535-2542.	3.1	4
10	Deletion of serine racemase confers D-serine â€“dependent resilience to chronic social defeat stress. Neurochemistry International, 2018, 116, 43-51.	3.8	18
11	Mechanistic Target of Rapamycinâ€“Independent Antidepressant Effects of (R)-Ketamine in a Social Defeat Stress Model. Biological Psychiatry, 2018, 83, 18-28.	1.3	194
12	Keap1â€“Nrf2 signaling pathway confers resilience versus susceptibility to inescapable electric stress. European Archives of Psychiatry and Clinical Neuroscience, 2018, 268, 865-870.	3.2	56
13	AMPA Receptor Activationâ€“Independent Antidepressant Actions of Ketamine Metabolite (S)-Norketamine. Biological Psychiatry, 2018, 84, 591-600.	1.3	97
14	Rapid and Sustained Antidepressant Action of the mGlu2/3 Receptor Antagonist MGS0039 in the Social Defeat Stress Model: Comparison with Ketamine. International Journal of Neuropsychopharmacology, 2017, 20, pyw089.	2.1	91
15	Intake of 7,8-dihydroxyflavone from pregnancy to weaning prevents cognitive deficits in adult offspring after maternal immune activation. European Archives of Psychiatry and Clinical Neuroscience, 2017, 267, 479-483.	3.2	14
16	Prophylactic effects of sulforaphane on depression-like behavior and dendritic changes in mice after inflammation. Journal of Nutritional Biochemistry, 2017, 39, 134-144.	4.2	90
17	Increased EphA4-ephexin1 signaling in the medial prefrontal cortex plays a role in depression-like phenotype. Scientific Reports, 2017, 7, 7133.	3.3	30
18	Antidepressant effects of combination of brexpiprazole and fluoxetine on depression-like behavior and dendritic changes in mice after inflammation. Psychopharmacology, 2017, 234, 525-533.	3.1	49

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19	Increased Levels of C1q in the Prefrontal Cortex of Adult Offspring after Maternal Immune Activation: Prevention by 7,8-Dihydroxyflavone. Clinical Psychopharmacology and Neuroscience, 2017, 15, 64-67.	2.0	26
20	Brain-derived Neurotrophic Factor (BDNF)-TrkB Signaling in Inflammation-related Depression and Potential Therapeutic Targets. Current Neuropharmacology, 2016, 14, 721-731.	2.9	366
21	Role of Keap1-Nrf2 signaling in depression and dietary intake of glucoraphanin confers stress resilience in mice. Scientific Reports, 2016, 6, 30659.	3.3	117
22	Adjunctive treatment of brexpiprazole with fluoxetine shows a rapid antidepressant effect in social defeat stress model: Role of BDNF-TrkB signaling. Scientific Reports, 2016, 6, 39209.	3.3	48
23	Loss of parvalbumin-immunoreactivity in mouse brain regions after repeated intermittent administration of esketamine, but not R-ketamine. Psychiatry Research, 2016, 239, 281-283.	3.3	82
24	Regional differences in the expression of brain-derived neurotrophic factor (BDNF) pro-peptide, proBDNF and preproBDNF in the brain confer stress resilience. European Archives of Psychiatry and Clinical Neuroscience, 2016, 266, 765-769.	3.2	67
25	Comparison of R-ketamine and rapastinel antidepressant effects in the social defeat stress model of depression. Psychopharmacology, 2016, 233, 3647-3657.	3.1	83
26	Depression-like phenotype by deletion of Î±7 nicotinic acetylcholine receptor: Role of BDNF-TrkB in nucleus accumbens. Scientific Reports, 2016, 6, 36705.	3.3	46
27	Intake of 7,8-Dihydroxyflavone During Juvenile and Adolescent Stages Prevents Onset of Psychosis in Adult Offspring After Maternal Immune Activation. Scientific Reports, 2016, 6, 36087.	3.3	43
28	Antidepressant effects of TBE-31 and MCE-1, the novel Nrf2 activators, in an inflammation model of depression. European Journal of Pharmacology, 2016, 793, 21-27.	3.5	27
29	Gene deficiency and pharmacological inhibition of soluble epoxide hydrolase confers resilience to repeated social defeat stress. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1944-52.	7.1	123
30	Effects of escitalopram, R-citalopram, and reboxetine on serum levels of tumor necrosis factor-Î±, interleukin-10, and depression-like behavior in mice after lipopolysaccharide administration. Pharmacology Biochemistry and Behavior, 2016, 144, 7-12.	2.9	40
31	Peripheral interleukin-6 promotes resilience versus susceptibility to inescapable electric stress. Acta Neuropsychiatrica, 2015, 27, 312-316.	2.1	50
32	Antidepressant Effects of TrkB Ligands on Depression-Like Behavior and Dendritic Changes in Mice After Inflammation. International Journal of Neuropsychopharmacology, 2015, 18, .	2.1	193
33	Effects of amycenone on serum levels of tumor necrosis factor-Î±, interleukin-10, and depression-like behavior in mice after lipopolysaccharide administration. Pharmacology Biochemistry and Behavior, 2015, 136, 7-12.	2.9	33
34	Tropisetron for postoperative cognitive decline. Australian and New Zealand Journal of Psychiatry, 2015, 49, 662-663.	2.3	2
35	Alterations in brain-derived neurotrophic factor (BDNF) and its precursor proBDNF in the brain regions of a learned helplessness rat model and the antidepressant effects of a TrkB agonist and antagonist. European Neuropsychopharmacology, 2015, 25, 2449-2458.	0.7	118
36	Comparison of ketamine, 7,8-dihydroxyflavone, and ANA-12 antidepressant effects in the social defeat stress model of depression. Psychopharmacology, 2015, 232, 4325-4335.	3.1	150

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37	Effects of Brilliant Blue G on Serum Tumor Necrosis Factor-Î± Levels and Depression-like Behavior in Mice after Lipopolysaccharide Administration. Clinical Psychopharmacology and Neuroscience, 2014, 12, 31-36.	2.0	49
38	7,8-Dihydroxyflavone, a TrkB agonist, attenuates behavioral abnormalities and neurotoxicity in mice after administration of methamphetamine. Psychopharmacology, 2014, 231, 159-166.	3.1	36
39	R (â^')-ketamine shows greater potency and longer lasting antidepressant effects than S (+)-ketamine. Pharmacology Biochemistry and Behavior, 2014, 116, 137-141.	2.9	275
40	Role of the NMDA receptor in cognitive deficits, anxiety and depressive-like behavior in juvenile and adult mice after neonatal dexamethasone exposure. Neurobiology of Disease, 2014, 62, 124-134.	4.4	37
41	Antidepressant Effects of Ketamine on Depression-like Behavior in Juvenile Mice after Neonatal Dexamethasone Exposure. Clinical Psychopharmacology and Neuroscience, 2014, 12, 124-127.	2.0	13
42	Effects of TrkB agonist 7,8-dihydroxyflavone on sensory gating deficits in mice after administration of methamphetamine. Pharmacology Biochemistry and Behavior, 2013, 106, 124-127.	2.9	31
43	In Vivo Evaluation of11C-labeled Three Radioligands for Glycine Transporter 1 in the Mouse Brain. Clinical Psychopharmacology and Neuroscience, 2012, 10, 34-43.	2.0	2