

Ke Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

4,222
citations

236925

25
h-index

118850

62
g-index

82
all docs

82
docs citations

82
times ranked

5008
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiota: a new insight into neurological diseases. Chinese Medical Journal, 2023, 136, 1261-1277.	2.3	8
2	Insights into the minimization of excess sludge production in micro-aerobic reactors coupled with a membrane bioreactor: Characteristics of extracellular polymeric substances. Chemosphere, 2022, 292, 133434.	8.2	14
3	è,é“â³¼®ç”ÿç%©¹¼šè\$£æžç¥žç»ç²³¼ç¥žç-³¼ç—...çš,,æ—°è\$†çª—. Scientia Sinica Vitae, 2022, , .	0.3	0
4	An entorhinal-visual cortical circuit regulates depression-like behaviors. Molecular Psychiatry, 2022, 27, 3807-3820.	7.9	17
5	Transformer 2 alpha homolog is a downstream gene of hypoxia-inducible factor 1 subunit alpha and is involved in the progression of pancreatic cancer. Bioengineered, 2022, 13, 13238-13251.	3.2	0
6	Regulation of Gut Microbiota Disrupts the Glucocorticoid Receptor Pathway and Inflammation-related Pathways in the Mouse Hippocampus. Experimental Neurobiology, 2021, 30, 59-72.	1.6	1
7	Prolonged chronic social defeat stress promotes less resilience and higher uniformity in depression-like behaviors in adult male mice. Biochemical and Biophysical Research Communications, 2021, 553, 107-113.	2.1	12
8	Comprehensive analysis of the lysine acetylome and succinylome in the hippocampus of gut microbiota-dysbiosis mice. Journal of Advanced Research, 2021, 30, 27-38.	9.5	26
9	Altered Fecal Metabolites and Colonic Glycerophospholipids Were Associated With Abnormal Composition of Gut Microbiota in a Depression Model of Mice. Frontiers in Neuroscience, 2021, 15, 701355.	2.8	11
10	Proteomic and metabolomic characterization of amygdala in chronic social defeat stress rats. Behavioural Brain Research, 2021, 412, 113407.	2.2	9
11	Proteomics analysis of the gut-brain axis in a gut microbiota-dysbiosis model of depression. Translational Psychiatry, 2021, 11, 568.	4.8	34
12	Proteomic Profiling of Lysine Acetylation Indicates Mitochondrial Dysfunction in the Hippocampus of Gut Microbiota-Absent Mice. Frontiers in Molecular Neuroscience, 2021, 14, 594332.	2.9	1
13	Proteomic Profiling of Lysine Acetylation Indicates Mitochondrial Dysfunction in the Hippocampus of Gut Microbiota-Absent Mice. Frontiers in Molecular Neuroscience, 2021, 14, 594332.	2.9	13
14	A method for identification and reconstruction of hard structural planes, weak interlayer and cavities in the limestone near surface. European Journal of Environmental and Civil Engineering, 2020, 24, 2489-2511.	2.1	7
15	Pigment epithelium-derived factor alleviates depressive-like behaviors in mice by modulating adult hippocampal synaptic growth and Wnt pathway. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 98, 109792.	4.8	10
16	Hippocampus-specific regulation of long non-coding RNA and mRNA expression in germ-free mice. Functional and Integrative Genomics, 2020, 20, 355-365.	3.5	16
17	Altered resting-state dynamic functional brain networks in major depressive disorder: Findings from the REST-meta-MDD consortium. NeuroImage: Clinical, 2020, 26, 102163.	2.7	76
18	The 25(OH)D/MDR signaling may play a role in major depression. Biochemical and Biophysical Research Communications, 2020, 523, 405-410.	2.1	13

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19	Integrated phosphoproteomic and metabolomic profiling reveals perturbed pathways in the hippocampus of gut microbiota dysbiosis mice. <i>Translational Psychiatry</i> , 2020, 10, 346.	4.8	24
20	iTRAQ-based proteomics implies inflammasome pathway activation in the prefrontal cortex of CSDS mice may influence resilience and susceptibility. <i>Life Sciences</i> , 2020, 262, 118501.	4.3	3
21	Microbial regulation of a lincRNA-miRNA-mRNA network in the mouse hippocampus. <i>Epigenomics</i> , 2020, 12, 1377-1387.	2.1	13
22	Factors affecting the ability of extensive green roofs to reduce nutrient pollutants in rainfall runoff. <i>Science of the Total Environment</i> , 2020, 732, 139248.	8.0	23
23	Major depression accompanied with inflammation and multiple cytokines alterations: Evidences from clinical patients to macaca fascicularis and LPS-induced depressive mice model. <i>Journal of Affective Disorders</i> , 2020, 271, 262-271.	4.1	21
24	Metabolomic abnormalities of purine and lipids implicated olfactory bulb dysfunction of CUMS depressive rats. <i>Metabolic Brain Disease</i> , 2020, 35, 649-659.	2.9	15
25	Commensal Microbiota Regulation of Metabolic Networks During Olfactory Dysfunction in Mice. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 761-769.	2.2	4
26	Extracellular Matrix and Oxidative Phosphorylation: Important Role in the Regulation of Hypothalamic Function by Gut Microbiota. <i>Frontiers in Genetics</i> , 2020, 11, 520.	2.3	16
27	Different Serotypes of Adeno-Associated Virus Vector- and Lentivirus-Mediated Tropism in Choroid Plexus by Intracerebroventricular Delivery. <i>Human Gene Therapy</i> , 2020, 31, 440-447.	2.7	20
28	DI-3-n-butylphthalide attenuates mouse behavioral deficits to chronic social defeat stress by regulating energy metabolism via AKT/CREB signaling pathway. <i>Translational Psychiatry</i> , 2020, 10, 49.	4.8	22
29	Entorhinal cortex-based metabolic profiling of chronic restraint stress mice model of depression. <i>Aging</i> , 2020, 12, 3042-3052.	3.1	11
30	miR-187a-3p inhibitor attenuates cerebral ischemia/reperfusion injury by regulating Seipin-mediated autophagic flux. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1051-1062.	4.0	11
31	PNU282987 inhibits amyloid β aggregation by upregulating astrocytic endogenous β -crystallin and HSP70 via regulation of the β 7AChR, PI3K/Akt/HSF1 signaling axis. <i>Molecular Medicine Reports</i> , 2020, 22, 201-208.	2.4	13
32	Long noncoding RNA GAS5 regulates the proliferation, migration, and invasion of glioma cells by negatively regulating miR-18a-5p. <i>Journal of Cellular Physiology</i> , 2019, 234, 757-768.	4.1	66
33	Urinary metabolite signature in bipolar disorder patients during depressive episode. <i>Aging</i> , 2019, 11, 1008-1018.	3.1	32
34	Proteomic analysis of the intestine reveals SNARE-mediated immunoregulatory and amino acid absorption perturbations in a rat model of depression. <i>Life Sciences</i> , 2019, 234, 116778.	4.3	13
35	<i>Clostridium butyricum</i> miyairi 588 has preventive effects on chronic social defeat stress-induced depressive-like behaviour and modulates microglial activation in mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 430-436.	2.1	51
36	Genome-wide profiling of long noncoding RNA expression patterns and CeRNA analysis in mouse cortical neurons infected with different strains of borna disease virus. <i>Genes and Diseases</i> , 2019, 6, 147-158.	3.4	6

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37	Renal Safety of Intra-Arterial Treatment after Acute Ischemic Stroke with Multimodal CT Imaging selection. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2031-2037.	1.6	8
38	Sema3A - mediated modulation of NR1D1 expression may be involved in the regulation of axonal guidance signaling by the microbiota. <i>Life Sciences</i> , 2019, 223, 54-61.	4.3	19
39	Absence of gut microbiota during early life affects anxiolytic Behaviors and monoamine neurotransmitters system in the hippocampal of mice. <i>Journal of the Neurological Sciences</i> , 2019, 400, 160-168.	0.6	33
40	Proteomic analysis of olfactory bulb suggests CACNA1E as a promoter of CREB signaling in microbiota-induced depression. <i>Journal of Proteomics</i> , 2019, 194, 132-147.	2.4	39
41	Application and comparison of logistic regression model and neural network model in earthquake-induced landslides susceptibility mapping at mountainous region, China. <i>Geomatics, Natural Hazards and Risk</i> , 2018, 9, 501-523.	4.3	19
42	Metabolite identification in fecal microbiota transplantation mouse livers and combined proteomics with chronic unpredictable mild stress mouse livers. <i>Translational Psychiatry</i> , 2018, 8, 34.	4.8	70
43	Hippocampal metabolic differences implicate distinctions between physical and psychological stress in four rat models of depression. <i>Translational Psychiatry</i> , 2018, 8, 4.	4.8	66
44	Recombinant tissue plasminogen activator induces long-term anxiety-like behaviors via the ERK1/2-GAD1-GABA cascade in the hippocampus of a rat model. <i>Neuropharmacology</i> , 2018, 128, 119-131.	4.1	17
45	Integrated Metabolomics and Proteomics Analysis of Hippocampus in a Rat Model of Depression. <i>Neuroscience</i> , 2018, 371, 207-220.	2.3	132
46	Gut microbiota regulates mouse behaviors through glucocorticoid receptor pathway genes in the hippocampus. <i>Translational Psychiatry</i> , 2018, 8, 187.	4.8	174
47	iTRAQ-based proteomics suggests LRP6, NPY and NPY2R perturbation in the hippocampus involved in CSDS may induce resilience and susceptibility. <i>Life Sciences</i> , 2018, 211, 102-117.	4.3	23
48	An analytical solution of stress distribution around underground gas storage cavern in bedded salt rock. <i>Journal of Renewable and Sustainable Energy</i> , 2018, 10, 034101.	2.0	5
49	Effects of gut microbiota on the microRNA and mRNA expression in the hippocampus of mice. <i>Behavioural Brain Research</i> , 2017, 322, 34-41.	2.2	77
50	Pioglitazone attenuates lipopolysaccharide-induced depression-like behaviors, modulates NF- κ B/IL-6/STAT3, CREB/BDNF pathways and central serotonergic neurotransmission in mice. <i>International Immunopharmacology</i> , 2017, 49, 178-186.	3.8	41
51	Different inhibitory effects on the proliferation and apoptosis of human and laboratory Borna disease virus-infected human neuroblastoma SH-SY5Y cells <i>in vitro</i> . <i>Molecular Medicine Reports</i> , 2017, 17, 925-931.	2.4	2
52	Rapid susceptibility mapping of earthquake-triggered slope geohazards in Lushan County by combining remote sensing with the AHP model developed for the Wenchuan earthquake. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 909-921.	3.5	11
53	Microbiota Modulate Anxiety-Like Behavior and Endocrine Abnormalities in Hypothalamic-Pituitary-Adrenal Axis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 489.	3.9	160
54	Randomized controlled trials of serotonin-norepinephrine reuptake inhibitor in treating major depressive disorder in children and adolescents: a meta-analysis of efficacy and acceptability. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, .	1.5	18

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55	Gut microbiome remodeling induces depressive-like behaviors through a pathway mediated by the host's metabolism. <i>Molecular Psychiatry</i> , 2016, 21, 786-796.	7.9	1,397
56	Inflammasome signaling affects anxiety- and depressive-like behavior and gut microbiome composition. <i>Molecular Psychiatry</i> , 2016, 21, 797-805.	7.9	400
57	Targeted Metabolomic Pathway Analysis and Validation Revealed Glutamatergic Disorder in the Prefrontal Cortex among the Chronic Social Defeat Stress Mice Model of Depression. <i>Journal of Proteome Research</i> , 2016, 15, 3784-3792.	3.7	75
58	2D-gel based proteomics unravels neurogenesis and energetic metabolism dysfunction of the olfactory bulb in CUMS rat model. <i>Behavioural Brain Research</i> , 2016, 313, 302-309.	2.2	22
59	Microbiota Modulates Behavior and Protein Kinase C mediated cAMP response element-binding protein Signaling. <i>Scientific Reports</i> , 2016, 6, 29998.	3.3	51
60	Quantitative proteomics analysis of the liver reveals immune regulation and lipid metabolism dysregulation in a mouse model of depression. <i>Behavioural Brain Research</i> , 2016, 311, 330-339.	2.2	45
61	Behavioral characterization of CD36 knockout mice with SHIRPA primary screen. <i>Behavioural Brain Research</i> , 2016, 299, 90-96.	2.2	15
62	Individual differences in rumination in healthy and depressive samples: association with brain structure, functional connectivity and depression. <i>Psychological Medicine</i> , 2015, 45, 2999-3008.	4.5	41
63	Borna disease virus infection impacts microRNAs associated with nervous system development, cell differentiation, proliferation and apoptosis in the hippocampi of neonatal rats. <i>Molecular Medicine Reports</i> , 2015, 12, 3697-3703.	2.4	12
64	GC-MS-Based Metabonomic Profiling Displayed Differing Effects of Borna Disease Virus Natural Strain Hu-H1 and Laboratory Strain V Infection in Rat Cortical Neurons. <i>International Journal of Molecular Sciences</i> , 2015, 16, 19347-19368.	4.1	17
65	iTRAQ-based quantitative analysis of hippocampal postsynaptic density-associated proteins in a rat chronic mild stress model of depression. <i>Neuroscience</i> , 2015, 298, 220-292.	2.3	64
66	Elevated host lipid metabolism revealed by iTRAQ-based quantitative proteomic analysis of cerebrospinal fluid of tuberculous meningitis patients. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 689-695.	2.1	18
67	Patterns of photoassimilate translocation between shoots in Chinese chestnut trees during flowering and fruit growth. <i>Australian Forestry</i> , 2015, 78, 86-91.	0.9	3
68	Real-Time qPCR Identifies Suitable Reference Genes for Borna Disease Virus-Infected Rat Cortical Neurons. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21825-21839.	4.1	20
69	Evidence for natural Borna disease virus infection in healthy domestic animals in three areas of western China. <i>Archives of Virology</i> , 2014, 159, 1941-1949.	2.1	18
70	Human borna disease virus infection impacts host proteome and histone lysine acetylation in human oligodendroglia cells. <i>Virology</i> , 2014, 464-465, 196-205.	2.4	16
71	Proteomics reveal energy metabolism and mitogen-activated protein kinase signal transduction perturbation in human Borna disease virus Hu-H1-infected oligodendroglial cells. <i>Neuroscience</i> , 2014, 268, 284-296.	2.3	17
72	Plasma-based proteomics reveals lipid metabolic and immunoregulatory dysregulation in post-stroke depression. <i>European Psychiatry</i> , 2014, 29, 307-315.	0.2	48

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73	Ipsilateral Hippocampal Proteomics Reveals Mitochondrial Antioxidative Stress Impairment in Cortical-Lesioned Chronic Mild Stressed Rats. <i>Current Molecular Medicine</i> , 2014, 14, 1186-1196.	1.3	16
74	Human but Not Laboratory Borna Disease Virus Inhibits Proliferation and Induces Apoptosis in Human Oligodendrocytes In Vitro. <i>PLoS ONE</i> , 2013, 8, e66623.	2.5	25
75	Plasma Metabonomics as a Novel Diagnostic Approach for Major Depressive Disorder. <i>Journal of Proteome Research</i> , 2012, 11, 1741-1748.	3.7	204
76	Borna Disease Virus Infection Perturbs Energy Metabolites and Amino Acids in Cultured Human Oligodendroglia Cells. <i>PLoS ONE</i> , 2012, 7, e44665.	2.5	22
77	Increased apoptosis and different regulation of pro-apoptosis protein bax and anti-apoptosis protein bcl-2 in the olfactory bulb of a rat model of depression. <i>Neuroscience Letters</i> , 2011, 504, 18-22.	2.1	43
78	Reduced neurogenesis and pre-synaptic dysfunction in the olfactory bulb of a rat model of depression. <i>Neuroscience</i> , 2011, 192, 609-618.	2.3	70
79	Responses of prophenoloxidase system and related defence parameters of <i>Litopenaeus vannamei</i> to low salinity. <i>Journal of Ocean University of China</i> , 2010, 9, 273-278.	1.2	16
80	A novel sequence detection with channel correlation information and its practical implementation in fast fading channel. , 2009, , .		0
81	Implementation of CCNUGrid-Based Drug Virtual Screening Applications Using Workflow Techniques. , 2006, , .		1