Jian-jun Chen

List of Publications by Year
in descending order

76 papers	5,509 citations	109321 35 h-index	85541 71 g-index
79 all docs	79 docs citations	79 times ranked	6871 citing authors

#	Article	IF	Citations
1	Multi-omics data reveals the disturbance of glycerophospholipid metabolism caused by disordered gut microbiota in depressed mice. Journal of Advanced Research, 2022, 39, 135-145.	9.5	37
2	Gut Microbiota-Related Inflammation Factors as a Potential Biomarker for Diagnosing Major Depressive Disorder. Frontiers in Cellular and Infection Microbiology, 2022, 12, 831186.	3.9	11
3	CD36 deficiency affects depressive-like behaviors possibly by modifying gut microbiota and the inflammasome pathway in mice. Translational Psychiatry, 2021, 11, 16.	4.8	23
4	Potential Biomarkers for Diagnosing Major Depressive Disorder Patients with Suicidal Ideation. Journal of Inflammation Research, 2021, Volume 14, 495-503.	3.5	12
5	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
6	Gut Microbiota-Derived Inflammation-Related Serum Metabolites as Potential Biomarkers for Major Depressive Disorder. Journal of Inflammation Research, 2021, Volume 14, 3755-3766.	3.5	22
7	MENDA: a comprehensive curated resource of metabolic characterization in depression. Briefings in Bioinformatics, 2020, 21, 1455-1464.	6.5	31
8	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
9	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
10	Associations between disordered gut microbiota and changes of neurotransmitters and short-chain fatty acids in depressed mice. Translational Psychiatry, 2020, 10, 350.	4.8	106
11	Microbial regulation of a lincRNAâ€“miRNAâ€“mRNA network in the mouse hippocampus. Epigenomics, 2020, 12, 1377-1387.	2.1	13
12	Crosstalk of gut microbiota and serum/hippocampus metabolites in neurobehavioral impairments induced by zinc oxide nanoparticles. Nanoscale, 2020, 12, 21429-21439.	5.6	29
13	Circulating microRNA 134 sheds light on the diagnosis of major depressive disorder. Translational Psychiatry, 2020, 10, 95.	4.8	41
14	Extracellular Matrix and Oxidative Phosphorylation: Important Role in the Regulation of Hypothalamic Function by Gut Microbiota. Frontiers in Genetics, 2020, 11, 520.	2.3	16
15	Dual Metabolomic Platforms Identified a Novel Urinary Metabolite Signature for Hepatitis B Virus-Infected Patients with Depression . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 1677-1683.	2.4	4
16	Diterpene Ginkgolides Exert an Antidepressant Effect Through the NT3-TrkA and Ras-MAPK Pathways . Drug Design, Development and Therapy, 2020, Volume 14, 1279-1294.	4.3	12
17	Misidentification of Acute Psychiatric Symptoms in the Emergency Room: Clinical Experience in China. Frontiers in Psychiatry, 2020, 11, 579484.	2.6	2
18	Age-specific differential changes on gut microbiota composition in patients with major depressive disorder. Aging, 2020, 12, 2764-2776.	3.1	43

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19	Urinary metabolite signature in bipolar disorder patients during depressive episode. Aging, 2019, 11, 1008-1018.	3.1	32
20	Proteomic analysis of the intestine reveals SNARE-mediated immunoregulatory and amino acid absorption perturbations in a rat model of depression. Life Sciences, 2019, 234, 116778.	4.3	13
21	Absence of gut microbiota affects lipid metabolism in the prefrontal cortex of mice. Neurological Research, 2019, 41, 1104-1112.	1.3	24
22	Clostridium butyricum miyairi 588 has preventive effects on chronic social defeat stress-induced depressive-like behaviour and modulates microglial activation in mice. Biochemical and Biophysical Research Communications, 2019, 516, 430-436.	2.1	51
23	Depressive symptoms and quality of life among Chinese medical postgraduates: a national cross-sectional study. Psychology, Health and Medicine, 2019, 24, 1015-1027.	2.4	18
24	Relationship between burnout and career choice regret among Chinese neurology postgraduates. BMC Medical Education, 2019, 19, 162.	2.4	23
25	Short-term efficacy and safety of repaglinide versus glimepiride as augmentation of metformin in treating patients with type 2 diabetes mellitus . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 519-526.	2.4	4
26	Sema3A - mediated modulation of NR1D1 expression may be involved in the regulation of axonal guidance signaling by the microbiota. Life Sciences, 2019, 223, 54-61.	4.3	19
27	The gut microbiome from patients with schizophrenia modulates the glutamate-glutamine-GABA cycle and schizophrenia-relevant behaviors in mice. Science Advances, 2019, 5, eaau8317.	10.3	446
28	Age-specific urinary metabolite signatures and functions in patients with major depressive disorder. Aging, 2019, 11, 6626-6637.	3.1	27
29	Comparative metaproteomics analysis shows altered fecal microbiota signatures in patients with major depressive disorder. NeuroReport, 2018, 29, 417-425.	1.2	126
30	Metabolite identification in fecal microbiota transplantation mouse livers and combined proteomics with chronic unpredictive mild stress mouse livers. Translational Psychiatry, 2018, 8, 34.	4.8	70
31	A systematic review and meta-analysis of deep brain stimulation in treatment-resistant depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 82, 224-232.	4.8	68
32	Urinary biomarker panel for diagnosing patients with depression and anxiety disorders. Translational Psychiatry, 2018, 8, 192.	4.8	83
33	Sex differences in gut microbiota in patients with major depressive disorder. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 647-655.	2.2	193
34	Plasma disturbance of phospholipid metabolism in major depressive disorder by integration of proteomics and metabolomics. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 1451-1461.	2.2	32
35	Diagnosis of major depressive disorder based on changes in multiple plasma neurotransmitters: a targeted metabolomics study. Translational Psychiatry, 2018, 8, 130.	4.8	152
36	Effects of gut microbiota on the microRNA and mRNA expression in the hippocampus of mice. Behavioural Brain Research, 2017, 322, 34-41.	2.2	77

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37	Up-regulation of SIRT6 in the hippocampus induced rats with depression-like behavior via the block Akt/GSK3Î² signaling pathway. Behavioural Brain Research, 2017, 323, 38-46.	2.2	37
38	Differential urinary metabolites related with the severity of major depressive disorder. Behavioural Brain Research, 2017, 332, 280-287.	2.2	59
39	Insight into the metabolic mechanism of Diterpene Ginkgolides on antidepressant effects for attenuating behavioural deficits compared with venlafaxine. Scientific Reports, 2017, 7, 9591.	3.3	19
40	Comparative efficacy and acceptability of electroconvulsive therapy versus repetitive transcranial magnetic stimulation for major depression: A systematic review and multiple-treatments meta-analysis. Behavioural Brain Research, 2017, 320, 30-36.	2.2	91
41	Social defeat stress causes depression-like behavior with metabolite changes in the prefrontal cortex of rats. PLoS ONE, 2017, 12, e0176725.	2.5	43
42	Meta-analyses of comparative efficacy of antidepressant medications on peripheral BDNF concentration in patients with depression. PLoS ONE, 2017, 12, e0172270.	2.5	130
43	Simultaneous Bilateral Basal Ganglia Hemorrhage. Current Drug Delivery, 2017, 14, 807-815.	1.6	8
44	Efficacy of ketamine in the rapid treatment of major depressive disorder: a meta-analysis of randomized, double-blind, placebo-controlled studies. Neuropsychiatric Disease and Treatment, 2016, Volume 12, 2859-2867.	2.2	87
45	Gut microbiome remodeling induces depressive-like behaviors through a pathway mediated by the hostâ€™s metabolism. Molecular Psychiatry, 2016, 21, 786-796.	7.9	1,397
46	The Extrinsic Coagulation Pathway: a Biomarker for Suicidal Behavior in Major Depressive Disorder. Scientific Reports, 2016, 6, 32882.	3.3	27
47	Identification of sex-specific urinary biomarkers for major depressive disorder by combined application of NMR- and GCâ€“MS-based metabonomics. Translational Psychiatry, 2016, 6, e955-e955.	4.8	53
48	Microbiota Modulates Behavior and Protein Kinase C mediated cAMP response element-binding protein Signaling. Scientific Reports, 2016, 6, 29998.	3.3	51
49	Quantitative Proteomic Analysis Reveals Molecular Adaptations in the Hippocampal Synaptic Active Zone of Chronic Mild Stress-Unsusceptible Rats. International Journal of Neuropsychopharmacology, 2016, 19, pyv100.	2.1	27
50	Intraventricular Hemorrhage and Early Hematoma Expansion in Patients with Intracerebral Hemorrhage. Scientific Reports, 2015, 5, 11357.	3.3	28
51	Divergent Urinary Metabolic Phenotypes between Major Depressive Disorder and Bipolar Disorder Identified by a Combined GCâ€“MS and NMR Spectroscopic Metabonomic Approach. Journal of Proteome Research, 2015, 14, 3382-3389.	3.7	71
52	Blend Sign on Computed Tomography. Stroke, 2015, 46, 2119-2123.	2.0	235
53	Combined Metabolomics and Proteomics Analysis of Major Depression in an Animal Model: Perturbed Energy Metabolism in the Chronic Mild Stressed Rat Cerebellum. OMICS A Journal of Integrative Biology, 2015, 19, 383-392.	2.0	80
54	iTRAQ-based quantitative analysis of hippocampal postsynaptic density-associated proteins in a rat chronic mild stress model of depression. Neuroscience, 2015, 298, 220-292.	2.3	64

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55	Do soy isoflavones improve cognitive function in postmenopausal women? A meta-analysis. Menopause, 2015, 22, 198-206.	2.0	49
56	Is pindolol augmentation effective in depressed patients resistant to selective serotonin reuptake inhibitors? A systematic review and metaâ€analysis. Human Psychopharmacology, 2015, 30, 132-142.	1.5	22
57	Blood glucose fluctuations in hemodialysis patients with end stage diabetic nephropathy. Journal of Diabetes and Its Complications, 2015, 29, 395-399.	2.3	39
58	Comparative efficacies of fluoxetine and paroxetine in major depression across varying acute-phase treatment periods: A meta-analysis. Asia-Pacific Psychiatry, 2014, 6, 353-362.	2.2	1
59	Urinary peptidomics identifies potential biomarkers for major depressive disorder. Psychiatry Research, 2014, 217, 25-33.	3.3	36
60	Metabolomic profiling of three brain regions from a postnatal infected Borna disease virus Hu-H1 rat model. Metabolomics, 2014, 10, 484-495.	3.0	13
61	A multiple-reaction-monitoring mass spectrometric method for simultaneous quantitative analysis of five plasma apolipoproteins. Science China Chemistry, 2014, 57, 723-731.	8.2	3
62	Bilateral vs. unilateral repetitive transcranial magnetic stimulation in treating major depression: A meta-analysis of randomized controlled trials. Psychiatry Research, 2014, 219, 51-57.	3.3	53
63	Combined Application of NMR- and GC-MS-Based Metabonomics Yields a Superior Urinary Biomarker Panel for Bipolar Disorder. Scientific Reports, 2014, 4, 5855.	3.3	65
64	Sex-Specific Urinary Biomarkers for Diagnosing Bipolar Disorder. PLoS ONE, 2014, 9, e115221.	2.5	27
65	Peripheral metabolic abnormalities of lipids and amino acids implicated in increased risk of suicidal behavior in major depressive disorder. Metabolomics, 2013, 9, 688-696.	3.0	25
66	A Novel Urinary Metabolite Signature for Diagnosing Major Depressive Disorder. Journal of Proteome Research, 2013, 12, 5904-5911.	3.7	98
67	Left versus right repetitive transcranial magnetic stimulation in treating major depression: A meta-analysis of randomised controlled trials. Psychiatry Research, 2013, 210, 1260-1264.	3.3	170
68	Proteomics reveals energy and glutathione metabolic dysregulation in the prefrontal cortex of a rat model of depression. Neuroscience, 2013, 247, 191-200.	2.3	81
69	Hippocampal synaptic dysregulation of exo/endocytosis-associated proteins induced in a chronic mild-stressed rat model. Neuroscience, 2013, 230, 1-12.	2.3	35
70	Metabolomic identification of molecular changes associated with stress resilience in the chronic mild stress rat model of depression. Metabolomics, 2013, 9, 433-443.	3.0	58
71	Repetitive transcranial magnetic stimulation versus electroconvulsive therapy for major depression: a meta-analysis of stimulus parameter effects. Neurological Research, 2013, 35, 1084-1091.	1.3	46
72	Direct <scp>B</scp>lue 71 staining as a destainingâ€free alternative loading control method for <scp>W</scp>estern blotting. Electrophoresis, 2013, 34, 2234-2239.	2.4	27

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73	Minimally Invasive Surgery for Spontaneous Supratentorial Intracerebral Hemorrhage. Stroke, 2012, 43, 2923-2930.	2.0	189
74	Potential clinical utility of plasma amino acid profiling in the detection of major depressive disorder. Psychiatry Research, 2012, 200, 1054-1057.	3.3	46
75	Associations Between Disordered Microbial Metabolites and Changes of Neurotransmitters in Depressed Mice. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	9
76	Differential Gut Microbiota Compositions Related With the Severity of Major Depressive Disorder. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	12