

Peng Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,073
citations

172457
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254184
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docs citations

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times ranked

3400
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in gut viral and bacterial species correlate with altered 1,2-diacylglyceride levels and structure in the prefrontal cortex in a depression-like non-human primate model. <i>Translational Psychiatry</i> , 2022, 12, 74.	4.8	14
2	The gut microbiome modulates gut-brain axis glycerophospholipid metabolism in a region-specific manner in a nonhuman primate model of depression. <i>Molecular Psychiatry</i> , 2021, 26, 2380-2392.	7.9	102
3	An integrated meta-analysis of peripheral blood metabolites and biological functions in major depressive disorder. <i>Molecular Psychiatry</i> , 2021, 26, 4265-4276.	7.9	119
4	Dynamic changes occur in the DNA gut virome of female cynomolgus macaques during aging. <i>MicrobiologyOpen</i> , 2021, 10, e1186.	3.0	4
5	Characterization of gut microbiome in mice model of depression with divergent response to escitalopram treatment. <i>Translational Psychiatry</i> , 2021, 11, 303.	4.8	48
6	Based on UPLC-Q-TOF-MS/MS, Systematic Network Pharmacology, and Molecular Docking to Explore the Potential Mechanism of Fructus Aurantii for Major Depression Disorder. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	1.2	5
7	Pigment epithelium-derived factor alleviates depressive-like behaviors in mice by modulating adult hippocampal synaptic growth and Wnt pathway. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 98, 109792.	4.8	10
8	Hippocampus-specific regulation of long non-coding RNA and mRNA expression in germ-free mice. <i>Functional and Integrative Genomics</i> , 2020, 20, 355-365.	3.5	16
9	Landscapes of bacterial and metabolic signatures and their interaction in major depressive disorders. <i>Science Advances</i> , 2020, 6, .	10.3	178
10	Circulating microRNA 134 sheds light on the diagnosis of major depressive disorder. <i>Translational Psychiatry</i> , 2020, 10, 95.	4.8	41
11	Gut Microbial Signatures Can Discriminate Unipolar from Bipolar Depression. <i>Advanced Science</i> , 2020, 7, 1902862.	11.2	99
12	Perturbed Microbial Ecology in Myasthenia Gravis: Evidence from the Gut Microbiome and Fecal Metabolome. <i>Advanced Science</i> , 2019, 6, 1901441.	11.2	55
13	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
14	<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
15	Effects of chronic stress on intestinal amino acid pathways. <i>Physiology and Behavior</i> , 2019, 204, 199-209.	2.1	11
16	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
17	The gut microbiome from patients with schizophrenia modulates the glutamate-glutamine-GABA cycle and schizophrenia-relevant behaviors in mice. <i>Science Advances</i> , 2019, 5, eaau8317.	10.3	446
18	Age-specific urinary metabolite signatures and functions in patients with major depressive disorder. <i>Aging</i> , 2019, 11, 6626-6637.	3.1	27

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19	Age-related changes in microbial composition and function in cynomolgus macaques. <i>Aging</i> , 2019, 11, 12080-12096.	3.1	25
20	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
21	Gut microbiota regulates mouse behaviors through glucocorticoid receptor pathway genes in the hippocampus. <i>Translational Psychiatry</i> , 2018, 8, 187.	4.8	174
22	Diagnosis of major depressive disorder based on changes in multiple plasma neurotransmitters: a targeted metabolomics study. <i>Translational Psychiatry</i> , 2018, 8, 130.	4.8	152
23	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
24	Differential urinary metabolites related with the severity of major depressive disorder. <i>Behavioural Brain Research</i> , 2017, 332, 280-287.	2.2	59
25	Predictive diagnosis of major depression using NMR-based metabolomics and least-squares support vector machine. <i>Clinica Chimica Acta</i> , 2017, 464, 223-227.	1.1	49
26	Plasma lipidomics reveals potential lipid markers of major depressive disorder. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6497-6507.	3.7	95
27	Metabolite signature for diagnosing major depressive disorder in peripheral blood mononuclear cells. <i>Journal of Affective Disorders</i> , 2016, 195, 75-81.	4.1	45
28	Severe disturbance of glucose metabolism in peripheral blood mononuclear cells of schizophrenia patients: a targeted metabolomic study. <i>Journal of Translational Medicine</i> , 2015, 13, 226.	4.4	50
29	Macaques Exhibit a Naturally-Occurring Depression Similar to Humans. <i>Scientific Reports</i> , 2015, 5, 9220.	3.3	39
30	Discovery and Validation of Plasma Biomarkers for Major Depressive Disorder Classification Based on Liquid Chromatography–Mass Spectrometry. <i>Journal of Proteome Research</i> , 2015, 14, 2322-2330.	3.7	152
31	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
32	Urinary peptidomics identifies potential biomarkers for major depressive disorder. <i>Psychiatry Research</i> , 2014, 217, 25-33.	3.3	36
33	Dynamic 1H NMR-based extracellular metabolomic analysis of oligodendroglia cells infected with herpes simplex virus type 1. <i>Metabolomics</i> , 2014, 10, 33-41.	3.0	3
34	2,4-Dihydroxypyrimidine is a potential urinary metabolite biomarker for diagnosing bipolar disorder. <i>Molecular BioSystems</i> , 2014, 10, 813.	2.9	41
35	Combined Application of NMR- and GC-MS-Based Metabonomics Yields a Superior Urinary Biomarker Panel for Bipolar Disorder. <i>Scientific Reports</i> , 2014, 4, 5855.	3.3	65
36	Glutamate and Lipid Metabolic Perturbation in the Hippocampi of Asymptomatic Borna Disease Virus-Infected Horses. <i>PLoS ONE</i> , 2014, 9, e99752.	2.5	8

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37	Sex-Specific Urinary Biomarkers for Diagnosing Bipolar Disorder. PLoS ONE, 2014, 9, e115221.	2.5	27
38	Novel urinary biomarkers for diagnosing bipolar disorder. Metabolomics, 2013, 9, 800-808.	3.0	33
39	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
40	A Novel Urinary Metabolite Signature for Diagnosing Major Depressive Disorder. Journal of Proteome Research, 2013, 12, 5904-5911.	3.7	98
41	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
42	Identification and Validation of Urinary Metabolite Biomarkers for Major Depressive Disorder. Molecular and Cellular Proteomics, 2013, 12, 207-214.	3.8	198
43	Plasma Metabonomics as a Novel Diagnostic Approach for Major Depressive Disorder. Journal of Proteome Research, 2012, 11, 1741-1748.	3.7	204