

Chun Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

4,609
citations

35
h-index

67
g-index

107
ext. papers

6,033
ext. citations

5.6
avg, IF

6.1
L-index

#	Paper	IF	Citations
100	Gut microbiota is involved in the antidepressant effects of adipose-derived mesenchymal stem cells in chronic social defeat stress mouse model.. <i>Psychopharmacology</i> , 2022 , 239, 533	4.7	0
99	Sulforaphane improves cognitive dysfunction after surgery and anesthesia in mice: The role of Keap1-Nrf2 signaling.. <i>Brain Research Bulletin</i> , 2022 , 181, 1-11	3.9	0
98	STAT4 and COL1A2 are potential diagnostic biomarkers and therapeutic targets for heart failure comorbid with depression.. <i>Brain Research Bulletin</i> , 2022 , 184, 68-75	3.9	1
97	Brain-heart communication in health and diseases.. <i>Brain Research Bulletin</i> , 2022 , 183, 27-37	3.9	1
96	Special issue on BrainBody communication in health and diseases□ <i>Brain Research Bulletin</i> , 2022 , 186, 47-49	3.9	1
95	Microglial ERK-NRBP1-CREB-BDNF signaling in sustained antidepressant actions of (R)-ketamine. <i>Molecular Psychiatry</i> , 2021 ,	15.1	7
94	Muscle-brain communication in pain: The key role of myokines. <i>Brain Research Bulletin</i> , 2021 , 179, 25-35	3.9	3
93	Dietary-Induced Elevations of Triglyceride-Rich Lipoproteins Promote Atherosclerosis in the Low-Density Lipoprotein Receptor Knockout Syrian Golden Hamster. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 738060	5.4	2
92	Is SARS-CoV-2 vaccination safe and effective for elderly individuals with neurodegenerative diseases?. <i>Expert Review of Vaccines</i> , 2021 , 20, 375-383	5.2	2
91	Brain-derived neurotrophic factor: An available biomarker to predict and diagnose sarcopenia in hemodialysis patients?. <i>Geriatrics and Gerontology International</i> , 2021 , 21, 542-543	2.9	1
90	The role of gut-brain axis in SARS-CoV-2 neuroinvasion: Culprit or innocent bystander?. <i>Brain, Behavior, and Immunity</i> , 2021 , 94, 476-477	16.6	4
89	Commentary: Serum Biomarkers Are Potential Diagnosis and Treatment Targets for Depressive Symptoms in Patients With Cardiovascular Diseases. <i>Frontiers in Psychiatry</i> , 2021 , 12, 649705	5	0
88	The Role of the Gastrointestinal System in Neuroinvasion by SARS-CoV-2. <i>Frontiers in Neuroscience</i> , 2021 , 15, 694446	5.1	3
87	New Insights Into the Comorbidity of Coronary Heart Disease and Depression. <i>Current Problems in Cardiology</i> , 2021 , 46, 100413	17.1	12
86	Less Social Support for Patients With COVID-19: Comparison With the Experience of Nurses. <i>Frontiers in Psychiatry</i> , 2021 , 12, 554435	5	3
85	Chronic Exposure to PM Nitrate, Sulfate, and Ammonium Causes Respiratory System Impairments in Mice. <i>Environmental Science & Technology</i> , 2021 , 55, 3081-3090	10.3	5
84	Revealing consensus gene pathways associated with respiratory functions and disrupted by PM2.5 nitrate exposure at bulk tissue and single cell resolution. <i>Environmental Pollution</i> , 2021 , 280, 116951	9.3	4

83	Pivotal role of the gut microbiota in congenital insensitivity to pain with anhidrosis. <i>Psychopharmacology</i> , 2021 , 238, 3131-3142	4.7	1
82	Gut microbiota is involved in the antidepressant-like effect of (S)-norketamine in an inflammation model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2021 , 207, 173226	3.9	3
81	miR-98-5p plays a critical role in depression and antidepressant effect of ketamine. <i>Translational Psychiatry</i> , 2021 , 11, 454	8.6	3
80	Changes in Rats' Gut Microbiota Composition Caused by Induced Chronic Myocardial Infarction Lead to Depression-Like Behavior.. <i>Frontiers in Microbiology</i> , 2021 , 12, 641084	5.7	0
79	Deleterious effects of viral pneumonia on cardiovascular system. <i>European Heart Journal</i> , 2020 , 41, 1833-1838	13	13
78	Prenatal exposure to ambient air multi-pollutants significantly impairs intrauterine fetal development trajectory. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 201, 110726	7	8
77	Nervous system involvement after infection with COVID-19 and other coronaviruses. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 18-22	16.6	967
76	Vicarious traumatization in the general public, members, and non-members of medical teams aiding in COVID-19 control. <i>Brain, Behavior, and Immunity</i> , 2020 , 88, 916-919	16.6	483
75	Abnormalities in gut microbiota and serum metabolites in hemodialysis patients with mild cognitive decline: a single-center observational study. <i>Psychopharmacology</i> , 2020 , 237, 2739-2752	4.7	3
74	Essential role of microglial transforming growth factor- β in antidepressant actions of (R)-ketamine and the novel antidepressant TGF- β . <i>Translational Psychiatry</i> , 2020 , 10, 32	8.6	30
73	Perioperative neurocognitive dysfunction: thinking from the gut?. <i>Aging</i> , 2020 , 12, 15797-15817	5.6	8
72	Role of angiotensin-converting enzyme 2 in neurodegenerative diseases during the COVID-19 pandemic. <i>Aging</i> , 2020 , 12, 24453-24461	5.6	4
71	Gut microbiota transplantation from db/db mice induces diabetes-like phenotypes and alterations in Hippo signaling in pseudo germ-free mice. <i>Aging</i> , 2020 , 12, 24156-24167	5.6	8
70	The Role of Gut Microbiota in the Antidepressant Effects of Ketamine 2020 , 127-141		2
69	The Role of Bacteria and Its Derived Metabolites in Chronic Pain and Depression: Recent Findings and Research Progress. <i>International Journal of Neuropsychopharmacology</i> , 2020 , 23, 26-41	5.8	29
68	HOTAIR promotes paclitaxel resistance by regulating CHEK1 in ovarian cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2020 , 86, 295-305	3.5	8
67	Brain-derived neurotrophic factor-TrkB signaling in the medial prefrontal cortex plays a role in the anhedonia-like phenotype after spared nerve injury. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020 , 270, 195-205	5.1	12
66	Let-7e Suppresses DNA Damage Repair and Sensitizes Ovarian Cancer to Cisplatin through Targeting PARP1. <i>Molecular Cancer Research</i> , 2020 , 18, 436-447	6.6	5

65	Abnormal composition of gut microbiota contributes to delirium-like behaviors after abdominal surgery in mice. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 685-696	6.8	28
64	Key role of gut microbiota in anhedonia-like phenotype in rodents with neuropathic pain. <i>Translational Psychiatry</i> , 2019 , 9, 57	8.6	73
63	Alterations in the BDNF-mTOR Signaling Pathway in the Spinal Cord Contribute to Hyperalgesia in a Rodent Model of Chronic Restraint Stress. <i>Neuroscience</i> , 2019 , 409, 142-151	3.9	9
62	Effects of dexmedetomidine on delirium and mortality during sedation in ICU patients: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2019 , 9, e025850	3	3
61	Ketamine Alleviates Postoperative Depression-Like Symptoms in Susceptible Mice: The Role of BDNF-TrkB Signaling. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1702	5.6	11
60	Is (S)-norketamine an alternative antidepressant for esketamine?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019 , 269, 867-868	5.1	19
59	Contribution of skeletal muscular glycine to rapid antidepressant effects of ketamine in an inflammation-induced mouse model of depression. <i>Psychopharmacology</i> , 2019 , 236, 3513-3523	4.7	7
58	Anesthesia and surgery induce cognitive dysfunction in elderly male mice: the role of gut microbiota. <i>Aging</i> , 2019 , 11, 1778-1790	5.6	29
57	Molecular and cellular mechanisms underlying the antidepressant effects of ketamine enantiomers and its metabolites. <i>Translational Psychiatry</i> , 2019 , 9, 280	8.6	82
56	Differential Levels of Hippo Signaling in Selected Brain and Peripheral Tissues in Streptozotocin-Induced Cognitive Dysfunction in Mice. <i>Neuroscience</i> , 2019 , 421, 48-58	3.9	2
55	Abnormal gut microbiota composition contributes to cognitive dysfunction in streptozotocin-induced diabetic mice. <i>Aging</i> , 2019 , 11, 3262-3279	5.6	33
54	Prevalence and predisposing factors of depressive symptoms in patients with stable coronary artery disease: a cross-sectional single-center study. <i>Aging</i> , 2019 , 11, 3958-3968	5.6	5
53	Metabolic remodeling induced by mitokines in heart failure. <i>Aging</i> , 2019 , 11, 7307-7327	5.6	5
52	Abnormal gut microbiota composition contributes to the development of type 2 diabetes mellitus in db/db mice. <i>Aging</i> , 2019 , 11, 10454-10467	5.6	37
51	Abnormalities in Inflammatory Cytokines Confer Susceptible to Chronic Neuropathic Pain-related Anhedonia in a Rat Model of Spared Nerve Injury. <i>Clinical Psychopharmacology and Neuroscience</i> , 2019 , 17, 189-199	3.4	11
50	Role of Actinobacteria and Coriobacteriia in the antidepressant effects of ketamine in an inflammation model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2019 , 176, 93-100	3.9	36
49	Apolipoprotein M Protects Against Lipopolysaccharide-Induced Acute Lung Injury via Sphingosine-1-Phosphate Signaling. <i>Inflammation</i> , 2018 , 41, 643-653	5.1	11
48	Regional differences in dendritic spine density confer resilience to chronic social defeat stress. <i>Acta Neuropsychiatrica</i> , 2018 , 30, 117-122	3.9	28

47	Mechanistic Target of Rapamycin-Independent Antidepressant Effects of (R)-Ketamine in a Social Defeat Stress Model. <i>Biological Psychiatry</i> , 2018 , 83, 18-28	7.9	124
46	Sulforaphane Alleviates Lipopolysaccharide-induced Spatial Learning and Memory Dysfunction in Mice: The Role of BDNF-mTOR Signaling Pathway. <i>Neuroscience</i> , 2018 , 388, 357-366	3.9	26
45	Role of Keap1-Nrf2 Signaling in Anhedonia Symptoms in a Rat Model of Chronic Neuropathic Pain: Improvement With Sulforaphane. <i>Frontiers in Pharmacology</i> , 2018 , 9, 887	5.6	19
44	Differential expression of serum biomarkers in hemodialysis patients with mild cognitive decline: A prospective single-center cohort study. <i>Scientific Reports</i> , 2018 , 8, 12250	4.9	7
43	Abnormal gut microbiota composition contributes to cognitive dysfunction in SAMP8 mice. <i>Aging</i> , 2018 , 10, 1257-1267	5.6	83
42	Anesthesia and surgery induce delirium-like behavior in susceptible mice: the role of oxidative stress. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 2435-2444	3	14
41	Enterochromaffin cells in the gut: a distant regulator of brain function?. <i>Gut</i> , 2018 , 67, 1557-1558	19.2	9
40	Relationship between Volatile Anesthetics and Tumor Progression: Unveiling the Mystery. <i>Current Medical Science</i> , 2018 , 38, 962-967	2.8	13
39	PGC-1 β -FNDC5-BDNF signaling pathway in skeletal muscle confers resilience to stress in mice subjected to chronic social defeat. <i>Psychopharmacology</i> , 2018 , 235, 3351-3358	4.7	17
38	(2R,6R)-Hydroxynorketamine is not essential for the antidepressant actions of (R)-ketamine in mice. <i>Neuropsychopharmacology</i> , 2018 , 43, 1900-1907	8.7	61
37	AMPA Receptor Activation-Independent Antidepressant Actions of Ketamine Metabolite (S)-Norketamine. <i>Biological Psychiatry</i> , 2018 , 84, 591-600	7.9	61
36	The Role of Cardiokines in Heart Diseases: Beneficial or Detrimental?. <i>BioMed Research International</i> , 2018 , 2018, 8207058	3	14
35	Multiple-dose and double-dose versus single-dose administration of methotrexate for the treatment of ectopic pregnancy: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2017 , 34, 383-391	4	22
34	Myokines: A promising therapeutic target for hepatic encephalopathy. <i>Journal of Hepatology</i> , 2017 , 66, 1099-1100	13.4	7
33	Bifidobacterium in the gut microbiota confer resilience to chronic social defeat stress in mice. <i>Scientific Reports</i> , 2017 , 7, 45942	4.9	95
32	(R)-Ketamine Shows Greater Potency and Longer Lasting Antidepressant Effects Than Its Metabolite (2R,6R)-Hydroxynorketamine. <i>Biological Psychiatry</i> , 2017 , 82, e43-e44	7.9	104
31	Prophylactic effects of sulforaphane on depression-like behavior and dendritic changes in mice after inflammation. <i>Journal of Nutritional Biochemistry</i> , 2017 , 39, 134-144	6.3	67
30	Rapid and Sustained Antidepressant Action of the mGlu2/3 Receptor Antagonist MGS0039 in the Social Defeat Stress Model: Comparison with Ketamine. <i>International Journal of Neuropsychopharmacology</i> , 2017 , 20, 228-236	5.8	71

29	Alterations in amino acid levels in mouse brain regions after adjunctive treatment of brexpiprazole with fluoxetine: comparison with (R)-ketamine. <i>Psychopharmacology</i> , 2017 , 234, 3165-3173	4.7	6
28	Increased EphA4-ephexin1 signaling in the medial prefrontal cortex plays a role in depression-like phenotype. <i>Scientific Reports</i> , 2017 , 7, 7133	4.9	14
27	Comparison of (R)-ketamine and lanicemine on depression-like phenotype and abnormal composition of gut microbiota in a social defeat stress model. <i>Scientific Reports</i> , 2017 , 7, 15725	4.9	66
26	Antidepressant effects of combination of brexpiprazole and fluoxetine on depression-like behavior and dendritic changes in mice after inflammation. <i>Psychopharmacology</i> , 2017 , 234, 525-533	4.7	36
25	Possible role of the gut microbiota-brain axis in the antidepressant effects of (R)-ketamine in a social defeat stress model. <i>Translational Psychiatry</i> , 2017 , 7, 1294	8.6	116
24	Depression-like phenotype by deletion of $\alpha 7$ nicotinic acetylcholine receptor: Role of BDNF-TrkB in nucleus accumbens. <i>Scientific Reports</i> , 2016 , 6, 36705	4.9	31
23	Intake of 7,8-Dihydroxyflavone During Juvenile and Adolescent Stages Prevents Onset of Psychosis in Adult Offspring After Maternal Immune Activation. <i>Scientific Reports</i> , 2016 , 6, 36087	4.9	31
22	Antidepressant effects of TBE-31 and MCE-1, the novel Nrf2 activators, in an inflammation model of depression. <i>European Journal of Pharmacology</i> , 2016 , 793, 21-27	5.3	22
21	Gene deficiency and pharmacological inhibition of soluble epoxide hydrolase confers resilience to repeated social defeat stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1944-52	11.5	99
20	Effects of escitalopram, R-citalopram, and reboxetine on serum levels of tumor necrosis factor- α interleukin-10, and depression-like behavior in mice after lipopolysaccharide administration. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 144, 7-12	3.9	32
19	Role of Keap1-Nrf2 signaling in depression and dietary intake of glucoraphanin confers stress resilience in mice. <i>Scientific Reports</i> , 2016 , 6, 30659	4.9	85
18	Adjunctive treatment of brexpiprazole with fluoxetine shows a rapid antidepressant effect in social defeat stress model: Role of BDNF-TrkB signaling. <i>Scientific Reports</i> , 2016 , 6, 39209	4.9	39
17	Loss of parvalbumin-immunoreactivity in mouse brain regions after repeated intermittent administration of esketamine, but not R-ketamine. <i>Psychiatry Research</i> , 2016 , 239, 281-3	9.9	67
16	Regional differences in the expression of brain-derived neurotrophic factor (BDNF) pro-peptide, proBDNF and preproBDNF in the brain confer stress resilience. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016 , 266, 765-769	5.1	46
15	Comparison of R-ketamine and rapastinel antidepressant effects in the social defeat stress model of depression. <i>Psychopharmacology</i> , 2016 , 233, 3647-57	4.7	69
14	Tropisetron for postoperative cognitive decline. <i>Australian and New Zealand Journal of Psychiatry</i> , 2015 , 49, 662-3	2.6	2
13	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. <i>European Neuropsychopharmacology</i> , 2015 , 25, 2449-58	1.2	93
12	Comparison of ketamine, 7,8-dihydroxyflavone, and ANA-12 antidepressant effects in the social defeat stress model of depression. <i>Psychopharmacology</i> , 2015 , 232, 4325-35	4.7	123

11	Peripheral interleukin-6 promotes resilience versus susceptibility to inescapable electric stress. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 312-6	3.9	38
10	Impact of ovarian endometrioma on ovarian responsiveness and IVF: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 9-19	4	45
9	Peripheral IL-6 signaling: a promising therapeutic target for depression?. <i>Expert Opinion on Investigational Drugs</i> , 2015 , 24, 989-90	5.9	12
8	Regional differences in brain-derived neurotrophic factor levels and dendritic spine density confer resilience to inescapable stress. <i>International Journal of Neuropsychopharmacology</i> , 2015 , 18, pyu121	5.8	78
7	Serum interleukin-6 is a predictive biomarker for ketamine's antidepressant effect in treatment-resistant patients with major depression. <i>Biological Psychiatry</i> , 2015 , 77, e19-e20	7.9	131
6	Combination of Nitrous Oxide with Isoflurane or Scopolamine for Treatment-resistant Major Depression. <i>Clinical Psychopharmacology and Neuroscience</i> , 2015 , 13, 118-20	3.4	4
5	Antidepressant effects of TrkB ligands on depression-like behavior and dendritic changes in mice after inflammation. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	156
4	Rapid antidepressant effects and abuse liability of ketamine. <i>Psychopharmacology</i> , 2014 , 231, 2041-2	4.7	35
3	Chronic lipopolysaccharide exposure induces cognitive dysfunction without affecting BDNF expression in the rat hippocampus. <i>Experimental and Therapeutic Medicine</i> , 2014 , 7, 750-754	2.1	39
2	Ketamine exerts antidepressant effects and reduces IL-1 β and IL-6 levels in rat prefrontal cortex and hippocampus. <i>Experimental and Therapeutic Medicine</i> , 2013 , 5, 1093-1096	2.1	44
1	Epigenetic silencing of miR-130b in ovarian cancer promotes the development of multidrug resistance by targeting colony-stimulating factor 1. <i>Gynecologic Oncology</i> , 2012 , 124, 325-34	4.9	90