Chun Yang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/675860/publications.pdf

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101	6,941	76196	64668
papers	citations	40	79
		h-index	g-index

107	107	107	9351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nervous system involvement after infection with COVID-19 and other coronaviruses. Brain, Behavior, and Immunity, 2020, 87, 18-22.	2.0	1,495
2	Vicarious traumatization in the general public, members, and non-members of medical teams aiding in COVID-19 control. Brain, Behavior, and Immunity, 2020, 88, 916-919.	2.0	766
3	Mechanistic Target of Rapamycinâ€"Independent Antidepressant Effects of (R)-Ketamine in a Social Defeat Stress Model. Biological Psychiatry, 2018, 83, 18-28.	0.7	194
4	Antidepressant Effects of TrkB Ligands on Depression-Like Behavior and Dendritic Changes in Mice After Inflammation. International Journal of Neuropsychopharmacology, 2015, 18, .	1.0	193
5	Possible role of the gut microbiotaâ€"brain axis in the antidepressant effects of (R)-ketamine in a social defeat stress model. Translational Psychiatry, 2017, 7, 1294.	2.4	173
6	Bifidobacterium in the gut microbiota confer resilience to chronic social defeat stress in mice. Scientific Reports, 2017, 7, 45942.	1.6	167
7	Serum Interleukin-6 Is a Predictive Biomarker for Ketamineâ€™s Antidepressant Effect in Treatment-Resistant Patients With Major Depression. Biological Psychiatry, 2015, 77, e19-e20.	0.7	155
8	Comparison of ketamine, 7,8-dihydroxyflavone, and ANA-12 antidepressant effects in the social defeat stress model of depression. Psychopharmacology, 2015, 232, 4325-4335.	1.5	150
9	(R)-Ketamine Shows Greater Potency and Longer Lasting Antidepressant Effects Than Its Metabolite (2) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	141
10	Key role of gut microbiota in anhedonia-like phenotype in rodents with neuropathic pain. Translational Psychiatry, 2019, 9, 57.	2.4	134
11	Molecular and cellular mechanisms underlying the antidepressant effects of ketamine enantiomers and its metabolites. Translational Psychiatry, 2019, 9, 280.	2.4	133
12	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.	3.3	123
13	Abnormal gut microbiota composition contributes to cognitive dysfunction in SAMP8 mice. Aging, 2018, 10, 1257-1267.	1.4	123
14	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.	0.3	118
15	Role of Keap1-Nrf2 signaling in depression and dietary intake of glucoraphanin confers stress resilience in mice. Scientific Reports, 2016, 6, 30659.	1.6	117
16	Epigenetic silencing of miR-130b in ovarian cancer promotes the development of multidrug resistance by targeting colony-stimulating factor 1. Gynecologic Oncology, 2012, 124, 325-334.	0.6	108
17	Comparison of (R)-ketamine and lanicemine on depression-like phenotype and abnormal composition of gut microbiota in a social defeat stress model. Scientific Reports, 2017, 7, 15725.	1.6	102
18	AMPA Receptor Activationâ€"Independent Antidepressant Actions of Ketamine Metabolite (S)-Norketamine. Biological Psychiatry, 2018, 84, 591-600.	0.7	97

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19	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.	1.0	91
20	Prophylactic effects of sulforaphane on depression-like behavior and dendritic changes in mice after inflammation. Journal of Nutritional Biochemistry, 2017, 39, 134-144.	1.9	90
21	Microglial ERK-NRBP1-CREB-BDNF signaling in sustained antidepressant actions of (R)-ketamine. Molecular Psychiatry, 2022, 27, 1618-1629.	4.1	87
22	Comparison of R-ketamine and rapastinel antidepressant effects in the social defeat stress model of depression. Psychopharmacology, 2016, 233, 3647-3657.	1.5	83
23	(2R,6R)-Hydroxynorketamine is not essential for the antidepressant actions of (R)-ketamine in mice. Neuropsychopharmacology, 2018, 43, 1900-1907.	2.8	83
24	Loss of parvalbumin-immunoreactivity in mouse brain regions after repeated intermittent administration of esketamine, but not R-ketamine. Psychiatry Research, 2016, 239, 281-283.	1.7	82
25	Essential role of microglial transforming growth factor-Î²1 in antidepressant actions of (R)-ketamine and the novel antidepressant TGF-Î²1. Translational Psychiatry, 2020, 10, 32.	2.4	75
26	Role of Actinobacteria and Coriobacteriia in the antidepressant effects of ketamine in an inflammation model of depression. Pharmacology Biochemistry and Behavior, 2019, 176, 93-100.	1.3	73
27	Impact of ovarian endometrioma on ovarian responsiveness and IVF: a systematic review and meta-analysis. Reproductive BioMedicine Online, 2015, 31, 9-19.	1.1	71
28	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.	1.8	67
29	Abnormal gut microbiota composition contributes to the development of type 2 diabetes mellitus in db/db mice. Aging, 2019, 11, 10454-10467.	1.4	64
30	The Role of Bacteria and Its Derived Metabolites in Chronic Pain and Depression: Recent Findings and Research Progress. International Journal of Neuropsychopharmacology, 2020, 23, 26-41.	1.0	58
31	Abnormal composition of gut microbiota contributes to deliriumâ€like behaviors after abdominal surgery in mice. CNS Neuroscience and Therapeutics, 2019, 25, 685-696.	1.9	54
32	Ketamine exerts antidepressant effects and reduces IL-1Î² and IL-6 levels in rat prefrontal cortex and hippocampus. Experimental and Therapeutic Medicine, 2013, 5, 1093-1096.	0.8	50
33	Chronic lipopolysaccharide exposure induces cognitive dysfunction without affecting BDNF expression in the rat hippocampus. Experimental and Therapeutic Medicine, 2014, 7, 750-754.	0.8	50
34	Peripheral interleukin-6 promotes resilience versus susceptibility to inescapable electric stress. Acta Neuropsychiatrica, 2015, 27, 312-316.	1.0	50
35	Antidepressant effects of combination of brexpiprazole and fluoxetine on depression-like behavior and dendritic changes in mice after inflammation. Psychopharmacology, 2017, 234, 525-533.	1.5	49
36	Anesthesia and surgery induce cognitive dysfunction in elderly male mice: the role of gut microbiota. Aging, 2019, 11, 1778-1790.	1.4	49

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37	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.	1.6	48
38	Depression-like phenotype by deletion of Î±7 nicotinic acetylcholine receptor: Role of BDNF-TrkB in nucleus accumbens. Scientific Reports, 2016, 6, 36705.	1.6	46
39	Regional differences in dendritic spine density confer resilience to chronic social defeat stress. Acta Neuropsychiatrica, 2018, 30, 117-122.	1.0	46
40	Abnormal gut microbiota composition contributes to cognitive dysfunction in streptozotocin-induced diabetic mice. Aging, 2019, 11, 3262-3279.	1.4	46
41	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.	1.6	43
42	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.	1.3	40
43	Rapid antidepressant effects and abuse liability of ketamine. Psychopharmacology, 2014, 231, 2041-2042.	1.5	39
44	Multiple-dose and double-dose versus single-dose administration of methotrexate for the treatment of ectopic pregnancy: a systematic review and meta-analysis. Reproductive BioMedicine Online, 2017, 34, 383-391.	1.1	37
45	Sulforaphane Alleviates Lipopolysaccharide-induced Spatial Learning and Memory Dysfunction in Mice: The Role of BDNF-mTOR Signaling Pathway. Neuroscience, 2018, 388, 357-366.	1.1	37
46	New Insights Into the Comorbidity of Coronary Heart Disease and Depression. Current Problems in Cardiology, 2021, 46, 100413.	1.1	32
47	Perioperative neurocognitive dysfunction: thinking from the gut?. Aging, 2020, 12, 15797-15817.	1.4	32
48	Increased EphA4-ephexin1 signaling in the medial prefrontal cortex plays a role in depression-like phenotype. Scientific Reports, 2017, 7, 7133.	1.6	30
49	Role of Keap1-Nrf2 Signaling in Anhedonia Symptoms in a Rat Model of Chronic Neuropathic Pain: Improvement With Sulforaphane. Frontiers in Pharmacology, 2018, 9, 887.	1.6	29
50	Is (S)-norketamine an alternative antidepressant for esketamine?. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 867-868.	1.8	29
51	Chronic Exposure to PM_{2.5} Nitrate, Sulfate, and Ammonium Causes Respiratory System Impairments in Mice. Environmental Science & Technology, 2021, 55, 3081-3090.	4.6	28
52	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.	1.7	27
53	PGC-1Î±â€“FNDC5â€“BDNF signaling pathway in skeletal muscle confers resilience to stress in mice subjected to chronic social defeat. Psychopharmacology, 2018, 235, 3351-3358.	1.5	25
54	Ketamine Alleviates Postoperative Depression-Like Symptoms in Susceptible Mice: The Role of BDNF-TrkB Signaling. Frontiers in Pharmacology, 2019, 10, 1702.	1.6	22

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55	The Role of Cardiokines in Heart Diseases: Beneficial or Detrimental?. BioMed Research International, 2018, 2018, 1-14.	0.9	20
56	Prenatal exposure to ambient air multi-pollutants significantly impairs intrauterine fetal development trajectory. Ecotoxicology and Environmental Safety, 2020, 201, 110726.	2.9	20
57	Relationship between Volatile Anesthetics and Tumor Progression: Unveiling the Mystery. Current Medical Science, 2018, 38, 962-967.	0.7	19
58	Deleterious effects of viral pneumonia on cardiovascular system. European Heart Journal, 2020, 41, 1833-1838.	1.0	19
59	Apolipoprotein M Protects Against Lipopolysaccharide-Induced Acute Lung Injury via Sphingosine-1-Phosphate Signaling. Inflammation, 2018, 41, 643-653.	1.7	18
60	Brain-derived neurotrophic factor-TrkB signaling in the medial prefrontal cortex plays a role in the anhedonia-like phenotype after spared nerve injury. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 195-205.	1.8	18
61	Gut microbiota is involved in the antidepressant-like effect of (S)-norketamine in an inflammation model of depression. Pharmacology Biochemistry and Behavior, 2021, 207, 173226.	1.3	18
62	Gut microbiota transplantation from db/db mice induces diabetes-like phenotypes and alterations in Hippo signaling in pseudo germ-free mice. Aging, 2020, 12, 24156-24167.	1.4	18
63	HOTAIR promotes paclitaxel resistance by regulating CHEK1 in ovarian cancer. Cancer Chemotherapy and Pharmacology, 2020, 86, 295-305.	1.1	17
64	Let-7e Suppresses DNA Damage Repair and Sensitizes Ovarian Cancer to Cisplatin through Targeting PARP1. Molecular Cancer Research, 2020, 18, 436-447.	1.5	17
65	miR-98-5p plays a critical role in depression and antidepressant effect of ketamine. Translational Psychiatry, 2021, 11, 454.	2.4	17
66	Abnormalities in Inflammatory Cytokines Confer Susceptible to Chronic Neuropathic Pain-related Anhedonia in a Rat Model of Spared Nerve Injury. Clinical Psychopharmacology and Neuroscience, 2019, 17, 189-199.	0.9	17
67	Alterations in the BDNFâ€“mTOR Signaling Pathway in the Spinal Cord Contribute to Hyperalgesia in a Rodent Model of Chronic Restraint Stress. Neuroscience, 2019, 409, 142-151.	1.1	14
68	Less Social Support for Patients With COVID-19: Comparison With the Experience of Nurses. Frontiers in Psychiatry, 2021, 12, 554435.	1.3	14
69	Anesthesia and surgery induce delirium-like behavior in susceptible mice: the role of oxidative stress. American Journal of Translational Research (discontinued), 2018, 10, 2435-2444.	0.0	14
70	The Role of the Gastrointestinal System in Neuroinvasion by SARS-CoV-2. Frontiers in Neuroscience, 2021, 15, 694446.	1.4	13
71	Peripheral IL-6 signaling: a promising therapeutic target for depression?. Expert Opinion on Investigational Drugs, 2015, 24, 989-990.	1.9	12
72	Differential expression of serum biomarkers in hemodialysis patients with mild cognitive decline: A prospective single-center cohort study. Scientific Reports, 2018, 8, 12250.	1.6	12

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73	The role of gut-brain axis in SARA-CoV-2 neuroinvasion: Culprit or innocent bystander?. Brain, Behavior, and Immunity, 2021, 94, 476-477.	2.0	12
74	Revealing consensus gene pathways associated with respiratory functions and disrupted by PM2.5 nitrate exposure at bulk tissue and single cell resolution. Environmental Pollution, 2021, 280, 116951.	3.7	12
75	STAT4 and COL1A2 are potential diagnostic biomarkers and therapeutic targets for heart failure comorbided with depression. Brain Research Bulletin, 2022, 184, 68-75.	1.4	12
76	Brainâ€“heart communication in health and diseases. Brain Research Bulletin, 2022, 183, 27-37.	1.4	11
77	Enterochromaffin cells in the gut: a distant regulator of brain function?. Gut, 2018, 67, 1557-1558.	6.1	10
78	Role of depressive symptoms in the prognosis of heart failure and its potential clinical predictors. ESC Heart Failure, 2022, 9, 2676-2685.	1.4	10
79	Metabolic remodeling induced by mitokines in heart failure. Aging, 2019, 11, 7307-7327.	1.4	9
80	Myokines: A promising therapeutic target for hepatic encephalopathy. Journal of Hepatology, 2017, 66, 1099-1100.	1.8	8
81	Alterations in amino acid levels in mouse brain regions after adjunctive treatment of brexpiprazole with fluoxetine: comparison with (R)-ketamine. Psychopharmacology, 2017, 234, 3165-3173.	1.5	8
82	Abnormalities in gut microbiota and serum metabolites in hemodialysis patients with mild cognitive decline: a single-center observational study. Psychopharmacology, 2020, 237, 2739-2752.	1.5	8
83	Prevalence and predisposing factors of depressive symptoms in patients with stable coronary artery disease: a cross-sectional single-center study. Aging, 2019, 11, 3958-3968.	1.4	8
84	Role of angiotensin-converting enzyme 2 in neurodegenerative diseases during the COVID-19 pandemic. Aging, 2020, 12, 24453-24461.	1.4	8
85	Contribution of skeletal muscular glycine to rapid antidepressant effects of ketamine in an inflammation-induced mouse model of depression. Psychopharmacology, 2019, 236, 3513-3523.	1.5	7
86	Muscle-brain communication in pain: The key role of myokines. Brain Research Bulletin, 2022, 179, 25-35.	1.4	7
87	Gut microbiota is involved in the antidepressant effects of adipose-derived mesenchymal stem cells in chronic social defeat stress mouse model. Psychopharmacology, 2022, 239, 533-549.	1.5	7
88	Deleterious effects of nervous system in the offspring following maternal SARS-CoV-2 infection during the COVID-19 pandemic. Translational Psychiatry, 2022, 12, .	2.4	7
89	Effects of dexmedetomidine on delirium and mortality during sedation in ICU patients: a systematic review and meta-analysis protocol. BMJ Open, 2019, 9, e025850.	0.8	6
90	Dietary-Induced Elevations of Triglyceride-Rich Lipoproteins Promote Atherosclerosis in the Low-Density Lipoprotein Receptor Knockout Syrian Golden Hamster. Frontiers in Cardiovascular Medicine, 2021, 8, 738060.	1.1	6

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91	Sulforaphane improves cognitive dysfunction after surgery and anesthesia in mice: The role of Keap1-Nrf2 signaling. Brain Research Bulletin, 2022, 181, 1-11.	1.4	6
92	Differential Levels of Hippo Signaling in Selected Brain and Peripheral Tissues in Streptozotocin-Induced Cognitive Dysfunction in Mice. Neuroscience, 2019, 421, 48-58.	1.1	5
93	Is SARS-CoV-2 vaccination safe and effective for elderly individuals with neurodegenerative diseases?. Expert Review of Vaccines, 2021, 20, 1-9.	2.0	5
94	Pivotal role of the gut microbiota in congenital insensitivity to pain with anhidrosis. Psychopharmacology, 2021, 238, 3131-3142.	1.5	4
95	The Role of Gut Microbiota in the Antidepressant Effects of Ketamine. , 2020, , 127-141.		4
96	Combination of Nitrous Oxide with Isoflurane or Scopolamine for Treatment-resistant Major Depression. Clinical Psychopharmacology and Neuroscience, 2015, 13, 118-120.	0.9	4
97	Changes in Ratsâ€™ Gut Microbiota Composition Caused by Induced Chronic Myocardial Infarction Lead to Depression-Like Behavior. Frontiers in Microbiology, 2021, 12, 641084.	1.5	3
98	Tropisetron for postoperative cognitive decline. Australian and New Zealand Journal of Psychiatry, 2015, 49, 662-663.	1.3	2
99	Brainâ€derived neurotrophic factor: An available biomarker to predict and diagnose sarcopenia in hemodialysis patients?. Geriatrics and Gerontology International, 2021, 21, 542-543.	0.7	1
100	Commentary: Serum Biomarkers Are Potential Diagnosis and Treatment Targets for Depressive Symptoms in Patients With Cardiovascular Diseases. Frontiers in Psychiatry, 2021, 12, 649705.	1.3	1
101	Special issue on â€œBrainâ€“body communication in health and diseasesâ€: Brain Research Bulletin, 2022, 186, 47-49.	1.4	1