

# Gang Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

707  
citations

567281

15  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of normalized NMDA receptor and mTOR-related signaling in rapid antidepressant effects of Yueju and ketamine on chronically stressed mice. <i>Scientific Reports</i> , 2015, 5, 13573.	3.3	121
2	PKA-CREB-BDNF signaling regulated long lasting antidepressant activities of Yueju but not ketamine. <i>Scientific Reports</i> , 2016, 6, 26331.	3.3	87
3	Yueju Pill Rapidly Induces Antidepressant-Like Effects and Acutely Enhances BDNF Expression in Mouse Brain. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	55
4	Optimization of Supercritical Fluid Extraction of Oil from the Fruit of <i>Gardenia jasminoides</i> and Its Antidepressant Activity. <i>Molecules</i> , 2014, 19, 19350-19360.	3.8	48
5	Quercitrin Rapidly Alleviated Depression-like Behaviors in Lipopolysaccharide-Treated Mice: The Involvement of PI3K/AKT/NF- $\kappa$ B Signaling Suppression and CREB/BDNF Signaling Restoration in the Hippocampus. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3387-3396.	3.5	46
6	Rapid Antidepressant Activity of Ethanol Extract of <i>Gardenia jasminoides</i> Ellis Is Associated with Upregulation of BDNF Expression in the Hippocampus. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	1.2	42
7	Echinacoside protects against MPTP/MPP <sup>+</sup> -induced neurotoxicity via regulating autophagy pathway mediated by Sirt1. <i>Metabolic Brain Disease</i> , 2019, 34, 203-212.	2.9	37
8	Instant and Persistent Antidepressant Response of <i>Gardenia</i> Yellow Pigment Is Associated with Acute Protein Synthesis and Delayed Upregulation of BDNF Expression in the Hippocampus. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1068-1076.	3.5	32
9	Crocin Reverses Depression-Like Behavior in Parkinson Disease Mice via VTA-mPFC Pathway. <i>Molecular Neurobiology</i> , 2020, 57, 3158-3170.	4.0	32
10	Two standardized fractions of <i>Gardenia jasminoides</i> Ellis with rapid antidepressant effects are differentially associated with BDNF up-regulation in the hippocampus. <i>Journal of Ethnopharmacology</i> , 2016, 187, 66-73.	4.1	30
11	A role of Yueju in fast-onset antidepressant action on major depressive disorder and serum BDNF expression: a randomly double-blind, fluoxetine-adjunct, placebo-controlled, pilot clinical study. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2013.	2.2	28
12	Neural Plasticity Associated with Hippocampal PKA-CREB and NMDA Signaling Is Involved in the Antidepressant Effect of Repeated Low Dose of Yueju Pill on Chronic Mouse Model of Learned Helplessness. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	2.2	19
13	Instant and Lasting Down-Regulation of NR1 Expression in the Hippocampus is Associated Temporally with Antidepressant Activity After Acute Yueju. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 1189-1196.	3.3	18
14	Neurobiology of Chinese Herbal Medicine on Major Depressive Disorder. <i>International Review of Neurobiology</i> , 2017, 135, 77-95.	2.0	18
15	Rapid antidepressant effects of Yueju: A new look at the function and mechanism of an old herbal medicine. <i>Journal of Ethnopharmacology</i> , 2017, 203, 226-232.	4.1	17
16	Beneficial Effects of Crocin against Depression via Pituitary Adenylate Cyclase-Activating Polypeptide. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	17
17	Yueju-Ganmaidazao Decoction confers rapid antidepressant-like effects and the involvement of suppression of NMDA/NO/cGMP signaling. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112380.	4.1	16
18	Immediate and persistent antidepressant-like effects of Chaihu-jia-Longgu-Muli-tang are associated with instantly up-regulated BDNF in the hippocampus of mice. <i>Bioscience Reports</i> , 2019, 39, .	2.4	11

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19	Synergistic effects of two naturally occurring iridoids in eliciting a rapid antidepressant action by up-regulating hippocampal PACAP signalling. <i>British Journal of Pharmacology</i> , 2022, 179, 4078-4091.	5.4	11
20	A natural carotenoid crocin exerts antidepressant action by promoting adult hippocampal neurogenesis through Wnt/ $\beta$ -catenin signaling. <i>Journal of Advanced Research</i> , 2023, 43, 219-231.	9.5	11
21	Full genetic analysis for genome-wide association study of Fangji: a powerful approach for effectively dissecting the molecular architecture of personalized traditional Chinese medicine. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 906-911.	6.1	10
22	Repeated Yueju, But Not Fluoxetine, Induced Sustained Antidepressant Activity in a Mouse Model of Chronic Learned Helplessness: Involvement of CaMKII Signaling in the Hippocampus. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-11.	1.2	1
23	Early Enhancement of Neuroplasticity Index, the Ratio of Serum Brain-Derived Neurotrophic Factor Level to HAMD-24 Score, in Predicting the Long-Term Antidepressant Efficacy. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 712445.	2.0	0