

特别关注：

中药基于肠道菌群调节单胺类神经递质水平改善神经精神疾病的研究进展

肠道菌群对宿主体内单胺类神经递质的合成及代谢具有重要调节作用，已成为神经精神疾病治疗的新靶点。该文总结了肠道菌群调节宿主单胺类神经递质水平的作用途径，归纳了中药基于“菌-肠-脑轴”干预神经精神疾病的相关研究，为阐释口服中药药效物质基础和作用机制，及神经精神疾病中药研发及治疗方案的制定提供思路及参考。

中
国
中
药
杂
志

China Journal of Chinese Materia Medica
ZHONGGUO ZHONGYAO ZAZHI

2023年2月 第48卷 第4期

2023/4

中医药科技期刊分级目录T1级期刊
中国中文核心期刊
中国科技核心期刊
CSCD来源期刊



中国药学会
CHINESE PHARMACEUTICAL ASSOCIATION



目 次

·综述·

中药基于肠道菌群调节单胺类神经递质水平改善神经精神疾病的研究进展

胡晓璐, 吴霞 (853)

五味子化学成分和缓解非酒精性脂肪肝病研究进展

穆新路, 李斌, 邹雨岑, 刘久石, 张本刚, 肖培根, 刘海涛 (861)

黄酮类中药单体对心肌缺血再灌注损伤信号通路调控作用的研究进展

胡雅琪, 刘建和 (879)

中药煎煮的化学反应机制研究现状

赖长江生, 陈泽炎, 邱子栋, 陈友润, 王重阳, 梅南菊, 刘锦芮 (890)

·资源与鉴定·

基于辨状论质的蛇床子商品等级质量评价

胡慧芳, 席少阳, 曹后康, 郭延秀, 王圆梦, 葛灵辉, 马晓辉, 詹志来, 晋玲 (900)

不同生境下锁阳主要活性成分和矿质元素含量的分析及其品质评价

赵鹏宇, 杨月琴, 王非凡, 彭敏, 李明聪, 裴栋, 侯智扬, 周玉碧 (908)

基于干法快速蒸发离子化质谱(REIMS)指纹图谱与机器学习算法联用的白头翁真伪判别研究

石岩, 姚令文, 魏锋, 马双成 (921)

·分子生药学·

绞股蓝萜类合成酶(TPS)基因家族鉴定及其在非生物胁迫下的表达分析

零唯, 覃艳红, 黄鼎, 明如宏, 谭勇 (930)

基于全长转录组测序的多花黄精WRKY转录因子家族分析

田韦韦, 严志祥, 王成, 袁权, 华桦, 刘俐, 余冬梅, 王剑波, 赵军宁 (939)

·制剂与炮制·

石灰水炮制半夏对毒性成分凝集素蛋白的影响研究

陶兴宝, 吴皓 (951)

基于偏最小二乘算法探究山楂和焦山楂消食健脾功效成分

孙飞, 吴相亲, 戚悦, 陈星宇, 曹玉华, 王建刚, 王淑美, 梁生旺 (958)

基于网络药理学结合响应面法优选酸枣仁-南五味子药对醇提工艺

黄冕, 宋育萌, 王习悦, 翟秉涛, 程江雪, 张小飞, 郭东艳 (966)

·化学·

云南金叶子叶的化学成分研究

王曼, 王亚男, 王海强, 杨婉琪, 马双刚, 李勇, 屈晶, 刘云宝, 庾石山 (978)

工业大麻地上部分中 1 个新的二氢芪类化合物

刘志华, 王金兰, 赵英楠, 李军, 时志春, 王丹, 赵明, 张树军 (985)

UPLC-Q-TOF-MS 结合分子量印迹和质量亏损过滤策略快速筛选并鉴定血竭中黄酮类化学成分

赵依佳, 李军, 宋青青, 屠鹏飞 (993)

基于 UPLC-Q-TOF-MS 技术的赤芍单萜类成分研究

何潇, 伍慧敏, 熊乐乐, 金红利, 刘艳芳, 沈爱金, 梁鑫森 (1005)

·药理·

基于 microRNA 芯片发现参与调控绿原酸抑制对乙酰氨基酚肝毒性的 miRNA 及其靶信号分子

张红, 顾鑫楠, 卫梦娟, 季莉莉 (1014)

沉香熏香吸入抗焦虑、抗抑郁作用及其机制研究

弓宝, 王灿红, 吴玉兰, 刘洋洋, 魏建和 (1023)

基于转录组测序技术探讨黄精芡实汤治疗糖尿病前期模型小鼠的机制研究

蔡嘉洛, 朱贻霖, 李晓屏, 夏新华, 邓桂明, 童巧珍, 易刚强, 程博 (1032)

交趾黄檀心材改善大鼠急性心肌缺血的 UPLC-Q-TOF-MS 代谢组学研究

汪文龙, 李安, 陈兰英, 李家荣, 崔亚茹, 张妮, 罗颖颖, 刘荣华, 欧阳灿玥, 袁蓓欣, 张莹, 刘彭浩邦 (1043)

黄精超微粉及水提物对自然围绝经期综合征模型大鼠的作用研究

陈思敏, 苏洁, 金小虎, 郑佳亿, 颜美秋, 俞静静, 吴雯琰, 施梦琳, 陈素红, 吕圭源 (1054)

基于网络药理学及实验验证探究荆芥挥发油治疗抑郁症的作用机制

秦甜甜, 谢红潇, 胡靖文, 曾九僧, 刘蓉, 曾南 (1066)

GC-MS 结合网络药理学及实验验证挖掘猪牙皂挥发油有效组分及其抗脑缺血再灌注的作用机制

董娜娜, 陈晓兰, 邓懿莉, 谢树才, 胡娟 (1076)

基于网络药理学和体外细胞实验探究“三七-骨碎补”药对活性成分治疗骨质疏松症的作用机制

杨雯静, 黄健, 王维, 彭立军, 李晋玉, 朱卫丰 (1087)

·临床·

基于 VOSviewer 和 CiteSpace 中医药领域细胞焦亡的知识图谱分析

高风, 郭丽君, 张宏伟, 王亦菲, 任高灿, 马晓昌 (1098)

水蛭单方制剂治疗缺血性脑血管病的网状 Meta 分析

阎早芳, 孙瑞华, 陈燕芬, 虞康达 (1108)

4 种口服健脾益气类中成药治疗功能性胃肠病的快速卫生技术评估

祖雅琪, 李敬华, 廖星, 于琦, 李国祥, 石文艳, 唐旭东 (1116)

基于Ⅱ期临床试验研究血浆中 ATP、4-HNE、ACTH 水平对黄连解毒丸改善实热火毒证的临床应用价值

罗珂珂, 赵海誉, 司南, 边宝林, 夏文, 陈运琴, 王梦晓, 魏晓露, 李星, 覃广源, 杨健, 周严严, 王宏洁 (1124)

基于相似度匹配算法对真实世界草药处方分类的探索及实例解读

赵国桢, 卢海天, 国世艳, 郭玉红, 叶浩然, 蒋里, 张耀夫, 胡晶, 郭诗琪, 杜元, 刘芳宇, 李博, 刘清泉 (1132)



CONTENTS IN BRIEF

Review of traditional Chinese medicines in ameliorating neuropsychiatric diseases by improving the levels of monoamine neurotransmitters via gut microbiota regulation	
HU Xiao-lu, WU Xia	(853)
Research progress on chemical constituents of <i>Schisandra chinensis</i> and its effect on nonalcoholic fatty liver disease	
MU Xin-lu, LI Bin, ZOU Yu-cen, LIU Jiu-shi, ZHANG Ben-gang, XIAO Pei-gen, LIU Hai-tao	(861)
Regulation of myocardial ischemia reperfusion injury signal pathway by flavonoid monomer	
HU Ya-qi, LIU Jian-he	(879)
Chemical reaction mechanism of decoction of traditional Chinese medicines: a review	
LAI Chang-jiang-sheng, CHEN Ze-yan, QIU Zi-dong, CHEN You-run, WANG Chong-yang, MEI Nan-ju, LIU Jin-rui	(890)
Quality evaluation of <i>Cnidii Fructus</i> in commodity grade based on theory of "quality evaluation through morphological identification"	
HU Hui-fang, XI Shao-yang, CAO Hou-kang, GUO Yan-xiu, WANG Yuan-meng, GE Ling-hui, MA Xiao-hui, ZHAN Zhi-lai, JIN Ling	(900)
Content analysis and quality evaluation of main active components and mineral elements of <i>Cynomorium songaricum</i> in different habitats	
ZHAO Peng-yu, YANG Yue-qin, WANG Fei-fan, PENG Min, LI Ming-cong, PEI Dong, HOU Zhi-yang, ZHOU Yu-bi	(908)
Authenticity discrimination of <i>Pulsatillae Radix</i> based on dry-process REIMS fingerprinting combined with machine learning	
SHI Yan, YAO Ling-wen, WEI Feng, MA Shuang-cheng	(921)
Identification of terpene synthase gene family in <i>Gynostemma pentaphyllum</i> and expression pattern analysis under abiotic stresses	
LING Wei, QIN Yan-hong, HUANG Ding, MING Ru-hong, TAN Yong	(930)
Analysis of WRKY transcription factor family based on full-length transcriptome sequencing in <i>Polygonatum cyrtoneurum</i>	
TIAN Wei-wei, YAN Zhi-xiang, WANG Cheng, YUAN Quan, HUA Hua, LIU Li, YU Dong-meい, WANG Jian-bo, ZHAO Jun-ning	(939)
Effect of lime water processing of <i>Pinelliae Rhizoma Praeparatum</i> on toxic component lectin protein	
TAO Xing-bao, WU Hao	(951)
Application of partial least squares algorithm to explore bioactive components of crude and stir-baked hawthorn for invigorating spleen and promoting digestion	
SUN Fei, WU Xiang-qin, QI Yue, CHEN Xing-yu, CAO Yu-hua, WANG Jian-gang, WANG Shu-mei, LIANG Sheng-wang	(958)
Optimization of ethanol reflux extraction process of <i>Ziziphi Spinosae Semen-Schisandrae Sphenantherae Fructus</i> based on network pharmacology combined with response surface methodology	
HUANG Mian, SONG Yu-meng, WANG Xi-yue, ZHAI Bing-tao, CHENG Jiang-xue, ZHANG Xiao-fei, GUO Dong-yan	(966)
Chemical constituents from leaves of <i>Craibiodendron yunnanense</i>	
WANG Man, WANG Ya-nan, WANG Hai-qiang, YANG Wan-qi, MA Shuang-gang, LI Yong, QU Jing, LIU Yun-bao, YU Shi-shan	(978)

A new dihydrostilbene from aerial part of <i>Cannabis sativa</i>	
LIU Zhi-hua, WANG Jin-lan, ZHAO Ying-nan, LI Jun, SHI Zhi-chun, WANG Dan, ZHAO Ming, ZHANG Shu-jun	(985)
Rapid flavonoid-focused sub-chemome characterization of <i>Draconis Sanguis</i> using UPLC-Q-TOF-MS in combination with molecular weight imprinting and mass defect filtering	
ZHAO Yi-jia, LI Jun, SONG Qing-qing, TU Peng-fei	(993)
Monoterpoids from <i>Paeoniae Radix Rubra</i> based on UPLC-Q-TOF-MS	
HE Xiao, WU Hui-min, XIONG Le-le, JIN Hong-li, LIU Yan-fang, SHEN Ai-jin, LIANG Xin-miao	(1005)
Discovery of miRNA and target signal molecules involved in inhibition of chlorogenic acid on N-acetyl-p-aminophenol-induced hepatotoxicity based on microRNA array	
ZHANG Hong, GU Xin-nan, WEI Meng-juan, JI Li-li	(1014)
Anxiolytic and antidepressant effects of agarwood inhalation and its mechanism	
GONG Bao, WANG Can-hong, WU Yu-lan, LIU Yang-yang, WEI Jian-he	(1023)
Mechanism of Huangjing Qianshi Decoction in treatment of prediabetic mice based on transcriptome sequencing	
CAI Jia-luo, ZHU Yi-lin, LI Xiao-ping, XIA Xin-hua, DENG Gui-ming, TONG Qiao-zhen, YI Gang-qiang, CHENG Bo	(1032)
UPLC-Q-TOF-MS metabolomic study on improvement of acute myocardial ischemia in rats by <i>Dalbergia cochinchinensis</i> heartwood	
WANG Wen-long, LI An, CHEN Lan-ying, LI Jia-rong, CUI Ya-ru, ZHANG Ni, LUO Ying-ying, LIU Rong-hua, OUYANG Can-yue, YUAN Bei-xin, ZHANG Ying, LIU Peng-hao-bang	(1043)
Effect of superfine powder and aqueous extract of <i>Polygonati Rhizoma</i> on rats with natural perimenopausal syndrome	
CHEN Si-min, SU Jie, JIN Xiao-hu, ZHENG Jia-yi, YAN Mei-qi, YU Jing-jing, WU Wen-yan, SHI Meng-lin, CHEN Su-hong, LYU Gui-yuan	(1054)
Mechanism of essential oil from <i>Schizonepeta tenuifolia</i> in treatment of depression based on network pharmacology and experimental verification	
QIN Tian-tian, XIE Hong-xiao, HU Jing-wen, ZENG Jiu-seng, LIU Rong, ZENG Nan	(1066)
Effective constituents of essential oil from <i>Gleditsiae Fructus Abnormalis</i> and anti-cerebral ischemia/reperfusion injury mechanism: based on GC-MS, network pharmacology, and experimental verification	
DONG Na-na, CHEN Xiao-lan, DENG Bi-li, XIE Shu-cai, HU Juan	(1076)
Mechanism of active components of "Notoginseng Radix et Rhizoma-Drynariae Rhizoma" in treatment of osteoporosis based on network pharmacology and <i>in vitro</i> cell experiment	
YANG Wen-jing, HUANG Jian, WANG Wei, PENG Li-jun, LI Jin-yu, ZHU Wei-feng	(1087)
Knowledge graph analysis of pyroptosis research in traditional Chinese medicine based on VOSviewer and CiteSpace	
GAO Feng, GUO Li-jun, ZHANG Hong-wei, WANG Yi-fei, REN Gao-can, MA Xiao-chang	(1098)
Network Meta-analysis of single <i>Hirudo</i> prescriptions in treatment of ischemic cerebrovascular disease	
YAN Zao-fang, SUN Rui-hua, CHEN Yan-fen, YU Kang-da	(1108)
Rapid health technology assessment of four oral Chinese patent medicines in treatment of functional gastrointestinal disorders	
ZU Ya-qi, LI Jing-hua, LIAO Xing, YU Qi, LI Guo-xiang, SHI Wen-yan, TANG Xu-dong	(1116)
Clinical application value of Huanglian Jiedu Pills in improving syndrome of excess heat and fire toxin based on phase II clinical trial study on plasma ATP, 4-HNE, and ACTH levels	
LUO Ke-ke, ZHAO Hai-yu, SI Nan, BIAN Bao-lin, XIA Wen, CHEN Yun-qin, WANG Meng-xiao, WEI Xiao-lu, LI Xing, QIN Guang-yuan, YANG Jian, ZHOU Yan-yan, WANG Hong-jie	(1124)
Exploration and example interpretation of real-world herbal prescription classification based on similarity matching algorithm	
ZHAO Guo-zhen, LU Hai-tian, YAN Shi-yan, GUO Yu-hong, YE Hao-ran, JIANG Li, ZHANG Yao-fu, HU Jing, GUO Shi-qi, DU Yuan, LIU Fang-yu, LI Bo, LIU Qing-quan	(1132)