

特别关注:

QK1806784

ISSN 1001-5302
CN 11-2272/R

循证中医药学：理论与实践

循证医学与中医药学特点相结合，形成了循证中医药学（EBCM）。EBCM是借鉴循证医学的理论和方法，收集、评价、生产、转化中医药有效性、安全性和经济性证据，揭示中医药临床作用特点和规律，并指导临床指南、路径和卫生决策制定的一门应用学科。EBCM发展主要包括4个方面9项任务，将推动中医药临床研究和决策模式的转变，推动中医药现代化和国际化发展。

China Journal of
Chinese Materia Medica

第43卷 第1期
Vol. 43 No. 1

2018/1

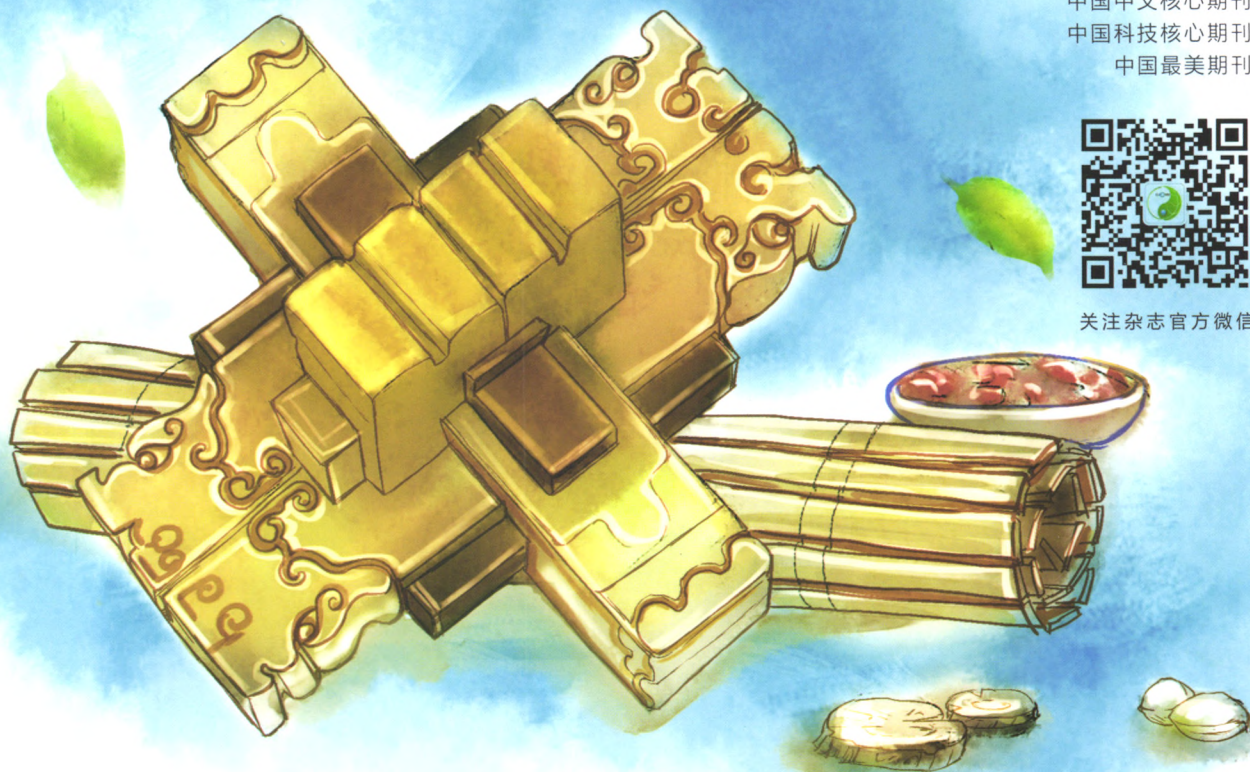
中国中药杂志



中国中文核心期刊
中国科技核心期刊
中国最美期刊



关注杂志官方微信



中国药学会
CHINESE PHARMACEUTICAL ASSOCIATION



目次

· 专论 ·

循证中医学:理论与实践

张俊华,李幼平,张伯礼 (1)

· 综述 ·

线粒体障碍在糖尿病性心肌病中的作用及中医药研究进展

田静,吕嵘,郭炜 (8)

胶类药材真伪鉴别与质量评价技术研究进展

李辉虎,任刚,陈利民,钟国跃 (15)

补肾中药对骨质疏松症的治疗及其信号通路调节作用的研究进展

肖亚平,曾杰,焦琳娜,徐晓玉 (21)

益生菌代谢中药有效成分的研究进展

戴承恩,李海龙,何小平,郑芬芬,竺画柳,刘良丰,杜伟 (31)

环烯醚萜苷类化合物体内代谢及代谢物药理活性研究进展

薛长松,徐晶,李萃萍,王宇,刘美辰,夏广清 (39)

基于“单味药-药对-复方”多层次的四逆散抗抑郁作用研究进展

周佳,蔡皓,段煜,裴科,范恺磊,徐洋洋,赵佳好,刘静 (46)

· 资源与鉴定 ·

淹水胁迫对抗菊 F3'H 基因表达及其下游产物含量的影响

邹庆军,汪涛,郭巧生,肖有梅,武立伟 (52)

一种提高枸杞病虫害防治效果的薄膜型叶面水分蒸发抑制剂性能研究

王丹丹,律喆,徐常青,刘赛,陈君,彭啸,吴燕 (58)

· 分子生物学 ·

西洋参不同组织部位中皂苷生物合成相关基因的表达研究

王康宇,刘伟灿,张美萍,赵明珠,王艳芳,李俐,孙春玉,胡可心,丛悦怡,王义 (65)

氮素形态对颠茄生物碱积累及相关基因表达的影响

韦悦,张翠平,郭双,卢克欢,刘兴,杨怡,廖志华,吴能表 (72)

· 制剂与炮制 ·

穿心莲内酯-甘草酸纳米胶束的制备工艺研究

李映,王莉芳,王金铃,屠鹏飞 (79)

酶解桑白皮药渣产糖能力探究及优化

苏新亮,姜春丽,许亚春,孙梦楚,黄辰昊,薛建平,王彩霞 (86)

瓜蒌与瓜蒌条抗大鼠心肌缺血-再灌注损伤的谱效关系研究

邹纯才,宗倩妮,鄢海燕 (92)

· 化学 ·

蜘蛛香乙酸乙酯部位化学成分的研究

林生, 付芃, 沈云亨, 叶霖, 张中晓, 杨献文, 李慧梁, 柳润辉, 徐希科, 张卫东	(100)
紫堇中的苯丙酰胺类成分	
彭治添, 晁凌会, 霍会霞, 陈孝男, 姚会娜, 张媛, 赵云芳, 屠鹏飞, 郑姣, 李军	(109)
辣木叶正丁醇部位化学成分研究	
李锋华, 王洪庆, 苏现明, 李常康, 李保明, 陈若芸, 康洁	(114)
射干、鸢尾不同部位 6 种活性成分定量分析及抗炎作用初探	
卞姪, 刘孟生, 张丽媛, 李国川, 冯建明, 梁夏, 郑玉光, 王靓	(119)
基于 HPLC-DAD-ESI-IT-TOF-MS ⁿ 技术的小叶莲化学成分分析	
王蔼华, 马立满, 范珊珊, 刘广学, 徐凤, 尚明英, 蔡少青	(123)
核磁共振氢谱内标法测定常山碱的绝对含量	
张继远, 樊小瑞, 刘晓谦, 于晓维, 杨立新, 郭志廷, 冯伟红, 王智民, 李春	(134)
· 药理 ·	
低剂量雷公藤甲素抑制 Wnt3 α / β -catenin 信号通路活性改善高剂量 D-葡萄糖诱导的足细胞转分化	
石格, 吴薇, 万毅刚, 何伟明, 涂玥, 韩文贝, 刘不悔, 刘莹露, 万子玥	(139)
铁皮石斛花对高糖高脂饮酒致高血压大鼠的降压作用及机制研究	
梁凯伦, 方萍, 施秋秋, 苏洁, 李波, 陈素红, 吕圭源	(147)
清开灵注射液类过敏反应特点及致敏物质初步筛选研究	
易艳, 李春英, 赵雍, 张宇实, 潘辰, 王连喆, 刘素彦, 杨维, 李川, 韩佳寅, 田婧卓, 梁爱华	(154)
苦豆子中生物碱成分的网络药理学研究	
尚博扬, 杨萍, 陈丽, 高晓娟, 雍婧姣, 张霞, 赵建军, 王汉卿	(160)
槐耳联合 DC-CIK 对荷结肠癌 HT29 干细胞瘤裸鼠的体内杀伤实验研究	
孙雯雯, 窦金霞, 张琳, 乔丽葵, 沈娜, 高文远	(168)
· 药代动力学 ·	
丹参酮 I 和丹参酮 II _A 在大鼠体内的代谢物研究	
赵文靖, 黄漠然, 尚展鹏, 王子健, 王志斌, 张加余	(174)
· 临床 ·	
基于中医传承辅助平台分析姜良铎教授治疗积聚的用药规律	
廉晓晓, 郭晓霞	(183)
· 药事管理 ·	
我国茯苓国际贸易研究与问题探析	
池秀莲, 杨光, 马帅, 程蒙, 阙灵	(191)
· 学术探讨 ·	
基于“整体观”的中药制剂质量过程控制体系探讨	
王雅琪, 焦姣姣, 伍振峰, 郑琴, 杨明	(197)
· 信息 ·	
关于订阅 2018 年《中国中药杂志》的重要通知	
《中国中药杂志》投稿须知	(108)
(204)	

本期责任编辑: 马超一



CONTENTS IN BRIEF

Evidence-based Chinese medicine: theory and practice

ZHANG Jun-hua, LI You-ping, ZHANG Bo-li (1)

Effect of mitochondrial dysfunction in diabetic cardiomyopathy and intervention of traditional Chinese medicine

TIAN Jing, LV Rong, GUO Wei (8)

Research progress on identification and quality evaluation of ginseng medicines

LI Hui-hu, REN Gang, CHEN Li-min, ZHONG Guo-yue (15)

Review for treatment effect and signaling pathway regulation of kidney-tonifying traditional Chinese medicine on osteoporosis

XIAO Ya-ping, ZENG Jie, JIAO Lin-na, XU Xiao-yu (21)

Research advance in metabolism of effective ingredients from traditional Chinese medicines by probiotics

DAI Cheng-en, LI Hai-long, HE Xiao-ping, ZHENG Fen-fen, ZHU Hua-liu, LIU Liang-feng, DU Wei (31)

Research progress on metabolism and pharmacological activities of several iridoid glycosides

XUE Chang-song, XU Jing, LI Cui-ping, WANG Yu, LIU Mei-chen, XIA Guang-qing (39)

Research progress on antidepressant effects of Sini San based on three progressive levels of "single herb, herb-pair, and complicated Chinese herbal formula"

ZHOU Jia, CAI Hao, DUAN Yu, PEI Ke, FAN Kai-lei, XU Yang-yang, ZHAO Jia-yu, LIU Jing (46)

Cloning and expression analysis of F3'H and quantification of downstream products in *Chrysanthemum morifolium* under flooding stress

ZOU Qing-jun, WANG Tao, GUO Qiao-sheng, XIAO You-mei, WU Li-wei (52)

Study on membrane type leaf water evaporation inhibitors for improving effect of preventing diseases and pest controlling of *Lycium barbarum*

WANG Dan-dan, LV Zhe, XU Chang-qing, LIU Sai, CHEN Jun, PENG Xiao, WU Yan (58)

Expression of saponin biosynthesis related genes in different tissues of *Panax quinquefolius*

WANG Kang-yu, LIU Wei-can, ZHANG Mei-ping, ZHAO Ming-zhu, WANG Yan-fang, LI Li, SUN Chun-yu, HU Ke-xin, CONG Yue-yi, WANG Yi (65)

Effects of nitrogen form on accumulation of alkaloids and expression of relative genes in *Atropa belladonna*

WEI Yue, ZHANG Cui-ping, GUO Shuang, LU Ke-huan, LIU Xing, YANG Yi, LIAO Zhi-hua, WU Neng-biao (72)

Research on preparation process of andrographolide-glycyrrhizic acid polymeric micelles

LI Ying, WANG Li-fang, WANG Jin-ling, TU Peng-fei (79)

Investigation and optimization on ability of enzymatic hydrolysis of Mori Cortex residue

SU Xin-yao, JIANG Chun-li, XU Ya-chun, SUN Meng-chu, HUANG Chen-hao, XUE Jian-ping, WANG Cai-xia (86)

Spectrum-activity relationship of *Trichosanthis fructus* and *Trichosanthis fructus* strip pieces for rat myocardial ischemia-reperfusion injury

ZOU Chun-cai, ZONG Qian-ni, YAN Hai-yan (92)

Chemical constituents from ethyl acetate-soluble extraction of *Valeriana jatamansi*

LIN Sheng, FU Peng, SHEN Yun-heng, YE Ji, ZHANG Zhong-xiao, YANG Xian-wen, LI Hui-liang, LIU Run-hui, XU Xi-ke, ZHANG Wei-dong (100)

Phenylpropanoid amides from whole plants of *Corydalis edulis*

PENG Zhi-tian, CHAO Ling-hui, HUO Hui-xia, CHEN Xiao-nan, YAO Hui-na, ZHANG Yuan, ZHAO Yun-fang, TU Peng-fei, ZHENG Jiao, LI Jun (109)

Constituents isolated from n-butanol extract of leaves of *Moringa oleifera*

LI Feng-hua, WANG Hong-qing, SU Xian-ming, LI Chang-kang, LI Bao-ming, CHEN Ruo-yun, KANG Jie (114)

Determination of six active ingredients in different parts of *Belamcanda chinensis* and *Iris tectorum* and their anti-inflammatory activity

BIAN Ya, LIU Meng-sheng, ZHANG Li-yuan, LI Guo-chuan, FENG Jian-ming, LIANG Xia, ZHENG Yu-guang, WANG Jing ... (119)

Identification of chemical constituents in *Sinopodophylli Fructus* by HPLC-DAD-ESI-IT-TOF-MS"

WANG Ai-hua, MA Li-man, FAN Shan-shan, LIU Guang-xue, XU Feng, SHANG Ming-ying, CAI Shao-qing (123)

Quantitative determination of febrifugine by proton nuclear magnetic resonance spectroscopy with internal standard method

ZHANG Ji-yuan, FAN Xiao-rui, LIU Xiao-qian, YU Xiao-wei, YANG Li-xin, GUO Zhi-ting, FENG Wei-hong, WANG Zhi-min, LI Chun (134)

Low dose of triptolide ameliorates podocyte epithelial-mesenchymal transition induced by high dose of D-glucose via inhibiting Wnt3 α / β -catenin signaling pathway activation

SHI Ge, WU Wei, WAN Yi-gang, HE Wei-ming, TU Yue, HAN Wen-bei, LIU Bu-hui, LIU Ying-lu, WAN Zi-yue (139)

Antihypertensive effect and mechanism of *Dendrobium officinale* flos on high-blood pressure rats induced by high glucose and high fat compound alcohol

LIANG Kai-lun, FANG Ping, SHI Qiu-qiu, SU Jie, LI Bo, CHEN Su-hong, LV Gui-yuan (147)

Pseudoallergic reaction characteristics of Qingkailing injection and preliminary screening of allergic substances

YI Yan, LI Chun-ying, ZHAO Yong, ZHANG Yu-shi, PAN Chen, WANG Lian-mei, LIU Su-yan, YANG Wei, LI Chuan, HAN Jia-yin, TIAN Jing-zhuo, LIANG Ai-hua (154)

Research on network pharmacology of alkaloids in *Sophora alopecuroides*

SHANG Bo-yang, YANG Ping, CHEN Li, GAO Xiao-juan, YONG Jing-jiao, ZHANG Xia, ZHAO Jian-jun, WANG Han-qing ... (160)

Killing effect of Huaier combined with DC-CIK on nude mice bearing colon cancer HT29 stem cells *in vivo*

SUN Wen-wen, DOU Jin-xia, ZHANG Lin, QIAO Li-kui, SHEN Na, GAO Wen-yuan (168)

Metabolites of tanshinone I and tanshinone II_A *in vivo* in rats

ZHAO Wen-jing, HUANG Mo-ran, SHANG Zhan-peng, WANG Zi-jian, WANG Zhi-bin, ZHANG Jia-yu (174)

Analyze prescription rules of Professor Jiang Liangduo treatment for abdominal mass based on traditional Chinese medicine inheritance platform

LIAN Xiao-xiao, GUO Xiao-xia (183)

Analysis of characteristics and problems of international trade of *Poria cocos* in China

CHI Xiu-lian, YANG Guang, MA Shuai, CHENG Meng, QUE Ling (191)

Quality process control system of Chinese medicine preparation based on "holistic view"

WANG Ya-qi, JIAO Jiao-jiao, WU Zhen-feng, ZHENG Qin, YANG Ming (197)

中国 中药 杂志

CHINA JOURNAL OF CHINESE MATERIA MEDICA

主 编 张伯礼
主 管 中国科学技术协会
主 办 中国药学会
编辑出版 中国中药杂志编辑部
地 址 北京市东直门内南小街16号
邮 编 100700
电 话 (010) 64087589
网 址 <http://www.cjcmm.com.cn>
邮 箱 cjcmm2006@188.com
图文制作 同方知网(北京)技术有限公司
封面设计 北京午未创意文化传媒有限公司
印 刷 山西同方知网印刷有限公司
国内外发行 同方知网(北京)技术有限公司
订 阅 同方知网(北京)技术有限公司
出版日期 2018年1月1日
标准刊号 ISSN 1001-5302 CN 11-2272/R
国内定价 每期50元, 全年1200元

Editor-in-Chief

ZHANG Bo-li

Responsible Institution

China Association for Science and Technology

Sponsored by

Chinese Pharmaceutical Association

Address: 16 Nanxiaojie, Inner Dongzhimen Beijing 100700, China

Tel: (010) 64087589

E-mail: cjcmm2006@188.com

http: [//www.cjcmm.com.cn](http://www.cjcmm.com.cn)

Graphics produced by

Tongfang Knowledge Network Technology Co., Ltd (Beijing)

Printed by

Shanxi Tongfang Knowledge Network Printing Co., Ltd.

Overseas Distributor

Tongfang Knowledge Network Technology Co., Ltd. (Beijing)

Publication Date

January 1, 2018

ISSN 1001-5302 CN 11-2272/R

ISSN 1001-5302



国内定价: 50.00元