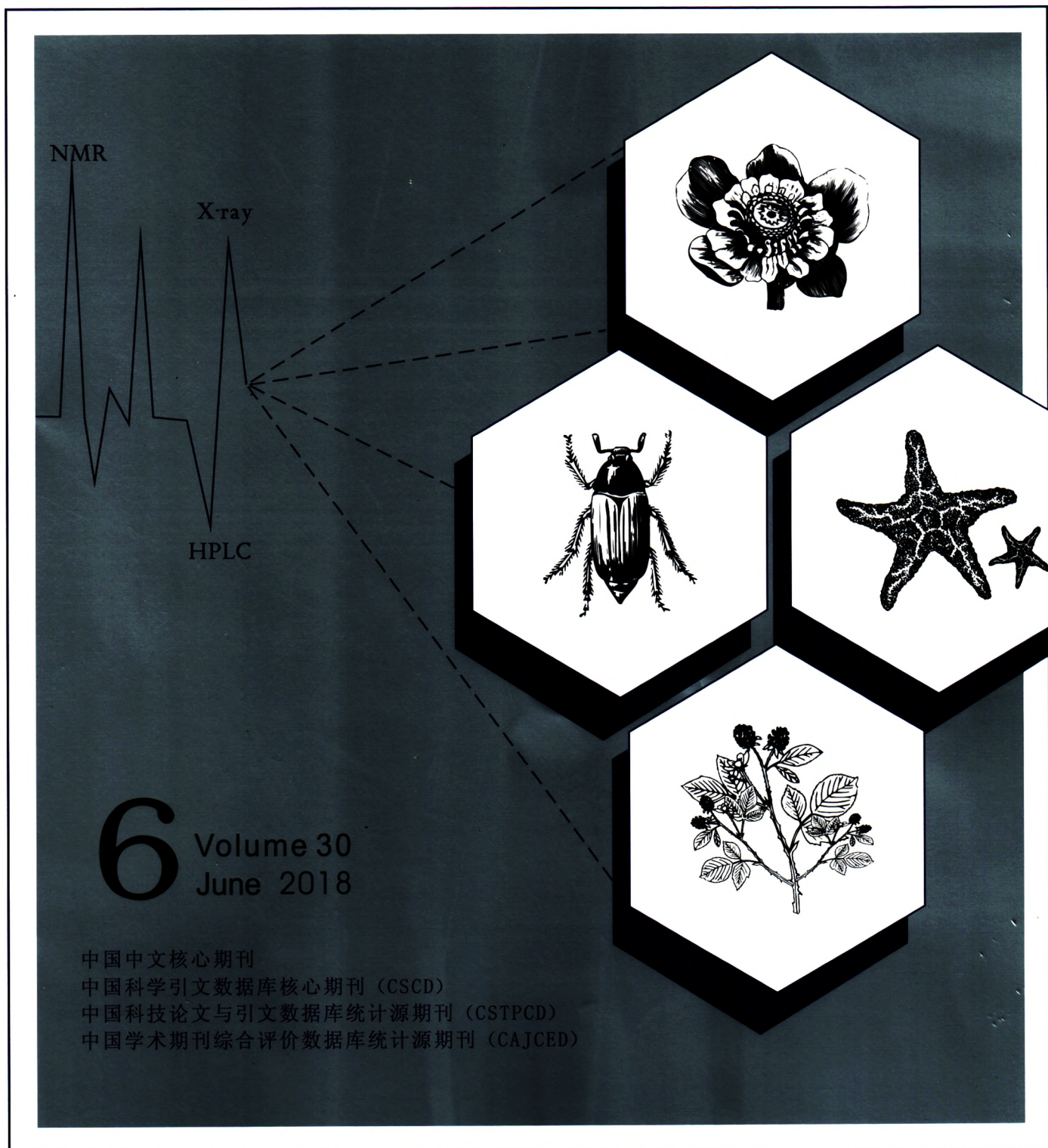




天然产物研究与开发

Natural Product Research and Development



6 Volume 30
June 2018

中国中文核心期刊
 中国科学引文数据库核心期刊 (CSCD)
 中国科技论文与引文数据库统计源期刊 (CSTPCD)
 中国学术期刊综合评价数据库统计源期刊 (CAJCED)

天然产物研究与开发(月刊)

(Tianran Chanwu Yanjiu yu Kaifa)

第30卷 第6期 2018年6月

目次

研究论文

- 白芨活性成分的抗氧化和对 α -淀粉酶的抑制作用..... 胡长玉,吴永祥,吴丽萍,等(915)
- 米胚多糖的组成及抗氧化性研究..... 罗敏,陈德经,季晓晖(923)
- 八宝景天乙酸乙酯提取物的抗菌活性和化学成分的研究..... 尹秀梅,王思宏,李东浩(930)
- 指纹图谱结合多指标成分定量测定探讨川银花-玄参的不同配液方式的相关性研究..... 杨秀青,谷江华,宋英,等(936)
- 金边桑叶多酚提取物抗氧化及肝保护作用研究..... 吴冀坦,叶子坚,刘华欣,等(944)
- 自噬在熊果酸诱导前列腺癌PC3细胞凋亡中的作用机制研究..... 贺安东,王允(951)
- COX-2特异性抑制剂罗非昔布对阿尔茨海默病A β 沉积的影响..... 王玥,于嵩,王旭(958)

研究简报

- 山楂中一个具有抗菌活性的黄酮类新化合物..... 李晶,李涛,杨叶昆,等(964)
- 霍山石斛内生真菌的分离及其活性菌株的鉴定..... 闵长莉,闵运江,徐慧欣,等(968)
- 赤水丹霞土壤链霉菌CSDX 001来源的新苯邻二甲酰亚胺的分离及结构鉴定..... 钱声艳,吴明松,刘建国,等(974)
- 南瓜籽抗前列腺增生化学成分研究..... 李千会,徐德平(978)
- 铁皮石斛品质分析与评价指标的确定..... 张静芳,何淑敏,陈清西,等(983)
- 山楂核干馏油中GC-MS主要成分分析及含量测定..... 温娜,刘妍如,唐志书,等(990)
- UPLC法测定川芎生长过程中6种主要成分的含量变化..... 陈维,吴燕,李彬,等(997)
- 超声辅助提取野生与人工栽培黑果枸杞花色苷含量研究..... 宋亮,李建颖,王佳(1002)
- 茉莉花茎糖类化合物抗氧化活性及其构效关系和作用机理研究..... 吕龙祥,黄锁义,莫斯锐,等(1009)

开发研究

- 微波辅助提取石榴皮多糖工艺优化及其免疫调节作用研究..... 李云,朱彩平,张扬,等(1015)
- 二次旋转正交优化提取板栗壳中多酚类物质的工艺及其抗氧化性研究..... 宋照风,朱峰,赵海全(1021)
- 黄金分割法结合动态设计优选盐黄柏提取工艺..... 程中琴,施崇精,盛蓉,等(1030)
- 龙脑樟去油枝叶中总多酚的酶解-超声辅助提取及抗氧化活性..... 张峰,毕良武,赵振东,等(1037)
- 酶法改性提取黑豆皮可溶性膳食纤维及性质的研究..... 沈蒙,康子悦,曹龙奎,等(1046)
- 黄芩素-7-甲醚对高原缺氧小鼠脑组织保护作用研究..... 景临林,武柠子,马慧萍,等(1054)
- 辣椒素预防大鼠胃缺血再灌注损伤的作用及机制研究..... 阳凤,王瑶,彭燕,等(1061)
- GPR35受体香豆素类激动剂三维定量构效关系研究..... 任聪,史丽颖,曹洪玉,等(1066)
- 雪松松针中莽草酸的纯化方法研究..... 杜瑞琴,刘东彦,石晓峰,等(1073)
- 阳离子型芋头淀粉絮凝剂对印染废水中直接紫N和分散艳蓝E-4R的吸附性能研究..... 周捷,李东芳,邱业先,等(1078)

综述

- 甜叶菊化学成分及药理活性研究进展..... 刘琼,潘芸芸,吴卫(1085)
- 细梗香草中化学成分及其抗肿瘤活性研究进展..... 洪挺,钱媛,杨毅生(1092)

NATURAL PRODUCT RESEARCH AND DEVELOPMENT(*Monthly*)

Volume 30 Number 6 June 2018

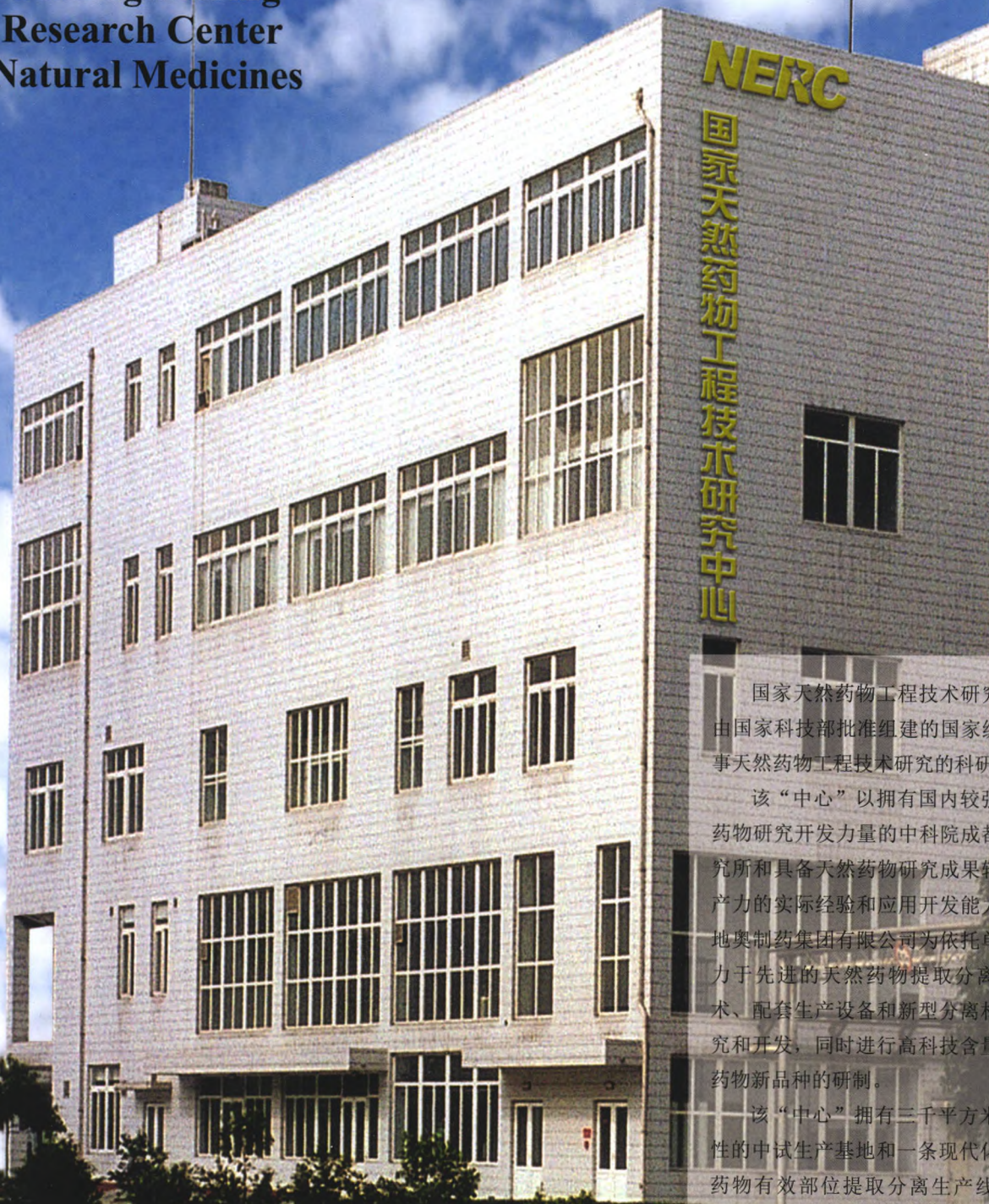
CONTENTS

1. Antioxidant and α -amylase inhibitory effects of bioactive components of *Bletilla striata* HU Chang-yu, WU Yong-xiang, WU Li-ping, *et al* (915)
2. The composition and antioxidant activity of rice germ polysaccharide LUO Min, CHEN De-jing, JI Xiao-hui (923)
3. Antibacterial activity and chemical composition of *Hylotelephium erythrostictum* ethyl acetate extracts YIN Xiu-mei, WANG Si-hong, LI Dong-hao (930)
4. Correlation analysis of decoction methods of *Lonicerae similis* flos and *Scrophularia ningpoensis* based on HPLC fingerprint and multi-components determination YANG Xiu-qing, GU Jiang-hua, SONG Ying, *et al* (936)
5. Antioxidant and hepatoprotective effects of polyphenols in *Acalypha wilkesiana* leaves WU Hong-tan, YE Zi-jian, LIU Hua-xin, *et al* (944)
6. The mechanism of autophagy in ursolic acid inducing prostatic cancer PC3 cells apoptosis HE An-dong, WANG Yun (951)
7. The effects of COX-2 specific inhibitor rofecoxib on the deposition of A beta in Alzheimer's disease WANG Yue, YU Song, WANG Xu (958)
8. A new flavone from *Crataegus pinnatifida* and its antibacterial activity LI Jing, LI Tao, YANG Ye-kun, *et al* (964)
9. Isolation and identification of an endophytic fungus from *Dendrobium huoshanense* MIN Chang-li, MIN Yun-jiang, XU Hui-xin, *et al* (968)
10. A new phthalimide derivative of isolation and structural identification from *Streptomyces* sp. CSDX 001 in chishuidanxia mountain QIAN Sheng-yan, WU Ming-song, LIU Jian-guo, *et al* (974)
11. Chemical constituents of pumpkin seeds against benign prostatic hyperplasia LI Qian-hui, XU De-ping (978)
12. Quality analysis and evaluation indexes determination of *Dendrobium officinale* ZHANG Jing-fang, HE Shu-min, CHEN Qing-xi, *et al* (983)
13. Identification and simultaneous determination of aldehydes and phenols in the hawthorn seeds dry distilled oil WEN Na, Liu YAN-ru, TANG Zhi-shu, *et al* (990)
14. Contents determination for 6 main compounds from *Ligusticum chuanxiong* during growing period by UPLC CHEN Chu, WU Yan, LI Bin, *et al* (997)
15. Anthocyanins of wild and cultivated *Lycium ruthenicum* murr. by ultrasonic-assisted extraction process SONG Liang, LI Jian-yin, WANG Jia (1002)
16. Antioxidant activity, structure-activity relationship and action mechanism of sugar compounds in *Jasmine* stem LV Long-xiang, HUANG Suo-yi, MO Si-rui, *et al* (1009)
17. Microwave assisted extraction and immunomodulatory effects of pomegranate peel polysaccharide LI Yun, ZHU Cai-ping, ZHANG Yang, *et al* (1015)
18. Optimization of extraction of shell polyphenols by quadratic rotation orthogonal and antioxidant activity from the chestnut SONG Zhao-feng, ZHU Feng, ZHAO Hai-quan (1021)
19. Application of golden section method with dynamic optimization in extraction process optimization of salt cortex phellodendri CHENG Zhong-qin, SHI Chong-jing, SHENG Rong, *et al* (1030)
20. Enzymolysis-ultrasonic-assisted extraction and antioxidant activity of total polyphenols from degreasing *Cinnamomum caraphora* leaves ZHANG Feng, BI Liang-wu, ZHAO Zhen-dong, *et al* (1037)
21. Research of enzymatic modification on the extraction and properties of soluble dietary fiber from black bean hulls SHEN Meng, KANG Zi-yue, CAO Long-kui, *et al* (1046)
22. Protective effects of negletein against hypobaric hypoxia-induced brain damage in mice JING Lin-lin, WU Ning-zi, MA Hui-ping, *et al* (1054)
23. The effect and mechanism of capsaicin prevented acute gastric mucosal injury by gastric ischemia-reperfusion YANG Feng, WANG Yao, PENG Yan, *et al* (1061)
24. Three-dimensional quantitative structure-activity relationship studies on coumarins as agonists of G protein-coupled receptor 35 REN Cong, SHI Li-ying, CAO Hong-yu, *et al* (1066)
25. Purification method of shikimic acid from pine leaves of *Cedrus deodara* DU Rui-qin, LIU Dong-yan, SHI Xiao-feng, *et al* (1073)
26. Adsorption of cationic taro starch for removal of C. I. direct violet 1 and C. I. disperse blue 56 in wastewater ZHOU Jie, LI Dong-fang, QIU Ye-xian, *et al* (1078)
27. Review on chemical compositions and pharmacological activities of *Stevia rebaudiana* (bertoni) hemsl. LIU Qiong, PAN Yun-yun, WU Wei (1085)
28. Review on chemical compositions and antitumor activities of *Lysimachia capillipes* hemsl. HONG Ting, QIAN Yuan, YANG Yi-sheng (1092)

国家天然药物工程技术研究中心

NERC

National Engineering
And Research Center
For Natural Medicines



国家天然药物工程技术研究中心是由国家科技部批准组建的国家级专业从事天然药物工程技术研究的科研实体。

该“中心”以拥有国内较强的天然药物研究开发力量的中科院成都生物研究所和具备天然药物研究成果转化为生产力的实际经验和应用开发能力的成都地奥制药集团有限公司为依托单位，致力于先进的天然药物提取分离工程技术、配套生产设备和新型分离材料的研究和开发，同时进行高科技含量的天然药物新品种的研制。

该“中心”拥有三千平方米的示范性的中试生产基地和一条现代化的天然药物有效部位提取分离生产线。“中心”愿与国内外科研机构、制药企业和制药设备生产厂家进行广泛的技术合作，共同创新，共同发展。

ISSN 1001-6880



万方数据

通讯地址：四川省成都市高新区高新大道创业路26号 邮编：610041

电话：(028)82900610 82900625 传真：(028)82900615

电子信箱：dapharma@mail.sc.cninfo.net 联系人：及元乔 姜远平