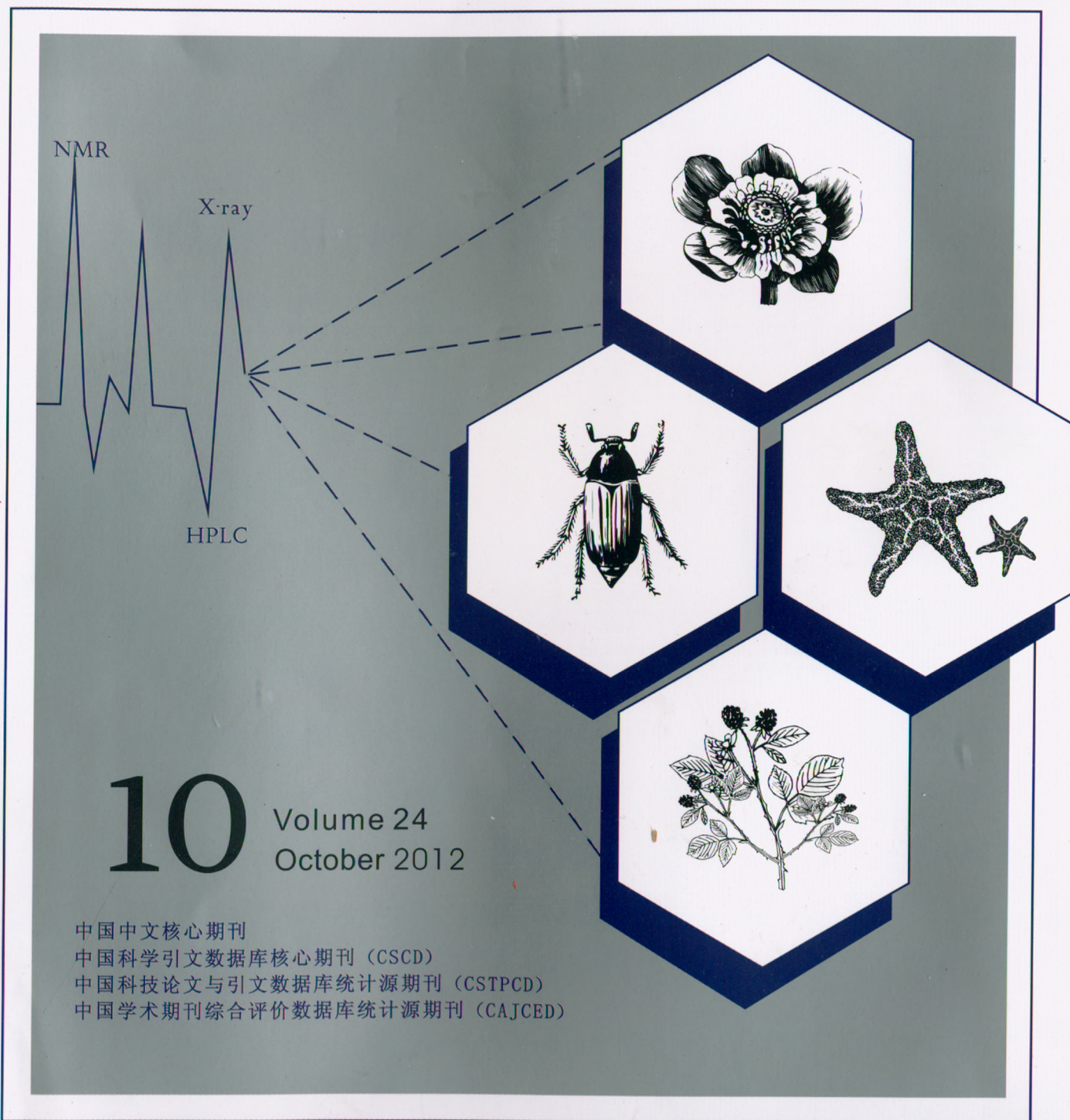


天然产物研究与开发

Natural Product Research and Development



10

Volume 24
October 2012

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24卷 第10期 2012年10月

目 次

研究论文

- 不等弯孢菌 HS-FG-257 中一个新的苯甲酸类化合物(英文) 庞艳伟,王继栋,向文胜,等(1331)
- 蜡梅枝叶化学成分及其抗病毒活性 史琳婧,杨世仙,毕峻龙,等(1335)
- 滇牡丹内生真菌 PR20 的鉴定及次生代谢产物的研究 苗翠苹,胡 娟,翟英哲,等(1339)
- 青藏高原红景天属植物药材中五种有效成分 HPLC 分析(英文) 迟晓峰,矫晓丽,董 琦,等(1343)
- 小叶锦鸡儿花提取物和不同极性黄酮组分的抗氧化活性(英文) 牛 宇,张丽珍,牛 伟,等(1348)
- 山楂酸减少 L02 细胞脂质累积作用的研究(英文) 柳 军,王 雪,尚 靖,等(1355)
- 甘薯提取物对 $A\beta_{25-35}$ 所致 SK-N-SH 细胞损伤的保护作用初探 孙丽华,郑晓亮,鲁健章,等(1359)
- 几种天然产物对痛风性关节炎的影响初探 史 珅,贺 伟,胥红梅,等(1362)
- 黄芩总黄酮及黄芩苷对大鼠成骨细胞及破骨细胞活性的研究 严启新,赵文娟,殷 明,等(1367)

研究简报

- 相思子化学成分研究 李良波,温秀萍,何 翊,等(1371)
- 瑞香狼毒化学成分研究 杨彩霞,魏 斌,王芳平,等(1374)
- 银杏落叶化学成分的研究 姚 鑫,周桂生,唐于平,等(1377)
- 狭叶梔子茎化学成分研究 郑丽花,李小宝,宋鑫明,等(1382)
- 钟花报春花的化学成分研究(II) 彭 腾,邱建平,邓 贇,等(1385)
- 火炭母化学成分的研究 任恒春,万定荣,谷 婧,等(1387)
- 白花牛角瓜根部的化学成分研究 李琬聪,晏永明,钟惠民(1390)
- 西洋参茎叶化学成分及生物利用度的研究 邱楠楠,刘金平,艾 民,等(1393)
- 黄芩苷(III)、钆(III)配合物的合成及生物活性研究 张齐雄,施伦勇,刘衍季(1398)
- HS-SPME-GC-MS 分析蒟酱叶挥发性成分 尹震花,王 微,顾海鹏,等(1402)
- 新疆大花红景天化学成分的 HPLC-MS 研究 霍佳丽,王建华,吴志军,等(1405)
- 狭苞囊吾中几种倍半萜类化合物的活性筛选 柴 智,樊慧杰,王永辉,等(1408)
- 双水相萃取丽江山慈姑中的秋水仙碱 石 瑶,杨亚玲,李晚谊,等(1412)
- 不同苹果产地长富2号多酚及糖类物质含量差异分析 田兰兰,郭玉蓉,牛鹏飞,等(1417)

开发研究

- 脐橙果皮挥发油成分分析及在卷烟中的加香应用 魏鹏程,赵铭钦,刘鹏飞(1424)
- 井冈山山区63种植物不同溶剂萃取物乙酰胆碱酯酶抑制活性的初步研究 殷帅文,刘丽萍,王安萍,等(1429)
- 人肠道菌对黄芩苷的生物转化 刘伶文,司 磊,任树勇,等(1437)
- 神秘果种子蛋白质的提取与降糖效用研究 黄巨波,刘 红,卢圣楼,等(1441)
- HPLC 法测定香菇中有机酸含量的检测技术研究 何旭孔,邢增涛,饶钦雄,等(1444)
- 膜技术纯化菊花总黄酮的工艺研究 易克传,曾其良,李 慧(1449)
- 超声辅助提取凤丹籽总黄酮的工艺研究 吴 悠,李梅青,孙 强,等(1454)
- 响应面法优化桦褐孔菌总酚的超声提取工艺 李 峰,尚 磊,俞力超,等(1458)
- 响应面法优化胡芦巴种子多糖提取工艺 何彦峰,杨仁明,胡 娜,等(1463)
- 双酶法制备螺旋藻多肽的工艺研究 孙宜君,常 蓉,张 娇,等(1468)

综 述

- 紫金牛属植物中皂苷的研究进展 海文利,汤海峰,马 宁,等(1474)
- 附子化学成分含量测定方法研究进展 雷崎方,斯建勇(1480)
- 生物大分子的硫酸化修饰及其生物活性的研究进展 成伟华,付国平,赵改红,等(1486)
- 南极磷虾生物活性物质的研究进展 刘志东,曲映红,王 媛,等(1491)

NATURAL PRODUCT RESEARCH AND DEVELOPMENT (Monthly)

Volume 24 Number 10 October 2012

CONTENTS

1. A new benzoic acid derivative from a soil fungus *Curvularia inaequalis* strain HS-FG-257 PANG Yan-wei, WANG Ji-dong, XIANG Wen-sheng, *et al* (1331)
2. Chemical constituents from the branches and leaves of *Chimonanthus praecox* with antiviral activity investigations SHI Lin-jing, YANG Shi-xian, BI Jun-long, *et al* (1335)
3. Identification and secondary metabolites of endophytic fungus PR20 from *Paeonia delavayi* MIAO Cui-ping, HU Juan, ZHAI Ying-zhe, *et al* (1339)
4. Determination of five bioactive compounds in medicinal plants belonging to *Rhodiola* L. genus in Qinghai-Tibetan Plateau by HPLC CHI Xiao-feng, JIAO Xiao-li, DONG Qi, *et al* (1343)
5. Antioxidative activity of extract and flavonoid fractions with different polarity from *Caragana microphylla* Lam. flowers NIU Yu, ZHANG Li-zhen, NIU Wei, *et al* (1348)
6. Effect of maslinic acid on attenuating lipid accumulation in L02 cell LIU Jun, WANG Xue, SHANG Jing, *et al* (1355)
7. Pilot study of protection of sweet potato extract to SK-N-SH cell injure caused by A β 25-35 SUN Li-hua, ZHENG Xiao-liang, LU Jian-zhang, *et al* (1359)
8. Effects of several natural extracts on Gouty arthritis in rats SHI Shen, HE Wei, XU Hong-mei, *et al* (1362)
9. Effects of total flavonoids of *Scutellaria baicalensis* Georg and baicalin containing serum on activities of osteoblasts and osteoclasts YAN Qi-xin, ZHAO Wen-juan, YIN Ming, *et al* (1367)
10. Chemical constituents of *Abrus precatorius* L. LI Liang-bo, WEN Xiu-ping, HE Yi, *et al* (1371)
11. Flavonoids from the roots of *Stellera chamaejasme* L. YANG Cai-xia, WEI Bing, WANG Fang-ping, *et al* (1374)
12. Chemical constituents of fallen leaves of *Ginkgo biloba* YAO Xin, ZHOU Gui-sheng, TANG Yu-ping, *et al* (1377)
13. Study on chemical constituents from stems of *Gardenia stenophylla* Merr. ZHENG Li-hua, LI Xiao-bao, SONG Xin-ming, *et al* (1382)
14. Chemical constituents of *Primula sikkimensis* Hook (II) PENG Teng, QIU Jian-ping, DENG Yun, *et al* (1385)
15. Chemical constituents from *Polygonum chinensis* L. REN Heng-chun, WAN Ding-rong, GU Jing, *et al* (1387)
16. Chemical constituents from the roots of *Calotropis procera* LI Wan-cong, YAN Yong-ming, ZHONG Hui-min (1390)
17. Chemical constituents and bioavailability of saponins from the leaves and stems of *Panax quinquefolium* L. QIU Nan-nan, LIU Jin-ping, AI Min, *et al* (1393)
18. Research on synthesis and biological activities of Baicalin-La (III)、Y (III) complexes ZHANG Qi-xiong, SHI Lun-yong, LIU Yan-ji (1398)
19. Volatile constituents from leaves of *Piper betle* L by head-space solid micro-extraction coupled with GC-MS YIN Zhen-hua, WANG Wei, GU Hai-peng, *et al* (1402)
20. Analysis of chemical constituents of *Rhodiola crenulata* using high performance liquid chromatography-mass spectrometry HUO Jia-li, WANG Jian-hua, WU Zhi-jun, *et al* (1405)
21. Activity screening on sesquiterpene compounds from *Ligularia intermedia* Nakai of Shanxi CHAI Zhi, FAN Hui-jie, WANG Yong-hui, *et al* (1408)
22. Extraction the colchicine of *Iphigenia indica* in aqueous two-phase system SHI Yao, YANG Ya-ling, LI Wan-yi, *et al* (1412)
23. Analysis of nagaful No. 2 polyphenol and saccharide contents from various characteristic original areas TIAN Lan-lan, GUO Yu-rang, NIU Peng-fei, *et al* (1417)
24. Analysis of essential oil from pericarp of orange its application in cigarette WEI Peng-cheng, ZHAO Ming-qin, LIU Peng-fei (1424)
25. Primary study on the acetylcholinesterase inhibitory activity of different plant extracts YIN Shuai-wen, LIU Li-ping, WANG An-ping, *et al* (1429)
26. Biotransformation of baicalin by human intestinal bacteria LIU ling-wen, SI Lei, REN Shu-yong, *et al* (1437)
27. Study on hypoglycemic activity and extraction of *Synsepalum Dulcificum* seed protein HUANG Ju-bo, LIU Hong, LU Sheng-lou, *et al* (1441)
28. Determination of organic acids in *Lentinus edodes* by HPLC HE Xu-kong, XING Zeng-tao, RAO Qin-xiong, *et al* (1444)
29. Study of purification of chrysanthemum flavonoids by membrane technology YI Ke-chuan, ZENG Qi-liang, LI Hui (1449)
30. Ultrasonic-assisted extraction technology of total flavonoids from *Paeonia ostii* T. Hong et J. X. Zhang seed WU You, LI Mei-qing, SUN Qiang, *et al* (1454)
31. Optimization of ultrasonic-assisted extraction of total phenols from *Inonotus obliquus* by response surface methodology LI Feng, SHANG Lei, YU Li-chao, *et al* (1458)
32. Optimization of extraction process of polysaccharides from fenugreek (*Trigonella foenum-graecum* L.) by response surface methodology HE Yan-feng, YANG Ren-ming, HU Na, *et al* (1463)
33. Study on preparation of peptides from *Spirulina* protein with double enzyme method SUN Yi-jun, CHANG Rong, ZHANG Jiao, *et al* (1468)
34. Advances in saponins from *Ardisia* HAI Wen-li, TANG Hai-feng, MA Ning, *et al* (1474)
35. Advances in content determination methods of chemical constituents from *Radix Aconiti Lateralis Preparata* (*Fuzi*) LEI Qi-fang, SI Jian-yong (1480)
36. Modification of biomacromolecule by sulfation and its biological activities: a review CHENG Wei-hua, FU Guo-ping, ZHAO Gai-hong, *et al* (1486)
37. The development of the bioactive substances of the Antarctic krill LIU Zhi-dong, QU Ying-hong, WANG Yuan, *et al* (1491)