

# 中国海洋药物

## ZHONGGUO HAIYANG YAOWU

第36卷 第4期(总第178期) 2017年8月

### 目 次

#### 研究报告

- 涠洲岛沐浴角骨海绵 *Spongia officinalis* 的化学成分研究 ..... 孙冬宇,姚励功,韩冠英,等(1)
- 新型 gc2hsqcse 二维核磁共振技术在  
绿藻硫酸多糖 Ls25 结构解析中的应用 ..... 张秀丽,刘雪,王聪,等(6)
- 海洋芽孢杆菌大环内酯糖基转移酶 BmmGT1 糖基受体广谱性探究 ..... 刘叔叔,刘增智,刘扬,等(11)
- 贝壳类药材海螺壳和香螺壳的性状显微鉴别 ..... 邵林,王中华,郭庆梅,等(18)
- 海洋真菌来源化合物(+)- terrein 的发酵优化及其生物活性 ..... 吴洪娥,牟晓凤,房耀维,等(25)
- 氨基葡萄糖对绝经后骨质疏松模型大鼠的保护作用 ..... 李哲,蒋志雯,张伟,等(29)
- Hsp90 抑制剂 HDN-1 诱导急性早幼粒细胞白血病 NB4 细胞凋亡的研究 ..... 张心桐,戚欣,李静(35)
- 巴沙鱼胶原蛋白的提取、组成及变性温度研究 ..... 沈校,龚明,邹峥嵘,等(41)
- 芒鲛胶原组织再生膜的制备及骨修复作用研究 ..... 夏凯,陈彤,洪栋,等(47)
- 海兔素对高铁暴露大鼠脂质代谢和肠黏膜损伤的保护作用 ..... 李瑞英,马岩,刘颖,等(54)
- 仿刺参糖胺聚糖对肺癌患者外周血体外细胞免疫调节功能研究 ..... 林存智,朱新红,邵明菊,等(61)

#### 综 述

- 具有抗菌活性的海洋真菌天然产物研究进展 ..... 金黎明,金鑫浩,侯熙彦,等(66)
- 生合成途径特异性转录因子及其激活真菌沉默次级代谢产物的研究进展 ..... 崔小清,丁壮,武莉,等(75)

#### 研究简报

- 柳珊瑚来源真菌 *Penicillium chrysoygenum* 中聚酮-萜类化合物 citrehybridonol 及其  
单晶结构 ..... 聂君环,侯雪梅,白虹,等(83)
- 四角蛤蜊壳制备 L-天门冬氨酸螯合钙工艺及表征研究 ..... 王青,刘睿,程建明,等(87)

期刊基本参数:CN37-1155/R \* 1982 \* b \* 16 \* 94 \* zh \* P \* ¥16.00 \* 600 \* 15 \* 2017-08

本期责任编辑:于卫 英文编辑:徐雪莲

# CHINESE JOURNAL OF MARINE DRUGS

Volume 36 Number 4 2017 August

## CONTENTS

### Original Articles

- Investigation on chemical constituents of *Spongia officinalis* of Weizhou Island ..... SUN Dong-yu, et al(1)
- Application of a new gc2hsqcse two-dimensional nuclear magnetic resonance technology in structural analysis of green alga sulfated polysaccharide Ls25 ..... ZHANG Xiu-li, et al(6)
- Substrate promiscuity of macrolide glycosyltransferase BmmGT1 from marine *Bacillus* regarding sugar receptor ..... LIU Quan-quan, et al(11)
- Comparative study on morphology and microscopy of Rapanae Concha and Neotuneeae Concha ..... SHAO Lin, et al(18)
- Research on the fermentation optimization of (+)-terrein from marine fungus and evaluation of its biological activities ..... WU Hong-e, et al(25)
- Study on protective effects of D-glucosamine on postmenopausal osteoporosis in rats ..... LI Zhe, et al(29)
- A research of apoptosis-inducing effects of APL cells NB4 by an Hsp90 inhibitor HDN-1 ..... ZHANG Xin-tong, et al(35)
- Study on extraction, composition and denaturation temperature of Collagen from *Pangasius haniltoa* skin ..... SHEN Xiao, et al(41)
- Preparation of tissue regeneration collagen membrane from *Paugusiushamiltoa* and research on bone repairing effect ..... XIA Kai, et al(47)
- Protective effects of Aplysin on lipid metabolism and intestinal mucosal damage of rats exposed by excessive iron ..... LI Rui-ying, et al(54)
- The research of Glycosaminoglycan from *Apostichopus Japonius* on cellular immuno-regulation function of peripheral blood cells from lung cancer patients in vitro ..... LIN Cun-zhi, et al(61)

### Reviews

- New research progress on antimicrobial natural products from marine-derived fungi ..... JIN Li-ming, et al(66)
- Research progress on the pathway-specific transcription factors and their application in activating cryptic fungal secondary metabolites ..... CUI Xiao-qing, et al(75)

### Research Notes

- Meroterpenoid citrehybridonol from gorgonian-derived fungus *Penicillium chrysogenum* and its single-crystal structure ..... NIE Jun-huan, et al(83)
- Synthesis and characterization of amino acid chelated calcium with shells as primary calcium source ..... WANG Qing, et al(87)