

海洋学报

Haiyang Xuebao

第 37 卷 第 12 期(卷终) 2015 年 12 月

中国科协精品期刊工程项目资助期刊
第二届国家期刊奖获奖期刊
第三届中国科协优秀期刊奖获奖期刊
中国科技论文统计源期刊
中国科学引文数据库来源期刊
美国《化学文摘》收录期刊
《日本科技文献速报》收录期刊

目次

南海生物泵

南海北部夏、冬季今生颗石藻分布.....	孙军, 刘海娇, 李欣, 冯媛媛	1
南海西北部沉积物捕获器中颗石藻通量和属种组成变化记录	冉莉华, Luc Beaufort, 李宏亮, 陈建芳, Martin Wiesner, 杨志, 张静静, 孙军	11
溶解作用对南海北部沉积物捕获器碳、氮通量估算的影响.....	孙麟, 李宏亮, Jennerjahn Tim, 冉莉华, 金海燕, 张静静, Wiesner Martin, 陈建芳	19
琼东海域今生颗石藻群落研究.....	刘海娇, 孙军, 冯媛媛	27
2009 年冬、夏季南海北部超微型浮游生物的分布特征及其环境相关分析	乐凤凤, 蔡昱明, 孙军, 郝镔, 刘诚刚, 翟红昌, 陈建芳	41
2014 年夏季南海北部超微型浮游植物分布及环境因子影响	魏玉秋, 孙军, 丁昌玲	56

论文

物理海洋、海洋气象、海洋物理

珊瑚岸礁破碎带附近波浪演化实验研究	姚宇, 杜睿超, 袁万成, 蒋昌波	66
-------------------------	-------------------	----

海洋化学

南极普里兹湾及其邻近海域悬浮颗粒有机物的碳同位素组成及其影响因素	任春燕, 陈敏, 高众勇, 郭劳动, 贾仁明, 刘萧, 邱雨生, 郑敏芳	74
酸化过程对海洋沉积物中有机碳同位素分析的影响	彭亚君, 王玉珏, 刘东艳, 唐丹玲	85

海洋生物

海岛生态脆弱性的内涵、特征及成因探析.....	池源, 石洪华, 郭振, 丁德文	93
泥蚶血红蛋白异源四聚体酶解多肽抗菌活性及其机理研究	王娟娟, 包永波, 王素芳, 林志华	106

研究报道

海洋生物

海洋酸化对海水青鳉胚胎骨骼发育的影响	王晓杰, 肖潇, 李超, 岳娜	116
浴场海水中大肠杆菌耐药性及其耐药基因研究.....	王玥, 苏洁, 明红霞, 石岩, 赵莎, 关道明, 樊景凤	123

其他

《海洋学报》第 37 卷(2015 年)文章索引	I - IV
The International Symposium on Fisheries Ouanography	V
《海洋学报》作者投稿须知	VI

Haiyang Xuebao

Vol. 37 No. 12 December 2015

CONTENTS

Biological pump in the South China Sea

Distribution of living coccolithophores in the northern South China Sea in summer and winter	<i>Sun Jun, Liu Haijiao, Li Xin, Feng Yuanyuan</i>	9
Coccolith downward fluxes and species compositions recorded in the sediment trap in the northwest South China Sea <i>Ran Lihua, Luc Beaufort, Li Hongliang, Chen Jianfang, Martin Wiesner, Yang Zhi, Zhang Jingjing, Sun Jun</i>		17
Underestimation of C and N flux in the northern South China Sea due to dissolution in sediment trap samples	<i>Sun Lin, Li Hongliang, Jennerjahn Tim, Ran Lihua, Jin Haiyan, Zhang Jingjing, Wiesner Martin, Chen Jianfang</i>	26
Study on modern coccolithophores in coastal region along the east Hainan Island	<i>Liu Haijiao, Sun Jun, Feng Yuanyuan</i>	40
Seasonal variation of picoplankton abundance and biomass in the northern South China Sea in summer and winter 2009	<i>Le Fengfeng, Cai Yuming, Sun Jun, Hao Qiang, Liu Chenggang, Zhai Hongchang, Chen Jianfang</i>	55
Distribution and environmental impact factors of picoplankton in the northern South China Sea in summer 2014	<i>Wei Yuqiu, Sun Jun, Ding Changling</i>	65

Article

Physical Oceanography, Marine Meteorology and Marine Physics

Experimental study of wave transformation around the surf zone over fringing reefs	<i>Yao Yu, Du Ruichao, Yuan Wancheng, Jiang Changbo</i>	73
--	---	----

Marine Chemistry

Stable carbon isotopic composition of suspended particulate organic matter in the Prydz Bay and its adjacent areas ... <i>Ren Chunyan, Chen Min, Gao Zhongyong, Guo Laodong, Jia Renming, Liu Xiao, Qiu Yusheng, Zheng Minfang</i>		83
Acid treatment effects on the carbon stable isotope values of marine sediments	<i>Peng Yajun, Wang Yujue, Liu Dongyan, Tang Danling</i>	92

Marine Biology

Connotation, features and causes of island ecological vulnerability	<i>Chi Yuan, Shi Honghua, Guo Zhen, Ding Dewen</i>	105
Antibacterial activity and mechanisms of heterotetramer hemoglobin derived polypeptide from <i>Tegillarca granosa</i>	<i>Wang Juanjuan, Bao Yongbo, Wang Sufang, Lin Zhihua</i>	114

Research Notes

Marine Biology

Impact of ocean acidification on skeletal development in embryonic marine medaka	<i>Wang Xiaojie, Xiao Xiao, Li Chao, Yue Na</i>	122
Study on antibiotic resistance and resistant related genes of <i>Escherichia coli</i> from seawater of bathing beach	<i>Wang Yue, Su Jie, Ming Hongxia, Shi Yan, Zhao Sha, Guan Daoming, Fan Jingfeng</i>	128