

海洋学报

ACTA OCEANOLOGICA SINICA

第 36 卷 第 8 期 2014 年 8 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

论文

南通近岸海域水质特征的因子及聚类分析研究·····	丁言者,李飞,徐敏,黄晓龙,徐文健	1
东海表层水体中的多环芳烃及其沉积通量估算·····	林田,胡利民,郭志刚	12
南海珠江口盆地深部烃类微渗漏的分子地球化学揭示·····	茅晟懿,朱小畏,苏明,管红香,孙永革,吴能友	19
桑沟湾养殖海域沉积物中碳埋藏通量的长期记录·····	刘赛,杨茜,杨庶,孙耀,杨桂朋	30
南海北部冷泉碳酸盐岩中钙质生物壳体和自生碳酸盐矿物的 Mg/Ca、Sr/Ca 及其环境指示·····	杨克红,初凤友,朱继浩,马维林,董彦辉	39
3 种海洋硅藻不同培养阶段挥发性成分的比较分析·····	陈姣,徐继林,李艳,周成旭,严小军	49
基于主成分和 BP 神经网络的智利竹筴鱼渔场预报模型研究·····	汪金涛,高峰,雷林,邹晓荣,官文江,陈新军	65
热带东北印度洋海域管水母类的群落结构特征·····	李开枝,柯志新,李刚,尹健强,黄良民	72
24-表油菜素内酯对龙须菜抗高温胁迫的研究·····	李静,王俏俏,徐年军,孙雪,范美华	82
长江口及邻近海域浮游植物现存量的上下行控制分析·····	宋洪军,张学雷,王保栋,孙霞,王晓,辛明	91
一种新的海洋微藻病毒丝氨酸蛋白酶基因的克隆表达及其活性分析·····	李丽华,邱健健,蔡艺钦,于鹏,刘静雯	101

研究报告

大黄鱼溶藻弧菌病组织中巨噬细胞移动抑制因子的检测及意义·····	桑本红,徐晓津,毛勇,王军,苏永全	111
真鲷、黑鲷及其杂交子代的染色体构成与 AFLP 分析·····	林勉,苗亮,李明云,俞寅寅,徐万土	117
枯水期钦州湾浮游植物群落结构组成与分布特征·····	蓝文陆,李天深,郑新庆,施晓峰,黎明民,陆建军,李波	122

期刊基本参数: CN11-2055/P * 1979 * m * 14 * 129 * zh * P * ¥58.00 * 600 * 16 * 2014-08

ACTA OCEANOLOGICA SINICA

Vol. 36 No. 8 August 2014

CONTENTS

Articles

- A research on water quality characteristics of Nantong nearshore based on factor analysis and cluster analysis 11
..... *Ding Yanzhe, Li Fei, Xu Min, Huang Xiaolong, Xu Wenjian*
- Polycyclic aromatic hydrocarbons in the surface seawater of the East China Sea and application in depositional fluxes calculation 17
..... *Lin Tian, Hu Limin, Guo Zhigang*
- Molecular geochemical identification of hydrocarbon microleakage in the Pearl River Mouth Basin of the South China Sea 29
..... *Mao Shengyi, Zhu Xiaowei, Su Ming, Guan Hongxiang, Sun Yongge, Wu Nengyou*
- The long-term records of carbon burial fluxes in sediment cores of culture zones from Sanggou Bay 38
..... *Liu Sai, Yang Qian, Yang Shu, Sun Yao, Yang Guipeng*
- Mg/Ca and Sr/Ca ratios of authigenic carbonate minerals and calcareous biogenic shells in the cold-seep carbonates, north of the South China Sea and their environmental implication 47
..... *Yang Kehong, Chu Fengyou, Zhu Jihao, Ma Weilin, Dong Yanhui*
- Analysis of volatile components from three marine diatoms at different growth stages 64
..... *Chen Jiao, Xu Jilin, Li Yan, Zhou Chengxu, Yan Xiaojun*
- Application of BP neural network based on principal component analysis in fishing grounds of Chilean jack mackerel (*Trachurus murphyi*) in the southeast Pacific Ocean 71
..... *Wang Jintao, Gao Feng, Lei Lin, Zou Xiaorong, Guan Wenjiang, Chen Xinjun*
- Community structure of siphonophores in the tropical northeast Indian Ocean 81
..... *Li Kaizhi, Ke Zhixin, Li Gang, Yin Jianqiang, Huang Liangmin*
- Effects of 24-epibrassinolide on the resistance of *Gracilaria lemaneiformis* to high temperature 90
..... *Li Jing, Wang Qiaoqiao, Xu Nianjun, Sun Xue, Fan Meihua*
- Bottom-up and top-down controls of the phytoplankton standing stock off the Changjiang Estuary 99
..... *Song Hongjun, Zhang Xuelei, Wang Baodong, Sun Xia, Wang Xiao, Xin Ming*
- Cloning, expression and activity analysis of a novel serine protease from marine *Coccolithovirus* 110
..... *Li Lihua, Qiu Jianjian, Cai Yiqin, Yu Peng, Liu Jingwen*
- ### Research Notes
- Detection of macrophage migration inhibitory factor in *Vibrio alginolyticus* disease of *Larimichthys crocea* tissues and its significance 116
..... *Sang Benhong, Xu Xiaojin, Mao Yong, Wang Jun, Su Yongquan*
- Chromosome composition and AFLP analysis of *Pagrosomus major*, *Spraus macrocephalus* and the hybrids 121
..... *Lin Mian, Miao Liang, Li Mingyun, Yu Yin Yin, Xu Wantu*
- The structure and distribution of phytoplankton community in the Qinzhou Bay during dry season 129
..... *Lan Wenlu, Li Tianshen, Zheng Xinqing, Shi Xiaofeng, Li Mingmin, Lu Jianjun, Li Bo*