

海洋学报

ACTA OCEANOLOGICA SINICA

第 33 卷 第 3 期 2011 年 5 月

目次

论文

- 一维海洋混合层模式应用于二维数值模拟的试验研究…………… 凌铁军,梁信忠,徐敏等 1
- 2000—2008 年期间南海海面温度的年际与空间变异…………… 丘福文,方文东,郭朴 11
- 长江河口涨落潮不对称性动力成因分析…………… 王彪,朱建荣,李路 19
- 南海—西北太平洋季风槽中热带气旋群发的研究 II…………… 高建芸,吕心艳,张秀芝等 28
- 预修正快速傅里叶变换高阶边界元方法在波浪对物体作用问题中的应用…………… 姜胜超,滕斌,勾莹等 38
- 应用 CDOM 光学特性估算水体 COD…………… 黄妙芬,宋庆君,毛志华等 47
- 基于遥感反射比光谱的一种藻类识别方法…………… 殷蕾,唐军武,宋庆君 55
- 极低饱和度和近饱和状态下海水中方解石和文石溶解动力学研究…………… 陶小晚,蒲晓强,王海强等 63
- 夏季南黄海跨锋断面的生态环境特征及锋区生态系的提出…………… 韦钦胜,葛人峰,臧家业等 74
- 近 2 ka 以来东海内陆架泥质区记录的高分辨率古气候演化…………… 刘升发,石学法,刘焱光等 85
- 辽河口沉积物反硝化细菌数量及多样性的研究…………… 樊景凤,陈佳莹,陈立广等 94
- 冲绳海槽中部距今近 70 ka 以来的孢粉记录及物源探讨…………… 杨士雄,郑卓,魏金辉等 103
- 牙鲆 F₁ 代近交系、雌核发育系的建立及遗传检测…………… 田永胜,汪娣,王磊等 114
- 凡纳滨对虾 α -淀粉酶基因 PCR-RFLP 多态性与生长性状的相关分析…………… 辛静静,刘小林,李喜莲等 124
- 缘管浒苔和羽藻氮、磷营养生理学研究…………… 邵魁双,巩宁,李珂等 131
- 基于叶绿素荧光技术的紫菜光适应特征研究…………… 张涛,沈宗根,姚春燕等 140
- 2008 年夏季白令海粒度分级叶绿素 a 和初级生产力…………… 刘子琳,陈建芳,刘艳岚等 148
- 热球菌 HJ21 高温 α -淀粉酶基因克隆、表达及性质研究…………… 王淑军,吕明生,秦松等 158

研究报道

- 五种海洋微藻细胞膜与细胞内脂肪酸分子稳定碳同位素组成分析…………… 王江涛,孙书勤,孙宝维等 165
- 麒麟菜属和卡帕藻属海藻的 ISSR 初步分析…………… 张婷,时旭,何建华等 173

期刊基本参数: CH11-2055/P*1979*b*16*178*zh*P*¥38.00*830*20*2011-05

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
中文核心期刊
中国学术期刊综合评价数据库统计源期刊
中国学术期刊全文数据库全文收录期刊
中国核心期刊(遴选)数据库收录期刊
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
《中国生物学文摘》收录期刊
中国生物学文献(遴选)数据库收录期刊

ACTA OCEANOLOGICA SINICA

Vol. 33 No. 3 May 2011

CONTENTS

Articles

A multilevel ocean mixed-layer model for 2-dimension applications	10
..... LING Tie-jun, LIANG Xin-Zhong, XU Min et al.	
Interannual and spatial variability of the sea surface temperature in the South China Sea during 2000—2008	18
..... QIU Fu-wen, FANG Wen-dong, GUO Pu	
A study on the dynamics of the asymmetry between flood and ebb in the Changjiang Estuary	27
..... WANG Biao, ZHU Jian-rong, LI Lu	
Research on the cluster of tropical cyclogenesis in the South China Sea—western north Pacific monsoon trough II	37
..... GAO Jian-yun, LÜ Xin-yan, ZHANG Xiu-zhi et al.	
Applications of precorrected-FFT method to higher-order boundary element method for wave-body problem	45
..... JIANG Sheng-chao, TENG Bin, GOU Ying et al.	
The retrieval model for COD in waters using optical absorption properties of CDOM	54
..... HUANG Miao-fen, SONG Qing-jun, MAO Zhi-hua et al.	
A method of classification for algal species based on remote sensing reflectance spectra	62
..... YIN Lei, TANG Jun-wu, SONG Qing-jun	
Research on dissolution kinetics of calcite and aragonite in seawater with very low saturation state and near saturation	73
..... TAO Xiao-wan, PU Xiao-qiang, WANG Hai-qiang et al.	
Characteristics of the ecological environment in cross-frontal sections and a viewpoint of the frontal region ecosystem in the southern Huanghai Sea in summer	84
..... WEI Qin-sheng, GE Ren-feng, ZANG Jia-ye et al.	
Recent 2000 a climatic record of mud area on the inner shelf of the East China Sea	93
..... LIU Sheng-fa, SHI Xue-fa, LIU Yan-guang et al.	
Research on denitrifying bacteria quantification and diversity in Liaohe Estuary sediments	102
..... FAN Jing-feng, CHAN Jia-ying, CHEN Li-guang et al.	
Pollen records from the middle Okinawa Trough and the terrigenous pollen source analysis for 70 ka BP	113
..... YANG Shi-xiong, ZHENG Zhuo, WEI Jin-hui et al.	
Construction and genetic analysis of gynogenetic clone and inbreeding strain of F ₁ generation families for Japanese flounder <i>Paralichthys olivaceus</i>	123
..... TIAN Yong-sheng, WANG Di, WANG Lei et al.	
PCR-RFLP polymorphism of alpha-amylase gene and its association with growth traits of <i>Litopenaeus vannamei</i>	129
..... XIN Jing-jing, LIU Xiao-lin, LI Xi-lian et al.	
Nitrogen and Phosphorus nutrition physiology of <i>Enteromorpha linza</i> and <i>Bryopsis plumosa</i> (Chlorophyta)	139
..... SHAO Kui-shuang, GONG Ning, LI Ke et al.	
Light adaptation characteristics of porphyra studied by chlorophyll fluorescence technology	147
..... ZHANG Tao, SHEN Zong-gen, YAO Chun-yan et al.	
The size-fractionated chlorophyll a concentration and primary productivity in the Bering Sea in the summer of 2008	157
..... LIU Zi-lin, CHEN Jian-fang, LIU Yan-lan et al.	
Cloning, expression, purification and characterization of thermostable and acid-stable α -amylase from <i>Thermococcus</i> HJ21	164
..... WANG Shu-jun, LU Ming-sheng, QIN Song et al.	
Research Notes	
The fatty acid composition and its molecular carbon isotopic ratio in membrane and intracellular components of five species of marine algae	172
..... WANG Jiang-tao, SUN Shu-qin, SUN Bao-wei et al.	
Preliminary analysis on identification <i>Eucheuma</i> and <i>Kappaphycus</i> (Rhodopyta) by ISSR	178
..... ZHANG Ting, SHI Xu, HE Jian-hua et al.	