



ISSN 0253-4193
CN 11-2055/P

海洋学报

Haiyang Xuebao

ACTA OCEANOLOGICA SINICA

(中文版)

第34卷 第3期 Vol. 34 No.3

(1979年5月创刊)

2012

ISSN 0253-4193



0.5>

9 770253 419126

中国海洋学会主办
《海洋学报》编辑部出版

海洋学报

ACTA OCEANOLOGICA SINICA

第34卷 第3期 2012年5月

目次

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

论文

南麂岛附近海域潮汐和潮流的特征	曾定勇, 倪晓波, 黄大吉	1
深圳海域潮汐海啸波耦合数值研究	李林燕, 毛献忠	11
全球海洋碳循环三维数值模拟研究	鲍颖, 乔方利, 宋振亚	19
2008/2009年冬季南海冷涌天气过程的海-气热通量交换及热量收支	王长科, 黄磊, 闫俊岳, 孙启振, 姚华栋, 赵学华, 陈长丘	27
黄茅海河口潮波的传播特征与机理研究	龚文平, 刘欢, 任杰, 于红兵	41
基于雷达高度计增益自动控制数据的风速反演算法研究	王磊, 王萍, 孟俊敏, 范陈清	55
海洋同位素演化及其对大陆物源与洋流变化的启示	胡榕, 凌洪飞, 陈天宇	61
天然海水硝酸盐氮同位素组成的蒸馏法测定	杨志, 陈敏, 曹建平, 邱雨生	72
基于海底表层沉积物声速特征的南海地声模型	邹大鹏, 阎贫, 卢博	80
基于能量比与互相关法的地震剖面反射同相轴交互自动拾取研究	丁维凤, 潘国富, 苟铮慷, 傅晓明, 张济博, 胡涛骏	87
海山当地物源和南极底层水对富钴结壳成矿作用的影响	武光海, 刘捷红	92
渤海地区全新世孢粉序列及古环境演化	陈金霞, 石学法, 乔淑卿	99
白令海特征区域的表层沉积硅藻分布及其古海洋学意义	黄元辉, 石学法, 吕华华, 陈志华, 程振波	106
关于南海北部深水重力流沉积问题的讨论	庞雄, 柳保军, 颜承志, 刘军, 李元平	114
近200年桑沟湾养殖海域柱状沉积剖面的污染有机质记录与评价	宋娴丽, 杨茜, 孙耀, 尹晖, 江双林	120
二氧化碳碳酸化对两种桡足类肌肉和卵母细胞超微结构的影响	张达娟, 李少菁, 王桂忠, 郭东晖	127
长江口大型底栖动物群落的演变过程及原因探讨	刘录三, 郑丙辉, 李宝泉, 蔡文倩, 韩庆喜, 林肖璇	134
胶州湾不同季节浮游动物昼夜垂直移动规律初步研究	李秀玉, 朱丽岩, 徐培培, 刘树苗, 徐风凤	146
洋山港海域大型污损生物生态特点	王宝强, 薛俊增, 庄骅, 吴惠仙	155
海洋石油降解菌剂在大连溢油污染岸滩修复中的应用研究	郑立, 崔志松, 高伟, 韩彬, 杨佰娟 ¹ , 王绍良, 李倩, 周文俊, 张魁英, 曹磊	163

研究报道

冷空气影响热带气旋发生发展的研究进展	于玉斌	173
福建闽江口及附近海域和厦门海域头足类种类组成的季节变化	陈强, 王家樵, 张雅芝, 黄良敏, 李军, 谢仰杰	179
原油WSF对褐菖鲉肝微粒体CYP1A蛋白的诱导研究	郑榕辉, 张玉生, 陈清福	185
春末夏初巽他陆架表层水体的叶绿素粒级结构及其和营养盐的关系	柯志新, 黄良民, 李刚, 尹健强, 谭烨辉	190

其他

守护期刊学术生态	高英, 于秋涛	I
第六届海洋强国战略论坛征文通知	II	

期刊基本参数: CH11-2055/P * 1979 * b * 16 * 198 * zh * P * ￥58.00 * 830 * 24 * 2012-03

ACTA OCEANOLOGICA SINICA

Vol. 34 No. 3 May 2012

CONTENTS

Articles

Harmonic analysis of tide and tidal current near Nanji Island, Zhejiang Province	ZENG Dingyong, NI Xiaobo, HUANG Daji	9
Numerical study for tide-tsunami coupling model in Shenzhen Waters	LI Linyan, MAO Xianzhong	17
The 3-dimensional numerical simulation of global ocean carbon cycle	BAO Ying, QIAO Fangli, SONG Zhenya	26
Air-sea heat fluxes and budget over South China Sea during cold surges in 2008/2009 winter	WANG Changke, HUANG Lei, YAN Junyue, SUN Qizhen, YAO Huadong, ZHAO Xuehua, CHEN Changqiu	40
The study of tidal propagation in the Huangmaohai Estuary and its underlying mechanisms	GONG Wenping, LIU Huan, REN Jie, YU Hongbing	54
An inversion algorithm research of altimeter wind speed based on automatic gain control	WANG Lei, WANG Ping, MENG Junmin, FAN Chengqing	60
Marine hafnium isotopic evolution and its implications for continental sources and ocean circulation changes	HU Rong, LING Hongfei, CHEN Tianyu	71
Ammonia distillation method for nitrogen isotope analysis of nitrate in seawater	YANG Zhi, CHEN Min, CAO Jianping, QIU Yusheng	78
A geoacoustic model based on sound speed characteristic of seafloor surface sediments of the South China Sea	ZOU Dapeng, YAN Pin, LU Bo	86
The research of interactive auto pickup of seismic events based on energy ratio and cross-correlation	DING Weifeng, PAN Guofu, GOU Zhengkang, FU Xiaoming, ZHANG Jibo, HU Taojun	91
A local metal sources and the influence of the Antarctic Bottom Water on the cobalt-rich crust formation	WU Guanghai, LIU Jiehong	98
Holocene palynological sequences and palaeoenvironmental changes in the Bohai Sea area	CHEN Jinxia, SHI Xuefa, QIAO Shuqing	105
The distribution of diatom species from surface sediments of characteristic regions in the Bering Sea and their paleoceanographical significance	HUANG Yuanhui, SHI Xuefa, LV Huahua, CHEN Zhihua, CHENG Zhenbo	113
Some reviews on deep-water gravity-flow deposition in the northern South China Sea	PANG Xiong, LIU Baojun, YAN Chengzhi, LIU Jun, LI Yuanping	119
Study of sedimentary section records of organic matter in Sanggou Bay over the last 200 years	SONG Xianli, YANG Qian, SUN Yao, YIN Hui, JIANG Shuanglin	126
Impacts of CO ₂ -driven acidified seawater on the muscle and oocyte ultrastructure of two marine copepods	ZHANG Dajiang, LI Shaojing, WANG Guizhong, GUO Donghui	133
Long-term trends of macrobenthos in Changjiang Estuary, China in relation to environmental changes	LIU Lusan, ZHENG Binghui, LI Baoquan, CAI Wenqian, HAN Qingxi, LIN Kuixuan	145
Study of Diel Vertical Migration patterns of zooplankton during different seasons in Jiaozhou Bay	LI Xiuyu, ZHU Liyan, XU Peipei, LIU Shumiao, XU Fengfeng	154
Ecological characteristics of macro-fouling organisms at Yangshan Port	WANG Baoqiang, XUE Junzeng, ZHUANG Hua, WU Huixian	162
Field study of the bioremediation of oil-contaminated Dalian beach by marine oil-degrading bacterial agent	ZHENG Li, CUI Zhisong, GAO Wei, HAN Bin, YANG Baijuan, WANG Shaoliang, LI Qian, ZHOU Wenjun, ZHANG Kuiying, CAO Lei	172
Research Notes		
Research advances of cold air impacts on the tropical cyclone genesis and development	YU Yubin	178
Seasonal composition of cephalopod species in the Minjiang Estuary and its adjacent waters and Xiamen coastal waters of Fujian	CHEN Qiang, WANG Jiaqiao, ZHANG Yazhi, HUANG Liangmin, LI Jun, XIE Yangjie	184
Study on the induction of hepatic microsomal CYP1A protein expression in <i>Sebastiscus marmoratus</i> exposed to crude oil WSE	ZHENG Ronghui, ZHANG Yusheng, CHEN Qingfu	189
Size structure of chlorophyll a in relation to environmental factors in surface waters of Sunda Shelf during late spring and early summer	KE Zhixin, HUNG Liangmin, LI Gang, YIN Jianqiang, TAN Yehui	196