

海洋学报

Haiyang Xuebao

第 40 卷 第 10 期 2018 年 10 月

目录

化学要素与区域海洋生态环境变化的关系

综述

海洋沉积物/颗粒物在生源要素循环中的作用及生态学功能·····	宋金明,李学刚	1
海洋中生源活性气体的来源与迁移转化·····	杨桂朋,张洪海	14
北极快速变化的生态环境响应·····	陈建芳,金海燕,白有成,庄燕培,李宏亮,李杨杰,任健	22
中国近海生态环境变化的同位素示踪研究·····	陈敏,曾健,杨伟锋	32

论文

生物固氮速率测定中 ¹⁵ N ₂ 同位素示踪剂的引入·····	陈盛保,张润,陈能汪,赖丽旻,陈敏,郑敏芳,邱雨生	42
基于碳、氮稳定同位素的雅浦海沟底栖生物食物来源和营养级初探·····	郭承秧,杨志,陈建芳,郑豪,张东声,冉莉华,王春生,鹿博,陈倩娜	51
象山港水体的磷酸盐及其对赤潮的潜在影响·····	杨志,冉莉华,徐晓群,季仲强,朱勇,陈倩娜,陈建芳	61
胶州湾表层海水中 6 类抗菌药物的分布、来源与生态风险·····	彭全材,宋金明,李宁	71
黄、渤海二甲基硫化物的浓度分布与迁移转化速率研究·····	闫士博,靳娜,张洪海,曹晓燕,杨桂朋	84
夏季长江口及其邻近海域挥发性卤代烃的分布和海-气通量研究·····	汪浩,何真,张婧,杨桂朋	96
海水温度对衰亡期浒苔释放生源硫影响的模拟研究·····	韩露,邓雪,李培峰,高先池,刘春颖	110
近百年来大亚湾沉积物有机质的沉积记录及对人为活动的响应·····	曲宝晓,宋金明,袁华茂	119
台湾东部黑潮区海源碳的沉积物记录与近千年来生产力与气候变化的反演·····	王越奇,宋金明,李学刚,王启栋	131
西太平洋雅浦海沟区海水中 CH ₄ 和 DMSP 的垂直变化特征·····	张梦洁,孙承君,杨桂朋,丁海兵	143
底栖有孔虫(<i>Florilus decors</i>)壳体微量元素/钙比值的 LA-ICP-MS 原位微区分析方法及应用——以长江口外海域为例·····	南海明,许博超,黄湘通,杨守业,郭肖伊,王飞飞,邱敏志,张晓洁,于志刚	158
沉积环境对雅浦海沟沉积颗粒物组成和分布的影响·····	吴彬,李栋,赵军,刘诚刚,孙承君,陈建芳,潘建明,韩正兵,胡佶	167

研究报道

西太平洋冬季上层水体有色溶解有机物的分布和转化特征·····	王泽华,邹立,陈洪涛,史洁,杨阳	180
不同海域沉积物对尿素吸附的实验模拟研究·····	薛娇娜,胡博,谭丽菊,王江涛	190
2016 年夏季黄、渤海颗粒有机碳的分布特征及影响因素·····	王雪景,金春洁,王丽莎,张传松	200
调水调沙对黄河下游溶解铀浓度及入海通量的影响·····	于臣青,江雪艳,孟春霞,隋娟娟,刘倩	209

其他

《海洋学报》作者投稿须知·····		I
-------------------	--	---

Scopus 数据库收录期刊

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

CONTENTS

Chemical Factors and Regional Marine Eco-environmental Changes

Review	
Ecological functions and biogenic element cycling roles of marine sediment/particles	13
Sources and transformation processes of biogenic active gases in the ocean	21
Marine ecological and environmental responses to the Arctic rapid change	31
The eco-environmental changes in China coastal seas elucidated from isotope tracers	41
Article	
On the introduction of ¹⁵ N ₂ tracer in marine N ₂ fixation rate assay	50
A preliminary study on the food resources and trophic levels of the benthic community in the Yap Trench based on stable carbon and nitrogen isotopes	59
The behavior of phosphate in the Xiangshan Bay and its potential impact on harmful algal blooms	70
Compositions, sources and ecological risk of 6 antibacterial agents in surface water of the Jiaozhou Bay, China	83
Study on concentrations distributions of dimethylated sulfur compounds and their transformation rates in the Yellow Sea and the Bohai Sea	95
Distribution characteristics and sea-to-air fluxes of volatile halocarbons in the Changjiang River Estuary and its adjacent marine area in summer	108
Effects of temperature on biogenic sulfur production of <i>Ulva prolifera</i> during the decline period	117
Sediment records and responses for anthropogenic activities of organic matter in the Daya Bay during recent one hundred years	129
Sedimentary records of sea-derived carbon and records of paleoproductivity and climate change in the Kuroshio main-stream over the past millennium	141
The vertical variation characteristics of CH ₄ and DMSP in the seawater of the Yap Trench in the western Pacific Ocean	156
<i>In situ</i> microanalysis of elements/Ca ratio in benthic foraminifera shells (<i>Florilus decors</i>) and its application—a case study off the Changjiang River Estuary	166
Influence of sedimentary environment on composition and distribution of sediments in the Yap Trench	178
Research Note	
Distribution and transformation of CDOM in the upper waters of western Pacific Ocean in winter	189
Experimental simulation of urea adsorption on sediments in different sea areas, China	199
Distribution characteristics and influencing factors of particulate organic carbon in the Yellow Sea and the Bohai Sea in summer of 2016	208
The impact of water-sediment regulation scheme on the concentration of dissolved uranium and sea flux in the lower reaches of the Yellow River	219