



中国科技核心期刊

ISSN QK1807687
CODEN SXZKFB

石河子大学学报

自然科学版

Journal of Shihezi University
Natural Science



ISSN 1007-7383



9 771007 738043

第35卷
2017

5

目次

研究前沿

- 卤硅烷体系脱除 B、P 杂质工艺的现状与发展趋势.....
.....张海洋,李星,张传明,满宝昌,付雁,吴成坤,张金利,代斌(529)

化工·材料·食品

- 基于 Suzuki-Miyaura 反应合成联苯乙酸乙酯衍生物.....万江,孙佐浩,刘帅,梁雪婷,徐亮,刘志勇(537)
氮杂环卡宾催化硝基甲烷与查尔酮的 Michael 反应.....邢芬,陈磊,冯泽南,理阳过,杜广芬,何林(542)
双层 ZnS 界面修饰 ZnO 球聚体基量子点敏化太阳能电池的光电性能.....
.....吴强,王兴行,赵海峰,曹海宾,侯娟(548)
响应曲面法优化二茂铁基双甲酰肼的微波辅助合成工艺...刘彤,谢文娟,韦春燕,周瑶,任崇婷,杨金凤(553)
乙炔氯化反应中 $HgCl_2$ /蛭石催化剂失活的影响因素分析.....
.....姜丽娜,黄歆,吕凯,于峰,时运刚,李洪玲,但建明(559)
利用烟气脱硫中间产物亚硫酸钙与芒硝制备亚硫酸氢钠.....
.....吕凯,孟红霞,洪成林,乔秀文,齐誉,但建明(564)

医学·药学

- 骨形态发生蛋白 -2 在肝包虫外囊壁钙化中的作用.....
.....杨婧,张宏伟,葛权虎,赵伯文,彭心宇,张示杰,孙红,吴向未,郭淑霞(570)
人卵巢癌裸鼠卵巢原位移植瘤模型的构建.....詹光照,彭书敏,美丽古丽·莫合买提,郭晓青(574)
创伤后应激障碍样大鼠海马区 p8MAPK 的改变.....庞雨婷,邢文龙,张桂青(580)
Krt7 和 p6 在宫颈病变进展中的临床意义.....美丽古丽·莫合买提,彭书敏,詹光照,郭晓青(585)
蔷薇红景天对大鼠脑缺血的保护作用研究.....陈娟,张珂,李国玉,梁旭,刘秋怡,黄健,王航宇,王金辉(590)

α -硝基酮类的合成.....张寒青,潘馨慧,张珂,王航宇,王金辉(602)

农学·植物保护

密度对新疆春玉米叶片空间分布特征的影响...杨文杰,邹楠,张国强,张召星,王克如,刘朝巍,肖春花(606)

棉纤维醛酮还原酶基因促进拟南芥主根伸长.....杨洋,李鸿彬(612)

大丽轮枝菌微菌核形成的影响因素研究.....夏红飞,陈志荣,宾毅,高峰,黄家风(618)

畜牧·兽医

FGF8、SHH、FOXL 基因在鸡胚成纤维细胞中的调控作用研究...张虎军,赵宗胜,翟曼君,郑炜,李青峰(625)

塔里木马鹿胎儿性别鉴定.....李超程,赵喜堂,杜迎春,孙丽荣,蒋松,刘明达,菅瑞文,魏丽敏,贾斌(632)

计算机技术·信息工程

基于简化单一导频结构的信道估计方法研究.....朱康特,陈波,杜秀丽,张云贺(636)

基于压缩感知的图像重构关键技术研究.....刘效勇,卢佩,曹海宾,田敏(641)

数学·物理

Banach 空间中 ϕ -强增生型变分包含解的迭代逼近.....万美玲,张树义,丛培根(648)

一类具有双线性发生率分数阶 SIS 传染病模型的全局稳定性.....郑义,杨霞(652)

基于介质光栅导模共振的多频率点的单向通光.....田徐腾越,高华,许玲玲(657)

[期刊基本参数]CN 65-1174/N * 1983 * b * A4 * 132 * zh+en * P * ¥25.00 * 1000 * 23 * 2017-10

英文审阅:吴向未,贾鑫,黄先忠 责任编辑、校对:王开胜,张忠,唐慧

CONTENT

The Research Status and Development Tendency in the Technology of Boron and Phosphorus Removal from Halogenosilane System..... Zhang Haiyang, Li Xin, Zhang Chuanmin, Man Baochang, Fu Yan, Wu Chengkun, Zhang Jinli, Da Bin(529)

Application of Suzuki–Miyaura reaction in synthesis of ethyl 4–biphenylacetate derivatives..... Wan Jiang, Sun Zuohao, Liu Shuai, Liang Xueting, Xu Liang, Liu Zhiyong(537)

N–heterocyclic carbene–catalyzed Michael reaction of nitro methane and chalcone..... Xing Fen, Chen Lei, Feng Ze’nan, Li Yangguo, Du Guangfen, He Lin(542)

Photo–electric properties of ZnO aggregates based quantum dot sensitized solar cells with two ZnS layers..... Wu Qiang, Wang Xinghang, Zhao Haifeng, Cao Haibin, Hou Juan(548)

Optimization of ferrocenyl diformylhydrazine’s microwave aided synthesis process by response surface method..... Liu Tong, Xie Wenjuan, Wei Chunyan, Zhou Yao, Ren Chongting, Yang Jinfeng(553)

Deactivation of HgCl₂/vermiculite catalyst in hydrochlorination of acetylene..... Jiang Lina, Huang Xin, Lv Kai, Yu Feng, Shi Yungang, Li Honglin, Dan Jianming(559)

Preparing NaHSO₃ with CaSO₃ of flue gas desulfurization and glauber’s salt..... Lv Kai, Meng Hongxia, Hong Chenglin, Qiao Xiwen, Qi Yu, Dan Jianming(564)

Effect of bone morphogenetic protein BMP–2 on the calcification of hydatid cysts..... Yang Jing, Zhang Hongwei, Ge Quanhu, Zhao Bowen, Peng Xinyu, Zhang Shijie, Sun Hong, Wu Xiangwei, Guo Shuxia(570)

Orthotopic construction of human ovarian carcinoma xenograft model in nude mice..... Zhan Guangxi, Peng Shumin, Meiliguli Mohemaiti, Guo Xiaoping(574)

Changes of p38MAPK in hippocampus of rats after praumatic stress..... Pang Yuting, Xin Wenlong, Zhang Guiqing(580)

The clinical significance of Krt7 and p6 in the progression of cervical lesions..... Meiliguli Mohemaiti, Peng Shumin, Zhan Guangxi, Guo Xiaoping(585)

Protection of *Rhodiola rosea* L. against focal cerebral ischemia in Rats..... Chen Juan, Zhang Ke, Li Guoyu, Liang Xu, Liu Qiuyi, Huang Jian, Wang Hangyu, Wang Jinhui(590)

Synthesis of α –nitroKetone..... Zhang Hanqing, Pan Xinghui, Zhang Ke, Wang Hangyu, Wang Jinhui(602)

Effect of planting density on the spatial distribution characteristics in leaf of Xinjiang Spring Maize..... Yang Wenjie, Zou Nan, Zhang Guoqiang, Zhang Zhaoxing, Wang Keru, Liu Chaowei, Xiao Chunhua(606)

A cotton fiber aldehyde ketone reductase gene GhAKR promotes elongation of main root in *Arabidopsis thaliana*..... Yang Yang, Li Hongbin(612)

Influence factors on microsclerotial formation in *Verticillium dahliae*..... Xia Hongfei, Chen Zhirong, Bin Yi, Cao Feng, Huang Jiafeng(618)

The regulation of FGF8, SHH and FOXL in chicken embryonic fibroblast cells..... Zhang Hujun, Zhao Zongsheng, Zhai Manjun, Zheng Wei, Li Qingfeng(625)

Fetal sex identification of *Cervus elaphus yarkandensis*..... Li Chaocheng, Zhao Xitang, Du Yingchun, Sun Lirong, Song Jiang, Liu Mingda, Ying Ruiwen, Wei Limin, Jia Bin(632)

The channel estimation based on a simplified single pilot structure..... Zhu Kangte, Chen Bo, Du Xiuli, Zhang Yunhe(636)

Research on key techniques of image reconstruction based on compressed sensing..... Liu Xiaoyong, Lu Pei, Cao Haibing, Tian Min(641)

Iterative approximations of solutions for the variational inclusion with ϕ –strongly accretive type mappings in Banach spaces..... Wan Meiling, Zhang Shuyi, Cong Peigen(648)

Global stability analysis of a fractional–order SIS epidemic model with bilinear incidence rate..... Zheng Yi, Yang Xia(652)

Multi–frequency unidirectional optical transmission based on guided mode resonance in a dielectric grating..... Tian Xutengyue, Gao Hua, Xu Lingling(657)

《石河子大学学报:自然科学版》被下列数据库列为刊源

美国《化学文摘》(CA)
《中国科技论文与引文数据库》(CSTPCD)
《中国学术期刊综合评价数据库》
《中国期刊全文数据库》
《中国科技论文统计源期刊》全文收录
《万方数据——数字化期刊群》全文收录
《中国学术期刊网络出版总库》全文收录
《中国生物学文献数据库》全文收录
《中国科技期刊数据库(维普期刊)》全文收录

石河子大学学报(自然科学版)

Shihezi Daxue Xuebao(Ziran Kexue Ban)

双月刊,1983年创刊

第35卷 第5期 2017年10月出版

JOURNAL OF SHIHEZI UNIVERSITY

(Natural Science)

(Bimonthly, Started in 1983)

Vol.35 No.5 Oct. 2017

主管单位:石河子大学

主办单位:石河子大学

主 编: 向本春

副 主 编: 代 斌 吕 新 张 忠
张旺锋 李 锋 贾 斌

编辑出版:石河子大学学报编辑部
(832003 新疆石河子市北四路)

电 话: 0993-2058977

传 真: 0993-2057350

e-mail: xuebaozrb@shzu.edu.cn

网 址: <http://kyc.shzu.edu.cn/journal/>

印刷装订:新疆双星彩印有限责任公司

国内总发行:石河子市邮政局

国外总发行:中国国际图书贸易集团有限公司

Administrator: Shihezi University

Sponsor: Shihezi University

Editor-in-chief: XIANG Benchun

Deputy Editors-in-chief: DAI Bin LV Xin ZHANG Zhong
ZHANG Wangfeng LI Feng JIA Bin

Edited & Published by: Editorial Board of Journal of
Shihezi University

Tel: 0993-2058977 Fax: 0993-2057350

e-mail: xuebaozrb@shzu.edu.cn

Website: <http://kyc.shzu.edu.cn/journal/>

Address: The North 4th Road Shihezi, Xinjiang, 832003, China

Distributor: China International Book Trading Corporation
Code No. BM1496

刊 号: ISSN 1007-7383
CN 65-1174/N

邮发代号: 58-174
国外发行代号: BM1496

本期定价: 25.00 元