

总 目 次

第 1 期

一体式膜生物反应器硝化性能的研究	王 晋, 杨 敏	(1)
酶水解小麦秸秆纤维素研究	全 易, 夏天喜, 刘 红	(4)
菜籽油油脚制备生物柴油	李为民, 章文峰, 邬国英	(7)
乐果、甲胺磷农药衰减行为的研究	杨 扬, 刘 兵, 杜晓刚, 等	(11)
微电解— ClO_2 催化氧化法处理毒死蜱农药废水	严文瑶	(14)
阳离子高分子絮凝剂 F2 合成及表征	裘兆蓉, 裴峻峰, 花震言, 等	(17)
炼油厂“三泥”污水中的微量油的直接测定	孙晓娟, 范洪波, 钟 玉景, 等	(20)
油田含油污泥处理工艺条件的研究	罗士平, 周国平, 张 齐	(24)
特种蜡皂化值及酸值测定方法探讨	杨基和, 季 敏, 王敬东	(27)
分子模拟方法确定十六烷的凝点	殷开梁, 夏 庆, 毛向荣, 等	(30)
邻菲罗啉分光光度法直接测定盐酸胍中微量铁	巫淼鑫	(33)
毛细管色谱法测定溶剂型木器涂料中三苯含量	杜晓刚, 杨 扬	(36)
岭参数的又一确定方法	汪明瑾	(39)
连续广义线性大系统的稳定性分析	沃松林, 邹 云	(43)
一类线性过程中的分布函数的收敛速度	阮宏顺	(47)
三相电动机极限状态参数的测量方法	何宝祥, 姚广平, 蔡小颀	(50)
CAD 技术在矩形铝板幕墙排样中的应用	吴明友, 朱灯林	(53)
分布式关系数据库架构在 AS/400 集群下的应用	郑笑峰, 马正华	(57)
JAVA 在多媒体网络课件中的应用	江一山, 王正洪, 陈 婷, 等	(61)

第 2 期

高温引发剂 DMDPB 在一步法制备 PA66/HDPE 合金中的应用	丁永红, 俞 强, 承民联	(1)
聚乙烯醇包埋固定黄孢原毛平革菌方法的探讨	李慧蓉, 尹 艳, 高云霞	(5)
甲基丙烯酸缩水甘油酯熔融接枝聚丙烯研究	高国生, 刘春林, 李 毅	(9)
超细铜基催化剂上 CO_2 加氢合成甲醇催化性能研究	朱毅青, 宗封琦, 赖梨芳, 等	(12)
生物柴油与 0 [#] 柴油调和性能研究	徐 鸽, 邬国英	(16)
二苯胺法合成 4-氨基二苯胺的工艺研究	韩国防, 杨 光, 陈 勇	(19)
有机染整废水化学需氧量的微波辐照法测定研究	孙晓娟, 王 晋, 刘安国, 等	(22)
1, 3-二 (4-硝基苯氧基) -2-丙醇结构的研究	杨 扬, 席海涛, 殷开梁, 等	(26)
氯化苄和苯甲醛联合生产装置的技术经济分析	严生虎, 张 跃, 沈介发	(29)
金属间化合物及其制备方法——1. 燃烧合成技术	刘 晓, 曹晶晶, 云 志, 等	(33)
苯蒸汽回收活性炭吸附剂的筛选研究	慕常强, 高玉明	(37)
V 带传动预紧力的精确计算	胡爱萍	(40)

连续压杆稳定性初参数法的研究	蒋学东, 李小平	(43)
液压高空作业设备中有关安全的功能设计	陈 娟, 魏东琦	(46)
一种相序判定方法分析及其实用电路	姚广平, 蔡小顾	(50)
一个静电场问题的数值计算	江兴方	(53)
管网图纸矢量化中的线条检测	李 格	(57)
流程企业的特点分析及其 ERP 实现构想	杨兴林	(61)

第 3 期

金红石型纳米 TiO_2 的制备及其屏蔽紫外线的研究	姚 超, 吴凤芹, 林西平, 等	(1)
金属间化合物及其制备方法——2 机械合金化、熔炼和熔铸、气相沉积技术	刘 晓, 曹晶晶, 云 志, 等	(5)
离子液体重要中间体的合成研究	秦绍清, 宋国强, 姚培忠	(9)
H_2O_2 固相氧化法合成氧化淀粉及微波催化	全 易, 夏天喜, 王蕴华, 等	(12)
己内酰胺技术现状	杨 光, 张 跃	(15)
卟啉及金属卟啉化合物的研究进展	黄 丹, 田 澍	(19)
同步硝化反硝化脱氮影响因素探讨	王 晋, 孙晓娟, 傅飞云	(24)
铁屑过滤—光催化氧化处理染料废水	张智宏, 宋封琦	(27)
细菌质粒 DNA 的快速提取及检测	李 亮, 蔡志强, 赵希岳	(30)
改性淀粉絮凝剂的研究	范洪波, 赵爱玲, 朱红星, 等	(32)
城市食物垃圾饲料化处理技术及制备研制	葛乐通, 施 昱, 沈惠平, 等	(36)
流体弹性诱导振动阻垢技术的研究	张锁龙, 尤侯平	(40)
一种新型解耦二腿三维平并联机构及其运动分析	沈惠平, 马正华, 金 琼, 等	(44)
基于单片微机控制的智能充电器	蔡小顾, 姚广平	(48)
用 ToolBook 研究振动合成的规律	江兴方	(51)
户式中央空调—21 世纪人居新环境	陶 丽	(54)
关于一个代数方程迭代解法的收敛性	黄清龙	(58)
QI—一环及半完备环的一个注记	赵志新	(61)
一个关于正定矩阵的不等式	汪明瑾	(63)

第 4 期

SiO_2 对金红石相纳米 TiO_2 热稳定性的影响	姚 超, 高国生, 林西平, 等	(1)
丙烯酸—醋酸乙烯二元共聚乳液的研究	杨德明	(5)
N—(4—羟基苯基) 马来酰亚胺合成研究	张东亮, 蒋必彪, 方建波, 等	(8)
成核剂对聚丙烯性能的影响	龚方红, 徐建平, 刘春林	(11)
2, 3, 4—三氟硝基苯的合成改进	高国生, 王 荣, 何 江, 等	(15)
制备生物柴油的副产物甘油分离与精制工艺的研究	邬国英, 林西平, 巫淼鑫, 等	(17)
生物柴油及其原料中水分含量的测定	巫淼鑫, 邬国英, 李 伟	(20)

用自制模拟移动床色谱分离果葡糖浆	徐以撒, 杨柳新, 徐 鸽	(22)
改性淀粉絮凝剂的研制及在含油废水中的应用	范洪波	(25)
透明颤菌的分离及鉴定	李尔炀, 史乐文	(28)
缓流水体污染物向沿岸的渗透	彭明国, 贾晓波, 李定龙	(31)
微孔过滤法处理含铜废水	沈为国, 邱 滔	(34)
从减污节水谈苏南城市节水	张凤娥, 夏文南	(36)
基于小波网络的加氢裂化反应器模型的研究	郑明方	(39)
平衡式叶片泵的低噪声定子曲线	祝海林, 葛乐通, 邹 旻	(41)
侧孔式微型传声器设计及模拟	袁宁一, 李 格, 李金华, 等	(44)
分形图的 IFS 码设计	闫玉宝	(47)
基于 PHP 的新闻发布系统	杨长春, 王叶荟	(51)
基于 ActiveX 的三维图形的传输	黄跃进	(54)
新型大块非晶合金的研究进展	蒋美萍	(57)
碳酸二甲酯—甲醇共沸物的分离方法研究进展	韩萍芳, 李 扬, 王延儒	(61)

第 15 卷终

TOTAL CONTENTS

No. 1

Study on Nitrification of Submerged Membrane Bioreactor	WANG Jin, YANG Min (1)
Study on Enzymatic Hydrolysis of Cellulose of Wheat Straw	
.....	QUAN Yi, XIA Tian-xi, LIU Hong (4)
Biodiesel Oil Preparation from Rape Oil Fouts	
.....	LI Wei-min, ZHANG Wen-feng, WU Guo-ying (7)
A Research on the Attenuation of Methamidophos and Dimethoate Pesticides	
.....	YANG Yang, LIU Bing, DU Xiao-gang, et al (11)
Study on Treatment for Wastewater from Production of Chlorpyrifos by Micro-electrolysis/ ClO_2 Catalytic Oxidation Process	YAN Wen-yao (14)
Synthesis and Characteristics of Cation Polymeric Flocculant F2	
.....	QIU Zhao-rong, PEI Jun-feng, HUA Zhen-yan, et al (17)
The Determination of Trace Oil in Refinery Draining Wastewater by Second-order Derivative Ultraviolet Spectrophotometry	SUN Xiao-juan, FAN Hong-bo, ZHONG Jing, et al (20)
Study on Process Conditions of Treatment of Petroleum-contaminated Soil	
.....	LUO Shi-ping, ZHOU Guo-ping, ZHANG QI (24)
Measuring the Saponification-number and Acid-number of Special-Wax	
.....	YANG Ji-he, JI Min, WANG Jing-dong (27)
Determination of Solidification Point of Hexadecanes by Molecular Simulation	
.....	YIN Kai-liang, XIA Qing, MIAO Xiang-rong, et al (30)
Spectrophotometric Determination of Micro Amount Iron in Guanidine Hydrochloride with 1, 10-Phenanthroline	WU Miao-xin (33)
Determination of Benzene, Toluene and Xylene of Paint Using GC with Capillary Column	
.....	DU Xiao-gang, YANG Yang (36)
Another Method to Determine the Ridge Parameter in Ridge Regression	WANG Ming-jin (39)
Stability Analysis of Singular Continuous Linear Large-scale Systems	
.....	WO Song-lin, ZOU Yun (43)
Rate of Convergence for the Distribution Function of a Broad Class of Linear Processes	
.....	RUAN Hong-shun (47)
The Method to Measure Limit State Parameters of the Motor	
.....	HE Bao-xiang, YAO Guang-ping, CAI Xiao-qi (50)
Application of CAD in the Layout of the Rectangle Aluminium Coating Wall Plate	
.....	WU Ming-you, ZHU Deng-Lin (53)
The Application of Distributed Relational Database Architecture in AS/400 Cluster Environment	
.....	ZHENG Xiao-feng, MA Zheng-hua (57)

Application of JAVA in Multimedia Netware Courseware	
..... JIANG Yi-shan, WANG Zheng-hong, CHEN Ting, et al (61)	
No. 2	
Application of High Temperature Initiator DMDPB in the Preparation of PA66/HDPE Alloy Prepared in One-step	DING Yong-hong, YU Qiang, CHENG Min-lian (1)
Probing of the Entrapment Method for <i>Phanerochaete chrysosporium</i> with PVA	
..... LI Hui-rong, YIN Yan, GAO Yun-xia (5)	
Study on the Melt Grafting Synthesis of Polypropylene-g-Glycidyl Methacrylate	
..... GAO Guo-sheng, LIU Chun-lin, LI Yi (9)	
Study on Ultrafine Copper Catalysts for Methanol Synthesis from CO ₂ and H ₂	
..... ZHU Yi-qing, ZONG Feng-qi, LAI Li-fang, et al (12)	
The Investigation of Blending Properties of Biodiesel and No. 0 Diesel Fuel	
..... XU Ge, WU Guo-ying (16)	
Study on the Synthetic Technology of 4-Aminodiphenylamine from Diphenylamine	
..... HAN guo-fang, YANG Guang, CHEN Yong (19)	
Study on Determination Method for COD _{cr} in Organic Coloring Reagent Wastewater for Dyeing and Trimming Cloth by Microwave Radiation	SUN Xiao-juan, WANG Jing, LIU An-guo, et al (22)
The Study of Structure of 1, 3-Bis (4-Nitrophenoxy) -2-Propylalcohol Using NMR and Molecular Modeling	YANG Yang, XI Hai-tao, YIN Kai-liang, et al (26)
Techno-economic Analysis of Joint Production of Benzyl Chloride and Benzaldehyde	
..... YAN Sheng-hu, ZHANG Yue, SHEN Jie-fa (29)	
Intermetallic Compounds and their Preparations —— 1. Combustion Synthesis Technique	
..... LIU Xiao, CAO Jing-jing, YUN Zhi, et al (33)	
Study on the Selection of Activated Carbon Adsorbents for Recovering of Benzene Vapor	
..... MU Chang-qiang, GAO Yu-ming (37)	
Accurate Calculation for the Advance Tension of V-belt Drive	HU Ai-ping (40)
Research on the Stability of Continous Section Press Pole	JIANG Xue-dong, LI Xiao-ping (43)
Function Design on Safety of Hydraulic High-altitude Operation Equipment	
..... CHENG Juan, WEI Dong-qi (46)	
Analysis of Unbalance Three-phase Circuit and a Practical Circuit for Judging Phase Sequence	
..... YAO Guang-ping, CAI Xiao-qi (50)	
Numerical Calculation of an Electrostatic Field Problem	JIANG Xing-fang (53)
Line Orientation in Engineering Drawing Vectorization	LI Ge (57)
The Features Analysis and its Implementation of ERP in Flow Process Enterprise	
..... YANG Xin-lin (61)	

No. 3

- Study on Preparation and UV-ray Shielding Property of Nanosized TiO_2 in the Rutile Phase YAO Chao, WU Feng-qin, LIN Xi-ping, et al (1)
- Intermetallic Compounds and their Preparations —— 2. Mechanical Alloying, Melting and Casting Technology and Vapor Deposition LIU Xiao, CAO Jing-jing, YUN Zhi, et al (5)
- Study on Preparation of Important Ionic Liquid Intermediates QIN Shao-qing, SONG Guo-qiang, YAO Pei-zhong (9)
- Oxidized Starch Synthesized Using H_2O_2 as Oxidizer in Dry Process and Microwave Catalysis QUAN Yi, XIA Tian-xi, WANG Yun-hua, et al (12)
- The Current Situation of Caprolactam Technologies YANG Guang, ZHANG Yue (15)
- The Research Development of Porphyrins and Metalloporphyrins HUANG Dan, TIAN Shu (19)
- Study on Influencing Factors of Nitrogen Removal by Simultaneous Nitrification and Denitrification WANG Jin, SUN Xiao-juan, FU Fei-yun (24)
- Treatment of Dye Wastewater with Iron Chips Filtration—photocatalytic Degradation Process ZHANG Zhi-hong, ZONG Feng-qi (27)
- A Simple and Rapid Method for Extraction of Plasmid DNA and its Detection LI Liang, CAI Zhi-qiang, ZHAO Xi-yue (30)
- Study of Modified Starch Flocculant FAN Hong-bo, ZHAO Ai-ling, ZHU Hong-xing, et al (32)
- The Technology and Equipment for Changing from Food-waste to Animals-feed GE Le-tong, SHI Yue, SHEN Hui-ping, et al (36)
- The Research Anti-fouling Technology of Flow Induced Vibration in Tube ZHANG Suo-long, YOU Hou-ping (40)
- A Novel Decoupled 2-Limb 3-Translation Parallel Mechanism and its Kinematic Analysis SHEN Hui-ping, MA Zhen-hua, JIN Qiong, et al (44)
- An Intelligent Charger Based upon Single Chip Micro-Computer CAI Xiao-qi, YAO Guang-ping (48)
- Discussing the Law of Synthesized Vibration with ToolBook JIANG Xing-fang (51)
- House Central Air-conditioning—the New Living Environment in 21st Century TAO Li (54)
- On the Convergence of an Iterative Method for Algebraic Equations HUANG Qing-long (58)
- Remark on QI-ring and Semiperfect Ring ZHAO Zhi-xin (61)
- An Inequality about Positive Matrix WANG Ming-jin (63)

No. 4

- Effect of Silica Dioxide on the Thermal Stability of Nanosized Titanium Dioxide in the Rutile Phase YAO Chao, GAO Guo-sheng, LIN Xi-ping, et al (1)
- Study on the Emulsion Polymerization of Acroleic Acid-Vinyl Acetate YANG De-ming (5)

Study on the Synthesis of N— (4—hydroxyphenyl) Maleimide	
..... ZHANG Dong—liang, JIANG Bi—biao, FANG Jian—bo, et al (8)	
Effect of Nuclear Agents on Properties of Polypropylene	
..... GONG Fang—hong, XU Jian—ping, LIU Chun—lin (11)	
Improvement of Synthesis of 2, 3, 4—Trifluoronitrobenzene	
..... GAO Guo—sheng, WANG Rong, HE Jiang, et al (15)	
Study on the Recovery and Refining Technology of Glycerol from the By—product of Transesterification of Rapeseed Oil with Methanol	
..... WU Guo—ying, LIN Xi—ping, WU Miao—xin, et al (17)	
Determination of Water Content in Biodiesel Fuels and their Raw Materials	
..... WU Miao—xin, WU Guo—ying, LI Wei (20)	
Chromatographic Separation of Fructose—glucose Syrup Using a Self—built Simulated Moving Bed Equipment	
..... XU Yi—sa, YANG Liu—xin, XU Ge (22)	
Synthesis of a Corn Starch Modified Flocculants and its Application in Treatment of Oil Wastewater	
..... FAN Hong—bo (25)	
Isolation and Identification of <i>Vitreoscilla</i> sp.	LI Er—yang, SHI Le—wen (28)
Percolation of Polluted Materials of Slow Flow Water Body	
..... PENG Ming—guo, JIA Xiao—bo, LI Ding—long (31)	
Treatment of Wastewater Containing Cu^{2+} by Micropore Filter Technology	
..... SHEN Wei—guo, QIU Tao (34)	
On Urban Economizing on Water in Southern Jiangsu from the Integration of Reducing Pollution and Economizing on Water	
..... ZHANG Feng—e (36)	
Study of Wavelet Network Model for Catalytic Hydrogen	ZHENG Ming—fang (39)
Low Noise Stator Curve for Balanced Vane Pumps	ZHU Hai—lin, GE Le—tong, ZOU Min (41)
Design and Simulation of the Microphone with Side—holes	
..... YUAN Ning—yi, LI Ge, LI Jin—hua, et al (44)	
Parameter Design of IFS in Fractal	YAN Yu—bao (47)
System of News Dynamic Website Based on PHP	YANG Chang—chun, WANG Ye—hui (51)
Translation of 3D Graphics Based on ActiveX	HUANG Yue—jin (54)
Recent Development of Novel Bulk Amorphous Alloys	JIANG Mei—ping (57)
Development in Separation of Dimethyl Carbonate—methanol Azeotrope	
..... HAN Ping—fang, LI Yang, WANG Yan—ru (61)	

The End Volume 15