工艺技术

间歇式加压技术快速脱制干皮蛋工艺研究 .................................. 孙 静等(1)
震惊膜过滤法分离纯化葡萄籽原花青素 .................................. 卢俊文等(7)
微波辅助提取猪皮胶原蛋白工艺优化 .................................. 李兴武等(11)
发酵剂对双蛋白干酪理化特性及风味的影响 ................................ 李 丽等(15)
微波和超声波提取脐橙皮渣总黄酮工艺条件优化 .......................... 尹 波等(19)
微波辅助提取银杏叶多糖工艺及其

体外抗氧化活性研究 ....................................................... 陈义勇等(24)
牛骨胶原蛋白中成风味肽组分的分离纯化及成分研究 299 张建亮等(29)
大孔吸附树脂纯化石蒜蘑菇中的加兰他敏 .............................. 李 霞等(33)
响应面优化黑果枸杞洗渣多糖提取工艺 ................................ 马玉娟等(37)
淡水鱼下脚料酶解液制风味调味汁 ....................................... 姚 洁等(44)
微波协同酶法提取玉米皮中的黄色素 .................................... 陈 红等(50)

用于酶热发酵器的酶标化胶皮农药的制备 ...... Nguyen Van-luc 54
罗非鱼尾胶原蛋白的提取与鉴定 ......................................... 段宏伟等(59)
谷氨酰胺转胺酶在奶酪制作中的应用 ................................. 马 玲等(65)
大燕淀粉的复合酶法改性工艺优化 ................................... 黄守耀等(69)

预处理对杏鲍菇脆片品质的影响 ....................................... 严启梅等(74)
植物甾醇酯的脂肪酶促转化合成及其分析表征 ........................... 姜绍通等(78)
大孔树脂分离纯化粘性红冬桃酶/卵 白- 胡萝卜素 .......................... 刘金辉等(83)
微波预处理水酶法提取茶叶籽油工艺优化 ................................ 陈德经(87)
响应面优化啤酒酵母液中 β,1-3- 聚糖提取工艺 ........................... 张桂香等(92)

大豆分离蛋白可食膜的生产工艺及性能表征 ........................... 张慧彬等(100)
不同造型工艺对闽南乌龙茶品质的影响 ............................... 郝志龙等(105)

大孔吸附树脂分离纯化蛹虫草固体

培养基中虫草素工艺 ....................................................... 胡 瑾等(110)
超声波辅助法提取石榴皮中总多酚工艺 .......................... 房玉林等(115)
响应曲面法优化酸法魔芋葡甘露聚糖水解工艺 .................. 罗洁楠等(119)
酸碱法提取鲍鱼肌肉蛋白的胶凝特性 .......................... 孙月娥等(123)
大孔吸附树脂脱除洋葱多糖色素技术研究 .................. 徐怀等(127)

分析检测

小鼠血浆中槲皮素脂溶性及水溶性代谢 .......................... 许春芳等(132)
基于气味指纹预测养殖大黄鱼 .......................... 侯巧娟等(137)
贮藏过程中的品质变化 .......................... 刘应华等(143)
pH 值和缓冲剂对抗坏血酸-半胱氨酸模式 .......................... 刘应华等(143)
反应形成香味化合物的影响 .......................... 刘应华等(143)
非离子表面活性剂萃取 - 高效液相色谱法测定 .......................... 刘应华等(143)

非洲猪瘟病毒基因同源性分析和病毒基因分型 .................. 赖剑波(162)

低场核磁共振技术检测煎炸油品质 .......................... 王永军等(171)

超高效液相色谱 - 串联四级杆质谱法快速 .......................... 谢利等(177)

筛选食品中的 45 种工业染料 .......................... 路勇等(176)

气相色谱 - 质谱法分析比较牛栏山牌清香型 .......................... 谢利等(177)

二锅头酒和浓香型白酒中的香味成分 .......................... 郑永红等(181)
基于紫外光谱的花生油掺伪检测 .......................... 杨晨等(186)
青橄榄拉毛脂肪酸组成的气相色谱 - 质谱分析 .......................... 皮立(190)

三片食品罐头外壁涂膜中有害物质向内涂的迁移 .......................... 刘海波等(194)

金针菇中 6 种拟除虫菊酯类农药残留的测定 .......................... 樊红等(199)
基于机器人视觉的皮蛋斑点检测和最佳生产配方研究 … 乐立强等(203)
基质辅助激光解吸电离飞行时间质谱在
李斯特菌检测和鉴定中的应用 ·················· 龚艳清等(209)
气相色谱柱前衍生化测定竹叶多糖
超临界CO₂提取物 ································ 任美玲等(215)
早熟梨果实不同成熟阶段的香气组成 ·········· 张改花等(220)
固相微萃取 - 气质联用检测鸭蛋中挥发性风味成分 ······· 张 音等(225)

包装卫生

聚乙烯醇基涂膜材料纳米SiO₂改性对其
成膜包装效能特性的影响 ···························· 龚艳清等(232)
蜂王浆室温储存过程中的褐变产物 ·················· 刘 虹等(238)
不同气体净化气调包装对鸡蛋保鲜效果的影响 ·········· 刘庆玉等(242)
纳米包装及急冷处理对绿茶保鲜品质的影响 ··········· 林 津等(247)
正已醇处理对桑葚采后生理与抗氧化酶的影响 ········· 霍宪超(252)
乳酸菌生物素和超高压联合处理对低温切片
火腿的防腐保鲜效果 ································ 刘国强等(256)
不同贮藏温度托盘包装冷鲜猪肉的品质变化 ··········· 姚先群等(264)
利用不同化学方法处理水蜜桃保鲜效果的对比研究 ······· 刘成民等(269)
不同涂膜剂对皮蛋保质效果的影响 ··················· 胡 杰等(274)
3 种处理方式对冬枣货架期品质的影响 ·················· 吴 杰等(278)
中草药提取液对鲜切西兰花保鲜效果的影响 ············ 孙树杰等(283)
冷藏温度对河豚鱼微生物及品质特性的影响 ············ 马 帆等(288)
热处理对鲜切哈密瓜品质及其微生物的影响 ············ 童海元等(293)

技术应用

膜技术在黑米花青苷色素脱脂和浓缩中的应用 ········· 韩 豪等(297)
Contents

FOOD

2012 Vol.33 No.06

Optimization of Quick Curing Process for Preserved Egg by Intermittent Pressurization ........................................ Sun Jing et al.(1)
Separation and Purification of Proanthocyanidin from Grape Seeds by Vibratory Shear Enhanced Membrane Filtration .......... Lu Junwen et al.(7)
Optimization of Microwave-assisted Extraction Process for Collagen from Pigskin .............................................. Li Xingwu et al.(11)
Physico-chemical Characteristics and Flavor of Dual-protein Cheese Prepared with Different Starters ........................... Li Li et al.(15)
Process Optimization for Microwave-assisted and Ultrasonic-assisted Extraction of Total Flavonoids from Navel Orange Residue (Left over from Juicing) ......................................... Yin Bo et al.(19)
Optimization of Microwave-assisted Extraction Process for Polysaccharides from Leaves and Anti-oxidant Activity ........................................ Chen Yiyong et al.(24)
Isolation, Purification and Composition Analysis of Salty Peptides from Enzymolyzed Bovine Bone ...................... Zhang Shunliang et al.(29)
Purification of Galanthamine from Bulbs by Macroporous Resin Adsorption .................................................. Li Xia et al.(33)
Preparation of Flavorful Sauce from Freshwater Fish By-products by Enzymatic Hydrolysis and then Fermentation ............... Yao Fang et al.(44)
Cellulase Hydrolysis Followed by Microwave Treatment for Yellow Pigment Extraction from Corn Bran ..................... Chen Hong et al.(50)
Preparation of Enzyme-Labeled Methamidophos for Application in Enzyme Thermal Sensor ................................... Nguyen Vanluc et al.(54)
Extraction and Identification of Collagen from Tilapia Tail .......... Duan Zhouwei et al.(59)
Optimization of Transglutaminase Hydrolysis in the Preparation of Cheese ......................................................... Ma Ling et al.(65)
Optimization of Double-Enzymatic Modification of Plantain Starch ................................................................. Huang Shouyao et al.(69)
Effect of Pretreatments on the Quality of Chips ..................... Y. Q. Mei et al.(74)
Lipase-Catalyzed Synthesis and Characterization of Phytosterol Esters ............................................................ Jiang Shuotong et al.(78)
Isolation and Purification of -Carotene from by Macroporous Resin Adsorption ......................................... Liu Huilin et al.(83)
Optimization of Microwave Pretreatment Followed by Aqueous Enzymatic Extraction of Tea Seed Oil ....................... Chen Dejing (87)
Optimization of Extraction Process for -1,3-Glucan from Yeast Paste by Response Surface Methodology ......................... Zhang Guixiang et al.(92)
Effect of Pretreatments on the Quality of Soy Protein Isolate Edible Film .......................................................... Zhang Yunbin et al.(100)
Preparation and Performance Characterization of Soy Protein Isolate Edible Film ................................................... Qian Senhe et al.(96)
Effect of Modeling Methods on the Quality of Southern Fujian Oolong Tea .......................................................... Hao Zhilong et al.(105)
Separation and Purification of Cordycepin from Spent Solid Culture Medium after Harvesting ............................. Hu Xia et al.(110)
Ultrasonic-Assisted Extraction of Total Polyphenols from Pomegranate Peels ..................................................... Fang Yulin et al.(115)
Optimization of Acid Hydrolysis of Konjac Glucomannan by Response Surface Methodology ........................................ Luo Qingnan et al.(119)
Gel Properties of pH-Shift Isolated Proteins from Silver Carp Muscle ................................................................. Sun Yue'e et al.(123)
Using Macroporous Resin AB-8 for Pigment Removal from Onion Polysaccharides .............................................. Xu Huai et al.(127)
Separation and Determination of Lipid-Soluble and Water-Soluble Metabolites of Quercetin in Mouse Plasma .......... Xu Chunlian et al.(132)
Quality Prediction of Cultured Large Yellow Croaker during Chilled Storage Using Odor Fingerprint Technology Based on Electronic Nose .......................................................... Hou Qiaojuan et al.(137)
Effect of pH and Buffer on Aroma Compound Generation from Model Reaction of Ascorbic Acid with Cysteine .......................................................... Liu Yingxuan et al.(143)
Simultaneous Determination of Chlorogenic Acid, Quercetin and Kaempferol in Loquat Leaves by Non-ionic Surfactant Extraction Solvent Followed by High Performance Liquid Chromatography ................................................... Zhang Lixian et al.(150)
A Comparative Study on LC-MS/MS Determination of Sulfonamide Residues in Hen's Eggs Based on Different Sample Pretreatments .................................................... Zhong Ziqing et al.(154)
Fat Characteristics of Fat-Tailed Sheep from Xinjiang ................................. Liu Chengjiang et al.(159)
Ultraviolet Spectral Fingerprint Characteristics of Xiangxi Natural Savory Vinegar ..................................................... Jiang Jian et al.(162)
Extraction, Separation and Content Determination of Pinosesinol Diglucoside in Eucommia Leaves .......................... Zheng Xue et al.(166)
Application of Low-Field Nuclear Magnetic Resonance (LF-NMR) to Analyze Frying Oil Quality ........................... Wang Yongwei et al.(171)
Rapid Screening of 45 Industrial Dyes in Foods by Ultra Performance Liquid Chromatography .................................. Lu Yong et al.(176)
Comparison of Aroma Compounds in Mild Aromatic Niulanshan “Ergouotou” Liquor and Strong Aromatic Niulanshan Liquor by GC-MS .......................................................... Liu Yonghong et al.(181)
Ultraviolet Absorption Spectroscopy for the Detection of Adulteration in Peanut Oil .................................................. Yang Chen et al.(186)
GC-MS Analysis of Muscle Fatty Acid Composition of Oula Sheep Living in Qinghai Province .................................... Pi Li et al.(190)
Migration of Hazardous Substance Residues in the External Coating of Three-Piece Food Cans ............................... Liu Hai et al.(194)
Multiresidue Determination of 6 Pyrethroid Pesticides in .................................................. Fan Zhongchen et al.(199)
Detection of Spots on Surface of Preserved Egg and Optimal Preserved Formula Based on Machine Vision ............ Le Liqiang et al.(203)
Detection and Identification of Species by Matrix-assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry .......................................................... Gong Yanqing et al.(209)
Supercritical CO2 Fluid Extraction and Pre-column Derivatization GC Analysis of Polysaccharides
Bamboo Leaf Polysaccharides in a Static-dynamic Mode .................................................. Ren Meiling et al.(215)
Aromatic Composition of Early-maturity Pears in Different Maturity Stages .............................................................. Qin Gaihua et al.(220)
Analysis of Volatile Compounds in Duck Soup by SPME-GC-MS .......................................................... Zhang Yin et al.(225)
Effect of PVA-Based Coating Material Modified by Nano-SiO2 on Properties of Film-forming Package .............. Lei Yanxiang et al.(232)
Browning Products of Royal Jelly during Storage at Room Temperature .............................................................. Liu Juan et al.(238)
Effect of Modified Atmosphere Package with Different Gas Components on Egg Preservation ........................... Liu Mei et al.(242)
Effect of Nano-packaging Material and Sharp Quenching Treatment on Preservative Quality of Green Tea .......... Lin Jin et al.(247)
Effect of 1-Hexanol Treatment on Physiology and Antioxidant Enzymes of Post-harvest Mulberry Fruits ......... Huo Xianqi(252)
Combinatorial Preservative Effect of Bacteriocin and High Hydrostatic Pressure on Refrigerated Sliced Vacuum-packaged Cooked Ham .......................................................... Liu Guorong et al.(256)
Chilled Pork Quality Change in Pallet Package at Different Storage Temperatures .................................................... Yuan Xianqun et al.(264)
Effects of Different Chemical Treatment Methods on Water Peach Preservation .................................................. Gang Chengchong et al.(269)
Preservative Effect of Different Coatings on Preserved Eggs .................................................. Hu Jie et al.(274)
Effects of Different Treatments on Storage Quality of Dong Jujube Fruits during Shelf-life Period .......................... Wu Jie et al.(278)
Effect of Chinese Herbal Extract on Fresh-keeping of Broccoli .......................................................... Sun Shujie et al.(283)
Effect of Temperature on Microbiological and Quality Properties of Puffer Fish during Cold Storage ............... Ma Yan et al.(288)
Effects of Heat Treatment on Microorganism Contamination and Quality of Fresh-cut Hami Melon .......... Qin Haiyuan et al.(293)
Application of Membrane Technique in Production of Anthocyanins from Black Rice ......................................... Han Hao et al.(297)