

# 中国调味品

Zhongguo Tiaoweipin  
(月刊, 1976年创刊)

第46卷 第2期 (总第504期) 2021年2月

China Condiment

(Monthly, Started in 1976)  
Vol.46 No.2 (Sum No.504) Feb. 2021

## 目 次 Contents

### ·基础研究·

超高压处理不同水产品的感官品质变化研究	陈林昀 等(1)
Study on Sensory Quality Changes of Different Aquatic Products Treated with Ultra-high Pressure	Chen Linyun et al.
甜面酱中挥发性风味物质及游离氨基酸分析	左勇 等(8)
Analysis of Volatile Flavor Components and Free Amino Acids in Sweet Soybean Paste	Zuo Yong et al.
响应面法优化鲜辣香菇酱加工工艺	刘馥源 等(13)
Optimization of Processing Technology of Fresh and Spicy Mushroom Sauce by Response Surface Methodology	Liu Fuyuan et al.
酪蛋白-羧甲基壳聚糖美拉德产物的制备及表征	魏玉娇 等(19)
Preparation and Characterization of Casein-Carboxymethyl Chitosan Maillard Products	Wei Yujiao et al.
奶酪中高产β-半乳糖苷酶菌株的筛选及发酵条件的优化	黄倩 等(23)
Screening of High-yield β-Galactosidase Strains in Cheese and Optimization of Fermentation Conditions	Huang Qian et al.
盐渍处理对洋葱挥发性风味物质的影响及其机制研究	黄俊僮 等(31)
Effect of Salting Treatment on Volatile Flavor Compounds of Onion and the Mechanism	Huang Juntong et al.
两种天然防腐剂对单增李斯特菌抑菌性的研究	张鑫 等(37)
Study on the Antimicrobial Activity of Two Natural Preservatives on Listeria monocytogenes	Zhang Xin et al.
基于感官评价结合理化指标分析低温慢煮过程中鸡胸肉品质变化	刘树萍 等(40)
Analysis of the Changes of Chicken Breast Quality During the Process of Low Temperature and Slow Cooking Based on Sensory Evaluation and Physicochemical Indexes	Liu Shuping et al.
四川泸州6种香椿质构特性和氨基酸组成分析	余佳熹 等(46)
Analysis of Texture Characteristics and Free Amino Acids Composition of Six Species of <i>Toona sinensis</i> in Luzhou, Sichuan Province	Yu Jiaxi et al.
草果提取物对大肠杆菌和沙门氏菌抑菌机理研究	唐志凌 等(50)
The Antimicrobial Mechanisms of <i>Amomum tsao-ko</i> Extracts Against <i>Escherichia coli</i> and <i>Salmonella typhimurium</i>	Tang Zhiling et al.
风味蟹肉酱货架期的动力学预测研究	吴浩然 等(55)
Research on the Kinetic Prediction of Shelf Life of Flavor Crab Sauce	Wu Haoran et al.
多种蔬菜中β-胡萝卜素含量测定及油脂烹制作用	王钊 等(61)
Determination of β-Carotene Content in Various Vegetables and Its Oil Cooking Effect	Wang Zhao et al.
固定化醋酸菌发酵载体对芒果醋品质影响	胡秦佳宝 等(65)
Effect of Immobilized Acetobacter on the Quality of Mango Vinegar with Different Fermentation Carriers	Hu Qin Jiabao et al.
不同品种猕猴桃籽油脂肪酸组成的PCA分析	李可 等(70)
PCA Analysis of Fatty Acid Composition of Kiwi Seed Oils with Different Varieties	Li Ke et al.
不同提取方法对沙棘蛋白品质的影响	李家炜 等(75)
Effects of Different Extraction Methods on the Quality of Sea Buckthorn Protein	Li Jiawei et al.

### ·技术研发·

大蒜素的提取及抑菌效果研究	刘丽珍 等(79)
Study on the Extraction and Bacteriostatic Effect of Allicin	Liu Lizhen et al.

洋槐花酱的研制及工艺优化 .....	张璐(83)
Development and Process Optimization of Acacia Flower Sauce .....	Zhang Lu
大豆糖蜜制备调味液基料的技术研究 .....	李琰(89)
Study on the Preparation Technology of Seasoning Liquid Basic Material of Soybean Molasses .....	Li Yan
基于模糊数学综合评价法优化椒麻鸡片调理食品的开发 .....	毕继才等(93)
Optimization of Prepared Food of Chicken Slices with Pepper Based on Fuzzy Mathematics Compound Evaluation Method .....	Bi Jicai et al.
谷氨酸浓度在线监测系统递阶遗传算法研究 .....	陈运军等(97)
Study on Hierarchical Genetic Algorithm of Glutamate Concentration On-line Monitoring System .....	Chen Yunjun et al.
模糊数学分析下的萝卜干酱腌菜工艺改进研究 .....	杨旭(102)
Research on Technology Improvement of Dried Radish Pickles Based on Fuzzy Mathematics Analysis .....	Yang Xu
山楂枸杞胡萝卜果蔬酱的研制 .....	杨巍巍等(105)
Development of Hawthorn, Wolfberry and Carrot Jam .....	Yang Weiwei et al.
四川大头菜调味肉酱的开发研究 .....	张长贵等(108)
Development and Research of Sichuan Kohlrabi Seasoning Meat Sauce .....	Zhang Changgui et al.
面食生产过程中酵母发酵特性对比分析 .....	邢文君(113)
Comparative Analysis of Yeast Fermentation Characteristics in the Production Process of Food Made of Flour .....	Xing Wenjun
快速计算食用盐中氯化钠结果方法的建立 .....	岳超等(116)
Establishment of Rapid Calculation Method for Determination Results of Sodium Chloride in Edible Salt .....	Yue Chao et al.
复合食用菌功能醋的研制 .....	萧晋川等(118)
Preparation of Compound Edible Fungi Functional Vinegar .....	Xiao Jinchuan et al.
酿造型榨菜酱油生产线及成套设备研制 .....	李杨等(122)
Development of Production Line and Complete Equipment for Fermented Tuber Mustard Soy Sauce .....	Li Yang et al.

**·分析检测·**

基于菜谱的中国 8 大菜系能量及营养素分析 .....	赵文芝等(126)
Analysis of Energy and Nutrients of Chinese Eight Cuisines Based on Cookbook .....	Zhao Wenzhi et al.
川菜菜品味感感官分析研究 .....	范茜等(132)
Sensory Analysis of Taste of Sichuan Cuisines .....	Fan Xi et al.
芫荽籽挥发性成分的分析研究 .....	张蓓等(139)
Analysis of Volatile Components in Coriandrum sativum L. Seeds .....	Zhang Bei et al.
全二维气相色谱-四级杆飞行时间质谱对不同产地砂仁挥发油成分的分析 .....	陈啸天等(142)
Analysis of Volatile Oil Components in Amomum villosum from Different Producing Areas by Full Two-dimensional Gas Chromatography-Quadrupole Time-of-Flight Mass Spectrometry .....	Chen Xiaotian et al.

**·食品添加剂·**

石榴皮多酚超声波-微波协同提取技术 .....	刘焕云等(149)
Ultrasonic-Microwave Assisted Extraction of Polyphenols from Pomegranate Peel .....	Liu Huanyun et al.
海藻糖对三种淀粉理化性质的影响 .....	金娃等(152)
Effects of Trehalose on Physical and Chemical Properties of Three Starches .....	Jin Wa et al.
正交实验结合遗传算法提取辣椒红色素 .....	邵萍萍(156)
Study on Extraction of Capsicum Red Pigment with Orthogonal Experiment and Genetic Algorithm .....	Shao Pingping
响应面设计的紫甘蓝花色苷色素提取技术研究 .....	卢珊(159)
Study on the Extraction Technology of Anthocyanin Pigments from Purple Cabbage by Response Surface Design .....	Lu Shan
国内外香辛料法规对比及主要问题分析 .....	王家祺等(163)
Comparison of Domestic and Foreign Spices Regulations and Analysis of Main Problems .....	Wang Jiaqi et al.

**·专论综述·**

复合调味料鸡精质量的食品安全风险分析与监管对策研究 .....	王冀宁等(170)
Study on Food Safety Risk Analysis and Regulatory Countermeasures of Chicken Essence Quality of Compound Seasoning .....	Wang Jining et al.
鱼露发酵技术及风味研究进展 .....	白妞妞等(175)
Research Progress on Fermentation Technology and Flavor of Fish Sauce .....	Bai Niuniu et al.
功能性低聚糖的研究进展及应用现状 .....	邹月等(180)
Research Progress and Application Status of Functional Oligosaccharides .....	Zou Yue et al.
酪丁酸梭菌发酵产丁酸研究进展 .....	衡文等(186)
Research Progress on the Production of Butyric Acid by Clostridium tyrobutyricum Fermentation .....	Heng Wen et al.
我国北方草原地区食羊文化及其域外元素中香料的使用 .....	张楠等(191)
Mutton Eating Culture in the Grassland Regions of Northern China and the Use of Spices in Extraterritorial Elements .....	Zhang Nan et al.
复合调味料中霉菌毒素的风险控制 .....	王奇等(196)
Risk Control of Mycotoxins in Compound Seasonings .....	Wang Qi et al.