

中文核心期刊
中国科技核心期刊
CSCD核心库来源期刊

ISSN 1005-9873
CN 31-1683/S

Vol.22 No. 1 2015

食用菌学报

ACTA EDULIS FUNGI



上海市农业科学院食用菌研究所

主办

中国农学会

Sponsored by the Institute of Edible Fungi, Shanghai Academy of Agricultural Sciences (SAAS)
China Association of Agricultural Science Societies

食用菌学报

SHI YONG JUN XUE BAO

ACTA EDULIS FUNGI

第 22 卷 第 1 期

Vol. 22 No. 1

[期刊基本参数]CN31-1683/S * 1994 * q * A4 * 88 * zh+en * P * ¥15.00 * 800 * 15 * 2015-03

目 次

CONTENTS

- 草菇泰国 1 号菌株交配型 *A* 因子分子遗传学及生物信息学解析 汪 虹, 陈明杰, 冯爱萍, 谭 琦, 鲍大鹏 (1)
Molecular Genetics and Bioinformatic Analysis of Mating Type *A* Factor of *Volvariella volvacea* a Strain
No. 1 Thailand WANG Hong, CHEN Mingjie, FENG Aiping, TAN Qi, BAO Dapeng (7)
- 草菇多糖单加氧酶基因 *Vv-lpmo1* 的序列分析及其表达规律 陶永新, 黄千慧, 陈仁良, 谢 斌, 连玲丹, 张 磊, 丁宇斯, 江玉姬, 谢宝贵 (8)
Sequence Characterization and Expression Pattern of Lytic Polysaccharide Monooxygenase
Encoding Gene (*Vv-lpmo1*) in *Volvariella volvacea* TAO Yongxin, HUANG Qianhui, CHEN Renliang, XIE Bin, LIAN Lingdan,
ZHANG Lei, DING Yusi, JIANG Yuji, XIE Baogui (14)
- 糙皮侧耳子实体发育相关基因 *fst3* 的克隆及分析 申进文, 梁思思, 邱立友, 戚元成 (15)
Cloning and Expression of a *fst3* Gene from *Pleurotus ostreatus* SHEN Jinwen, LIANG Sisi, QIU Liyou, QI Yuancheng (20)
- 基于 SRAP 的松茸与假松茸特异性分子标记 兰 西, 全雪丽, 金美玉, 吴松权 (21)
Development of Molecular Markers to Distinguish Between *Tricholoma matsutake* and
T. bakamatsutake LAN Xi, QUAN Xueli, JIN Meiyu, WU Songquan (25)
- 姬松茸不同品种间的差异比较 陈 芬, 赵晓燕, 邢增涛, 雷萍, 倪苗娟 (26)
Levels of Selected Components in Fruit Bodies of Four *Agaricus blazei* Strains CHEN Fen, ZHAO Xiaoyan, XING Zengtao, LEI Ping, NI Miaojuan (29)
- 不同生长调节剂对桦纤孔菌生长的影响 郭晓帆, 朴钟云, 陈艳秋, 赵 丽 (30)
Effect of Three Plant Growth Regulators on *Inonotus obliquus* Mycelial Growth, Sclerotium Formation
and Cellulase Production GUO Xiaofan, PIAO Zhongyun, CHEN Yanqiu, ZHAO Li (33)
- 中华夏块菌及其生态学研究 张介平, 刘培贵 (34)
Ecological Features Associated with *Tuber sinoaestivum* ZHANG Jieping, LIU Peigui (40)

- 蛹虫草固态发酵人参产物的有效成分含量测定 …… 闫梅霞, 张 瑞, 逢世峰, 胡清秀, 曲正义, 王英平 (41)
Putative Bioactive Compounds in *Cordyceps militaris*-Fermented Ginseng Root, Cultured
C. militaris Fruit Bodies and in the Spent Culture Medium
…… YAN Meixia, ZHANG Rui, PANG Shifeng, HU Qingxiu, QU Zhengyi, WANG Yingping (45)
- 不同提取方法对桑黄胞内多糖理化性质的影响 …… 周慧吉, 马海乐, 郭丹钊, 王振斌 (47)
Effect of Extraction Method on the Physicochemical Properties of Intracellular Polysaccharides from
Phellinusigniarius Mycelium …… ZHOU Huiji, MA Haile, GUO Danzhao, WANG Zhenbin (50)
- 脱脂灵芝孢子粉多糖的提取及膜分离工艺研究 …… 朱忠敏, 周岩飞, 李 畔, 吴长辉, 姚渭溪 (51)
Optimization of Polysaccharide Extraction from Defatted *Ganoderma lucidum* Spores and Membrane
Fractionation of Aqueous Extracts
…… ZHU Zhongmin, ZHOU Yanfei, LI Ye, WU Changhui, YAO Weixi (54)
- CHO 细胞源性二肽基肽酶 IV 抑制剂筛选模型的建立及食药用菌活性提取物筛选
…… 张 超, 杨 炜, 汪雯翰, 樊 华, 颜梦秋, 冯 娜, 张劲松 (55)
Construction of Screening Model for Dipeptidyl Peptidase IV *in vitro* and Active Inhibitory
Estimation of Extractions from Edible and Medicinal Fungi …… ZHANG Chao, YANG Yan,
WANG Wenhan, FAN Hua, YAN Mengqiu, FENG Na, ZHANG Jingsong (59)
- 七种干香菇主要营养成分与可溶性糖对比及电子舌分析
…… 陈万超, 杨 炜, 于海龙, 冯 杰, 宋春艳, 周 帅, 李 文 (61)
Nutritional Component and Soluble Saccharide Levels in Dried *Lentinula edodes* Fruit Bodies, and
Sensory Analysis Using an Electronic Tongue …… CHEN Wanchao, YANG Yan,
YU Hailong, FENG Jie, SONG Chunyan, ZHOU Shuai, LI Wen (67)
- 减压处理对松茸保鲜的影响初探 …… 张沙沙, 邓雅元, 罗晓莉, 郭永红 (68)
Effects of Exposure to Hypobaric Conditions on Selected *Tricholoma matsutake* Fruit Body
Parameters …… ZHANG Shasha, DENG Yayuan, LUO Xiaoli, GUO Yonghong (72)
- 四种杀虫剂在糙皮侧耳生产中安全使用的研究
…… 黄泽铭, 江玉姬, 何世行, 傅梅萍, 蔡溢洋, 高陈玲, 谢宝贵 (73)
Residue Levels in *Pleurotus ostreatus* Mushrooms Following Application of Four Pesticides to Fruit Bodies
and the Cultivation Substrate …… HUANG Zeming, JIANG Yuji, HE Shihang, FU Meiping (78)
- 食药用菌糖蛋白(肽)复合物的结构与功能
…… 管国强, 李云虹, 杨 炜, 崔凤杰, 田 雅, 孙文敬, 谭 琴, 吴 迪 (79)
Structure/Function Relationships of Polysaccharide-protein (Peptide) Complexes from Edible/
Medicinal Fungi …… GUAN Guoqiang, LI Yunhong, YANG Yan, CUI Fengjie,
TIAN Ya, SUN Wenjing, QIAO Qin, WU Di (86)

《食用菌学报》编辑委员会 Editorial Board of ACTA EDULIS FUNGI

编委会主任 Chairman of the Editorial Board 吴爱忠(WU Aizhong)

编 委 Members of the Editorial Board

边银丙(BIAN Yinbing)	曹 晖(CAO Hui)	陈明杰(CHEN Mingjie)
陈文强(CHEN Wenqiang)	李荣春(LI Rongchun)	李泰辉(LI Taihui)
李 玉(LI Yu)	林俊芳(LIN Junfang)	林志彬(LIN Zhibin)
潘迎捷(PAN Yingjie)	上官舟建(SHANGGUAN Zhoujian)	谭 琦(TAN Qi)
王泽生(WANG Zesheng)	谢宝贵(XIE Baogui)	杨祝良(YANG Zhuliang)
姚一建(YAO Yijian)	俞菊生(YU Jusheng)	张劲松(ZHANG Jingsong)
张金霞(ZHANG Jinxia)	BUSWELL John (China)	CALLAC Philippe (France)
CHANG Shuting (Australia)	GROGAN Helen (Ireland)	JONG Shungchang (USA)
ROMAINE Peter C (USA)	SANCHEZ Jose E (Mexico)	SHARMA Shekhar HS (United Kingdom)
SONNENBERG Anton SM (The Netherlands)		SUZUKI Akira (Japan)

主 编 Editor in Chief 曹 晖(CAO Hui)

编 辑 Editors 王瑞霞(WANG Ruixia) 于荣利(YU Rongli) 朱丽娜(ZHU Lina) BUSWELL John
马丹丹(MA Dandan)

食用菌学报

(季刊 1994 年创刊)

2015年 第22卷 第1期

ACTA EDULIS FUNGI

(Quarterly Started in 1994)

2015 Vo1. 22 No. 1

主 管	上海市农业科学院
主 办	上海市农业科学院食用菌研究所
	中国农学会
协 办	上海市农业科学院农业科技信息研究所
出 版	《食用菌学报》编辑部
地 址	上海市金齐路1000号, 201403
电 话	021-62209894
电子信箱	shiyongjunxuebao@126.com
网 址	http://www.syjxb.com
印 刷	上海惠顿实业有限公司
发 行	上海市农科院食用菌研究所, 公开发行
出版时间	季末月中旬
广告经营许可证号	3101220130003
刊 号	ISSN 1005-9873 CN 31-1683/S

Managed by	Shanghai Academy of Agricultural Sciences
Sponsored by	Institute of Edible Fungi, SAAS
	China Association of Agricultural Science Societies
In cooperation with	The Agricultural Information Institute of Science and Technology, SAAS
Published by	Editorial Department of ACTA EDULIS FUNGI
Address	No. 1000 Jinqi Road, Shanghai 201403, China
Tel.	+86-21-62209894
E-mail	shiyongjunxuebao@126.com
Website	http://www.syjxb.com
Printed by	Shanghai Huidun Industry Co., Ltd.
Distributed by	Institute of Edible Fungi, SAAS
Publication frequency	Quarterly
Adv. Licence No.	3101220130003
Publication No.	ISSN 1005-9873 CN 31-1683/S

定价:15元

Price:15RMB

ISSN 1005-9873



9 781005 987150