FOOD SCIENCE AND TECHNOLOGY RESEARCH

Contents of Vol. 24, No. 5

i Food Science and Technology Research Award Vol.2	23
--	----

Food Technology and Engineering

Original papers

- 757 Optimization of a Molasses Based Fermentation Medium for Lipases from *Burkholderia* sp. Bps1 Based on Response Surface Methodology
 - Jing Zhu, Yanjing Liu, Yan Qin, Naikun Shen, Yi Li, Ge Liang and Qingyan Wang
- 767 Kinetics of Cooking Presoaked and Unsoaked Dry Legumes: Analysis of Softening Rate of Soybeans and Red Kidney Beans Takako Koriyama, Yoko Sato, Kumiko Iijima and Midori Kasai
- Enhanced β-Glucosidase Activity of *Lactobacillus plantarum* by a Strategic Ultrasound Treatment for Biotransformation of Isoflavones in Okara
 - Hui-Tzu Peng, Chun-Yao Yang and Tony J. Fang
- Quality Evaluation of Gluten-free Danish Bread Employing Different Flours and Starches
 Espino-Manzano Salvador, Güemes-Vera Norma, Chanona-Pérez José Jorge, Bernardino-Nicanor Aurea,
 Hernández-Uribe Juan Pablo, Castañeda-Ovando Aracell, Piloni-Martini Javier and Alanís-García Ernesto
- 795 Structure of Fine Waxy Rice Starch Prepared Via a Compressed Hot Water Process
 Naoto Shimizu and Tetsuya Ushiyama
- Fast and Sensitive Real-time PCR-based Detection of Porcine DNA in Food Samples by Using EvaGreen Dye Hamadah Lubis, Nur Thaqifah Salihah, Nur Aqirah Norizan, Mohammad Mosharraf Hossain and Minhaz Uddin Ahmed
- Study of Microwave Drying of Vegetables by Numerical Modeling. Influence of Dielectric Properties and Operating Conditions
 - Javier R. Arballo, Laura A. Campañone and Rodolfo H. Mascheroni

Technical papers

- Optimization of the Production of Microparticulated Egg White Proteins as Fat Mimetic in Salad Dressings Using Uniform Design
 - Rui Liu, Zhaojie Tian, Yingshi Song, Tao Wu, Wenjie Sui and Min Zhang
- 829 Quality and Safety of Cambodian Rice
 - Sopheap Ek, Sao Setka, An Mithona, Thor Seiha, Kong Thong and Kyoko Saio
- 839 Elasticity Index, Quality and Shelf-life of 16 Tree-ripe Mango Cultivars
 - Masahiko Fumuro, Takaaki Maeda and Naoki Sakurai
- Effects of Heat Moisture Treatments on the Digestibility and Physicochemical Properties of Various Rice Flours Wataru Noro, Keiko Morohashi, Sumiko Nakamura, Masaharu Nakamma and Ken'ichi Онтѕиво

Notes

- 861 Cloning and Heterologous Expression of Lactate Dehydrogenase Genes from Acid-Tolerant Lactobacillus acetotolerans HT
 - Saki Goto, Akane Motomura, Ai Kawahara, Hideki Shiratsuchi, Kenji Tanaka and Hiromi Matsusaki
- 869 Chromatographic Study of Mineral—phytate and Protein—phytate Interactions in Soymilk Куоко Тора and Makita Налка

Food Science and Chemistry

Original papers

Combined Lowering Effect of Phytosterol Esters and Tea Extracts on Lipid Profiles in SD Rats
Wen-Sen He, Rui-Rong Pan, Ling-Ling Li, Dan-Dan Cui, Hui-Hui Wang, Guang-Hua Mao and Xiao-Qiang Chen

Discriminant Analysis of Muscle Tissue Type in Yellowtail Seriola Quinqueradiata Muscle Based on Metabolic 883 Component Profiles Ryota Мависні, Miwako Adachi, Haruka Кікитані and Shota Танімото Investigation of the Chemical Composition and Functional Proteins of Chicken Gizzard Inner Lining 893 Chien-Hsiang NI, Chih-Shang Lee, Fu-Yuan Chuan, Hirofumi Enomoto, Shiro Takeda, Liang-Chuan Lin and Ryoichi Sakata Combinational Effect of Pine Needle Polysaccharide and Kudzu Flavonoids on Cell Differentiation and Fat 903 Metabolism in 3T3-L1 Cells Ji-Luan Liu, Li-Cong Yang, Xiao-Juan Zhu, We-Jun Wang and Guo-Dong Zheng Possible Contamination Routes of Listeria monocytogenes in Leaf Lettuce during Cultivation 911 Ken-ichi Honjoh, Yin Lin, Kiyomi Jo, Yuri Iwaizako, Masayuki Maeda, Nobuyuki Кілма and Takahisa Мгуамото Daily Radical Scavenging and Singlet Oxygen Quenching Capacity Intake from Fruits and Vegetables in Japan 921 Shingo Takahashi, Ayaka Tsutsumi, Koichi Aizawa and Hiroyuki Suganuma Anti-allergic Effects of the Alkaline Hydrolysis of Rapeseed Cake in a Rat Basophilic Leukemia Cell Line (RBL-2H3) 935 Akihiro Maeta and Kyoko Takahashi Protective Effects of Tyrosol Against Oxidative Damage in L6 Muscle Cells 943

Kwang Min Lee, Jinyoung Hur, Yeonmi Lee, Bo-Ra Yoon and Sang Yoon Choi