

## Journal of Food Biochemistry

## CONTENTS

|  |     |
|--|-----|
| Ripening of Climacteric Fruits and Their Control<br><i>A. PAYASI AND G.G. SANWAL</i> .....   | 679 |
| Proteinases in Hybrid Catfish Viscera: Characterization and Effect of Extraction Media<br><i>SAPPASITH KLOMKLAO, SOOTTAWAT BENJAKUL AND HIDEKI KISHIMURA</i> .....   | 711 |
| Effect of Salts and Polyethylene Glycols on the Partitioning and Recovery of Trypsin from Hybrid Catfish Viscera in Aqueous Two-Phase Systems<br><i>SAPPASITH KLOMKLAO, SOOTTAWAT BENJAKUL, HIDEKI KISHIMURA, KAZUTSUMI OSAKO AND MUNEHICO TANAKA</i> .....  | 730 |
| Acid- and Heat-Stable Trypsin Inhibitory Peptide from the Viscera of Japanese Common Squid ( <i>Todarodes pacificus</i> )<br><i>HIDEKI KISHIMURA, YUJIRO NAGAI, KANA FUKUMORITA, KOHSUKE ADACHI, SATORU CHIBA, SIGERU NAKAJIMA, HIROKI SAEKI, SAPPASITH KLOMKLAO, NITTHIPONG NALJINANON, SOOTTAWAT BENJAKUL AND BYUNG-SOO CHUN</i> ..... | 748 |
| Hypoglycemic and Antidiabetic Effects of <i>Withania coagulans</i> Fruit Ethanol Extract in Normal and Streptozotocin-Induced Diabetic Rats<br><i>DOLLY JAISWAL, PRASHANT KUMAR RAI AND GEETA WATAL</i> .....  | 764 |
| Water Extracts from <i>Nelumbo nucifera</i> Leaf Reduced Plasma Lipids and Atherosclerosis in Cholesterol-Fed Rabbits<br><i>HUEI-JANE LEE, CHANG-CHE CHEN, FEN-PI CHOU, CHENG-HSUN WU, FU-SHUN LAI, MON-YUNG YANG AND CHAU-JONG WANG</i> .....   | 779 |
| Microwave and Traditional Cooking Methods: Effect of Cooking on Antioxidant Capacity and Phenolic Compounds Content of Seven Vegetables<br><i>FAUSTA NATELLA, FEDERICA BELELLI, ARIANNA RAMBERTI AND CRISTINA SCACCINI</i> .....   | 796 |
| Antidiabetic Properties of <i>n</i> -Hexane and Petroleum Ether Extracts from Seeds of <i>Nigella glandulifera</i> Freyn<br><i>XUELEI XIN, QI WANG, HAJI AKBER AISA AND HANQING WANG</i> .....   | 811 |
| Some Characteristics of Iron-Catalyzed NADH-Dependent Sarcoplasmic Reticular Lipid Oxidation in A Seawater Clam ( <i>Meretrix laevis</i> ) and Freshwater Clam ( <i>Corbicula fluminea</i> )<br><i>KAI-YI TSENG, SU-MEI CHEN AND CHEN-HUEI HUANG</i> .....   | 825 |
| Effects of High Pressure or Ultrasonic Treatment on Extraction Yield and Antioxidant Activity of Pericarp Tissues of Longan Fruit<br><i>K.N. PRASAD, B. YANG, M. ZHAO, J. SUN, X. WEI AND Y. JIANG</i> .....   | 838 |
| Antihyperglycemic Effect of Aqueous Extract of Sea Buckthorn ( <i>Hippophae rhamnoides</i> L.) Seed Residues in Streptozotocin-Treated and High Fat-Diet-Fed Rats<br><i>WEN ZHANG, JINGJING ZHAO, XINGLEI ZHU, XIUYUAN ZHUANG, XIUFENG PANG, JIESI WANG AND WELJING QU</i> .....   | 856 |
| Factors Affecting Lipid Oxidation in Breast and Thigh Muscle from Chicken, Turkey and Duck<br><i>Y. GONG, R.S. PARKER AND M.P. RICHARDS</i> .....  | 860 |
| Lipid, Cholesterol and Fatty Acid Profile of Some Commercially Important Fish Species from South Caspian Sea<br><i>S. PIRESTANI, M.A. SAHARI, M. BARZEGAR AND H. NIKOOPOUR</i> .....   | 886 |
| Heme Iron Polypeptide Polymer with High Iron Content as an Ideal Iron Supplement<br><i>KWANG-HYUN PARK, HYUN-SU KIM, MYUNG-KWAN HAN AND UH-HYUN KIM</i> .....  | 896 |